Over 50 associate degree and certificate programs within reach for Berkshire County residents and beyond!
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It is my pleasure to welcome you to Berkshire Community College — an institution committed to supporting you and to helping you accomplish your educational and life goals.

Whether your plan is to transfer to a four-year institution, further your skills, improve your employment opportunities, or satisfy your passion for learning, we are here to meet your needs.

At BCC, we offer a rigorous and high-quality program at an affordable cost. BCC is a liberal arts institution, and critical thinking is at the core of all we do. We do that with a faculty dedicated to the art of teaching and possessed of a desire to expand your horizons and a staff determined to make that as painless a process as possible.

We believe that education doesn’t end in the classroom. At BCC you will have the opportunity to explore your interests through a variety of extracurricular activities including student clubs and organizations, educational trips, fitness and wellness classes, Club Sports, and Service-Learning experiences.

If you visit the campus, you’ll see some major construction going on. The renovations of Hawthorne Hall are completed, and this fall, we return to the building outfitted with the latest technologies, updated classrooms, and comfortable and collaborative meeting and work spaces. Melville Hall will re-open for the spring semester.

In many ways, the transformation of those buildings is a metaphor for what is taking place at BCC as an educational institution. We are starting with a strong tradition and foundation and building upon that to meet the evolving needs of our students — not just with state-of-the-art facilities, but also with a plan and direction thoughtfully developed through a campus-wide strategic planning initiative that will, we believe, also benefit the economies of the region and the Commonwealth.

All of these efforts have been founded in a passion for creating a future for BCC that embraces the aspirations of our students and the needs of the communities we serve.

Every day I am on campus, I wear my campus ID. On the back of it, which is frequently the front, are the words “ASK ME.” That is no idle invitation.

Like everyone else on this campus, I am here to serve you. If you have a question, or if you need support to help you achieve your educational dreams, ASK US. You are the reason we are here.

Ellen Kennedy
president@berkshirecc.edu
413-236-1003

A smart path to earning a four-year degree

For many students, the best start toward receiving their bachelor’s degree isn’t a four-year college — it’s Berkshire Community College.

We maintain formal relationships with more than 30 leading colleges and universities that let you transfer your entire BCC associate degree toward your bachelor’s degree. With our first-class education, you’ll be well prepared for transfer to a four-year (baccalaureate) college of your choice. That means you can get your bachelor’s degree from the public or private college you want, while saving thousands on tuition and fees for your freshman and sophomore years.

Testimonials — students, faculty & staff

BCC is all about access and excellence. We offer our students a quality college education that is challenging and affordable while preparing them for the future. At BCC, students will find faculty and staff who are committed to their success.

Our diverse student body and faculty combine to provide a rich community of learners. BCC boasts one of the highest graduation rates in the Massachusetts Community College system, with students moving on to quality four-year institutions or starting careers following graduation.

Students, faculty and staff have shared testimonials about their experience at BCC. These quotes can be found throughout this catalog.

“BCC is a welcoming place. It’s really a community. I appreciated having the support of so many people who have encouraged me and have been very supportive.”

Jose Alfredo Cruz
2016 29 Who Shine Honoree
Class of 2016
WELCOME TO BCC

Placing higher education within reach for Berkshire County residents and beyond.

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BCC MISSION STATEMENT
Berkshire Community College (BCC) strives to place higher education within reach of all residents of Berkshire County and beyond. BCC is committed to access, academic excellence, student success and leadership in the community.

• BCC helps students overcome financial, physical or social barriers and welcomes them into a college environment of academic excellence.
• BCC provides quality programs that prepare students to enter or progress within the workforce and/or for transfer, while fostering a lifelong enthusiasm for learning.
• BCC provides the resources and services students need to be successful, to meet our academic standards and to achieve their personal and professional goals.
• BCC provides leadership by furthering the engagement of our students in the community, by working collaboratively with civic leaders, organizations and employers, and by serving as a center for diverse educational and cultural activities.

VALUES
In recognition of its tradition of academic excellence and service, Berkshire Community College affirms the following values:

• Integrity and Engagement. We expect all members of the college community to participate in the fulfillment of the college mission through actions that are forthright and consistent with the mission.
• Innovation. We promote a campus climate that encourages innovative thought and creative expression.
• Diversity and Inclusion. We foster an environment that validates and respects cultural identities and provides curriculum, pedagogy, programs and services within multicultural philosophies and frameworks.

• Service. We maintain a community that demonstrates respect for growth, responsibility and leadership through service to others.
• Sustainability. We follow practices that promote environmental and financial sustainability at the College.

VISION
BCC is a dynamic learning community, transforming lives and preparing students to succeed in an increasingly complex, diverse, and changing world.

ACCREDITATION
Berkshire Community College is fully accredited by the New England Association of Schools and Colleges, Inc., Commission of Higher Education.

Following a comprehensive on-site evaluation in October 2009, the commission accredited BCC for 10 years, the maximum allowed. The next comprehensive evaluation will take place in Fall 2019. For more information, see Accreditation on page 41 or visit www.berkshirecc.edu.

COLLEGE OVERVIEW
BCC is a public community college offering associate degree and certificate programs, as well as other educational opportunities, primarily to the residents of Berkshire County and surrounding areas.

History
Founded in 1960, BCC was the first community college established by the Commonwealth of Massachusetts. Today, there are 15 community colleges throughout the state. During its first 12 years, BCC was located in downtown Pittsfield in a former junior high school made available by the city. There, enrollment grew from 153 to 1,222 students.

In 1972, the College moved to its present location occupying a magnificent 180-acre site four miles from the center of Pittsfield. Twelve years later, a satellite facility known as the South County Center opened in Great Barrington. Last year, nearly 3,000 students enrolled in day or evening credit courses at the Main Campus, off-campus sites and/or online. Additionally, more than 5,200 people enrolled in various noncredit and workforce development offerings.

Incident Statistics
Per the Campus Security/Clery Act of 1990 as amended by the Violence Against Women Reauthorization Act of 2013 20 USC 1092 (f), an annual security report is published and made available each year detailing campus crime statistics for the previous 3 years. This report is prepared in cooperation with local law enforcement agencies surrounding our Main Campus, satellites and alternate sites, campus security and the Division of Student Affairs. Each semester, an e-mail notification is made to all enrolled students providing the website (www.berkshirecc.edu/clery) to access this report. Faculty and staff receive similar notification. A paper copy of this publication is available upon request by calling the office of Student Affairs at 413-236-1602.

Programs of Study
BCC offers more than 50 associate degree and certificate programs, including options and concentrations. Most of the College’s programs of study can be classified as one of the following:

TRANSFER PROGRAMS
These programs parallel the first two years of similar programs at most public and private baccalaureate institutions and provide a solid basis for transfer with advanced standing. The advantages of beginning these programs at BCC before transferring to a baccalaureate institution include such benefits as smaller classes, personal attention and affordability. There is also much evidence to suggest that students who begin their post-secondary education at a community college tend to do better than their counterparts who start at a baccalaureate institution.

CAREER PROGRAMS
These programs provide the theory and technical skills needed for entry into the job market immediately after graduation. Individual courses within these programs may transfer into related programs at baccalaureate institutions.

COMMUNITY EDUCATION & WORKFORCE DEVELOPMENT
In addition to credit offerings, the Office of Community Education and Workforce Development offers a wide range of noncredit courses and workshops. The office also provides both on-campus and on-site customized training programs for local and regional companies.

GENERAL STUDIES PROGRAM
This program (Liberal Arts) meets the needs of students who have not yet decided on a particular field of study, as well as students who have already chosen a program and college or university to which they plan to transfer. In either case, the program provides a flexible curriculum that combines a core of transfer courses with an opportunity to explore various courses through free electives.
WELCOME TO BCC

TRANSFER OPPORTUNITIES

BCC students who wish to continue their education at a four-year college or university can easily transfer to a large number of public and private institutions throughout Massachusetts and beyond. BCC’s transfer coordinator is available to help facilitate the transitions. For more information, see Transfer Articulation Agreements on page 35 and MassTransfer Program on page 30.

STUDENT PROFILE

The vast majority of BCC students (97 percent) are Massachusetts residents with 94 percent coming from Berkshire County. More than half (60 percent) of the students are women. In addition, 49 percent of the student body consists of non-traditional students (23 years of age or older). In fall 2015, BCC also enrolled six international students from four different countries.

GRADUATION & TRANSFER STATISTICS

BCC awarded its first two degrees, both to women, in 1961. In 2015, 346 degrees and certificates were conferred. Historically, BCC graduates have successfully transferred into colleges and universities throughout the Commonwealth of Massachusetts, the United States, as well as a number of foreign countries. Thirty-four percent (34 percent) of the graduating class of 2014 transferred into a baccalaureate-level program at a diverse group of four-year degree granting institutions around the country.

Following their graduation from BCC, many students seek employment, electing to work while at the same time continuing their education. Results from a recent (2013) follow-up survey indicated that 92 percent of BCC graduates were employed either full- or part-time following graduation or had transferred to a four-year institution. For further information about graduation and transfer statistics, see Statements, Disclosures & Policies on page 41.

GOVERNING ORGANIZATIONS

Various levels of organizations — from state to students — are involved in governing BCC. These organizations include the following:

Massachusetts Department of Higher Education

The Commissioner and staff of the Massachusetts Department of Higher Education work with the state’s Board of Higher Education “to ensure that Massachusetts residents have the opportunity to benefit from a higher education that enriches their lives and advances their contributions to the civic life, economic development and social progress of the Commonwealth.” For more information, visit www.mass.edu. Anyone wishing to contact the commissioner and/or any board member (see opposite page) may write to: One Ashburton Place, Room 1401, Boston, MA 02108-1696; or call 617-994-6950; fax 617-727-0955; or e-mail: webmaster@bhe.mass.edu.

BCC Board of Trustees

The Berkshire Community College Board of Trustees (see opposite page) is composed of area residents appointed to the board by the Governor of Massachusetts. Some major board functions include reviewing and approving the College’s programs and policies, various faculty and staff appointments, and tuition and fees not mandated by the state.

The board meets most months at 4:30 PM on the fourth Tuesday. Except for executive sessions, meetings are open to the public. Specific dates and locations are available online or in the President’s Office (F-227).

BCC Student Trustee

The Student Trustee is elected by fellow students at the end of the spring semester and serves as the liaison between the student body and the BCC Board of Trustees. His/her term of office runs from July 1 to June 30. The Student Trustee must be currently enrolled at BCC and maintain a full-time student status for the entire length of his/her term. He/she must maintain a 2.00 GPA for each semester and a cumulative 2.00 GPA for the entire term of office. Upon election, the Student Trustee automatically becomes an official member of the Student Government Association.

Institutional Review Board (IRB)

The IRB, an autonomous and independent board, implements a review process established within the Code of Federal Regulations to ensure that human subjects research complies with federal regulations, institutional policies and ethical standards. The IRB protects the rights, and ensures the safety, of people involved as participants in research. The IRB also provides assistance to investigators involved in human subjects research in complying with federal and state regulations and institutional standards. The IRB is guided by ethical principles set forth in the Declaration of Helsinki (1964) and Ethical Principles and Guidelines for the Protection of Human Subjects of Research, also known as the Belmont Report (1978).

BCC College Senate

The College Senate is composed of elected faculty, staff and student representatives from throughout the College. Although the senate has no authority to implement policies or changes, it makes such recommendations to the College’s executive council. Senate meetings are open to all interested persons.

BCC Student Government Association

The BCC Student Government Association (SGA) consists of currently enrolled students elected each spring in college-wide elections. Candidates must have a 2.00 or higher grade point average.

The SGA meets Tuesdays and Thursdays at 12:15 PM in the General Bartlett Room. The meetings are open to all interested students. The SGA Office, is located off the Susan B. Anthony Center Lounge adjacent to the Office of Student Life. In addition, a Student Constitution establishes a viable system of government for all BCC students. The constitution is available in the Office of Student Life. For more information, call 413-236-1665.

BCC Foundation

The Berkshire Community College Foundation is a non-profit corporation established to encourage and receive gifts in support of the mission of the College. Gifts from alumni, students, corporations, friends and staff are used to further the College’s commitment to academic excellence and community service. Under the auspices of the BCC Foundation, the Office of Development and Alumni Relations works to engage alumni with the College through the BCC News, regional social events, the Alumni Career Network and BCC’s Alumni Association.

The Foundation provides scholarships, grants and awards to deserving students to assist them in pursuit of their academic goals. It also supports initiatives in “value-added” activities such as conferences and hands-on experiences to expand student and faculty learning, emerging technologies and campus restoration. In addition, the Foundation owns and operates the building in Great Barrington that provides a permanent site for the College’s South County Center.

The Foundation is governed by a board of volunteers (see opposite page) made up of members from various communities throughout Berkshire County and surrounding areas. Anyone wishing to make a donation to the Foundation, should visit www.berkshirecc.edu/give or call the Development Office at 413-236-2185.

BCC Alumni Association

All former students and graduates of Berkshire Community College are members of the Alumni Association. There is no membership fee. The mission of the Association is to promote relationships between current and future alumni with BCC, advancing both the College and its alumni.

The Association is governed by a volunteer board, elected at large by the alumni (see opposite page for a list of Board members). The Alumni Board plans events and activities that provide networking, social, service and informational opportunities for alumni. For more information, visit www.berkshirecc.edu/alumni, visit the Association’s Facebook page at facebook.com/berkshireccalumni or contact the office of Alumni Relations at 413-236-2188 or alumni@berkshirecc.edu.
### Massachusetts Department of Higher Education

- **Dr. Carlos Santiago**  
  Commissioner
- **Chris Gabrieli**  
  Chairman
- **Sheila M. Harrity, Ed.D.**  
  Commissioner
- **Nancy Hoffman, Ph.D.**  
  Commissioner
- **Tom Hopcroft**  
  Commissioner
- **Donald R. Irving**  
  State University Trustee Representative
- **Robert E. Johnson, Ph.D.**  
  State University Trustee Representative
- **J.D. LaRock, J.D., Ed.D.**  
  State University Trustee Representative
- **Dani Monroe**  
  State University Trustee Representative

### Board of Trustees

- **Darlene Rodowicz, Dalton**  
  Chair
- **Paul Caccavelli, Dalton**  
  Vice Chair
- **Ross Dindio, Dalton**  
  Appointed Alumni Representative
- **Michael Supranowicz, Cheshire**  
  State University Trustee Representative
- **Roberto Laurens, Dalton**  
  State University Trustee Representative
- **Marcella Bradway, Pittsfield**  
  State University Trustee Representative
- **Jeffrey Hiltz, Pittsfield**  
  Member
- **Douglas Crane, Dalton**  
  Elected Alumni Representative
- **Kathleen McCormick, Great Barrington**  
  Elected Alumni Representative
- **Peter Mirante, North Adams**  
  Elected Alumni Representative
- **Rajkiran Kaur, Lee**  
  Elected Alumni Representative

### Foundation Board

- **Eugene A. Dellea, West Stockbridge**  
  Chair
- **Barbara Hochberg, Richmond**  
  Chair
- **Charles F. Plungis, Jr., Great Barrington**  
  Chair
- **Augusta Leibowitz, Pittsfield**  
  Secretary
- **Craig Smith, Pittsfield**  
  Secretary
- **Dr. Norman Avnet, Pittsfield**  
  Secretary
- **Daniel Dillon, Pittsfield**  
  Secretary
- **Janet Dohoney, Great Barrington**  
  Secretary
- **R. Keyburn Hollister, Pittsfield**  
  Secretary
- **William B. Kirby, Richmond**  
  Secretary
- **Bernard Pinsonnault, Adams**  
  Secretary
- **Richard Rilla, Pittsfield**  
  Secretary
- **Pamela J. Roberts, Lenox**  
  Secretary
- **Arthur Stein, Pittsfield**  
  Secretary
- **Eileen Whittaker, Great Barrington**  
  Secretary

### Alumni Board

- **Cindy Shogry-Raimer ’91**  
  President
- **Ashlee Zanconato ’10**  
  President
- **Jessica Russo ’10**  
  President
- **Jeffrey Hiltpold ’09**  
  President
- **Sharon Connors ’00**  
  President
- **Dawn Dellea ’88, ’89**  
  President
- **Rachel Deschamps ’14**  
  President
- **Daniel Dillon ’62**  
  President
- **Sue Fennell-Ivas ’80**  
  President
- **Ray Gargan ’73**  
  President
- **Kathy Gowdey ’70**  
  President
- **Andrew Mickle ’89**  
  President
- **Melissa Myers ’89**  
  President
- **Kevin O’Hara ’74**  
  President
- **Christopher Richards ’05**  
  President
- **Darcie Sosa ’04**  
  President
- **William Sturgeon ’74**  
  President
- **Stan Walczyk ’71**  
  President

### Non-Voting Student Advisors

- **TBA**  
  Community College Student Advisor
- **TBA**  
  State University Student Advisor
DIRECTIONS

BCC’s Main Campus is located at 1350 West Street in Pittsfield, Massachusetts. Directions to the campus are as follows:

From the North
Follow Rte. 7 to Park Square in downtown Pittsfield. Turn left on West Street, pass the Big Y Supermarket on the right. Turn left at the stop sign. Continue on West Street for 3.5 miles. The College’s main entrance is on the right.

From the East
Follow Rte. 9 through Dalton and Pittsfield to the intersection with Rte. 7. Turn left onto West Street and follow the directions above or; follow the Massachusetts Turnpike (I-90 west) to Exit 2 in Lee. Turn right onto Rte. 20. After Rte. 20 merges with Rte. 7 in Lenox, follow Rte. 7 to Park Square. Take a left onto West Street and follow the directions from Park Square above.

From the South
Follow Rte. 7 to Park Square. Turn left onto West Street and follow the directions from Park Square above.

From the West
Follow Rte. 20 to the NY/MA border. Continue on Rte. 20, pass the CITGO gas station on the right and turn left onto Hungerford Street (about 1.5 miles past the gas station). Bear left onto Forthill Avenue (underneath a railroad overpass). Turn left at the stop sign onto West Street.

Estimated Drive Times
- Albany, NY..............................55 minutes
- Boston, MA..............................2.5 hours
- Chatham, NY...........................25 minutes
- Great Barrington, MA..............35 minutes
- New Lebanon, NY......................15 minutes
- Northampton, MA....................1.5 hours
- North Adams, MA.....................40 minutes
- Pownal, VT.............................55 minutes
- Springfield, MA.......................75 minutes
- Williamstown, MA...................35 minutes

PARKING

Parking on BCC’s Main Campus is on a first-come, first-served basis. To avoid parking problems, students are encouraged to arrive on-campus at least 10 minutes before their classes start.

To provide safe and easy access to buildings for emergencies, parking regulations are strictly enforced. On-campus parking areas are assigned as follows (see Main Campus Map on next page):

Handicapped/Special Permit Parking
Sections are in the south lot and the area on the east side of the Susan B. Anthony Center and along the Fire Road. Faculty, staff and students who park in these areas must display a state-issued handicap placard or plate or a special permit issued by the Facilities Office.

Student Parking
Located in the north, central and south lots in areas not designated as faculty/staff or handicapped spaces. Cars must park between painted lines.

Faculty/Staff Parking
Faculty and staff parking is located along East Road, in designated areas in the north, central and south lots, and on the Fire Road. Cars parked in these areas must display a BCC faculty/staff parking sticker.

Visitor Parking
For visitors only. Faculty, staff and students are prohibited from parking in visitor spaces. Vehicles parked in unauthorized spaces will be ticketed. Fines may be mailed or delivered to the Student Billing Office (F-108).

Unpaid fines are turned over to the Registry of Motor Vehicles and result in the inability of the violator to renew his/her driver’s license and/or car registration. BCC also reserves the right to hold registration, grades, transcripts and graduation until all fines are paid.

A complete copy of the College’s parking regulations is contained in the Student Policy Guide distributed annually to all students and made available on the BCC website.
MAIN CAMPUS Facilities & Locations

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Ralph Hoffmann Environmental Science and Sustainable Energy Center ..........10
Susan B. Anthony (SBA) Center & Annex .....................................10

KEY TO BUILDINGS

AA  Susan B. Anthony Annex
A  Susan B. Anthony Center
   • Student Center
   • Cafeteria (bottom floor)
E  Jonathan Edwards Library
F  Field Administration Center
H  Hawthorne Hall (open for classes June 2016)
K  Koussevitzky Arts Center
M  Melville Hall (under renovation)
NR  Norman Rockwell Play Area
P  Paterson Field House
R  Ralph Hoffmann Environmental Science & Sustainable Energy Center
S  Stanley Power Plant
SW  BCC Swimming Pool
T  Paul E. Raverta Tennis Complex
- - -  Future Connector Building

KEY TO SELECT FACILITIES

●  Admissions Office (F-113)
■  Koussevitzky Box Office
□  Testing Center
_wheelchair  Handicapped and Special Permit Parking
$  ATM Machine
▲  Elevators
BCC’s Main Campus is located on a magnificent 180-acre site at the foot of West Mountain and includes the following facilities and locations:

**FIELD ADMINISTRATION CENTER**
In addition to most of the College’s executive and other administrative offices, the Field Administration Center houses the following:

**Academic Advising Center (F-117)**
The Academic Advising Center assists students with course selection, academic problems and answers questions about student services. For more information, see **Academic Advising** on page 22.

**Admissions Office (F-114)**
In addition to other services, the Admissions Office provides information about BCC to prospective students and helps students throughout the admissions process. For more information, see **Applying for Admission** starting on page 12 or visit www.berkshirecc.edu/admissions.

**IT Help Desk (F-105)**
The IT Help Desk provides first-level technical support to all faculty, staff and students at BCC. The Help Desk is committed to assisting the computer and telecommunication needs of all employees and students by providing detailed resolutions and general system information for common problems. IT Help Desk hours are from 7:30 AM–4:00 PM, Monday through Friday. For more information, contact Sharon Davis at sdavis@berkshirecc.edu or call 413-236-3004.

**Registrar’s Office (F-111)**
The primary responsibility of the Registrar’s Office is to maintain official academic records for each past and present BCC student. For more information, see **Registrar** on page 32.

**Student Billing Office (F-108)**
The Student Billing Office prepares student bills and collects required payments. For more information, see **Billing and Payment** on page 17.

**Student Success Center (F-118)**
The Student Success Center is committed to helping students achieve academic success. Students are encouraged to visit the Center either on a walk-in basis, or as a referral from an instructor. For more information, see **Student Success Center** on page 33.

**TRIO Office & Learning Center (F-237)**
The TRIO Office provides one-on-one support services to help eligible students develop an educational plan. For more information, see **TRIO Program** on page 39.

**Veterans Center (F-111 & F-114)**
BCC’s Veterans Center assists veterans, reservists, active duty members and their eligible spouses and dependents.

BCC is committed to assisting our military families access their educational benefits while reaching their educational goals. All prospective and returning students must fill out an application to the College either in person or online. Students may be able to receive BCC credit for prior college courses, or experience or training during active duty, and should submit documentation for evaluation to the Admissions Office. Students eligible for military benefits through the Department of Veterans Affairs can apply online at www.gibill.va.gov. Veterans who are Massachusetts residents may be eligible for a Categorical Tuition Waiver and should apply through the Registrar’s Office. Current National Guard members can fill out their Tuition and Fee Reimbursement Form using the following link: http://mro.chs.state.ma.us/tuition/login.aspx. Students may be eligible for aid from other sources. For more information visit www.militaryonesource.mil. (See also **Berkshire Community College’s VALOR Act Academic Credit Policy** on page 39.)

**HAWTHORNE HALL**
Hawthorne Hall is one of BCC’s two main academic buildings. BCC’s Main Campus located at West Street in Pittsfield is currently undergoing a $32 million upgrade including substantial building renovations. Hawthorne Hall, which was closed for construction for approximately a year, re-opened for classes June 2016.

See Main Campus Map on page 7.
JONATHAN EDWARDS LIBRARY
The Jonathan Edwards Library welcomes the BCC community and members of the general public. The Library supports scholarship and student success by providing a comprehensive and authoritative collection of information resources, outstanding services and up-to-date equipment in a pleasant environment conducive for research, collaboration, study, tutoring and quiet relaxation. For additional information, see Library Resources & Services on page 28.

Hours of Operation
• Monday through Thursday: 8:00 AM–7:00 PM
• Friday: 8:00 AM–4:00 PM

WHEN CLASSES ARE NOT IN SESSION:
• Monday through Friday: 8:00 AM–4:00 PM

KOUSSEVITZKY ARTS CENTER
In addition to various faculty and staff offices, the Koussevitzky Arts Center houses the following locations:

Assessment & Testing Center (K-213)
The Assessment and Testing Center, located off the small lobby that connects to the Field Administration Building, administers the Learning Skills Assessment required of most incoming BCC students. The Center also serves as the Berkshire County test administration site for the Massachusetts Alternative High School Credential, CLEP and DANTES testing programs. Proctoring for distance learning course exams and make-up exams for BCC courses are also offered. For more information, see Assessment and Testing on page 36.

Center for Teaching & Learning (K-210)
The Center for Teaching and Learning (CTL) provides faculty and staff professional development programs on pedagogy, technology and other higher education topics. CTL activities include in-service workshops, professional development days, new faculty orientation, summer institutes, travel grants, special projects and guest speakers. The Center provides advanced workstations and technical training facilities to the BCC community to support the use of new teaching tools.

Koussevitzky Art Gallery
The Koussevitzky Art Gallery (theatre lobby near the box office) is open to the public and offers exhibits by professional artists from the United States and abroad. Several shows are mounted each semester. In addition, student art work is exhibited in the Koussevitzky lobby throughout the year.

Robert Boland Theatre (K-110)
The Robert Boland Theatre is one of the largest stage houses in western Massachusetts. In addition to BCC and community theatre productions, the facility hosts numerous concerts, dance performances and other special events each year. For more information, see Theatre at BCC on page 33.

Koussevitzky Small Theatre (K-111)
K-111 is a 110-seat hybrid theatre/lecture hall. The room is fully equipped with stage lighting, projections, a sound system and a performance grand piano. This room is used for events such as musical concerts, FORUMS, theatre shows and major presentations.

Math Laboratory (K-21A)
The Math Laboratory, located on the south end of the building nearest the library, offers self-paced, individualized, math modules (see MAT 800 Series starting on page 132).

Project Link Office (K-205)
The Project Link Office provides courses, advising and educational skills training to prepare alternative high school credential and ESL students to enter BCC degree and certificate programs. For more information, see Project Link on page 14.

Tutorial Center (K-214)
The Tutorial Center provides peer, professional and online tutoring, study skills workshops and drop-in Help Centers in such areas as mathematics and writing. This Center is an important support service to students at BCC. For more information, see Tutorial Services on page 34. Please also see Writing Center on page 10.

MELVILLE HALL
Melville Hall is one of BCC’s two main academic buildings. BCC’s Main Campus is currently undergoing a $32 million upgrade. Melville Hall renovations are slated for completion in January 2017. Offices previously located in Melville have been temporarily relocated. The new locations are identified in this catalog.

In addition to classrooms, laboratories and faculty offices, Melville Hall houses the following:

Berkshire Honors Scholar Center (H-231)
The Berkshire Honors Scholar Center provides a quiet place for students in BCC’s honors program to relax or study. For more information, see Honors Program on page 28.

Career Vocational Technical Education Linkage Initiative (H-221)
The Career Vocational Technical Education (CVTE) Linkage Initiative at BCC works with local high schools to provide a smooth transition for career vocational students into their post-secondary programs of choice. For more information, see CVTE Linkage on page 14.

PATERNSON FIELD HOUSE
Paterson Field House maintains a basketball court for indoor activities, several soccer fields, a 5K cross-country course, fitness center, summer swimming pool and tennis courts. Lockers are available for students, who must provide their own locks. All facilities are open to the public when their use does not interfere with College activities.

Hours of Operation
• Monday through Thursday: 7:00 AM–8:00 PM
• Friday: 7:00 AM–6:00 PM

SUMMER HOURS
• Monday through Friday: 7:00 AM–6:00 PM
• Saturday and Sunday: 12:00 PM–6:00 PM

Fitness Center
The Paterson Fitness Center is a fully-equipped exercise and strength training facility. The Center is open to BCC students, faculty and staff at no cost. The general public is charged a minimal fee. Personal Training Services are available.

BCC Community Swimming Pool
Pricing details and hours for BCC’s community swimming pool can be obtained at the Office of Student Life, the Paterson Field House, or by visiting www.berkshirecc.edu/swimmingpool.

Tennis Courts
The Paul E. Raverta Tennis Complex consists of three standard adult courts and two “10 and under” tennis courts that are used for both tennis and Pickle-ball®. The courts are open to students, staff and the general public. For hours of availability, visit www.berkshirecc.edu/paterson.
RALPH HOFFMANN ENVIRONMENTAL SCIENCE & SUSTAINABLE ENERGY CENTER
The Ralph Hoffmann Environmental Science and Sustainable Energy Center is the focal point for environmental programs and activities. Built in 1976 and renovated in 2012, the Center houses a lecture room, laboratories, seminar areas, a student lounge and several work areas.

The John Lambert Nature Trail
Located behind the Ralph Hoffmann Environmental Science and Sustainable Energy Center, the nature trail wanders through open fields and woodlands. Numbered posts along the way indicate points of natural significance.

SUSAN B. ANTHONY (SBA) CENTER & ANNEX
The Susan B. Anthony Center houses the following offices and services:

Cafeteria/Food Services (Lower Level)
The BCC Cafeteria provides nutritionally balanced meals with a varied menu. For more information, see Cafeteria/Food Services on page 36.

Campus Safety & Security (A-16)
The mission of the Berkshire Community College Safety and Security Department is to enhance the quality of life at BCC by providing a safe and secure environment that is conducive to learning, and is consistent with the educational goals of the College, while building community partnerships that foster trust, mutual respect, and cooperation. The BCC Safety and Security Department strives to achieve this mission by means of a community-friendly approach that enhances safety through the visibility of security personnel, preventive patrols, 24-hour accessibility, positive conflict resolution, and crime prevention and awareness programs. They can be reached at 413-236-1010.

College Store/Follett (A-210)
The college store primarily serves as an outlet for textbooks and materials needed for BCC classes. For more information, see College Store on page 24.

Facilities Office (A-15)
The Facilities Department is responsible for the maintenance of all campus buildings, grounds and utilities. The staff strives to provide a safe, clean and functional environment by maintaining the daily operations of the campus. Services include performing building repairs, event set-ups, room and event scheduling as well as the scheduling and adjustment of heating and cooling systems. Additionally, they provide assistance in areas such as the distribution of keys and issuance of parking permits. The Facilities Department can be reached at 413-236-3016.

Immunization Records Office (A-100)
This office maintains the official BCC Immunization Requirement Form that students must complete and turn in before the first day of classes. Students may drop off medical records, authorize sending records to another location, or obtain a copy for their own use. For more information, see Immunization on page 12.

Norman Rockwell Early Childhood Center (A-G12)
This Center offers child care services for the children of BCC’s students, faculty and staff. For more information, see Child Care on page 37.

Service-Learning Office (A-119)
The Service-Learning Office is located in A-119. For more information, see page 32 or call 413-236-2176.

Office of Student Life (A-118)
The Office of Student Life is the center of student activity at BCC. The office helps to plan and administer a wealth of opportunities for social, cultural, recreational and personal enjoyment and enrichment. For more information, see Student Life on page 39.

Student Development Center (A-107)
The Student Development Center, located down the hall from the College bookstore, provides various free services including transfer, personal counseling and career services. Personal growth workshops and specialized support services for students with disabilities are also available. See Student Services beginning on page 36.

Student Lounge (Upper Level)
The Student Lounge provides an atmosphere that encourages full enjoyment of the social aspects of college life and is the central meeting place for students and their friends. Activities range from movies and lectures to live entertainment. Students also use the lounge to study and relax.

Writing Center (A-123/124)
Staffed by trained student tutors, the Writing Center exists for the purpose of helping students improve their writing. A student can meet with a tutor to discuss writing for any course. The Center offers drop-in hours and scheduled appointments. It is located next to the student lounge in the Susan B. Anthony College Center. For more information, visit www.berkshirecc.edu/writing.

See Main Campus Map on 7.
In order to increase accessibility throughout the county, BCC offers various courses and services at three off-campus sites:

1 **EDUCATION CENTER AT CONTE**
   The Center, suitably located at 78 Center Street in downtown Pittsfield, includes four classrooms featuring interactive white boards, Wi-Fi access, a student lounge and a community conference room. In addition to credit courses, BCC offers workforce development courses, skills assessments, credit courses and an outreach program in the Center. For more information, call 413-236-2127.

Community Education & Workforce Development
   The office for Community Education is located at the Education Center at Conte. This office develops, coordinates and implements the College’s noncredit initiatives. The office of Workforce Development provides general and customized training programs for business and industry in Berkshire County. For more information, see Community Education & Workforce Development on page 40 or visit www.berkshirecc.edu/workshops.

2 **NORTH COUNTY CLASSES AT McCANN**
   To better serve students who live or work in northern Berkshire County or southern Vermont, BCC offers classes during the spring and fall semesters at the Charles H. McCann Vocational Technical High School in North Adams. Skills Assessment and registration for north county classes may be completed on BCC’s Main Campus or during specially scheduled sessions in north county. For more information, call Julie Hannum, Director of Off-Campus Centers, at 413-236-5201.

3 **SOUTH COUNTY CENTER (SCC)**
   Opened in 1984, the South County Center, located at 343 Main Street in the heart of Great Barrington, offers convenient access to academic classes, noncredit workshops and related services for South County and tri-state residents. With wireless access available, SCC consists of seven academic classrooms, including an art room, a 17-station computer lab, student lounge, library/community conference room and café. Most general education academic requirements may be fulfilled at the Center; many business courses are also offered.

   SCC staff provides admission assistance, advising, registration, student payment services and coordinates an annual Student Services Fair as well as several FORUM events each semester. Free tutoring is available on-site in many disciplines. A wide variety of community education noncredit workshops and general workforce training sessions are also presented. For more information, contact SCC staff at 413-528-4521.

   **Adult Learning Program at South County Center**
   The South County Center is also home to BCC’s Adult Learning Program (ALP), which provides English for Speakers of Other Languages (ESOL) classes. The program offers beginner, intermediate and advanced levels of ESOL at two locations — BCC’s South County Center in Great Barrington and at Lee High School. For more information, visit our website at www.berkshirecc.edu/alp or contact Kelly Jourdain at 413-236-2174.
Berkshire Community College has a rolling admissions policy. As completed applications are received, decisions are made on a first-come, first-served basis. Except as noted elsewhere in this catalog, students may begin their coursework for most programs in the fall, spring or summer. Applications must be received three months prior to the intended semester start date.

**OBTAINING AN APPLICATION FOR ADMISSION**

- Call 413-236-1630;
- Visit BCC’s Admissions Office in F-114 at BCC’s Main Campus (see Main Campus Map on page 7);
- Visit the South County Center in Great Barrington; or
- Visit BCC’s website and apply online: www.berkshirecc.edu/apply

**GENERAL ADMISSIONS POLICY**

Students who want to enroll in one of BCC’s degree or certificate programs, whether full- or part-time, must be admitted to the College. Enrolling in a program is called matriculating.

Some programs restrict entrance to applicants who have not already met specific requirements. Applicants who have not yet met those requirements can be admitted to the College to enroll in prerequisite courses.

For applicants who have a name change, the Admissions Office will need legal documentation of change of name.

**ADMISSION REQUIREMENTS**

Requirements for admission include:

1. An official final high school transcript issued from the school that includes senior grades and graduation date;
2. Official college transcripts from a regionally accredited institution, demonstrating 60 or more credits earned; or
3. A High School Equivalency Credential official score report.

Although not required, meeting with an Admissions Counselor is especially recommended to clarify choice of program, applicability of previous coursework, requirements for international students and any other questions. Prospective students and/or their parents are encouraged to visit the campus and may request a guided tour by contacting the Admissions Office at 413-236-1630 or admissions@berkshirecc.edu.

BCC will not admit students concurrently into any two of the following degree or certificate programs: Physical Therapist Assistant, Respiratory Care, LPN or Nursing.

**FULL- & PART-TIME STUDENTS**

Students who are admitted to a BCC program of study may choose to enroll as either full- or part-time students in any given semester. BCC defines a full-time student as one who enrolls for 12 credit hours or more per semester. Most agencies and programs, including financial aid, veterans’ assistance, varsity athletic eligibility, the Social Security Commission and insurance benefits, also define a full-time course load to be at least 12 credits per semester.

**INTERNATIONAL STUDENTS**

Berkshire Community College is pleased to welcome international students to our campus and is authorized under federal law to enroll non-immigrant students.

**International Student Admission Requirements**

1. An official translated high school transcript (or high school equivalency program);
2. Official transcripts from any other colleges attended (indicating graduation date);
3. An affidavit of financial support (estimated at $21,000 to reflect tuition, fees, health insurance and all housing and living expenses); and
4. Completion of the Berkshire Community College International Student Application Form.

Upon arrival, international students are required to take a placement test to determine the appropriate level at which coursework should begin. Based on these test results, placement in college preparatory English, reading and mathematics courses may be required in preparation for a student’s success in college-level courses.

Some additional admission requirements may be in effect for the Nursing and Allied Health programs.

**Test of English as a Foreign Language (TOEFL)**

International students whose official language is not English must provide the scores of their TOEFL test. The scores should be 500 or above if the test was done on paper, 173 on the computerized test or 61 on the Internet-based test (IBT). To find out about the TOEFL, visit www.ets.org/toefl. TOEFL scores must be sent to the Admissions Office at Berkshire Community College.

**LEARNING SKILLS ASSESSMENT**

Unless exempted, all applicants to BCC must complete a learning skills assessment in writing, reading and mathematics before registering for courses. The skills assessment is administered by the Assessment and Testing Center (see page 36). Assessment results are used for placing students in courses consistent with their abilities.

Students who have completed previous college-level coursework in English and mathematics with a grade of C or better may be exempt from the assessment. Exemption decisions are made by the appropriate Admissions Office staff after reviewing an applicant’s admissions file.

**IMMUNIZATION**

Regardless of their year of birth, all full-time day students (12 credits or more), all full- or part-time students in Nursing and Allied Health programs, and all foreign-born students are required to present evidence of:

- One dose of Tdap;
- Two doses of MMR vaccine (given at least one month apart beginning at or after 12 months of age);
- Three doses of Hepatitis B; and
- Two doses of Varicella

Nursing and Allied Health program students, and all foreign-born students must have current Tuberculosis testing. Students must complete and return the Immunization Form included in their welcome packet to the Immunization Records Office (A-100) before the first day of classes. Failure to return the form will subject the student to withdrawal from the College. Additional copies of the form are available in Admissions (F-114) and the Immunization Records Office (A-100).
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All international students are required to present evidence of at least one dose of rubella vaccine, two doses of live measles vaccine given at least one month apart beginning at or after 12 months of age, and a booster dose of Td (Tetanus and Diphtheria) within the last ten years. International students will be given a tuberculosis test after their arrival.

ONLINE LEARNING

BCC offers fully online, hybrid and web-enhanced courses that utilize the Moodle Learning Management System (LMS). A simple interface with drag and drop features, Moodle is easy to use. The platform is web-based and can be accessed anywhere at any time. This online resource provides learning tools such as course announcements, discussion forums, online assessments, web links and audio/video tools. A student may obtain a Liberal Arts degree by taking online courses exclusively, with the exception of attending an on-campus science lab when fulfilling the laboratory science requirement. In addition to providing such expanded access for students, Moodle serves as a powerful “out-of-class” learning resource for instructors teaching courses on campus. The Academic Technology department provides ongoing LMS support and training for students and faculty.

ORIENTATION

All new students participate in orientation, whether entering the spring or fall semester. The purpose of orientation is to help students make the transition to BCC by acquainting them with the facilities, resources, services, activities and policies of the College.

RE-ADMISSION TO THE COLLEGE

Students who have previously attended BCC and are returning after a lapse of one semester or more must apply for re-admission to the College (see page 32). See the Dean of Nursing, Health and Social Sciences for re-admission to a health program.

JOINT ADMISSIONS PROGRAM

BCC’s Formal Joint Admissions Agreements with the University of Massachusetts and all other four-year state colleges in Massachusetts are now a part of the MassTransfer program (see page 30). Colleges and universities outside of Massachusetts that have joint admission and/or transfer articulation agreements with BCC are shown on page 35.

SPECIAL REQUIREMENTS

Students interested in any BCC Nursing, Allied Health, Early Childhood Education, Elementary Education or Human Services program of study should be aware of the following:

Health Care Programs & Nursing

Most Nursing and Health Care programs at BCC have specific entrance requirements listed in the Programs of Study section starting on page 45. These programs include the Practical Nurse and Massage Therapy certificate programs; and the associate degree programs in Health Science (except Physical Fitness), Nursing, Physical Therapist Assistant and Respiratory Care.

Admission to these programs is restricted to applicants who meet the requirements, and also depends upon available space in the program. Students applying to these programs use the same application form as other students plus a matriculation form specific to each individual program. In addition, the Respiratory Care and Physical Therapist Assistant programs are offered on a cyclical basis.

For the associate degree in Nursing program, applications and matriculation forms must be received by the Admissions Office by March 1 to be considered for the fall semester. This program has a selective admissions process. Decisions are mailed to students by mid-April. All students in Nursing and Health Care programs (except Physical Fitness) must comply with state legislation (Chap. 76, Sec. 15C, General Laws of Massachusetts) and provide proof of inoculation to contracted agencies that serve as clinical sites. Students should refer to the matriculation form for their program, which will outline immunization requirements and deadlines.

Students must provide proof of a physical examination and proof of disease or laboratory testing for immunity by the deadline established by their program.

To allow for clinical experience, proof of immunization will be shared with the Dean of Nursing, Health and Social Sciences, the Director of Nursing (DON), the department chair and contracted agencies.

BCC will not admit students concurrently into any two of the following degree or certificate programs: Physical Therapist Assistant, Respiratory Care, LPN or Nursing.

Criminal & Sex Offender Record Information Checks (CORI/SORI)

Students interested in participating in an academic, community or clinical program that involves working with a vulnerable population (children, the disabled or the elderly) will be required to undergo a Criminal Offender Record Information (CORI) check and a Sex Offender Registry Information (SORI) check. Students found to have certain criminal convictions or pending criminal actions will be presumed ineligible to participate in such activities unless cleared by BCC’s CORI Review Committee following procedures set forth by the Commonwealth’s Department of Criminal Justice Information Services (DCJIS). The College is authorized by the DCJIS, pursuant to Massachusetts General Laws, Chapter 6, Sections 167A, 172, Chapter 30A, and regulation 803 CMR 2.00 to review and assess criminal history records. Sex Offender checks shall be performed pursuant to Massachusetts General Laws, Chapter 6, Section 178J.

For more information regarding the College’s CORI/SORI check process, please contact Mary Martin, CORI Administrator, at 413-236-1602.

STUDENT POPULATIONS

In addition to the general admission information provided, different populations should be aware of the following admission-related information that is specific to their category.

Current High School Students

BCC welcomes qualified high school students who would like to take college courses. These students may take credit or noncredit courses without being formally admitted to the College.

BRIDGE TO COLLEGE

Through BCC’s Bridge to College program, Berkshire County high school seniors may in enroll in one college course free of charge. BCC will waive tuition and fees. Students may take any college level course (for which they meet the prerequisites) online, at BCC’s Main Campus or at a BCC off-campus center.

Bridge to College applications are available on BCC’s website. Eligible students must be Massachusetts residents and obtain approval from their guidance counselor. A parent or guardian’s signature is required for students under age 18. Students must meet all course prerequisites, typically through BCC’s Learning Skills Assessment, prior to registering. Interested students should complete an application and contact BCC’s Advising Center at 413-236-1620 to register for classes. The Bridge to College program is contingent upon state funding.

www.berkshirecc.edu/admissions
APPLYING FOR ADMISSION

DUAL ENROLLMENT — THE HIGH SCHOOL STUDENT (HSST) PROGRAM

High school students who wish to meet some of their high school graduation requirements at BCC may be able to do so by applying for admission to the high school student (HSST) program. Preference is given to high-achieving students, primarily seniors, who have been properly prepared for appropriate college-level work and who have maintained a 3.000 GPA. Students in this category are required to take the BCC Skills Assessment.

In addition to a transcript, a letter on official high school stationery or letterhead stating that the student has the permission of the high school principal or guidance counselor is also required. Interested students should contact Admissions at 413-236-1630.

Eligible students may apply for one free (waived tuition and fees) dual enrollment course through BCC’s Bridge to College program (see page 13), and additional courses may be taken at the student’s expense.

CAREER VOCATIONAL TECHNICAL EDUCATION LINKAGE

The Career Vocational Technical Education (CVTE) Linkage Initiative at BCC works with local high schools to provide a smooth transition for high school career vocational students into their post-secondary programs of choice. This program offers high school students an opportunity to explore and connect with career and technical education programs at the College.

Students in aligned CVTE programs may be able to receive college credit for some of their high school coursework upon matriculation to BCC under the terms of statewide and/or local articulation agreements between the College and their high school for non-duplication of coursework, provided they meet the requirements outlined in these agreements. For additional information about statewide articulation agreements, visit www.masscc.org/articulation.

Selected BCC programs that may be aligned include: Allied Health, Business Administration, Business Careers, Computer Information Systems, Culinary Arts, Engineering and Engineering Technology, Environmental Science and Hospitality Administration.

Interested students should contact their high school guidance counselor or the CVTE Linkage Coordinator at BCC at 413-236-2180.

Traditional Students

In academic terms, traditional students are recent high school graduates who enter college shortly after graduation. BCC has a free summer program (see College Connection on page 37) for graduating high school seniors from Berkshire County who have been admitted to BCC for the fall semester. The program is a collaboration between BCC and area high school faculty.

Held weekdays in August, the program allows students to get a head start on their transition from high school to college. Components include: math, English, computer technology, stress management and the dos and don’ts of a successful first semester in college.

Interested students should contact their guidance counselor/advisor, high school representative or Louise Hurwitz, BCC’s Director of Development and Transition Programs, at 413-236-2172.

Non-Traditional Students

More than half of BCC’s student population is 22 years or older. These students include those returning to school after a long absence, parents and displaced workers. Some never graduated from high school and need to earn an alternative high school credential. Others have their alternative high school credential, but worried about their ability to succeed in college. To assist this population, BCC has specially trained counselors to help these students make a smooth transition back to school while they balance the other demands of their adult lives.

HIGH SCHOOL EQUIVALENCY TEST (HSET®)

BCC is a Testing Center for the Massachusetts Alternative High School Credential Program (HSET). Students who successfully pass the five sub-tests earn a Massachusetts State High School Equivalency Diploma. For information, contact the Testing and Assessment Center at 413-236-1655 or 413-236-1656. To register, visit hiset.ets.org.

Home-Schooled Students

All home-schooled students without a high school diploma or alternative high school credit to apply for admission to a degree or certificate program provided they have successfully completed an approved home school program in accordance with Massachusetts General Laws or the laws of their home state.

To determine whether a student has participated in an approved home-school program, the student shall submit (with the application for admission) evidence that the home-school program was approved by the student’s school district’s superintendent or school committee. Additionally, if the home-schooled student is under the age of compulsory attendance (16 years old in Massachusetts), a letter from the student’s school district’s superintendent or school committee is required stating that the student is not considered truant and would not be required to attend further schooling or continue to be home-schooled if the student has completed his/her home-school program before the age of 16.

If the home-school program was not supervised under a school district, BCC recommends that the applicant complete an alternative high school credential. For more information, please contact the Admissions Office at 413-236-1630 or admissions@berkshirecc.edu.

Students Under Age 16

The College reserves the right to limit or deny enrollment of any student under the age of 16 in a course or program based on a case-by-case consideration of a variety of factors, including but not limited to: the student’s maturity, life experience, placement test scores, prior education, course content, instructional methodology and potential risks associated with participation in a particular course or program.

Project Link

Project Link prepares Massachusetts High School Equivalency Credential Holders and English for Speakers of Other Languages (ESOL) students to enter BCC degree and certificate programs at no cost to students. Participants take courses in basic writing, reading and mathematics, and attend seminars on such topics as study skills, employment prospects and applying for financial aid. Students receive one-on-one advising and assistance throughout the program to ensure it fulfills their individual educational needs. For more information or to apply for selection, call Barbara Baker, Project Link Advisor at 413-236-2175.

Non-Degree Students

Anyone interested in taking courses without enrolling in a degree or certificate program may do so as a non-degree student. Non-degree students may sign up for courses as long as they can document that they meet or exceed any prerequisites the course may have. Results of the BCC Learning Skills Assessment or another college transcript may be used to meet this requirement.

Non-degree students do not need to apply for admission to the College in order to take courses. Non-degree students are not eligible for financial aid.

Other Populations

Other populations that may fall into any of the previous categories include the following:

EVENING STUDENTS

Evening students who wish to enroll in a program of study should apply through the Admissions Office. Degree programs that can be completed entirely through evening study are Business Administration, Business Careers, Fire Science and Liberal Arts. Other programs may require a combination of day and evening study. Online courses also serve as an important resource in completing a program.

INTERNATIONAL STUDENTS

BCC welcomes international students from all over the world. The College recognizes the value of a diverse student body and works toward improving international understanding through the cultural exchange that international students provide.

Official transcripts of all studies at the high school level and college or university transcripts, if applicable, must be submitted in English. Applications should normally be made three to six months in advance of the expected entrance date. The Admissions Office provides the necessary documents for students to obtain an F-1 Student Visa and assistance in maintaining status while at the College. See also International Students on page 12.

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NEW ENGLAND & NEW YORK REGIONAL STUDENTS
Students who are legal residents of any New England state or of New York State are eligible for reduced rates under the New England Regional Student Program and Border States Initiative. Students in these states pay tuition equal to 150 percent of applicable resident tuition.

SENIOR CITIZENS
Senior Citizens who are legal residents of Massachusetts and are 60 years of age or older may qualify for a categorical tuition waiver. With the waiver, seniors pay no tuition and about one-third the credit course fees paid by non-senior students. Application forms for the tuition waiver are available in the Registrar’s Office. Completed forms should be submitted along with proof of age (e.g., driver’s license). If qualified, the Registrar’s Office will issue a tuition waiver certificate good for one academic year at a time.

Qualified seniors who are non-degree students are issued a “space available” tuition waiver. “Space available” means that there is sufficient paid enrollment to meet minimum class-size requirements, but the course is not full. “Space available” registration generally begins about two weeks before the start of each semester. Specific registration dates and fee amounts are announced in the Semester Schedule.

STUDENTS WITH DISABILITIES
The Disability Resource Center (DRC) provides reasonable accommodations to qualified students with documented disabilities. To receive services, students must self-identify, provide documentation of their disability and meet with the DRC staff to develop an individualized academic accommodation plan. To schedule an appointment, call 413-236-1605.

TRANSFER-IN STUDENTS
BCC welcomes transfer-in students, including veterans with prior military training and/or experience. Applicants requesting transfer of previous college experience to BCC must provide BCC with official transcripts from their previous college(s) and high school. Official transcripts are also needed to meet the admission requirements for Nursing and Allied Health.

BCC may grant credit from regionally accredited institutions where a grade of C (2.000) or better has been earned and where the course content parallels the requirements in a student’s program at BCC. Students may also request the granting of credit for transfer courses that are not degree requirements if the courses can be applied toward completion of the MassTransfer block, provided the credits are added to the BCC transcript prior to graduation.

Transfer students planning to graduate from BCC may not account for more than one half of a program’s graduation credit requirements by transfer, credit by exam, prior learning experiences or any combination of these.

International transcripts must be reviewed by an external evaluation service. Contact the International Admissions Counselor at 413-236-1636 for more information.

VETERANS, NATIONAL GUARD & RESERVES
The Registrar’s Office assists veterans, their dependents or spouses, and members of the National Guard/Reserves in determining their eligibility for education benefits. Students who are eligible for benefits through a program administered by the Veterans Administration are provided with assistance in filing for benefits.

PROGRAMS ADMINISTERED BY THE VA INCLUDE:
• Post 9/11 G.I. Bill Veterans Education Assistance Act of 2008;
• Montgomery G.I. Bill — Active duty (MGIB-AD), Chapter 30;
• Montgomery G.I. Bill — Selected Reserve (MGIB-SR), Chapter 1606;
• Reserve Educational Assistance Program, Chapter 1607;
• Survivors’ and Dependents’ Educational Assistance (DEA) Chapter 35; and
• Vocational Rehabilitation (VR&E), Chapter 31.

In addition, the Registrar’s Office administers the Commonwealth of Massachusetts tuition waiver programs for eligible veterans with specified wartime service and eligible members of the National Guard. As each program has a different set of eligibility, filing and compliance rules, students are encouraged to contact the Registrar’s Office for an explanation of program benefits and requirements.

See Valor Act Academic Credit Policy on page 39.

Advanced Standing & Non-Traditional Credit Options
BCC students may receive credit for educational experiences outside the traditional college setting. Students interested in qualifying for any of the options described below should consult the department, faculty member or other advisor overseeing the testing or assessing of the educational experience. To be eligible, students must be matriculated (accepted in a program of study). Most options require payment of tuition and fees for the credits earned.

Students may not account for more than one half of their program’s graduation requirements with credits earned by transfer, examination, prior learning experiences or any combination of these.

In addition, students must make sure that the official transcripts and scores necessary for determining advanced standing are sent to the Admissions Office.

CHALLENGE ASSESSMENTS
Challenge assessments allow students to receive credit, but no grade, for selected BCC courses listed in the BCC catalog. Students pass an exam that shows proficiency in the subject matter of the course. Students file this documentation in the Registrar’s Office. The faculty member who offers the course and the department chair must approve the granting of credit. Students must have declared their major. Application forms for challenge assessments are available from the Registrar’s Office.

NATIONAL STANDARDIZED TESTS
Credit is also granted for certain scores on national standardized tests. Students must score 3 or above on an advanced placement exam designed to assess college-level work at a secondary school. Check with high school guidance counselors for scheduling.

Students taking the College Level Examination Program (CLEP) test of the College Entrance Examination Board (CEEB) must score within the nationally recognized norms to earn credit. Credit will be given for CLEP exams with a passing score of 50 (the recommended national cut score).

Scores of 47 percent or above are required for tests of the Defense Activity for Nontraditional Education Support program (DANTES).

Check with the Assessment and Testing Center at 413-236-1655 or 413-236-1656 for scheduling and requirements. In some instances, additional requirements must be met before credit will be awarded.

PRIOR LIFE LEARNING EXPERIENCE
A maximum of 8 credits for two classes may be awarded for life experience gained outside an academic environment. Letters of recommendation, a portfolio, artwork, seminars, licenses and other similar documentation are required for “proof-of-experience.” Non-collegiate training may also receive credit. This includes various training and refresher courses offered by business, industry, service agencies, the Armed Forces and the government. Students must provide diplomas, certificates and other evidence of instruction. Credit is not automatic — each request is evaluated separately. For more information, contact the Advanced Standing Coordinator at 413-236-1631.

www.berkshirecc.edu/admissions
Affordable cost is one of the many advantages of attending a community college. This is especially true for students planning to earn a bachelor’s degree. By enrolling at BCC for their freshman and sophomore years before transferring to a baccalaureate institution, these students can save thousands of dollars on the cost of their education.

BCC charges tuition, a college service fee and a technology fee for every registered credit. The actual cost per credit depends on whether the student is taking day, evening and/or online courses, and the student’s residency. The total cost per semester depends on the number of credits the student takes, the cost of books and supplies, travel to and from BCC, and any additional expenses and fees.

Students and parents should also note that there are several ways to further reduce the cost of a college education. These include financial aid (see page 18), a statewide MassTransfer program (see page 30) and the higher education tax incentives provided by the Taxpayer Relief Act of 1997. Tuition, fees and refund policies may change without notice.

**TUITION & FEES**

To determine their tuition and fees, students should carefully read the following two paragraphs. Students auditing a course (see page 23) pay the same rates as students taking the course for credit.

**Day Courses**

Day courses are defined as courses that take place Monday through Friday and begin before 4:00 PM during the Fall and Spring semester. The tuition and fees for day courses are based on the number of credits the student takes, the cost of books and supplies, travel to and from BCC, and any additional expenses and fees.

**Evening & Online Courses**

Evening courses are defined as:

1. All courses starting at or after 4:00 PM;
2. All courses held on weekends; and
3. All courses offered during the summer.

All evening/online courses are charged the Massachusetts resident rates (see Tuition & Fees on this page).

**Health Insurance**

Students covered under a comparable health insurance plan may waive the health insurance fee. A link to the waivers can also be found online at www.berkshirecc.edu.

**HEALTH INSURANCE TIMELINES & FEES**

- Fall (9/1 through 8/31) ........................................ $1,629
- Spring (1/1 through 8/31) ................................. $1,088

**Massachusetts Public Interest
Issues Research Group (MassPIRG)**

All BCC day students are automatically charged a $9 contribution each semester to MassPIRG. Students who wish to waive the fee must submit a completed waiver form to the Student Billing Office.

**Other**

Depending on the needs and circumstances of each student, the following fees may apply:

- Student Activity Fee (per semester) ................ $25.00
- Challenge Assessment Fee (per credit) .......... $30.00
- Late Payment/Reinstatement Fee (per semester) $100.00
- Life Experience Fee (per credit) ................. $30.00
- Returned Check Fee (per check) ............... $20.00
- TIPP Fee (per semester) .......................... $30.00
- Transcript Fee (per copy) ......................... $3.00
- Lost Check/Stop Payment Fee (per check) .... $30.00

Additional fees specific to individual programs may apply.

**To calculate your total tuition & fees...**

Multiply the total per credit cost from the list above by the number of credits you are taking.

**Example:** $205 per credit x 12 credits = $2,460

---

**Tuition & Fees**

**2016–2017 Academic Year**

**Registration Fee (applies to all students)**

Registration Fee (per semester) ......................... $20.00

**Massachusetts Residents**

The following rates apply to Massachusetts residents for day courses, and to all students, regardless of residency, for evening and online courses:

1. Be a Massachusetts resident for at least six months prior to the start of a semester; and
2. Submit a completed Residency Form to the Registrar’s Office. Students who do not submit a Residency Form will be assessed out-of-state rates.

- **Tuition (per credit) ........................................ $26.00**
- **College Service Fee (per credit) .................. $159.00**
- **Technology Fee (per credit) ....................... $20.00**
- **Total ......................................................... $205.00**

**New England & New York State Residents**

The following rates apply to New England residents (other than the state of Massachusetts) and New York State residents for day courses:

- **Tuition (per credit) ........................................ $39.00**
- **College Service Fee (per credit) .................. $159.00**
- **Technology Fee (per credit) ....................... $20.00**
- **Total ......................................................... $218.00**

**All Other Residents**

The following rates apply to international students and all other out-of-state residents for day courses:

- **Tuition (per credit) ........................................ $260.00**
- **College Service Fee (per credit) .................. $159.00**
- **Technology Fee (per credit) ....................... $20.00**
- **Total ......................................................... $439.00**

* Fees are subject to change.
COST OF ATTENDANCE

BILLING & PAYMENT
Students are required to respond to their bills even if payment is covered by financial aid or another source.

Semester Bills
Bills for the fall and spring semesters are mailed to the student’s home address on file in the Registrar’s Office. Fall semester bills are mailed in mid-July and are due in mid-August. Spring semester bills are mailed in mid-December and are due in early January.

Payment Procedures
Payment for the fall and spring semesters is due as indicated on the student’s bill. Payments not received by the due date are subject to a $100 late fee. Payment for summer courses is due at the time of registration.

Three Installment Payment Plan (TIPP)
To assist students in paying their bills, the College offers a Three Installment Payment Plan (TIPP). The plan requires a co-maker and a non-refundable $30 application fee. Application forms are available in the Student Billing Office (F-108) and online.

Paying the Bill
The College accepts cash, checks, American Express, Discover, MasterCard and Visa. Payments may be made:
- In-person at the Student Billing Office (F-108), located on the first floor of the Field Administration Center on BCC’s Main Campus in Pittsfield;
- In-person at the South County Center, 343 Main Street, Great Barrington;
- By telephone, 413-236-3042 or 413-236-3043 during business hours, 8:00AM–4:00PM, Monday through Friday; or
- By WebAdvisor 24 hours a day. Follow the WebAdvisor link at: www.berkshirecc.edu/mybcc.

Additional Bills
Students may receive at least one additional bill during a semester if they:
- Enrolled in the Three Installment Payment Plan (TIPP);
- Registered for additional credits; or
- Received financial aid or scholarship awards that did not sufficiently cover all charges.

Returned Checks
A check with insufficient funds is generally deposited twice and only returned to the College if it does not clear the second time. Returned checks will result in the payment being removed from the student’s account and the assessment of a $20 returned check fee. Students will be notified in writing of this action. Repayment must then be made by cash, bank check, money order or credit card.

Balances at the End of a Semester
Student accounts with an outstanding balance after final bills are due will be placed on hold. A series of four letters requiring immediate payment will be sent to the student. Failure to pay will result in the student’s account being turned over to an approved collection company, and the student will be responsible for all collection costs and other fees incurred in the collection of the debt.

Refund Policy
The College adheres to the following refund policy:
- Non-attendance alone does not qualify a student for a refund. Students must initiate, in writing, a course drop or All College Withdrawal Form;
- Credit course refunds are based on the student’s official date of withdrawal as determined by the Registrar’s Office;
- Full refunds are granted for any course canceled by the College;
- Refunds are processed after the end of the refund period according to the Per Credit Refund Table on this page; and
- Refund checks are mailed to the student’s home address on file in the Registrar’s Office. Credit card payments will be refunded to credit cards.

STUDENTS ON FINANCIAL AID
Recipients of financial aid should also see Withdrawal/Refund Policy for Financial Aid Recipients on page 20 for additional information.

<table>
<thead>
<tr>
<th>PER CREDIT REFUND TABLE</th>
<th>Fall &amp; Spring Semester Courses</th>
<th>Before 1st Day of Semester</th>
<th>1–6 Days* of Semester</th>
<th>7–10 Days* of Semester</th>
<th>After 10th Day* of Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Students</td>
<td>100%</td>
<td>75%</td>
<td>50%</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td>Summer Courses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Students</td>
<td>100%</td>
<td>75%</td>
<td>50%</td>
<td>$0</td>
<td></td>
</tr>
</tbody>
</table>

* Days refers to business days (weekends, holidays and other non-business days are excluded).
The Financial Aid Office mission is to remove economic barriers for students attending BCC so that they can focus on their studies and achieve their academic and career goals. Financial aid can make all the difference in a student’s academic success, and we want to help them succeed. Each year nearly 1,800 students receive an average award of $5,875 to attend BCC. Fifty-three percent of BCC’s 2015 graduating class have borrowed student loans with an average loan debt of $8,380.

**TYPES OF FINANCIAL AID**

Day and evening, full- and part-time students are eligible to apply for aid. Students can get financial aid without being eligible for a Federal Pell Grant. Students receiving financial aid may also qualify for the TRIO Program (see page 39).

Financial aid is available in the following forms:

- **Grant**, **waiver** and **scholarship programs** provide free monies that can be applied to college expenses and do not have to be repaid.
- The **Federal Work-Study program** provides part-time jobs so students can earn while they learn. Paychecks can be used to cover living expenses and college costs. The added benefit of this program is the opportunity to gain work experience and references.

**SOURCES OF FUNDING**

The primary sources of student aid at BCC are shown below. Also shown is the minimum required credit load a student must take in order to qualify for aid from that source.

<table>
<thead>
<tr>
<th>Source</th>
<th>Minimum Required Credit Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Pell Grants</td>
<td>1</td>
</tr>
<tr>
<td>Federal Supplemental Educational Opportunity Grants</td>
<td>6</td>
</tr>
<tr>
<td>Federal Work-Study</td>
<td>6</td>
</tr>
<tr>
<td>Federal Direct Student Loans</td>
<td>6</td>
</tr>
<tr>
<td>Massachusetts Tuition Waivers</td>
<td>3</td>
</tr>
<tr>
<td>Massachusetts Cash Grants</td>
<td>3</td>
</tr>
<tr>
<td>MASSGrants Limited to four semesters for degree candidates; two semesters for certificates</td>
<td>12</td>
</tr>
<tr>
<td>Massachusetts Part-Time Grants</td>
<td>6</td>
</tr>
<tr>
<td>BCC Grants</td>
<td>3</td>
</tr>
<tr>
<td>BCC Foundation Grants/Scholarships</td>
<td>6</td>
</tr>
</tbody>
</table>

**BCC FOUNDATION SCHOLARSHIPS**

Once a year the BCC Foundation embarks on a scholarship campaign for transfer, returning and incoming students.

The campaign for **returning and transfer students** begins in February, with applications usually due the first week of March. Award notices are sent to students the first week of May. Students must maintain a 2.75 GPA to be eligible for a scholarship.

The campaign for **incoming students** begins the second week of March. Applications are due mid-April and award letters are mailed the end of May.

This is the only time of year that the BCC Foundation awards scholarships. Scholarships range from $250 to full tuition and fees, and awards are granted according to merit and financial need. The application can be found online at www.berkshirecc.edu/scholarships. Only one application is necessary to qualify for all BCC Foundation scholarships.

**ELIGIBILITY REQUIREMENTS**

Day and evening, full- and part-time students are eligible for financial aid consideration. Everyone who applies can qualify for some type (or combination) of aid. To receive aid, a student must meet the following requirements:

- Have financial need (except for certain loan programs);
- Be accepted into a degree or certificate program;
- Be a U.S. citizen or permanent legal resident; and
- Make satisfactory academic progress.

Federally funded financial aid programs require students to be U.S. citizens or permanent residents. State funded programs require the student (and parent) to have been Massachusetts residents for at least one year before start of the school year. International students with a strong GPA (3.0+) can earn the possibility of applying in the spring for BCC Foundation grants.

**FINANCIAL AID APPLICATION PROCESS**

Applying for financial aid is easy. Simply follow the steps below:

- **Create an FSA ID at www.fafsa.gov**. The FSA ID is used to electronically sign the Free Application for Federal Student Aid (FAFSA). One parent of a dependent student must also create an FSA ID to sign the FAFSA. As a FAFSA must be renewed annually, applicants should record their user names, passwords and challenge questions/answers for future reference.

- **File the FAFSA by May 1 each year** (filing deadline for Massachusetts residents): There is no charge for filing a FAFSA at www.fafsa.gov. Pop-up boxes provide step-by-step instructions on how to complete each question.

BCC’s Federal School Code is 002167.

- **After filing the FAFSA, if asked, submit IRS Tax Return Transcripts, W-2 Form(s) or other documentation to the Financial Aid Office**. Complete verification requirements by July 1 each year to maintain on-time priority applicant status (see When to Apply on page 19). Mark each document with the student’s full name and BCC Student ID, then:
  - E-mail to Natalia Eddy at neddy@berkshirecc.edu; or
  - Fax to 413-442-8930; or
  - Mail to BCC Financial Aid Office, 1350 West Street, Pittsfield, MA 01201.

- **Apply for admission at www.berkshirecc.edu/admissions**. Students must be admitted to a certificate or degree program to qualify for aid. If accepted at BCC prior to graduating from high school, submit an official high school transcript with proof of graduation to the Admissions Office as soon as possible. Students who have broken enrollment or graduated must re-admit to receive aid.
WHEN TO APPLY
Time = $$$ @ BCC
Students benefit from applying for financial aid by May 1 each year. Regardless of residency, all students who file their FAFSA on time (by May 1) and complete the financial aid process by July 1 receive priority award consideration at BCC. Priority awarding means:
- On-time filers who qualify for a Federal Pell Grant will have their tuition and fees paid in full up to 12 credits each semester; and
- Students who file their FAFSA after May 1 will receive consideration for a Federal Pell Grant and student loans, but state aid is available to late filers on a limited basis only while funds last.

Visit www.berkshirecc.edu/financialaid to learn more.

FEELING SHORT-CHANGED?
The only way to qualify for aid is to apply to and reapply every year. Keep in mind, students can get aid without being eligible for a Federal Pell Grant. For students who do not qualify for grant aid or feel that their award is not enough to support their enrollment, the following may help:
- Meet with a financial aid counselor to re-evaluate the award in light of any unique circumstances; and
- Consider the College’s Three Installment Payment Plan (see page 17) that allows students to budget their payments over time. Many students view this as a better option than using credit.

DISBURSEMENTS
Financial aid funds, including loans and scholarships, are credited to the recipient’s account at the College. Financial aid can be applied to such college costs as tuition, fees, books and health insurance.

Students are required to respond to their bills even if payment is covered in full by financial aid. Non-response to a bill could result in cancellation of the student’s registration.

Students with financial aid in excess of their total charges receive a refund by mail approximately 45 days after the beginning of each semester and on a rolling basis thereafter as funds are received by the College.

FINANCIAL AID POLICY ON REPEAT COURSEWORK
Effective July 1, 2011, federal regulations (34 CFR Section 668.2 (b)) limit student financial aid eligibility for repeated coursework. Only one repetition is allowed for a course that has been previously taken and passed. This change does not limit students from retaking previously passed coursework multiple times; it simply limits federal Title IV* payment for previously passed courses.

Important points in this regulation:
- There is no limit on the number of times that financial aid can pay for a course that has not been passed. However, financial aid will pay for only one repetition of a course that was previously passed. (Passing includes grades of A, B, C or D.)
- This regulation is applicable to both full- and part-time students.
- For the purpose of determining repeat course eligibility, full-time is defined as 12 credit hours. For example, a student who is enrolled in 15 credits, including a repeat course, will not be impacted because the student is enrolled in 12 credit hours which are not repeats.

Federal Title IV aid will be based on the student’s adjusted enrollment status. This recalculation will be applied regardless of whether a student received financial aid for previous course enrollments. Students will be notified by mail if they are receiving Title IV aid and are enrolled in non-repeatable coursework.

EXAMPLE 2:
A student repeats a previously passed course. The student receives an F on the second attempt. The student attempts the course for a third time. The third course attempt will not be counted in total enrollment hours and the student will not receive aid for that class.

EXAMPLE 3:
A student repeats a previously passed course. The student withdraws from the course on the second attempt. The student attempts the course for a third time. The third course attempt will not be counted in total enrollment hours and the student will not receive aid for that class.

Appeals
Appeals will be considered for students with extenuating circumstances, proper documentation of new program or transferring degree requirements, and who are making Satisfactory Academic Progress for financial aid.

Under federal Satisfactory Academic Progress (SAP) regulations, a repeat course will count toward a student’s completion rate and maximum allowable credits for financial aid, whether or not the student successfully completes the repeat course and earns credit for it (see Satisfactory Academic Progress Policy on page 20).

BCC’s Federal School Code: 002167

$ALT

FINANCIAL LITERACY PROGRAMMING AT BCC
BCC has partnered with American Student Assistance, a nonprofit, to provide $ALT — a unique financial literacy and member services program to help students and alumni become money savvy for life. BCC is offering this program to students for free as a supplement to their college curriculum.

With $ALT, students can enjoy benefits such as:
- An engaging take on financial education;
- Help finding scholarships, internships and jobs;
- Exclusive deals and discounts to help save and spend wisely; and
- Student loan advice from experts.

Visit www.saltmoney.org/BCC to sign up and access exclusive benefits. For more information, contact the Financial Aid Office (F-122) at 413-236-1645 or 413-236-1643.

* Financial aid offered by the federal government is done so by the Department of Education. When Congress passed the Higher Education Act in the 1960s, it established certain types of financial aid to be offered to students (known as Title IV).
Satisfactory Academic Progress Policy

In order to be eligible for financial aid consideration, a student must be making satisfactory academic progress according to the standard requirements shown in the table below. Set by the U.S. Department of Education in Section 668.16 of the Student Assistance General Provisions, these requirements apply to all sources and all types of aid administered by the Financial Aid Office, including student loans. These requirements also apply to all periods of enrollment including those for which the student did not receive financial aid. These requirements differ from BCC’s academic standards for eligibility to enroll in classes.

<table>
<thead>
<tr>
<th>Attempted # of Credits</th>
<th>Minimum % of Credits Student Must Complete</th>
<th>Minimum Cumulative Grade Point Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–29</td>
<td>50.0%</td>
<td>1.500</td>
</tr>
<tr>
<td>30–44</td>
<td>58.5%</td>
<td>1.750</td>
</tr>
<tr>
<td>45 or more</td>
<td>67.0%</td>
<td>2.000</td>
</tr>
</tbody>
</table>

Grades such as F, IN, RE and W count toward attempted credits. A repeated course counts as another attempt, but only one of the attempts will be considered earned. Transfer credits from another college count toward both completed and attempted credits. To calculate your completion rate, divide the number of credits you have completed to date by the total number of credits you have attempted to date.

Maximum Allowable Credits

A student can receive financial aid for up to 150 percent of the published credits required for graduation from his/her program (excluding a maximum of 30 credits of any developmental coursework required). This limit applies to all credits attempted, including any program changes. Consideration will be given to dual majors and students seeking a second degree or certificate.

For example, if a program requires 60 credits to graduate, a student can receive financial aid for up to 90 credits in that program.

<table>
<thead>
<tr>
<th>Review Process</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TIMING/SCOPE OF REVIEW</strong></td>
</tr>
<tr>
<td>BCC will evaluate a student’s academic progress each year for which the student receives financial aid. By regulation, BCC reviews the student’s entire academic history, not only those terms for which he/she received aid and not only the most recent term. (See definition of term below.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUSPENSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A student who fails to make satisfactory academic progress will be suspended from financial aid and can expect to receive a Financial Aid Suspension Letter and Appeal Form. A suspended student is not required to pay back grants or waivers already received, nor is he/she prevented from applying for financial aid at another college. However, the student is no longer eligible to receive future financial aid at BCC.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUSPENSION APPEALS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Grounds for Appealing</strong></td>
</tr>
<tr>
<td>A student who meets with the Student Standing Committee and is allowed to re-enroll at BCC must still separately appeal a financial aid suspension or be prepared to pay college charges out-of-pocket. The student may appeal a financial aid suspension based on admissible conditions listed on the Financial Aid Suspension Appeal Form. Note that BCC will not consider appeals on the basis of pre-existing conditions or circumstances already cited on a previous appeal.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Appeal Review</th>
</tr>
</thead>
<tbody>
<tr>
<td>A suspended student should complete and submit the Financial Aid Suspension Appeal Form with supporting documents to the Financial Aid Office by the deadlines on the form. The Director of Financial Aid and the Financial Aid Appeals Review Committee will review the appeal and inform the student of their decision by mail.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Reinstatement/Probation</th>
</tr>
</thead>
<tbody>
<tr>
<td>A student whose appeal is approved receives a Reinstatement of Financial Aid letter and is placed on probation. The student will be required to limit his/her credit load to half-time status (6 to 8 credits per term) to ensure successful completion of all attempted credits, and to bring the academic record into compliance with required standards as soon as possible. At BCC, a student can remain on probation and remain eligible for financial aid for as many terms as needed to rehabilitate their academic record, providing the student makes satisfactory progress in all terms following the reinstatement of financial aid.</td>
</tr>
</tbody>
</table>

Regaining Eligibility

A student who is suspended can regain eligibility for financial aid consideration by successfully completing additional credits at his/her own expense or with the help of another agency, provided the student is still within the maximum allowable credits. The student should notify the Financial Aid Office once he/she has rehabilitated their academic record to comply with satisfactory academic progress standards for financial aid.

For more information about the satisfactory academic progress/suspension policy for financial aid recipients, contact the Financial Aid Office (F-122) at 413-236-1641.

Withdrawal/Refund Policy for Financial Aid Recipients

The College is required to calculate a refund for students who receive federal or state financial aid and who drop out or withdraw from the College.

What Happens to Financial Aid If a Student Drops Out or Withdraws from College?

If a student drops out or completely withdraws from college, the amount of financial aid that can be applied to their tuition/fee bill and bookstore charges may be reduced. Federal regulations require students to attend at least 60 percent of the semester to “earn” 100 percent of their eligible financial aid.

If a student drops out or withdraws from BCC before the 60 percent point in the semester (approximately the ninth week of fall/spring semester classes), the amount of their financial aid will be reduced in proportion to the percentage of the semester attended.

For example, students who attend the first 30 days of a typical 110-day semester will qualify for only 27 percent of their eligible financial aid (30/110 = 27 percent).

Possible Consequences of Dropping Out or Withdrawing

A student who drops out or withdraws from the College could find themselves owing a balance to the College. If a financial aid disbursement has already been made, they may be required to pay back the “unearned” portion of their financial aid. Failure to repay “unearned” financial aid can prevent students from receiving future financial aid at any college.

A term is defined as any period of enrollment to include Fall and Spring semesters, January intersession and Summer sessions.
Another possible consequence of dropping out or withdrawing from the College is the failure to maintain satisfactory academic progress standards (see Academic Progress Standards for Financial Aid on page 20). Classes that students start but do not successfully complete will count against them. For more information, refer to the College’s “Academic Progress/Suspension Policy For Financial Aid Recipients” (see Regaining Eligibility on page 20).

Avoid Future Problems — Complete an “Official” Withdrawal

BCC recognizes that circumstances beyond a student’s control can happen and withdrawal from college may be a necessity. We urge you to complete BCC’s official withdrawal process by contacting the Academic Advising Center (F-117).

To avoid future problems, students who receive aid (including student loans) should contact the Financial Aid Office for guidance when considering leaving BCC. Students should not just stop attending classes. Having instructors withdraw students from their classes is not the same as an official withdrawal from college. Financial aid recipients who withdraw from the College will be responsible for the balance owed BCC after their aid is reduced and returned to federal and state accounts.

For more information about federal and state refund policies for financial aid recipients, contact the Financial Aid Office (F-122) at 413-236-1642.

CODE OF CONDUCT – STUDENT LOAN PROGRAMS

Purpose

Berkshire Community College has adopted the following Code of Conduct which has been set forth by the Massachusetts Board of Higher Education to ensure the integrity of education lending practices of Massachusetts public colleges. It also formalizes long-standing codes of conduct practiced by public institutions of higher education in their efforts to provide affordable access to higher education.

Code of Conduct

The primary goal of Berkshire Community College and its financial aid staff is to help students achieve their educational potential by providing appropriate financial resources. Berkshire Community College’s financial aid professionals commit to a set of principles that serves as a common foundation for an acceptable standard of conduct.

Berkshire Community College and its financial aid professionals shall:

- Maintain the highest level of professionalism;
- Commit to the highest level of ethical behavior and refrain from conflicts of interest whether actual, potential or perceived;
- Respect the dignity and protect the privacy of students and ensure the confidentiality of student records and personal circumstances; and
- Provide information about lenders that have proven to offer the best combination of price, access and service to our students and families.

Further, Berkshire Community College shall ensure that all officers, trustees, directors, employees or agents (of the College) and financial aid professionals adhere to the following:

- Refrain from accepting gifts, meals, travel or anything other than nominal value from student loan providers in connection with the College’s student loan programs;
- Refrain from accepting (from a lending institution) money, equipment, printing services or anything of value that may suggest an advantage or preferred status;
- Refrain from accepting anything of value in exchange for service as a member of a lending institution’s advisory board;
- Annually review lender choices and clearly and fully disclose the criteria and process for selecting preferred lenders;
- Disclose information regarding any lender on the preferred lender list that has an agreement to sell loans to another lender;
- Make clear to students and families that they have the right to borrow through any lender of their choice regardless of a preferred lender list; and
- Refrain from linking or otherwise directing students and families to any electronic loan process or master promissory note that promotes or suggests preferred status for any lending institution.

Reporting of Policy Violations

Any employee who believes that any provision of this policy has been violated shall report such violation to the Chair of the College’s Board of Trustees, who shall then be responsible for immediately notifying the Chair and Chancellor of the Board of Higher Education. Upon review of the matter, the Board of Higher Education shall refer the violation to the Office of the Attorney General, if deemed appropriate.

FINANCIAL AID ASSISTANCE

For more information, visit the Financial Aid Office or BCC’s website at www.berkshirecc.edu/financialaid.

The Financial Aid Office is located on the first floor of the Field Administration Center in Room F-122.

Office hours are:
- Monday, Wednesday, Thursday………… 8:00AM–5:00PM
- Tuesday………………………………………8:00AM–6:00PM
- Friday………………………………………… 8:00AM–4:00PM

Although not required, appointments are encouraged — call 413-236-1644 or 413-236-1640.

We’re here to help you:
- Rachel Deschamps
  Clerk
- Natalia Eddy
  Administrative Assistant
- Karrie Trautman
  Coordinator of Financial Aid and Work-Study Programs
- Christopher Weingartner
  Coordinator of Financial Aid and Student Loan Programs
- Anne Moore
  Director of Financial Aid
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This section contains definitions, policies and procedures related to the academic affairs of the College that are not addressed elsewhere. For the convenience of the reader, topics are listed in alphabetical order. For more information on any topic, refer to the BCC website at www.berkshirecc.edu or call the appropriate contact person listed on page 152.

ACADEMIC ADVISING

Every BCC student enrolled in a degree program is assigned an academic advisor who assists in course selection and offers general information concerning the student’s academic life. During a designated registration period each semester, students meet with their advisors and register for the next semester. Students are encouraged to see their advisors as often as necessary to make certain they are taking courses appropriate for their academic and career plans. The advisor should also be consulted before students add or drop courses or change a program of study.

To learn the name of their academic advisor, students may check their WebAdvisor account, visit the Academic Advising Center or Registrar’s Office on the Main Campus, or visit the South County Center early in their first semester. Usually students have the same advisor throughout their education at BCC. However, students may change their advisor through the Academic Advising Center.

Students should monitor their own academic progress. Descriptions of specific courses are in this catalog. As are program descriptions which list specific course requirements for each academic program. Program descriptions for new programs not listed in the catalog are available in the Registrar’s Office and Academic Advising Center. Students can check their degree audit using their WebAdvisor account to track progress toward program completion.

Academic Advising is also responsible for the evaluation of any external credits from other institutions, by exam or prior life experience.

ACADEMIC CALENDARS

See the inside of the back cover for the Fall and Spring Academic Calendars, and a list of annual events at the College.

The academic year begins with fall semester courses starting the week of Labor Day and ending the third week of December. Spring semester classes begin in late January and end in May. Classes are also offered in the summer sessions and during the January Intercession. Calendars for upcoming semesters appear on the BCC website.

ACADEMIC HONORS

BCC recognizes the academic achievements of its students through the fall and spring Dean’s List, Convocation, Graduation Honors and Phi Theta Kappa. See Honors Opportunities on page 29.

ACADEMIC SUSPENSION & PROBATION

A student who receives a suspension notice may not attend classes. Suspension is recorded on the student’s transcript. A student who has been suspended and wishes to be reinstated must petition in writing and provide appropriate support documents for review by the Student Standing Committee. Students may be reinstated under conditions set by the Committee and monitored by the Student Success Center.

Probation is a strong warning that academic performance is below recommended standards. Students on probation are encouraged to make significant improvement in their grades during the following semester. Performance will be closely monitored by the Student Success Center. Probation is recorded on the student’s transcript. A student who fails to meet the criteria as stated in the table below may be suspended or placed on probation at the discretion of the Student Standing Committee.

Any student whose semester average is 2.000 or higher will not be suspended for a low cumulative average unless he or she is judged by the Student Standing Committee to have abused the W (Withdrawal) privilege. Students placed on probation or suspension are invited to appear before the Student Standing Committee to present evidence that they feel should be considered before final action is taken on their academic performance.

<table>
<thead>
<tr>
<th>SUSPENSION &amp; PROBATION CUMULATIVE AVERAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attempted Credit Hours</td>
</tr>
<tr>
<td>------------------------</td>
</tr>
<tr>
<td>1–29</td>
</tr>
<tr>
<td>30–44</td>
</tr>
<tr>
<td>45 or more</td>
</tr>
</tbody>
</table>

Berkshire Community College • 2016–2017 College Catalog
ADDITION COURSES
See Dropping & Adding Courses on page 26.

APPLICATION FOR GRADUATION OR CERTIFICATE COMPLETION
See Graduation on page 27.

ARTICULATION AGREEMENTS
For more than 15 years, the Transfer Office at BCC has developed articulation agreements with a variety of baccalaureate institutions for transfer students who have completed BCC associate degrees. These agreements, which are subject to change, stipulate that BCC graduates in specific areas will be automatically admitted to the receiving institution with full junior standing, if they have achieved a specified grade point average at BCC. Most of the agreements specify course equivalencies and prerequisites for majors so that potential transfer students can be guided in their course selection with assurance of maximum transfer credit. In addition, institutions which have entered into these agreements commit themselves to early advising of BCC transfers, including advance notice of proposed curriculum changes. Lists of these agreements may be found on page 35, Transfer Articulation Agreements and on page 30, MassTransfer Program.

ASSESSMENT OF STUDENT WORK
In keeping with BCC’s commitment to excellent educational experiences and high-quality programs for its students and keeping consistent with practices at other institutions within the state and nationally, BCC routinely engages in the assessment of student learning at the course, program, institution and system levels. The learning outcomes assessment process may include a variety of methods such as standardized tests, student surveys and focus groups, campus developed instruments and a review of student course and co-curricular work. In circumstances beyond the individual course level, where a student’s course or co-curriculum work is selected for assessment, the identity of the student will be protected. The student’s name, grade or other identifying information will be removed before the student work is reviewed. Selected student work may be subject to review by a limited cohort of higher educational personnel, primarily faculty. Assessment of student learning is undertaken primarily for the purpose of improving student learning, curriculum development, instructional improvement and enhancing student academic success. Assessment activities will have absolutely no effect on a student’s grade, academic standing, ability to transfer or ability to be graduated. BCC will take all the necessary steps to ensure the confidentiality of all student records and student work reviewed through this process in accordance with the Family Educational Rights and Privacy Act of 1974 (FERPA) regulation.

ATTENDANCE
According to college policy, students must attend every class meeting; however, it is recognized that circumstances sometimes make this impossible. For this reason, the number of absences in a course during one semester must not exceed the number of hours the class meets a week. In an online course, students must log in and participate on a weekly basis.

If the instructor believes that class absences have impaired the student’s learning and performance, or if a student in an online course has not logged in and participated for more than one week, the student may be withdrawn from the class with a grade of “W,” “WP,” or “WF,” depending on the student’s academic standing and date in the semester.

When a student must be absent from class for a week or more, the student should contact the Vice President for Student Affairs and Enrollment Services. For absences of less than a week for illness or other emergencies, the student should discuss the absence with the instructor as soon as possible before returning to class. A course syllabus may provide more information regarding absences.

Every student is responsible for the content and assignments in every class session, regardless of the reason for missing the class. Traditionally, students remain in class for 1.0 minutes, after which the class may be considered to be canceled if the instructor has not arrived.

AUDITING COURSES
A student who audits a course registers for the course but does not intend to receive credit for the course. Attendance requirements for audit students should conform with the instructor’s policy for the class as a whole, unless other arrangements are made between the auditing student and the teacher.

Students who audit a course are normally not required to complete work assignments, take tests or fulfill laboratory requirements. However, the auditing student(s) may request to be allowed to participate in such activities.

Some courses may not be appropriate for auditing.

Students who wish an audited course to appear on their transcript have not arrived.

Students who wish to change from audit to credit must complete a request form available from the Registrar’s Office. The same is true for students wishing to change from credit to audit. These changes must be done before, and no later than, the mid-term grade date.

Financial Aid cannot be used to pay for audited courses. A student who has previously received financial aid for a course being changed from credit to audit may be liable to repay a portion of the aid received.

CANCELLATIONS & DELAYS
See Cancellations & Delays on page 31.

CHANGE OF PROGRAM
Students may elect to change their program of study. To initiate this procedure, students should schedule an appointment with an advisor in the Academic Advising Center or the South County Center in Great Barrington.

“Seeing my son watch me graduate was one of the best feelings I’ve ever had. Hearing him yell ‘go mommy!’ made every struggle, every late night or sleepless night, and every early morning commute worth every second.”

Tonya Pupo
Class of 2015

Students who wish to change from audit to credit must complete a request form available from the Registrar’s Office. The same is true for students wishing to change from credit to audit. These changes must be done before, and no later than, the mid-term grade date.

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www.berkshirecc.edu/academicaffairs
ACADEMIC AFFAIRS

COLLEGE STORE

The College Store offers a number of services to students, faculty and staff. In addition to required textbooks, the store sells a wide variety of other items including: art supplies, clothing and merchandise, candy, novelties, office supplies, reference books and health products. Postage stamps and a variety of BCC and Falcons insignia items are also available.

Located in the Susan B. Anthony Center, the store is open Monday through Friday from 8:00AM to 4:00PM. During the first week of the fall and spring semesters, store hours are extended to 6:00PM, Monday through Thursday. Hours are also extended to 6:00PM during the first two nights of the second summer session.

During the week prior to the start of classes and the first three weeks of the semester, financial aid recipients may charge books and essential supplies against their remaining balance if they have remaining funds after tuition and fees are covered.

Students can sell their textbooks back to a buyer during the final exam week of the fall and spring semesters, once during the summer, and during the opening days of the fall and spring semesters.

COMMONWEALTH COMMITMENT

The Commonwealth Commitment is an innovative college affordability and completion plan to help more students achieve the dream of a college degree. This plan works in conjunction with the MassTransfer program. (See Commonwealth Commitment on page 31.)

CONFIDENTIALITY OF STUDENT RECORDS

The Family Educational Rights and Privacy Act (FERPA) of 1974 (also known as the Buckley Amendment) affords certain rights with respect to education records. These rights and other information may be found on the right, Confidentiality of Student Records.

COOPERATIVE EDUCATION

Through credit-bearing internships, designed with faculty and staff assistance, students put their classroom learning to work. Both on and off campus, one-, two- or three-credit internships may be developed with the assistance of the Coordinator of Cooperative Education and a faculty advisor. Each credit requires a minimum of 45 hours of on-site work during the semester; a three-credit experience therefore would necessitate a total of 135 hours (or approximately 10 hours each week).

Work sites throughout the surrounding area may be recruited to provide students the chance to explore their field of interest and gain valuable experience prior to actually entering the world of work. A site supervisor is assigned to each student. Students are provided students the chance to explore their field of interest and approximate 10 hours each week.

During the first week of the fall and spring semesters, store hours are extended to 6:00PM, Monday through Thursday. Hours are also extended to 6:00PM during the first two nights of the second summer session.

During the week prior to the start of classes and the first three weeks of the semester, financial aid recipients may charge books and essential supplies against their remaining balance if they have remaining funds after tuition and fees are covered.

Students can sell their textbooks back to a buyer during the final exam week of the fall and spring semesters, once during the summer, and during the opening days of the fall and spring semesters.

CONFIDENTIALITY OF STUDENT RECORDS — STUDENT RIGHTS

The Family Educational Rights and Privacy Act of 1974 (also known as the Buckley Amendment) affords students certain rights with respect to their education records.

Shown below are four specific rights granted to students by the Buckley Amendment. Each right is followed by pertinent information and/or the action(s) the student should take if he or she wishes to exercise his/her rights.

1. The right to inspect and review the student’s education records within 45 days of the day that BCC (herein after referred to as the College) receives a request for access.

Students should submit to the Registrar written requests that identify the record(s) they wish to inspect. The Registrar will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the Registrar, the Registrar shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student’s education records that the student believes are inaccurate or misleading.

Students may ask the College to amend a record that they believe is inaccurate or misleading. They should write the Registrar, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested, the College will notify the student of the decision and advise the student of his/her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to consent to disclosures of personally identifiable information contained in the student’s education records, except to the extent that FERPA authorizes disclosure without consent.

One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interest. A school official is a person employed by the College in an administrative, supervisory, academic or research, or support staff position (including health staff); a person or company with whom the College has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his/her tasks. A school official has legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Furthermore, upon request, the College discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the college to comply with the requirements of FERPA*.

Such complaints may be filed with:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Ave., SW
Washington, DC 20202-5920

Directory Information*

The College identifies the following as “Directory Information:” student’s name, town of residence, address, telephone listing, electronic mail address, major field of study, participation in officially recognized activities and sports, status as a student employee, dates of attendance, degrees, awards and honors received, and most recent educational institution attended (revised 1/16).

Directory information may be released by the College to a third-party requesting such student information without first obtaining the eligible student’s consent. An eligible student has the right to refuse to permit the College from identifying some or all of those types of information about the student as directory information. An eligible student must notify the College. A record with two weeks of the beginning of each academic semester if the eligible student does not want any or all of those types of information about a student designated as directory information. Notwithstanding the College’s definition of directory information, the Department of Defense, pursuant to the Omnibus Consolidated Appropriations Act of 1997 (Solomon Amendment), identifies the following student information as student recruiting information: student names, addresses and telephone listings; and if known, student’s age, levels of education and major(s).

*If an eligible student chooses not to exercise his/her aforementioned right to refuse to permit the College to designate some or all of those types of information about the student as directory information, the College will release to the Department of Defense, or an agency thereof, that student information which the Department of Defense has designated as student recruiting information. This may result in the non-consensual disclosure of personally identifiable information. When student information is released pursuant to a Department of Defense request, notice of the request and the release of student information in accordance therewith will be posted in a conspicuous location in the College’s Registrar’s Office for the period of one academic year.
Core Competencies Requirement

Core Competencies are a required, noncredit, general education component of each degree program. Students complete assignments that are certified by faculty as demonstrating core competencies that faculty have identified as central to learning. Students will be completing assignments in general education, elective courses, and courses in all programs of study that will give them practice with these competencies in the context of different subjects.

The student’s faculty member will identify the competencies that can best be demonstrated by the work the student will do in the course. In addition, the student may wish to talk to the faculty member about the possibility of fulfilling a different competency in an assignment. All items must be graded C or better.

The faculty member will notify the Registrar’s Office of his/her acceptance of a student’s work as demonstrating a competency. This office will keep track of the competencies completed as part of the student’s academic record.

No sample of work submitted for a competency may be used to satisfy more than one competency, and no more than two competencies can be satisfied through work in one course. Competency requirements must be met and certified during the semester the student is enrolled in the course.

Some courses have embedded core competencies (see page 104). In these courses the opportunity to demonstrate a particular competency is built in to the curriculum. A student completing the course with a grade of C or better is certified as having demonstrated the competency. The course description section of the catalog identifies courses that have embedded core competencies. Students not needing an embedded competency may inquire of the instructor whether a different competency could be achieved in the course.

Core competencies are a graduation requirement for A.A. and A.S. students beginning with the 2004 catalog year. Students who have earned a degree from an accredited higher education institution, who have completed 15 or more degree credits prior to 2004 or who have transferred in 15 or more credits are exempt from the requirement.

Certificate and non-degree students are not required to complete the core competency requirement. They are, however, encouraged to do so since they may later wish to apply their coursework toward a degree.

Students required to complete the core competencies for graduation may, in extraordinary circumstances, request a substitution or waiver for part of the requirement. Such requests should be addressed to the program advisor for Liberal Arts, who will make recommendations to the Vice President for Academic Affairs. Students should contact their academic advisor if they have questions concerning the core competency portfolio.

Learning to use competencies across the curriculum will help students:

1. Apply similar skills and abilities to learn different course contents; and
2. Integrate their education rather than thinking of it as a collection of separate, unrelated courses.

To satisfy this requirement, a student must demonstrate competency in the following areas:

CRITICAL THINKING (CC-CT)

• To consider information to form purposeful judgments by using cognitive skills in conscious, organized processes; and
• To demonstrate the ability to analyze information for accuracy, balance, bias and agenda; to identify inconsistencies in data and argument.

ORAL COMMUNICATION (CC-OC)

• To respond to complex questions in creative and thoughtful ways, considering multiple points of view; and
• To critically evaluate and cogently present researched information in an organized, effective manner as verbal presentation; to develop physical control of delivery; to listen actively.

WRITTEN COMMUNICATION (CC-WC)

• To respond to complex questions in creative and thoughtful ways, considering multiple points of view; and
• To write essays focusing on one main idea logically developed with detailed paragraphs; to responsibly and accurately incorporate information from secondary sources.

QUANTITATIVE REASONING (CC-QR)

• To demonstrate the application of mathematical understanding either through elementary functions or algebraic equations or by appropriate graphing or modeling requiring analysis of a given problem; and
• To show flexibility within the basis of analysis; and
• To appraise problem-solving options using sequential or systemic logic.

See Core Competencies Graduation Requirements on page 104.
CREDITS, GRADE POINTS & GRADE POINT AVERAGE (GPA)

A chronological record of each student’s courses and grades is maintained by the Registrar’s Office. This academic history, or transcript, provides the following information:

- Attempted credits or hours (Hrs. Atl.): the credit value of the courses registered for or attempted;
- Completed credits or hours (Hrs. Cpt.): the credit value of courses successfully completed or earned;
- Grade Points: the grade point value for each grade times the credit hours of the course; and
- GPA: the grade point average for one semester equals the grade points divided by the attempted credit hours of the courses in which a grade of A, B, C, D, F, or WF is received (including “plus” or “minus” grades).

In the following example, the student registered for (or attempted) 15 credit hours of courses. Since the student received a failing grade of F in PHL-101 (a 3-credit course), he/she successfully completed only 12 of the 15 credits attempted. However, the F does count in calculating the grade point average (GPA); therefore, the divisor equals 15. The example shows the calculation of the grade points for each course and the total (30,000) for the semester. The student’s grade point average, or GPA, is calculated by dividing the total points (30,000) by the divisor (15). As a result, this student’s semester GPA equals 2,000. The student’s transcript displays this information for each semester, as well as a cumulative total which is arrived at by calculating all the semesters together. The cumulative grade point average is the total of all grade points for every course on the transcript divided by the total divisor.

<table>
<thead>
<tr>
<th>Course</th>
<th>Letter Grade</th>
<th>Grade Points</th>
<th>Credit Hours</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-101</td>
<td>A</td>
<td>4.000</td>
<td>3</td>
<td>12.000</td>
</tr>
<tr>
<td>BIO-101</td>
<td>D</td>
<td>1.000</td>
<td>4</td>
<td>4.000</td>
</tr>
<tr>
<td>MAT-101</td>
<td>C</td>
<td>2.000</td>
<td>1</td>
<td>2.000</td>
</tr>
<tr>
<td>MAT-115</td>
<td>B</td>
<td>3.000</td>
<td>1</td>
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<td>HIS-113</td>
<td>B</td>
<td>3.000</td>
<td>3</td>
<td>9.000</td>
</tr>
<tr>
<td>PHL-101</td>
<td>F</td>
<td>0.000</td>
<td>3</td>
<td>0.000</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>15</td>
<td>30,000</td>
<td>2,000 GPA</td>
</tr>
</tbody>
</table>

DEAN’S LIST

This list honors full-time, matriculated students who completed a minimum of 12 non-repeated, traditionally graded credit hours during the semester, with no IN or IP grades. Students who earned a 3,250 to 3,749 GPA during the semester are accorded Honors; students with a 3,750 to 4,000 GPA are accorded High Honors.

To recognize the academic achievements of part-time students, the spring Dean’s List includes matriculated students who completed a minimum of 12 non-repeated, traditionally graded credit hours during the fall and spring semesters of one academic year, with no IN or IP grades. Part-time students who earned a 3,250 to 3,749 GPA during the semester are accorded Honors. Those with a 3,750 to 4,000 GPA are accorded High Honors.

DEGREE AUDIT

The degree audit is a personalized report designed to help students and their advisors keep track of progress toward completion of the student’s degree or certificate program. The audit lists all course and non-course requirements (including FORUM, Health/ Fitness and Core Competencies) and displays which requirements have been completed, which are in progress, and which remain. Students can view or print their degree audit using their BCC WebAdvisor account or MyBCC.

DISHONESTY & PLAGIARISM

Academic dishonesty of any type by a student provides grounds for disciplinary action by the College or the instructor directly involved. In written work, no material may be copied from another without quotation marks, footnotes or appropriate documentation. Please refer to the Student Policy Guide for more information.

DROPPING & ADDING COURSES

Students may drop and/or add courses during the first week of the semester. The Drop/Add Form is available from the Registrar’s Office on the Main Campus or from the South County Center located at 343 Main Street, Great Barrington. The completed form requires the signature of the student’s advisor and must be returned to the Registrar’s Office. A faculty signature is required only if the course is full. With the exception of some self-paced and modular courses, no course may be added after the first week of the semester. Dropping a course may have an adverse effect on financial aid; students should check with the Financial Aid Office before dropping a course.

FORUM REQUIREMENT

FORUM is a noncredit requirement of all degree programs. Students must complete four FORUMs in order to graduate.

BCC FORUMS are designed to meet these objectives:

- To promote lifelong curiosity and interest in a broad range of ideas and subjects;
- To provide a public debate and exchange platform;
- To encourage live interaction and engagement; and
- To strengthen college outreach and community involvement.

To qualify as a FORUM, the activity must be a live event that supports the FORUM objectives, must be publicly announced and accessible, and officially designated and approved by the FORUM coordinator/committee; or a live event or activity that supports the FORUM objectives and is identified and supervised by faculty.

A series of scheduled FORUMS will take place on campus on Thursdays from 12:15PM to 1:15PM and may also be scheduled at other times and at other locations. Other live events or activities may qualify if they are faculty sponsored and approved by the FORUM coordinator.

Students should consult FORUM links on the BCC website for more information and for each semester’s schedule. Students can monitor their progress in completing the requirement by checking their degree audit in WebAdvisor or by contacting the Registrar’s Office at 413-236-2136.

Students should begin meeting the requirement during their first semester in a degree program. Certificate students do not have to meet FORUM requirements but are strongly urged to do so if they plan on entering a degree program in the future.

Students enrolling at BCC with a bachelor’s degree are exempt from FORUMS as are any students who began their studies at BCC prior to September 1, 1978. No other exemptions are granted.

FRATERNITY

See Phi Theta Kappa on page 32.

FRESH START POLICY

A student who has attended BCC, left the College, and then re-entered after an absence of at least two consecutive academic years may apply once for a “Fresh Start.” Under this policy, the student’s record, previous to the absence, is treated as if it were the record of a transfer student; that is, only courses where grades of C or better were earned will be applied toward graduation, and none of the grades will be computed in the cumulative grade point average.
ACADEMIC AFFAIRS

A student may have no more than 45 total degree credits, including transfer credits, to be eligible for Fresh Start. Students must apply at the Academic Advising Center to use the policy. Applications are considered by the Student Standing Committee, which recommends actions to the Vice President for Academic Affairs. The student must have completed 12 new degree credits before a recommendation is made by the committee.

If there is more than one two-year break, the effective date of Fresh Start is at the discretion of the committee. Students should be aware that other colleges may not recognize Fresh Start grade deletions from cumulative computation.

GENERAL EDUCATION REQUIREMENTS

BCC has adopted a core curriculum intended to:

• Provide students with a strong base of knowledge from a broad spectrum of disciplines reflecting human kind’s past in language, art, science, mathematics, history and the social sciences;

• Provide students with basic skills for current and future college-level work, the dynamics of a changing job market and the demands of a knowledge-based society; and

• Expose students to the values that sustain and nurture productive, purposeful and healthy lives.

The general education requirements listed in each degree program of study contain this core curriculum. Courses meeting these requirements are listed on page 103.

GRADE POINTS & GRADE POINT AVERAGES

See Credits, Grade Points & Grade Point Averages on page 26.

GRADING SYSTEM ►

BCC uses the grading system shown in the table on the right.

GRADUATION

Graduation or Certificate Application

Students must indicate their intention to graduate or complete a certificate by filing a Graduation Application Form in the Registrar's Office by the appropriate deadline. The deadline is about two months prior to the date of graduation. For example, March 15 is typically the deadline for spring graduation. Students should check with the Registrar’s Office for specific deadlines for each graduation date. The earlier a student applies, the sooner a degree audit of his/her record will be made. This will enable the student to make up any apparent deficiencies.

Graduation Dates

BCC recognizes three graduation dates: at the end of the summer session, the end of the fall semester and Commencement at the end of the spring semester. Diplomas will be distributed to students at this time. Transcripts of students who complete degree requirements will show the appropriate graduation date. While degrees will be conferred and certificates awarded as of the indicated graduation dates, only one annual Commencement is held, and the official program for that occasion contains the names of all who have completed their degrees and certificates since the last Commencement. BCC graduates are expected to attend Commencement exercises in the spring.

Graduation Honors

A number of academic distinctions are made known at the graduation ceremony. These include the introduction of a Valedictorian and the recognition of students graduating from a degree program with Honors (3.250 to 3.749 cumulative grade point average) and High Honors (3.750 to 4.000 cumulative grade point average). See Honors Opportunities on page 29.

Graduation Requirements

To be considered a candidate for graduation, a student must have been admitted to a degree or certificate program at BCC. See Applying for Admission beginning on page 12. Students must complete at least one quarter (25 percent) of their program's graduation credit requirements by enrollment in regularly scheduled classes at BCC. Hence, a student may not meet more than one half of the program's graduation requirements by transfer, examination, prior learning experience or a combination thereof.

To be awarded an associate degree, students must earn an overall minimum cumulative average of 2.000, and a minimum cumulative average of 2.000 in all courses in the area of specialization. To be awarded a certificate, students must earn an overall minimum cumulative average of 2.000, and a minimum cumulative average of 2.000 in the certificate program requirements. Specific degree and certificate program requirements are listed for each program in the Programs of Study section beginning on page 45. Any substitutions must be approved by the program advisor and, in the case of general education requirements (in column at left), the Vice President for Academic Affairs. The appropriate waiver/substitution form must be filed with the Registrar’s Office. Also, in addition to their program and general education requirements, degree-seeking students must complete:

• A four-item core competencies portfolio (see page 25); and

• 4 FORUM units (see page 26); and

• 30 hours of Health/Fitness participation (see page 28).

<table>
<thead>
<tr>
<th>Code</th>
<th>Grading</th>
</tr>
</thead>
<tbody>
<tr>
<td>NP</td>
<td>No Pass</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawn without penalty</td>
</tr>
<tr>
<td>WA</td>
<td>Withdrawn Audit</td>
</tr>
<tr>
<td>WF</td>
<td>Withdrawn Failing (calculates as an F in the GPA)</td>
</tr>
<tr>
<td>WP</td>
<td>Withdrawn Passing</td>
</tr>
<tr>
<td>IP</td>
<td>In Progress</td>
</tr>
<tr>
<td>AU</td>
<td>Audit (no credit given)</td>
</tr>
<tr>
<td>IN</td>
<td>Incomplete (grades must be completed three weeks after final grades are due)</td>
</tr>
<tr>
<td>RE</td>
<td>Re-enroll (no credit given)</td>
</tr>
</tbody>
</table>

* A minimum of 75 is required as a passing grade in NUR, LPN (nursing courses).
HEALTH/FITNESS REQUIREMENT

BCC’s Health/Fitness requirement promotes lifelong optimum health by providing students with the education and skills for maintaining physical fitness. Students may meet this requirement through one of the following options:

- Two credits of college Health/Fitness courses* taken at BCC or transferred in from another college; or
- Not more than 15 hours at a non-BCC facility that tracks and supervises activities, plus 1 credit college Health/Fitness class** or 15 hours with a personal trainer, intramural league or a supervised activity in the Paterson Fitness Center or 30 hours of a BCC supervised activity; or
- Participation in the armed forces or civil service.

* BCC courses that meet the Health/Fitness requirement are designated “HF” in the course descriptions beginning on page 106 and in the consolidated General Education Requirements list on page 103.

HEALTH CAREER PROGRAMS

Students interested in pursuing a health career other than those currently offered at BCC are encouraged to begin their studies in the College’s Health Science (HLSC) program before transferring to another college. Examples of programs that can be started at BCC include Dental Careers, Occupational Therapy, Pharmacy, Physician Assistant, Sonography, and X-ray Technologist among others. Students are encouraged to contact the Nursing and Health Programs advisor at the Academic Advising Center.

HONORS CONVOCATION

This BCC tradition recognizes the academic excellence of students as measured by grade point average (GPA). Honors Convocation is a formal ceremony held during the fall semester.

HONORS PROGRAM & CENTER ►

The Berkshire Honors Scholar Program at BCC is a creative, student-driven experience that provides a unique opportunity through the learning process toward the goal of realizing a student’s full potential. The program is designed for highly-motivated and capable students who want to pursue the highest level of academic achievement possible at BCC. Students accepted into the program will have a challenging academic experience working closely with faculty mentors and will benefit from increased potential for scholarships and transfer. The program is not a degree program, but a set of demanding requirements that apply to a student’s BCC degree program.

The Berkshire Honors Scholar Center (see page 9) provides a quiet place for honors program students to relax or study. Students wishing to enter the BCC Berkshire Honors Scholar Program must demonstrate previous academic success and be accepted into an associate degree program at BCC. Graduation from the honors program occurs when students graduate from their degree program and meet the honors program graduation requirements. For a detailed description of the requirements and program application procedure, call Stacy Evans at 413-236-4563.

LEAVE OF ABSENCE

Students whose personal circumstances require a temporary interruption of college study may apply for a leave of absence for one or two semesters. A student who is granted a leave of absence is considered a continuing member of the college community, with records, academic advisor, campus privileges and current academic requirements retained. Re-admission to course study is automatic upon registration.

Exception for Students in Health Programs

A medical leave of absence may be granted for students in the health programs who are in good standing in both class (75 percent average or above for nursing) and clinical or practicum Re-admission to the program may require remediation prior to return as determined by the health faculty.

To apply for a leave of absence:

- Complete a Leave of Absence application in the Academic Advising Center;
- Students should submit their request for a medical leave of absence to the Director of Nursing (nursing programs) or department chair/program advisor for their specific health program;
- Application must be accompanied by a formal written request to the Vice President for Academic Affairs and the Vice President of Enrollment Services citing the reasons for requesting the leave and the period of desired time (one or two semesters);
- The decision of the Vice President is final.

Criteria for requesting a leave of absence:

- Applicants must be in good academic standing at time of request;
- Student must be matriculated, have a total of 30 earned degree credits; and
- Have maintained a minimum GPA of 2.0.

If the request is made and approved between semesters, then the approved leave begins the following semester. Notification of leave of absence status, and the date, is made on the student’s transcript. If the student does not return at the conclusion of an approved leave, or does not request and receive an extension of the leave, the student is considered to have withdrawn form BCC.

LIBRARY RESOURCES & SERVICES

The Jonathan Edwards Library (see Main Campus Map on page 7) aims to be your home-away-from-home during your time at BCC. There are comfortable seating areas to meet with classmates between classes as well as quiet areas for digging into your studies undisturbed. There are four technology-rich collaboration tables to share a laptop, tablet or smartphone display with a study group on large flat-screen TVs. The library has strong Wi-Fi, free printing, and coffee and food are allowed. When classes are in session, we are open from 8:00AM to 7:00PM Monday through Thursday, and 8:00AM to 4:00PM on Fridays.

Resources include over 55,000 printed books and more than 110,000 e-books in collections from Ebsary, Credo and others. Many other databases, including Academic OneFile, LexisNexis and Academic Search Premier, contain millions of periodical articles, citations and other relevant material. Streaming video is provided through Films on Demand and Medcom databases. BCC participates in various resource-sharing systems, connecting students to the vast collections of hundreds of libraries across Massachusetts and beyond.

The library staff are the most valuable resources available to you, offering professional reference assistance, library instruction, information literacy sessions for groups and individuals and interlibrary loan services. All English 101 classes are given an introduction to the library and new students tour the facility during orientation.

Students must bring their BCC ID card to the main desk to activate the library barcode. This barcode allows the student to borrow materials, request items from other libraries, check borrowing records and access all the electronic databases from off-campus locations.
## Honors Opportunities

<table>
<thead>
<tr>
<th>Type of Honor</th>
<th>Purpose</th>
<th>Eligible Students</th>
<th>Criteria</th>
<th>Notification &amp; Recognition</th>
</tr>
</thead>
</table>
| **Dean’s List**<br>(full-time students) | Recognizes the academic achievement of students who were full-time for a single fall or spring semester. | Full-time matriculated students who complete at least 12 credit hours during fall or spring semester of one academic year. Courses must be traditionally graded*, cannot be repeated courses and must be 100- or 200-level. | • GPA of 3.250 to 3.749 for Honors  
• GPA of 3.750 to 4.000 for High Honors | • Congratulatory letter after completion of the fall or spring semester  
• Press release listing of students on Dean’s List  
• Notation on student’s academic transcript |
| **Dean’s List**<br>(part-time students) | Recognizes the academic achievement of students who were part-time for both fall and spring semesters. | Part-time matriculated students who complete least 12 credit hours during both fall and spring semesters of one academic year. Courses must be traditionally graded*, cannot be repeated courses and must be 100- or 200-level. | • GPA of 3.250 to 3.749 for Honors  
• GPA of 3.750 to 4.000 for High Honors | • Congratulatory letter after completion of the spring semester  
• Press release listing of students on Dean’s List  
• Notation on student’s academic transcript |
| **BCC Honors Convocation** | Recognizes the academic excellence of students measured by GPA. | Matriculated students currently enrolled in fall semester for at least 3 credits who have also completed at least 12 BCC credits with at least 6 of these credits taken during the prior academic year. These 12 credits must be traditionally graded* and must be 100- or 200-level. | • Top 5 percent of the student body, with a cumulative GPA of 3.750 or higher | • Recognition at fall semester Honors Convocation Ceremony  
• Library books dedicated to the honored students |
| **Graduation Honors** | Recognizes the cumulative achievement of associate degree recipients at the time of graduation. | Students graduating from associate degree programs. | • GPA of 3.250 to 3.749 for Honors  
• GPA of 3.750 to 4.000 for High Honors | • Notation in commencement program and on student’s academic transcript  
• Gold tassel awarded at commencement to signify high honors  
• Silver tassel awarded at commencement to signify honors |
| **Phi Theta Kappa International Honor Society of American Junior Colleges**<br>Contact Geoffrey Tabor at 413-236-1610 for more information. | BCC’s chapter of Phi Theta Kappa (PTK) is known as Xi Alpha. The purpose of this society is to recognize and encourage scholarship among junior and community college students. An induction program is held in April or May. Students must be currently enrolled at the college and have accumulated 12 or more BCC credits that apply toward graduation. Students are provided with leadership opportunities and are encouraged to participate in community service projects. PTK membership qualifies students for special scholarships at many four-year institutions. | • Students who have earned between 12 and 29 degree credits with a 3.800 cumulative GPA  
• Students who have earned 30 or more credits with a 3.600 cumulative GPA | • Invitation to join Xi Alpha Chapter (membership fee required)  
• Membership and induction ceremony in National Honor Society  
• Notation on student’s academic transcript  
• Embossed membership certificate  
• PTK honors stole, scholarship and transfer resources |
| **Berkshire Honors Scholars Program**<br>Contact Stacy Evans at 413-236-4563 for more information. | The Berkshire Honors Scholars Program at BCC provides a creative and challenge-driven learning experience. The program is designed for highly-motivated and capable students who want to pursue the highest level of academic achievement that asks students to go a bit further, to look a bit more deeply and to work more independently. | • Current BCC students with 12 or more 100- or 200-level credits with GPA of 3.25 or higher  
• Transfer students with 12 or more 100- or 200-level credits with GPA from transfer institution of 3.25 or higher  
• Recent high school graduates with 3.25 school GPA of 83 or higher** | • Eligibility to take designated Honors courses  
• Use of the Berkshire Honors Scholar Center  
• Identification of honors course work on student’s academic transcript  
• Designation as Berkshire Honors Scholar in commencement program and on student’s academic transcript if student completes all program/graduation requirements |

* Students who are close but do not meet these criteria may meet with the Honors Coordinator to create an alternate application.

** Courses with earned grades of P/NP (Pass/No Pass) are not eligible. Students who fail to complete a course are not eligible for the Dean’s List whether they are part-time or full-time students.

** For more information on the above honors, contact the Registrar’s Office at 413-236-2137.
MassTransfer PROGRAM ►

BCC students planning to continue their education at a Massachusetts state-supported college or university, such as UMass or MCLA, are eligible for the MassTransfer program. For more information, see MassTransfer Program on the right.

MATRICULATION

Students who want to enroll in one of BCC’s degree or certificate programs, whether full- or part-time, must be admitted to the College (see Applying for Admission beginning on page 12). Enrolling in a program is called matriculating.

MID-SEMESTER & FINAL GRADES

Students may view and/or print their mid-semester (if assigned) and final grades by using their BCC WebAdvisor account (see page 34) or MyBCC (see page 30). Some faculty assign mid-semester grades to all students in a course. Others only assign mid-semester grades as a warning to students who are performing at a failing or borderline passing level at mid-semester. In addition to being able to access their grades via their WebAdvisor account, these students also receive a mid-term grade report in the mail. At the end of each semester, all students are assigned a final grade for each course. Students can view and/or print copies of their final grades by using their WebAdvisor account.

MINIMUM CUMULATIVE AVERAGE

See Grading System on page 27.

MISSED FINAL EXAMS

For each class the faculty member will determine and announce the implications of an unexcused absence from the final examination. Each faculty member shall make an announcement of class policy ahead of time and enforce it uniformly. Individual faculty members will decide whether an absence from a final examination is excused or unexcused. Normally, written documentation that the absence was unavoidable will be required. (Notes from doctors, lawyers, police, Vice President for Student Affairs and Enrollment Services, etc., will be acceptable; notes from parents, spouses, etc., will not.) If an absence is excused, a makeup exam must be given.

MyBCC

MyBCC is a single sign-on application which allows BCC students, staff and faculty to log in once to a customized screen with immediate access to their WebAdvisor account, online courses in Moodle, e-mail and an at-a-glance calendar of events happening on campus. Go to www.berkshirecc.edu/mybcc.

MassTransfer Program

Students planning to transfer to one of the state-supported universities or colleges in Massachusetts are eligible for MassTransfer. MassTransfer provides community college graduates who complete designated associate degrees with the benefits of the full transfer and applicability of credit, guaranteed admission (2.500 GPA or higher) and a tuition discount (3.000 GPA or higher).

MassTransfer also provides students in the Massachusetts public higher education system the intermediate goal of completing a portable general education transfer block which will satisfy the general education/distribution/core requirements across institutions.

OPTION 1: Associate Degree

Students completing an associate degree program under MassTransfer will graduate with a with a minimum of 60 credit hours and complete the 34-credit general education transfer block (see box above), exclusive of developmental coursework:

Benefits for students who complete associate degrees under MassTransfer:

2.000 MINIMUM FINAL GPA

• No admission fee or essay;
• Guaranteed, full transfer of a minimum of 60 credits applied to the bachelor’s degree, if admitted; and
• Automatic satisfaction of the general education/distribution/core requirements at the receiving institution, additional credits/two courses, if admitted.

2.500 MINIMUM FINAL GPA

• Guaranteed admission, plus all of the above benefits.

3.000 MINIMUM FINAL GPA

• A 33 percent tuition waiver, plus all of the above benefits.

Stipulations: If students change their major or if the linked baccalaureate program requires a higher grade point average or specific courses which are required of native students, MassTransfer students must meet these requirements. If, because of space or fiscal limitations, the receiving institution does not admit all qualified applicants to a given major or program, the receiving institution will use the same criteria for MassTransfer applicants as it does for its native students.

OPTION 2: General Education Transfer Block

Students completing the general education transfer block (without earning a degree) at any Massachusetts higher education institution with a 2.0 or higher grade point average will earn the 34 credit hours outlined above, exclusive of developmental coursework.

Benefits for students who complete the General Education Transfer Block (beginning Fall 2012):

2.000 MINIMUM FINAL GPA

Automatic satisfaction of the general education/distribution/core requirements with the receiving institution able to add no more than six additional credits/two courses, if admitted.

Stipulation: Students enrolled in a specific major or degree program may be required to take additional courses if these courses are specifically required for the major or program and are required of native students.

MassTransfer integrates and replaces Joint Admissions, Transfer Compact and the Tuition Advantage Program.

For full details about the MassTransfer policy, please see the Transfer Coordinator or go to www.mass.edu/masstransfer. See also information about the related Commonwealth Commitment on the opposite page. ►

MassTransfer Graduation Requirements are listed on page 105.

GENERAL EDUCATION TRANSFER BLOCK

English Composition/Writing......................6 credit hours
Natural or Physical Science*........................7 credit hours
Behavioral and Social Sciences....................9 credit hours
Mathematics/Quantitative Reasoning................3 credit hours
Humanities and Fine Arts.............................9 credit hours
Total Credits........................................34 credit hours

* Some Associate in Arts programs and some Associate in Science programs at BCC require the completion of two 4-credit laboratory sciences.
Commonwealth Commitment — New in Fall 2016
A commitment to college access, affordability and completion.

The Commonwealth Commitment (through MassTransfer) is an innovative college affordability and completion plan to help more students achieve the dream of a college degree.

The first agreement of its kind in the nation, the plan commits every public campus to providing 10 percent rebates at the end of each successfully completed semester to qualifying undergraduate students, in addition to the standard MassTransfer tuition waiver received upon entering a four-year institution from a Community College.

The program will launch this fall with six eligible degree programs (please see next column). Additional eligible degree programs will follow in 2017.

Participating students must be enrolled full-time and are required to maintain a 3.0 GPA. Students who meet the program requirements will, depending on the transfer pathway they choose, be able to realize an average savings of $5,090 off the cost of a baccalaureate degree.

What are the goals?
• Boost enrollment and improve transfer rates;
• Convert part-time students to full-time;
• Improve completion rates;
• Give students and families a break on college costs; and
• Provide an affordable pathway to a degree via 2 + 2 plans.

How does it work?
• Students start at one of the 15 Massachusetts community colleges then progress to a State University or UMass campus;
• Students enter one of 16 MassTransfer Pathways or Special Mission Programs; and
• Students have 2.5 years to earn an associate degree and must maintain a 3.0 GPA.

What is the Commitment?
• Students will receive a 10 percent rebate off tuition and mandatory fees — payable at the end of every successfully completed semester via check or bookstore voucher.
• Potential to save thousands of dollars off the cost of a baccalaureate degree.

Eligible Degree Programs

Fall 2016 — Biology, Chemistry, Economics, History, Political Science, Psychology

Fall 2017 — Business, Criminal Justice, Communications & Media Studies, Computer Science, Early Childhood Education, English, Liberal Arts, Mathematics, Sociology, STEM Natural/Physical Sciences


Massachusetts College of Art & Design Programs — Painting, Printmaking, Sculpture

Learn More
Commonwealth Commitment details are available on the official website of the Massachusetts Department of Higher Education at www.mass.edu/MAComCom.

Cancellations & Delays
In the event of a delay, the opening time will be the top of the hour (9:00 AM, 10:00 AM, etc.). For classes with other start times, as is the case on Tuesdays and Thursdays, the next full class session will meet (e.g., for a 9:00 AM opening, the 9:25 AM class will be the first to convene; for a 10:00 AM opening, the 10:50 AM class will be the first to meet). Any classes that were scheduled to start prior to the stated opening will be considered canceled.

A decision to delay or cancel classes is typically made by 6:00 AM. Class cancellations and delays are announced on the following:
• BCC Home Page — www.berkshirecc.edu
• BCC’s Facebook Page — www.facebook.com/berkshirecc
• Local/Regional TV and Radio Stations
• Twitter — @BerkshireCC
• MyBCC

BCC closings are also recorded on the voice message that callers first hear when calling BCC’s main telephone number at 413-499-4660. Students may also receive notification of cancellations by utilizing the Emergency Notification System (see page 37).

If the days are available, canceled classes will be made up at the end of the semester.

MassTransfer ELIGIBLE PROGRAMS AT BCC
A.A. Business Administration
A.A. Fine Arts, Music Concentration
A.A. Fine Arts, Theatre Concentration
A.A. Fine Arts, Visual Arts Concentration
A.S. Hospitality Administration—Transfer Option
A.A. Liberal Arts
A.A. Liberal Arts—Atmospheric Science Concentration
A.A. Liberal Arts—Biological Science Concentration
A.A. Liberal Arts—Biotechnology Concentration
A.A. Liberal Arts—Foreign Language Concentration
A.A. Liberal Arts—International Studies Concentration
A.A. Liberal Arts—Peace & World Order Concentration
A.A. Liberal Arts—Psychology Concentration
ACADEMIC AFFAIRS

ONLINE LEARNING
BCC offers fully online, hybrid and web-enhanced courses that utilize the Moodle Learning Management System (LMS). This online resource provides learning tools such as course announcements, discussion forums, online assessments, web links and audio/video tools. Moodle online learning improves educational access for students with schedules that make it difficult to take a course load of on-campus classes exclusively. A student may obtain a Liberal Arts degree by taking online courses exclusively, with the exception of attending an on-campus science lab when fulfilling the laboratory science requirement. In addition to providing such expanded access for students, Moodle serves as a powerful “out-of-class” learning resource for instructors teaching courses on campus. The Academic Technology department provides ongoing LMS support and training for students and faculty.

ORIENTATION
See Orientation on page 13.

PERMANENT STUDENT RECORDS
See Student Records on page 33.

PHI THETA KAPPA (PTK)
PTK is the international honor society of American community and junior colleges. BCC’s chapter is known as Xi Alpha. The purpose of this society is to recognize and encourage scholarship among junior and community college students. An induction program is held in the spring of each academic year. Students must be currently enrolled at the College and have accumulated 12 or more BCC credits that apply toward graduation. Transfer credit is evaluated on a case-by-case basis. To be eligible as a freshman, a student must have accumulated between 12 and 29 credits with a 3.800 or better cumulative average. To be eligible as a sophomore, a student must have accumulated 30 or more credits with a 3.800 or better cumulative average. To be eligible as a junior, a student must have accumulated 60 or more credits with a 3.800 or better cumulative average.

PLAGIARISM
See Dishonesty & Plagiarism on page 26.

PROBATION
See Academic Suspension & Probation on page 22.

PROGRAMS OF STUDY
Berkshire Community College offers more than 50 associate degree and certificate programs, including options and concentrations. Detailed information concerning each program can be found in Programs of Study starting on page 45.

RE-ADMISSION TO THE COLLEGE
Students who withdraw from the College, graduate from a program, change from degree to non-degree status or are otherwise not in continual attendance (i.e., miss a spring or fall semester) must apply for re-admission to the College. Such changes may affect program requirements. Most students who miss a single semester will be re-admitted under their prior program requirements. All other students are re-admitted under the requirements currently in effect. Students must consult the Admissions Office about re-admission procedures.

REGISTRATION FOR COURSES
Students are permitted to register for courses no later than the first day of classes in each semester. Schedules may be adjusted through the Drop/Add period. Modular courses (5- or 10-week courses) may be added before the first meeting; Appeals for exemption from these registration deadlines may be made to the Coordinator of Academic Advising. If an exception is made, enrollment in each course requires the approval of the faculty member in charge of that class.

REGISTRAR
For each past and present BCC student, the Registrar’s Office maintains official academic records (see also Student Records on page 33). These records are maintained in full accord with the Family Educational Rights and Privacy Act. For details on student files and policies insuring their privacy, see Confidentiality of Student Records on page 24. Students who wish to have an official transcript of their record sent to another academic institution or prospective employer must make their request in writing to the Registrar’s Office — there is a three dollar ($3) charge for this service. Students can also register for classes, drop or add courses, and file Graduation Application Forms in this office. Information about FORUM and Core Competencies Portfolio is also available.

REPEATED COURSES
A student may elect to repeat a course once if the original and repeated course are both taken at BCC. If higher than the original, the new grade will be used to calculate the cumulative grade point average. The original grade will remain on the transcript. Other colleges may not accept this procedure.

SECOND BCC DEGREE
Students are eligible for a second degree upon completion of a minimum of 15 credit hours beyond those earned toward their first degree. They also must meet all the course requirements of their second program.

SECOND OPTION or CONCENTRATION
Students may complete a second option or concentration in a degree program from which they have already earned a degree. Completion of the second option will be noted on the student’s academic transcript, but does not lead to another degree or formal award.

SECTION CHANGES
During the first week of the semester, a student may request a section change for a course or lab that allows the course to be taken at a different time. A Drop/Add Form (available in the Registrar’s Office, Academic Advising Center or the South County Center) should be completed and returned to the Registrar’s Office. Changing sections without proper notification to the Registrar may result in loss of course credits.

SERVICE-LEARNING — EDUCATION IN ACTION
Students involved in Service-Learning spend a set number of hours working in community organizations as part of their course work. Service-Learning is more than traditional “volunteering” because it combines service activities with structured reflection that enhances learning. The program’s philosophy emphasizes active learning that supports the goals of engaged citizenship, reflective learning and social responsibility. Many faculty offer a Service-Learning option in their course, allowing students to contribute their skills, talents and time to address a wide range of human and societal needs while earning course credit.

Service-Learning Office
The Service-Learning Office connects students with community service projects and opportunities for civic engagement at local non-profits, schools and government agencies. These opportunities for hands-on learning are designed by faculty and offered for credit in select courses. In these courses, students spend a set number of hours working at organizations as part of their course work. Students contribute knowledge, skills, talent and time to address community needs and reflect on the experience to deepen their understanding of a field of study and related public issues. Service-Learning courses are flagged in the Semester Schedule. Students may also participate in Service-Learning as a co-curricular experience with the Service-Learning Club. For more information and available opportunities, visit A-119 or call the Service-Learning Office at 413-236-2176.
SNOW DAYS
See Cancellations & Delays on page 31.

STUDENT RECORDS
Each student’s permanent record (a chronological list of course work taken and grades received) is maintained in the Registrar’s Office. A student may request a copy at any time upon presenting proper identification. Inaccurate information may be corrected, but no information may be deleted. See also Confidentiality of Student Records on page 24.

STUDENT SUCCESS CENTER
The Student Success Center is committed to helping students achieve academic success. Students are encouraged to visit the Center either on a walk-in basis or as a referral from an instructor. The staff will be happy to discuss strategies for academic success or refer students to the appropriate services on campus, such as tutoring or personal counseling. For more information, visit the Center in F-118 or call 413-236-1625.

STUDENT SUCCESS SEMINAR — BCC-101
BCC-101 is a seminar course designed to help students transition successfully to college. It introduces students to college resources and builds the skills needed to meet college expectations.

The seminar is required for new, matriculated students who test into two or more developmental course areas (reading, writing and math). These students must take BCC-101 in their first semester. The seminar is open to and recommended for all entering matriculated students.

SUSPENSION & ACADEMIC PROBATION
See Academic Suspension & Probation on page 22.

TESTING SERVICES
See Assessment & Testing on page 36.

THEATRE AT BCC
The Robert Boland Theatre is one of the largest stage houses in western Massachusetts. This comfortable house has a seating capacity of 503, boasting outstanding acoustics and perfect viewing from every seat. The playing area is adaptable for prosenium, thrust or arena staging, and the stage is fully rigged with a 64-foot grid, a 39-line counterweight system and a computer light board.

The Fine and Performing Arts program’s Theatre Arts concentration produces three main-stage productions each year; theatre majors and other students participate. Theatre majors may receive credit annually for their work on these presentations in theatre performance; scenic, lighting and costume design; and production work. Recent productions include William Shakespeare’s tragedy Julius Caesar, Young Frankenstein, The Addams Family and Avenue Q. More than 3,000 people from the community attend performances at the Boland Theatre each academic season.

“I believe that through education we can reach our full potential not only by improving our own personal circumstances, but because we can understand others better and collectively work toward the common good. I have been blessed to work alongside those who are pursuing that goal.”

Eleanore Velez (pictured center)
Admissions Counselor and Coordinator of the Multi-Cultural Center

BCC Commencement, 2015
**ACADEMIC AFFAIRS**

**TRANSCRIPTS**
A transcript is a copy of a student’s permanent record. At the student’s written request, transcripts can be sent to other colleges and prospective employers. **Official** transcripts bear the College seal and signature of the Registrar. There is a three dollar ($3) fee for each official transcript. **Unofficial** transcripts, which are given to the student, do not bear the College seal or the Registrar’s signature. There is no charge for unofficial transcripts. Students needing a copy of their transcript should contact the Registrar’s Office (F-111) or the South County Center in Great Barrington.

**TRANSFER SERVICES**
Located in the Student Development Center, the Transfer Office provides information and assistance for students planning to transfer to another college or university. The office also maintains specific transfer agreements through the MassTransfer Program and through articulation agreements with numerous colleges and universities (see also Transfer Counseling on page 39).

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“I love everything about BCC. I really like the professors and the other students. Everybody is so nice and helpful. I like to be involved and have volunteered to help with events such as new student orientation and holiday lunches. I feel so included at BCC and I think that’s what makes me a successful student.”

Kate Loria  
Class of 2014

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**TUTORIAL SERVICES**

**Tutoring**
Tutorial Services provides free tutoring for currently enrolled students for most BCC credit classes. Tutors meet with students one-to-one, in small groups and in drop-in help sessions. Most tutors are BCC students or peer tutors, who are recommended by faculty of an individual course or field of study. Many are also community tutors with expertise in a variety of areas. Students may request a tutor at the Tutoring Center (K-214) or the South County Center in Great Barrington. Drop-in help centers are also available for math and writing. Drop-in schedules are found in the Tutoring Center — 413-236-1650 or 413-236-1652.

**Student Success Skills**
Tutorial Services provides Student Success Skills Workshops throughout the academic year on helpful topics such as: Getting and Staying Organized, Effective Listening and Note-taking, Textbook Reading, Your Preferred Learning Style, Conquering Procrastination and Critical Thinking. Other topics are also available. Printed documents and study tips can be found in the Tutoring Center. Tutorial Services also provides individual support for study/success skills.

**Online Tutoring**
BCC students also have access to free online tutoring through Smarthinking®. The log-in link with instructions can be found on every Moodle page in the left hand column and in “My Bookmarks” on the student MyBCC page. One-on-one online tutoring in math and writing are available along with pre-scheduled appointments, writing submission and response, and question submission to an online tutor.

**WebADVISOR**
Students can use their WebAdvisor account to learn of courses offered in upcoming semesters and access an increasing array of student services and academic information. Currently students use their secure accounts to set up emergency notification information, view mid-semester and final grades, view or print copies of their class schedules, unofficial transcripts or degree audits, see the results of their Learning Skills Assessments or see their student profile information. Students can contact the Registrar’s Office (F-111) with questions about their WebAdvisor accounts. See also MyBCC, page 30.

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**WITHDRAWAL FROM A COURSE**
The basic responsibility for withdrawing from a course rests with the student. Students who withdraw from a course during the Drop/Add period receive no notation on their record.

- Students withdrawing from a course **after the Drop/Add period**, up to and including the date indicated on the academic calendar as the last day for course withdrawals (W grades), will receive a grade of W.
  - Students withdrawing after this date but on or before the date indicated on the academic calendar as the last day for course withdrawals (WP/WF grades) will receive either a grade of WP (Withdrawn Passing) or WF (Withdrawn Failing). The grade will be determined by the course instructor. A grade of WF is computed in the academic average as an F.

All students seeking to withdraw from a course after the end of the Drop/Add period and before the course withdrawal deadline are required to complete and sign a Drop/Add Form and provide evidence of having notified both the course instructor and their academic advisor of their intent to withdraw. Evidence of notification may be in the form of either a faculty/advisor signature on the Drop/Add Form or a printed copy of an e-mail from the faculty/advisor attached to the form demonstrating they have been notified. Completed Drop/Add Forms are submitted to the Registrar’s Office or the South County Center.

Students should be aware that course withdrawal may affect their eligibility for financial aid, Social Security benefits, veterans’ benefits, loans, etc. Since a student may be required to repay a portion of the aid money received earlier in the semester, check with the appropriate office/agency before withdrawing. While the W or WP grade in no way affects the grade point average, the Student Standing Committee will review the overall academic performance of those students who have more than one W/WP in a semester or more than two W/WPs in an academic year. The committee has elected to suspend or place restrictions on students who abuse the withdrawal privilege.

**WITHDRAWAL FROM THE COLLEGE**
Students whose circumstances require them to drop all courses during a semester should initiate a college withdrawal through the Student Success Center (F-118) at 413-236-1825 or at the South County Center in Great Barrington. Student-initiated college withdrawals are recorded in the same way as course withdrawals, with the same deadlines applying. A full college withdrawal is not appropriate if students have already completed one or more modular courses. Students should contact the Registrar’s Office concerning this situation.

Special circumstances may warrant exceptions to this withdrawal policy. Appeals for exceptions should be made in writing and submitted to the Vice President for Academic Affairs, who will consult with appropriate faculty members and college officers and then report a decision to the petitioner and to the Registrar.

**Students on Financial Aid**
Students receiving financial aid should also see Withdrawal/Refund Policy for Financial Aid Recipients on page 20.
Transfer Articulation Agreements

Students should contact the Transfer Coordinator (A-115, 413-236-1610) for current information. Additional information can be found at www.mass.edu/masstransfer. See also MassTransfer Program (formerly Joint Admissions Agreements) on page 30 for additional transfer opportunities.

Agreements are subject to change.

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STUDENT SERVICES

This section contains information related to the numerous services that are available to help students succeed. Topics are listed in alphabetical order for the convenience of the reader. For more information on any topic, refer to the BCC website at www.berkshirecc.edu or call the appropriate person listed on page 152.

ADULT (NON-TRADITIONAL) STUDENTS

Specially trained counselors in the Admissions, TRIO and Project Link Offices offer services to adult students (also known as non-traditional students) which includes anyone returning to school after a long absence, students with children, displaced workers and all students over 23. Services include informational and personal growth workshops, admissions and supportive counseling, college and community resource referrals, and information on funding and childcare.

ASSESSMENT & TESTING

BCC is committed to the principle that all students who enter the College should be prepared for college-level work. Unless exempted, all students are required to complete the Accuplacer Assessment in reading, writing and mathematics. Students are placed in appropriate courses based on the results of this assessment, administered by the Assessment and Testing Center.

In addition to the Assessment and Testing Center on the Main Campus, skills assessment is also administered prior to the beginning of each semester (on a limited schedule) at the South County Center in Great Barrington, and at McCann Technical High School in North Adams. Contact the Assessment and Testing Center for more information at 413-236-1655 or 413-236-1656.

The Assessment and Testing Center also serves as the Berkshire County test administration site for the Massachusetts High School Equivalency Assessment (HiSET). Individuals age 16 or older who are not enrolled in high school and who have not earned a diploma may register to take this assessment examination. By successfully completing a battery of five sub-tests, candidates may earn the Massachusetts High School Equivalency Credential. To learn more, visit www.hiset.ets.org where all testing appointments, payment and registrations will be completed.

Students may also earn college credit for knowledge gained through life experience, work experience or independent study by taking the CLEP or DANTES examinations that are offered in more than 50 different subject areas. As an open testing site for these programs, the Assessment and Testing Center is able to serve both BCC students and individuals who wish to obtain credit at other institutions. The Center also proctors exams for individuals who are enrolled in distance learning courses, and offers a service by which faculty members can arrange for make-up testing sessions for their students.

ATM

For the convenience of anyone on campus, there is an ATM machine provided by Berkshire Bank at the Field Administration Center entrance nearest to the Susan B. Anthony Center (see Main Campus Map on page 7).

BUS TRANSPORTATION

Public transportation is available between downtown Pittsfield and BCC with buses arriving on campus every hour. The first bus arrives at 6:49 AM and the last bus leaves BCC at 5:05 PM. Schedules are available in the Office of Student Life. The bus stops on the Main Campus followed by a stop at Paterson Field House. For more information about the BRTA (Berkshire Regional Transit Authority), please visit www.berkshirerta.com or call 413-499-2782. Several new accessible bus stops were recently added on the Main Campus (see page 10).

CAFETERIA/FOOD SERVICES

BCC’s cafeteria provides nutritionally balanced meals. Morning items include fresh-brewed and decaf coffee, cappuccino, hot chocolate, tea (regular, decaf or herbal), daily breakfast specials, assorted pastries, bagels and cream cheese, cereals and juices. Lunch items include freshly made soups, vegetarian and meat dishes, pasta, pizza, fresh fish, casseroles, over-stuffed and prepared sandwiches, a salad bar buffet, ice cream, juice bars, and assorted natural juices and sodas. Gluten-free breads and snacks are also available.

CAFETERIA HOURS — FALL & SPRING SEMESTERS

• Monday through Thursday: 7:30 AM – 2:30 PM
• Friday: 7:30 AM – 2:00 PM

CAFETERIA HOURS — SUMMER

• Monday through Friday: 7:30 AM – 10:30 AM (breakfast)
  11:00 AM – 1:30 PM (lunch)
  1:30 PM – 2:00 PM (snacks)

The cafeteria is not open during evening hours, however, evening students may purchase items from the vending machines located around the campus (see Vending Machines on page 39).

CAREER SERVICES

Career planning is an integral part of study here at BCC, ensuring that the knowledge and skills you are learning lead to work that is fulfilling for you and meets your economic and social needs. Located in the Student Development Center, Career Services offers students and alumni the opportunity to explore career options through a variety of methods and then evaluate those options through research and exploration. A career counselor is available to assist you in any aspect of career development.

Job opportunities, including internships, summer and volunteer options, are regularly posted and updated on the bulletin board opposite the campus store in the Susan B. Anthony Center and on our blog. For more information, call the Career Services Office at 413-236-1611 or 413-236-1605.
CHILD CARE
Child care at BCC is available at the Norman Rockwell Early Childhood Center, so named because of the artist’s sensitive portrayal of the world of children. The Center is open to the public, however, priority is given to children of BCC students, faculty and staff. Children from age 15 months to seven years are eligible for the program.

The Center is open Monday through Friday from 7:15AM to 5:15PM. This time period allows parents to attend classes and work while their children are participating in comprehensive, educational, and recreational programs. The children also receive snacks in the morning and afternoon, and can share meals with their parents. Social workers provide extra help for children with special needs. For more information, visit the Center or call 413-236-3060.

Family day care programs — child care in licensed homes throughout the area — are available for children of all ages. For more information, call 413-236-3061.

CLUB SPORTS
BCC has Club Basketball and Soccer teams that compete in the NIRSA national club circuit against various colleges in the region. We also have a co-ed Intramural Cross Country team that participates in races locally. New teams this year include wrestling, indoor/outdoor track, tennis and weightlifting. They compete as a team in open meets at colleges throughout Massachusetts. All teams have opportunities to compete during both semesters. For more information about joining these teams, please contact the Director of Recreational Services, Lauren Pellegrino at lpellegrino@berkshirecc.edu, call 413-236-1661, stop by the Paterson Field House front desk or visit www.berkshirecc.edu/falcons. Go Falcons!

DISABILITY RESOURCE CENTER
Services for qualified students with documented disabilities include specialized advising about academic planning and compensatory techniques, arranging for alternative test-taking and other academic adjustments, referral to local agencies, assessment of learning strengths and weaknesses, and a guided tour of access routes for students who cannot climb stairs.

Adaptive computing services and training are available for qualified students with disabilities through the Adaptive Computer Lab located in the Disability Resource Center (DRC). The lab provides access for students with disabilities to computer technology through specially designed adaptive software/hardware.

At least six months prior to enrollment, students with disabilities applying for admission to BCC are encouraged to contact the Center at 413-236-1605 to schedule a meeting with either the Coordinator of the DRC or the Learning Specialist.

To improve accessibility, several new bus stops were recently added to BCC’s Main Campus.

E-MAIL
BCC has implemented a student electronic mail system that provides all enrolled students a college e-mail account with the domain name of “student.berkshirecc.edu.” The College will send official correspondence to these student accounts periodically throughout the semester. Your instructors can also correspond with you using this system. Instructions for initiating your student e-mail account can be found on the College’s home page by clicking on the Student E-mail “Instructions” link. For more information or for technical support, contact the IT Help Desk at 413-236-3004.

EMERGENCY NOTIFICATION SYSTEM (ENS)
BCC has installed an Emergency Notification System (ENS) that quickly sends messages to all registered users. Available to BCC students, faculty and staff, the ENS notifies registered users directly about school closings and other time-sensitive situations. All registered users will automatically receive notifications to his or her college e-mail address. In addition, users may choose one other form of notification (i.e., text message, mobile phone, home phone or home e-mail). Text messaging is the preferred and fastest method of notification. In the event of a true emergency, the system will notify users immediately about any threat to their health or safety. To receive ENS messages, log into your MyBCC account (see page 30) and enter your contact information in the “Emergency Notification” link under “User Account.” For more information, contact the ENS Help Desk at 413-236-3014.

FINANCIAL AID
The Financial Aid Office offers group workshops, as well as individualized counseling, about educational expenses and assistance in obtaining aid from various funding sources. Computers dedicated to student use are available on a drop-in basis during regular office hours or by appointment after hours. These computers may be used for filing a financial aid application (FAFSA), applying for a student loan or conducting a scholarship search. A Job Book containing all campus and community service student employment opportunities (regardless of student’s financial aid status) is conveniently housed in the Financial Aid Office. Financial aid publications also provide students and families information about sources of aid, application procedures, deadlines and BCC financial aid policies. For more information, see the Financial Aid section starting on page 18, and the BCC website at www.berkshirecc.edu/payingforcollege.

FOOD PANTRY
The BCC Food Pantry is located in the Susan B. Anthony Center in A-100 (at the top of the stairs to the cafeteria) on BCC’s Main Campus. Given the inherent struggles of being a student while holding down a job and/or raising a family, all BCC students and staff who could use a little help making ends meet are invited to stop by the BCC Food Pantry to learn more about immediate and long term food resources in our community. If you are interested in making a donation to the pantry or volunteering your time, please contact Mary Zanconato at mzanconato@berkshirecc.edu or call 413 236-1660.

ID CARDS
Each new student is issued a student identification card that must be presented to attend various school events, gain access to Paterson Field House and Library Services, and receive grant and work study checks from the Business Office. Pictures for the cards are taken in the Office of Student Life anytime from 9:00AM to 3:00PM. The Office of Student Life validates the ID cards of returning students each semester (with a sticker). Students must have a valid photo ID. A fee of $5 will be charged for a replacement ID.

STUDENT SERVICES
STUDENT SERVICES

Social Media
BCC currently shares news, events and general information on the following social media sites: Facebook, Twitter, Instagram, Flickr, YouTube and Snapchat.

- www.facebook.com/berkshirecc
- www.twitter.com/berkshirecc
- www.instagram.com/berkshirecc
- www.flickr.com/berkshirecommunitycollege
- www.youtube.com/berkshirecc
- Snapchat — BerkComCollege

IMMUNIZATION & HEALTH RECORDS
These records are maintained in the Immunization Records Office (A-100). See Immunization on page 12.

INSURANCE
Information about accident and medical insurance is available from BCC’s Business Office. (See also Health Insurance on page 16.)

LOST & FOUND
Lost and found items should be turned in, or reported to the Office of Student Life in the Susan B. Anthony Center.

PERSONAL COUNSELING
Personal Counseling provides support to students by helping them achieve their personal and academic goals. This service is available to currently-enrolled students and is provided by a licensed mental health counselor. Personal Counseling is available to currently enrolled students, and is provided by a licensed mental health counselor. Each student is unique in what they choose to discuss. Areas most frequently discussed are: adjustment to college, academic issues, relationships, stress, depression or anxiety. Meetings are confidential. Hours are 8:00 AM – 4:00 PM.

Personal Counseling helps students get back on track and focus on their academics. Generally, Personal Counseling is short-term and focused; however, if students need more assistance, referrals to community resources are provided. The counseling staff also offers seminars on pertinent mental health issues, self-advocacy and communication skills. Additional resources are available on the Personal Counseling webpage at www.berkshirecc.edu/personalcounseling. For more information, call 413-236-1609.

RECREATIONAL FACILITIES
See Paterson Field House on page 9.

SPECIAL EVENTS
Throughout the year, a wide array of activities and events are held on campus. Check the semester Calendar of Events, the Weekly Stall, campus bulletin boards, student e-mail, MyBCC, Facebook, Twitter and the Office of Student Life for current information.

SPORTS
See Club Sports on page 37.

STEM PROGRAMS
STEM refers to the academic disciplines of science, technology, engineering and mathematics.

GPSTEM — Guided Pathways to Success*
Berkshire Community College is engaged in GPSTEM, a statewide consortium grant of the 15 Massachusetts Community Colleges. This program will use the national Complete College America Guided Pathways to Success model to assist eligible students in obtaining degrees and certificates in STEM fields. The model focuses on reducing the time to completion of certificates and degree programs, resulting in more students entering employment in the Commonwealth and/or transferring to baccalaureate education to add to their credentials. Programs include Biology, Biotechnology, Networking, Hospitality, and Physical Therapist Assistant.

For more information, contact College & Career Navigator Shelly Armstrong at sarmstrong@berkshirecc.edu. More information can be found at www.berkshirecc.edu/gpstem.

* This program is 100 percent funded by a $20,000,000 grant awarded by the U.S. Department of Labor’s Employment and Training Administration, Grant #TC-26450-14-60-A-25.
STUDENT SERVICES

STEM Starter Academy
The STEM Starter Academy at BCC is a statewide Massachusetts Community College initiative designed to promote STEM fields of study. The program is geared toward high school seniors who are interested in attending BCC, and features a Summer STEM Success Academy and a Fall Support Academy that prepare students for academic success at BCC. Academic support, tutoring, special field trips, guest speakers and a STEM Academy Success Kit will give students the tools they need to be STEM-ready in college and in the workplace. Students interested in pursuing a certificate or associate degree in such STEM fields as Atmospheric Science, Biology, Computer Information Systems, Engineering, Environmental Science, Fire Science, some Allied Health fields, and Liberal Arts with a concentration in STEM studies are encouraged to apply.

STUDENT AMBASSADOR PROGRAM
The Berkshire Community College Student Ambassador Program provides a leadership opportunity for students who are dedicated to serving and representing BCC. Student Ambassadors provide campus tours, serve as BCC representatives and perform duties at various BCC campus and community events. Student Ambassadors also serve in the Admissions Office and the Office of Student Life, where they act as a first point of contact to visitors, both by phone and in person. They are considered student leaders. For further information about applying, e-mail admissions@berkshirecc.edu.

STUDENT EMPLOYMENT
Regardless of their financial aid status, students interested in part-time employment are encouraged to review all campus and community service positions posted in the Job Book (conveniently located in the Financial Aid Office).

STUDENT GOVERNMENT ASSOCIATION
This is an organization designed to recruit, retain and relate to prospective and current students. Student Government Association (SGA) members encourage interaction between students through a variety of events. For more information, see BCC Student Government Association on page 4.

STUDENT LIFE
The Office of Student Life is the center of student activity at BCC. It helps plan and administer a wealth of opportunities for social, cultural, recreational, and personal enjoyment and enrichment. Students are invited to bring ideas for new programs and activities to Student Life staff. Student activities are planned with all members of the BCC community in mind. In addition to regularly scheduled events, students may also participate in trips, lectures by special guests, recreation clinics, video or movie programs and coffee house entertainment. Students are encouraged to check the semester calendar of events, campus bulletin boards, Weekly Stater, student e-mail, MyBCC, Twitter, Facebook and the Office of Student Life for current information.

TRANSFER COUNSELING
Located in the Student Development Center, the Transfer Office is a resource for comprehensive information and assistance about every aspect of the transfer process. Students should consult with the Transfer Coordinator as early in their education as possible for information about academic programs, baccalaureate colleges, course equivalencies, general transfer policies, and MassTransfer and articulation agreements.

BCC hosts a College Fair each year during the first week in October. The fair attracts many baccalaureate colleges and universities, and provides students with an opportunity to talk with representatives from these institutions. Baccalaureate college and university representatives also visit BCC each semester to speak with interested students. Information about the visits and transfer opportunities is posted on the BCC website, in the Student Development Center and in the Susan B. Anthony Center.

Applications to Massachusetts state colleges, universities and many other public and private colleges are available in the Career and Transfer Resource Center.

TRIO PROGRAM
TRIO (Talent, Resources, Initiative, Opportunity) is a federally funded program that provides free support services to eligible students. To be eligible for the program, a student must have academic need as defined by the Federal government and meet one of the following criteria:
1. Neither parent graduated from a four-year college;
2. The student is receiving financial aid; or
3. The student has a documented learning or physical disability.

Students who are accepted into the program work with the TRIO staff’s counselors and advisors to facilitate their graduation from BCC with an associate degree and transfer to a four-year college. More information on the benefits of belonging to TRIO is available in the TRIO Center (F-237) at 413-236-1680.

VALOR ACT ACADEMIC CREDIT POLICY
In accordance with the Valor Act, BCC evaluates academic credit earned for military training, experience or coursework using the same standards as those applied to coursework from regionally accredited colleges and universities. BCC reviews military transcripts (e.g. SMART and AARTS), college transcripts, and CLEP and DANTES Subject Standardized Tests for potential transfer of credit to the student’s intended program of study. Credit for Military experience (DD214) shall also be granted where applicable, as recommended by the American Council on Education (ACE). Every effort will be made to recognize and award academic achievement consistent with the College’s general transfer-in policies.

For specific guidance and advice regarding transfer credit contact Peg Cookson, Student Success Advisor & Transfer Evaluator, in the Academic Advising Center at 413-236-1625.

VENDING MACHINES
Vending machines can be found in the following locations:
Field Administration Center
• Outside Computer Lab — cold beverages
Hawthorne Hall
• Snacks, cold beverages
Susan B. Anthony Center
• Dining Hall — cold beverages
• Lounge — snacks, cold beverages
Koussevitzky Arts Center
• Lobby — snacks, cold beverages, food vendor
Melville Hall
• Closed for renovation (slated for completion in January 2017)
• Snacks, cold beverages
Paterson Field House
• Snacks, cold beverages
South County Center
• Cold beverages

www.berkshirecc.edu/studentservices
BCC offers a wide range of noncredit learning opportunities for people of all ages.

Designed for self-improvement, vocational or recreational purposes, these initiatives are offered on-campus, throughout the county and beyond. The College also participates in the economic development of Berkshire County through various collaborative efforts and an active business and industry development team.

COMMUNITY EDUCATION

BCC’s Office of Community Education develops, coordinates and implements noncredit initiatives. The division serves people of all ages whose educational and training needs cannot be met through traditional college-credit programs. Noncredit workshops and seminars are offered throughout the year both on- and off-campus.

Flexibility and close working relationships with community organizations, private industry and the public keep the division responsive to the needs and interests of the entire community. Visit www.berkshirecc.edu/workshops to learn more.

KID ACADEMY

Throughout the year, BCC’s Office of Community Education provides workshops designed for kids from kindergarten to age 16. An array of course offerings for the “Inquisitive Mind” include programs such as nature, photography, culinary, finance, golf and Safe Sitter training. For more information, call 413-236-2127 or visit www.berkshirecc.edu/workshops.

NONCREDIT INSTRUCTION

A complete list of noncredit offerings is mailed to the public three times a year in BCC’s spring, summer and fall semester booklets. An up-to-date listing of current offerings can be found at www.berkshirecc.edu/workshops. This website also allows individuals to register and pay online for a noncredit workshop. In addition to the workshops held in classrooms throughout Berkshire County, online noncredit courses are also offered through MindEdge, ed2go and Gatlin Education. Senior citizens may register for most noncredit workshops at a 20 percent discount. For more information, call 413-236-2127.

OSHER LIFELONG LEARNING INSTITUTE AT BCC

The Osher Lifelong Learning Institute (OLLI) at BCC is a volunteer-run membership organization that provides exciting educational and social experiences designed especially by and for people fifty years old and up. OLLI offers four semesters of classes each year in the arts, literature, science, history, politics and other subjects, with no grades, tests or homework. In addition, OLLI offers a lively Distinguished Speaker Series, engaging special events and exciting educational trips to locations like West Point, the Boston Museum of Fine Arts and more.

Based at BCC, OLLI also partners with Williams College, the Massachusetts College of Liberal Arts, Bard College at Simon’s Rock, and over thirty cultural and community organizations in the Berkshires.

Membership information and OLLI’s latest class catalog can be found online at www.BerkshireOLLI.org. You may also call 413-236-2190 or e-mail olli@berkshirecc.edu for more information.

ROAD SCHOLAR

Thought-provoking community education also takes place through BCC’s participation in the national Road Scholar program. The College offers eight to ten programs each year at the Crowne Plaza Hotel in Pittsfield where more than 300 people from the United States, Canada and beyond enjoy a week of college-level courses, field trips, lively discussions and stimulating company. Course topics include art, literature, music and much more. Local residents over 55 are invited to “commute” at a fraction of the already reasonably priced tuition. For more information, call 413-236-2127.

Berkshire Innovation Center

The Berkshire Innovation Center (BIC) is a collaborative learning and research system in support of Advanced Manufacturing. The system was funded by an award from the Massachusetts Life Science Center in the amount of $9.7 million. The Center will house hi-tech manufacturing equipment and training programs designed to assist member companies enter and advance in the medical device field. BCC is a partner and also has representatives that serve as board members, as well as the chair of the Education and Training Committee.

BCC further supports the BIC by partnering with McCann and Taconic Vocational Schools by awarding stackable college credit for Massachusetts Advancement Center Workforce Innovation Collaborative (MACWIC) Certification and other approved Vocational/Technical stackable pathways that lead to a BCC certificate and associate degree.

The BIC is an overall partner with BCC for the coordination of the annual Robotics Competition for middle and high schools in Berkshire County.

WORKFORCE DEVELOPMENT & CORPORATE TRAINING

BCC’s Office of Workforce Development and Corporate Training responds to requests for general and customized training for Berkshire County businesses. With experienced instructors possessing cutting-edge, industry-specific skills and campus centers strategically located through Berkshire County, BCC is positioned to develop and deliver training initiatives designed to support the human resource development goals of business and industry.

Examples of training topics include, but are not limited to: computer training at all levels, technical and business writing, workplace Spanish, conflict resolution, leadership and management skills, OSHA certification, holding license preparation, First Aid/CPR/AED certification, advanced manufacturing training and healthcare certifications.

In addition to training for business and industry, this department also coordinates grant-funded training programs for various populations including unemployed and incumbent workers. For more information, call 413-236-2125 or 413-236-2126.
STATMENTS, DISCLOSURES & POLICIES

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GENERAL DISCLOSURES

Student Right-To-Know
Each student entering Berkshire Community College has distinct educational, career and personal goals. Although the majority of full- and part-time students enroll in either a certificate or associate degree program, students may take a specific class or group of classes to acquire additional skills or for personal enrichment. BCC remains flexible enough in both its programming and scheduling to address the needs of each student.

This section of the catalog contains the primary policies and regulations that apply to all members of the College community. However, this information is not intended to be a statement of the College’s contractual undertakings. A complete list of detailed policies and procedures is contained in the BCC Student Policy Guide that is made available annually to all students. Copies of the Guide may be obtained from the Office of the Vice President for Student Affairs and Enrollment Services, the Jonathan Edwards Library or online at www.berkshirecc.edu/studentpolicyguide.

Disclosure of Institutional Graduation & Transfer-Out Rates
The federal government requires that all post-secondary institutions provide both prospective and current students with information concerning the performance of current students as an illustration of the likelihood of success. The law requires that the information include the rate at which degree-seeking students who attend the institution on a full-time basis, and are attending any college for the first time, successfully complete the program. A student is considered to have successfully completed the program if graduation occurs within 150 percent of the time required by the program. For example, a student who graduates from a two-year program within three years has successfully completed the program by federal guidelines.

Berkshire Community College’s graduation rate for first-time, full-time degree-seeking freshmen entering the College in the fall of 2012 was 19 percent. For this cohort, 43 percent graduated within 200 percent of the time required by the program. The 2015 graduate transfer rate was 24 percent.

It should be understood that the first-time, full-time degree-seeking freshman population represents only 18 percent of the fall 2012 incoming class. The performance of the remaining 82 percent of the incoming class, by law, is not included in the rate reported above.

Accreditation
Berkshire Community College is accredited by the New England Association of Schools and Colleges, Inc. (NEASC) a non-governmental, nationally recognized organization whose affiliated institutions include elementary schools through collegiate institutions offering post-graduate instruction.

Accreditation of an institution by the New England Association indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer group review process. An accredited school or college is one that has available the necessary resources to achieve its stated purpose through appropriate education programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future.

Institutional integrity is also addressed through accreditation. Accreditation by the New England Association is not partial, but applies to the institution as a whole. As such, it is not a guarantee of the quality of every course or program offered or the competence of the individual graduate, but does provide reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding the status of Berkshire Community College’s accreditation by the New England Association should be directed to the College’s administrative staff (copies of the Association’s report are available in the President’s Office). Individuals may also contact the Association directly to:

Commission on Institutions of Higher Education
New England Association of Schools and Colleges
209 Burlington Rd., Suite 201
Bedford, MA 01730-1433
781-271-0022

Audited Financial Statement
A copy of the College’s most recent audited financial statement may be obtained for review from the Office of the Vice President for Administration and Finance, Chief Financial Officer; the College Business Office or the Jonathan Edwards Library.

Licensure Exam Pass Rates

FOR THE CLASS OF 2015
(Most recent year tested for Nursing)
Eighty-nine percent (89 percent) of BCC’s associate degree students in Nursing who were first-time takers of the National Council Licensure Examination (NCLEX-RN) achieved a passing mark and eligibility for RN licensure. 71.4 percent of BCC’s certificate students in Practical Nursing who completed the National Council Licensure Examination (NCLEX-PN) achieved a passing mark and eligibility for LPN licensure.

FOR THE CLASS OF 2010
(Most recent year tested for Respiratory Care)
One-hundred percent (100 percent) of BCC’s associate degree students in Respiratory Care who completed the National Board for Respiratory Care Licensure Examination achieved a passing mark and eligibility for licensure as Registered Respiratory Therapists.

FOR THE CLASS OF 2015
(Most recent year tested for PTA)
Ninety-four percent (94%) of BCC’s associate degree students in the Physical Therapist Assistant (PTA) program who completed the National Physical Therapist Assistant Examination achieved a passing mark and eligibility for PTA licensure.

STATEMENT OF NON-DISCRIMINATION

Berkshire Community College is an affirmative action/equal opportunity institution and does not discriminate on the basis of race, creed, religion, color, gender, gender identity, sexual orientation, age, disability, genetic information, maternity leave, military service and national origin in its educational programs or employment pursuant to Massachusetts General Laws, Chapter 151B and 151C, Title VI, Civil Rights Act of 1964; Title IX, Education Amendments of 1972; Section 504, Rehabilitation Act of 1973; the Americans with Disabilities Act, and regulations promulgated thereunder, 34 C.F.R. Part 100 (Title VI), Part 106 (Title IX) and Part 104 (Section 504).

All inquiries concerning application of the above should be directed to Deborah Cote, Vice President for Human Resources and Affirmative Action Officer, and Coordinator of Title IX and Section 504, located in the Susan B. Anthony Annex (Room A-21) at 413-236-1022. The Commonwealth of Massachusetts Community Colleges’ Affirmative Action Plan, which is available in the Human Resources Office, contains a full explanation of this specific policy.

Persons with Disabilities
BCC recognizes the multitude of barriers that confront persons with disabilities in access to both employment and education. Consistent with state and federal statutes that affirm and protect

www.berkshirecc.edu
The Americans with Disabilities Act prohibits discrimination against people with disabilities, the College has adopted a policy of non-discrimination and equal opportunity for otherwise qualified persons with disabilities. In all matters of employment, disabled persons will receive full and fair consideration.

The College will take measures to ensure equal opportunity in all areas of employment including recruitment, selection, upgrading, opportunities for training and development, rate of compensation, benefits and all other terms and conditions of employment. Reasonable accommodations will be afforded to any qualified, disabled employee to enable such employee to perform the essential duties of the job. Reasonable accommodations will also be afforded to disabled applicants for employment to enable them to adequately pursue candidacy for any available position. Any reason for not providing such accommodations shall be the result of undue hardship on the College.

Specific efforts will be undertaken by the College to ensure equal opportunity for disabled persons. It is recognized that all facilities at the College may not be available and accessible at a particular time. A copy of the full policy is available in the offices of the Vice President for Student Affairs and Enrollment Services, and the Vice President for Human Resources & Affirmative Action Officer.

AIDS
Acquired Immunodeficiency Syndrome (AIDS) is a disease caused by the human immunodeficiency virus (HIV) that can damage the immune system and destroy the body’s ability to fight off illness. AIDS by itself does not kill, but allows other infections that can kill (such as pneumonia, cancer and other illnesses) to invade the body. Under the Massachusetts Constitution, Article 114, and Massachusetts General Laws, Chapter 151B, it is unlawful to discriminate against a person on the basis of his/her handicap. These laws, as well as other state laws, offer various forms of protection to people with AIDS and those perceived to be at risk of having AIDS.

In addition, various federal laws prohibit AIDS-related discrimination. The Rehabilitation Act of 1973 prohibits discrimination against people with AIDS or those perceived to be at risk of having AIDS by federal agencies, federal contractors and subcontractors, and by institutions receiving federal funds. Title VII of the Civil Rights Act of 1964 may protect against discriminatory practices associated with AIDS where such practices have disproportionate impact on persons of a particular gender, race or national origin. The Americans with Disabilities Act prohibits discrimination against people with AIDS.

Because there is presently no specified cure for AIDS, the most important goal of this policy is to increase awareness and provide education to prevent further spread of the disease. The most effective means of addressing this issue is to ensure that persons with AIDS are not discriminated against, to educate students and employees about AIDS, and to develop reasonable policies, precautions and procedures.

CAMPUS CRIME DISCLOSURES
In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act (20 USC 1092(a) and (f)), commonly known as the Clery Act, BCC files with the federal government and publishes an Annual Security Report that includes crime statistics and institutional policies concerning campus security and safety matters.

The report is available at www.berkshirecc.edu/clery. A printed copy of the report is available at the offices of Public Safety and Student Affairs. Students may have a copy of the report mailed to them by contacting Public Safety at 413-236-0110.

POLICIES
Alcohol & Drugs
On December 12, 1989, Congress amended Title XII of the Higher Education Act of 1965. The amendment, known as the “Drug-Free Schools and Communities Act of 1989,” requires every educational institution that receives federal funding to certify its adoption and implementation of programs designed to prevent the use of illegal drugs and the abuse of alcohol by students and employees. In accordance with legal mandates and its philosophy of establishing and maintaining an environment of learning and a supportive climate in which to conduct the business and mission of the College, BCC enforces the following policies:

- The unlawful manufacture, distribution, dispensing, possession, or use of alcohol, or a controlled substance, is prohibited on the campus of BCC or as part of any college-related activity.
- BCC shall cooperate in the enforcement of federal and state laws concerning illegal drugs and alcoholic beverages;
- Under-age drinking is prohibited at BCC functions and on any part of the campus; and
- Alcohol may not be served, consumed or furnished at any BCC student event either on or off any of its facilities. The only exception is the Hospitality Administration and Culinary Arts program dinners. Club or activity advisors, or other appropriate college officials, should take all reasonable steps to ensure that alcohol is not available during or en route to a college-sponsored event.

Employees working under federally funded grants are additionally subject to the Drug-Free Workplace Act of 1988.

The College will present campus-wide drug and alcohol education literature on an annual basis. This is in addition to other educational opportunities available in current or future offerings.

The following medical risks are associated with drug and alcohol use: overdose, dependence, ill health and accidents. For any member of the BCC community who is experiencing substance abuse problems, the College will offer supportive services and referral for treatment, as appropriate and available. The College shall conduct a biennial review of these policies and programs and implement changes as necessary. A full copy of this policy is included in the Student Policy Guide which may be obtained from the Vice President for Student Affairs and Enrollment Services Office (F-126) or viewed online on the BCC website.

Equity in Athletics
Regulations published November 29, 1995, implemented the provision of the Improving America’s Schools Act of 1994 titled the Equity in Athletics Disclosure Act (EADA). The EADA is designed to make prospective students aware of the commitments of a school in providing equitable athletic opportunities for its men and women students. An annual EADA report is prepared by the Director of Recreational and Athletic Programming and contains participation rates, financial support, and other information on men’s and women’s intercollegiate athletic programs at Berkshire Community College. Copies of this report are available at Paterson Field House. Presently, BCC has intramural and intercollegiate club sports.

Gambling
The College follows state guidelines which prohibit illegal gambling. This includes games that result in an exchange of money.

Gender & Sexual Orientation
BCC is committed to providing a working, living and learning environment that utilizes the resources of all members of the College community and develops the talents of all of its students without regard to gender or sexual orientation. Any condition that interferes with the development of talents by causing discrimination based on gender or sexual orientation constitutes a destructive force within the college community.

The College hereby prohibits all forms of discrimination on the basis of gender or sexual orientation. This prohibition bars all acts that have the effect of denying to any person equality of right, entitlement, benefit or opportunity by reason of such person’s gender or sexual orientation. Harassment by personal vilification is prohibited whenever such harassment is based on a person’s gender or sexual orientation.

Students or employees who believe their rights under this policy have been violated shall have the recourse under their respective grievance procedures (i.e., the student grievance procedure and the affirmative action grievance procedure) found in the Student Policy Guide.

Hazing
The practice of hazing is prohibited by law in the state of Massachusetts. Hazing is defined as any conduct or method of
initiation into any student organization, whether on public or private property, which willfully or recklessly endangers the physical or mental health of any student or other person.

A copy of the law pertaining to the practice of hazing is available in the Vice President for Student Affairs and Enrollment Services Office. This policy will be distributed to every club or organization at BCC. More specific information may be obtained by contacting the Vice President for Student Affairs and Enrollment Services or the Director of Student Engagement.

Campus Crime Statistics
Per the Campus Security/Crime Act of 1990 as amended by the Violence Against Women Reauthorization Act of 2013 20 USC 1092 (f), an annual security report is published and made available each year detailing campus crime statistics for the previous 3 years. [Statistics described shall be compiled in accordance with the definitions used in the uniform crime reporting system of the Department of Justice FBI and modifications in such definitions as pursuant to the Hate Crime Statistics Act. For the offenses of domestic violence, dating violence, and stalking, such statistics shall be compiled in accordance with the definitions used in section 40002(a) of the Violence Against Women Act of 1994 (42 US Code 13925 (a). Such statistics shall not identify victims of crimes or persons accused of crimes.] This report is prepared in cooperation with local law enforcement agencies surrounding our Main Campus, satellites and alternate sites, campus security, and the Division of Student Affairs. Each semester, an e-mail notification is made to all enrolled students providing the web site to access this report. Faculty and staff receive similar notification. A paper copy of this publication is available upon request from the Office of Student Affairs at 413-236-1602.

Policy Against Discriminatory Harassment & Retaliation
BCC condemns all acts of verbal harassment or abuse, which deny or have the effect of denying to an individual his/her legal rights to equality, dignity and security while at BCC. The policy reaffirms the doctrine of civility, appreciation for pluralism, and pre-eminence of individual human dignity as preconditions to the achievement of an academic community that recognizes and utilizes the resources of all persons while reaffirming the tenets of academic freedom.

The College recognizes its obligation to protect the rights of free inquiry and expression, and nothing herein shall be construed or applied so as to abridge the exercise of rights under the Constitution of the United States and other federal and state laws. Students or employees who believe their rights under this policy have been violated shall have recourse under a respective grievance procedure (i.e., the student grievance procedure and the affirmative action grievance procedure) which is detailed in the Student Policy Guide.

Publications Regarding Procedures & Policies
Berkshire Community College has two publications outlining its procedures and policies. They are The Student Policy Guide and The Crime Awareness & Campus Security Report. Both can be found online at www.berkshirecc.edu. A paper copy can be obtained upon request from the Office of Student Affairs at 413-236-1602.

Sexual Harassment
Sexual harassment of the student, an employee or any other person at BCC is unlawful, unacceptable, impermissible and intolerable. In addition to sexual harassment being unlawful, it is also unlawful to retaliate against a student, employee or any other person in the College for filing a complaint of sexual harassment or for cooperating in an investigation of sexual harassment.

BCC’s policies and procedures on sexual harassment are made available to all college community members. In addition to formal procedures, the College shall ensure that appropriate opportunities are available to students and employees to obtain counseling concerning their rights under the law and effective means of informally resolving grievances. A complete copy of the College’s sexual harassment policy is included in the Student Policy Guide.

Smoke-Free Campus Policy
I. INDIVIDUALS AFFECTED BY THIS POLICY:
All individuals on Berkshire Community College's campus.

II. POLICY STATEMENT:
Smoking is prohibited on all property owned or operated by Berkshire Community College (BCC). This consists of all buildings, all grounds, including exterior open spaces, parking lots, on-campus sidewalks, roadways and driveways, recreational spaces and practice facilities; and in all College-owned or leased vehicles. Smoking will only be allowed in private vehicles, lawfully parked on campus lots (north, central and/or south lots) in which the smoker is authorized to be.

III. RATIONALE FOR POLICY:
Berkshire Community College recognizes the medical evidence that indicates that smoking is a serious health hazard, and that this health hazard extends to non-smokers subjected to second-hand smoke. BCC is committed to promoting a healthy and safe environment for everyone on campus. This policy is intended to reduce the health risks related to second-hand smoke for the campus community, providing a healthy learning and working environment.

IV. DEFINITION:
Smoking — the burning of tobacco or any other material in any type of smoking equipment, including but not restricted to cigarettes, cigars, pipes or electronic vapor-cigarettes.

V. PROCEDURES:
A. Effective implementation of the policy depends on the courtesy, respect and cooperation of all members of the campus community. All members of the College community may, but are not required to, assist in this endeavor to make BCC smoke-free through supportive and non-confrontational efforts to inform the offending party of the existence of this policy and/or by requesting that he or she adhere to its conditions.

B. Complaints concerning employees of the College should be brought to the attention of the employee’s immediate supervisor, or in the alternative to the Vice President for Human Resources. Complaints concerning students should be brought to the attention of campus security or the Vice President for Student Affairs and Enrollment Services (the College’s Student Code of Conduct Officer). Any disciplinary measures will be reserved for repeat infractions or infractions that interfere with the College’s academic or workplace needs or responsibilities, consistent with applicable collective bargaining agreement procedures or the Student Code of Conduct.

C. Visitors who fail to comply with the policy may be prohibited from remaining on or returning to campus.

OFF-CAMPUS RESOURCES:
1. American Cancer Society
   31 Capital Drive, W. Springfield, MA 01089-1344
   413-734-6000 • 800-227-2345

2. American Lung Association of Western Massachusetts
   393 Maple Street, Springfield, MA 01105
   800-586-4872

3. Tobacco Treatment
   Carol McMahon, Program Director
   BMC/Hillcrest Hospital
   165 Tor Court, Pittsfield, MA 01201
   413-499-2602

Institutional Mission & Values Statement
See BCC Mission Statement and BCC Values in the front of the catalog on page 3.
PROGRAMS OF STUDY
Degree & Certificate Programs

Associate in Arts (A.A.)
The A.A. degree programs (e.g., Business Administration) include a minimum of 33 general education credits and conform to the requirements of the Massachusetts Transfer Compact.

Associate in Science (A.S.)
The A.S. degree programs (e.g., Business Careers) include a minimum of 21 general education credits and do not conform to the Massachusetts Transfer Compact. Students who wish to be eligible for compact status may pursue additional courses.

Certificate Programs
BCC’s certificate programs, which may be completed in one year or less of full-time study, provide the skills needed for immediate entry into the job market upon program completion. Students wishing to pursue a certificate program must complete a learning skills assessment and be formally admitted to the College. Students needing developmental education in reading, writing, arithmetic or algebra should address those requirements during their first semester or during the summer session before their first semester.

Second BCC Degree
Students are eligible for a second degree upon completion of a minimum of 15 credit hours beyond those earned toward their first degree. They also must meet all the course requirements of their second program.

Second Option or Concentration
Students may complete a second option or concentration in a degree program from which they have already earned a degree. Completion of the second option will be noted on the student’s academic transcript, but does not lead to another degree or formal award.

Values Statement
Berkshire Community College (BCC) strives to place higher education within reach of all residents of Berkshire County and beyond. BCC is committed to access, academic excellence, student success and leadership in the community.

- BCC helps students overcome financial, physical and/or social barriers and welcomes them into a college environment of academic excellence;
- BCC provides quality programs that prepare students to enter or progress within the workforce and/or for transfer, while fostering a lifelong enthusiasm for learning;
- BCC provides the resources and services students need to be successful, to meet our academic standards and to achieve their personal and professional goals; and
- BCC provides leadership by furthering the engagement of our students in the community; by working collaboratively with civic leaders, organizations and employers; and by serving as a center for diverse educational and cultural activities.

Berkshire Community College is fully accredited by the New England Association of Schools and Colleges, Inc., Commission of Higher Education.

Following a comprehensive on-site evaluation in October 2009, the commission accredited BCC for 10 years, the maximum allowed. The next comprehensive evaluation will take place in Fall 2019. For more information, see Accreditation on page 41 or visit www.berkshirecc.edu.

“The bonds I have formed with my advisor, professors and peers have given me everlasting support even after completing the program.”

Gabby Brooks
2015 29 Who Shine Honoree
Class of 2015
BCC offers more than 50 associate degree and certificate programs of study, including options and concentrations.

BCC also offers general education and foundation courses for the Bachelor’s of Nursing degree conferred by the University of Massachusetts (UMass). Program details are listed on the pages that follow.
PROGRAMS OF STUDY  Allied Health

CERTIFICATE, ALLIED HEALTH
MASSAGE THERAPY

Program Advisor: Judith Gawron, PT, DPT • 413-236-4604

The Massage Therapy certificate program prepares students to become Massachusetts State Licensed Massage Therapists with the skills and knowledge to provide effective relaxation and wellness massage. Graduates are prepared to enter the health care field in various settings, including private practice.

Admission Requirements
Students must submit an application and a Massage Therapy Certificate Matriculation Form. Potential students who have met all admission requirements are accepted into the program on a space available basis at any time. Applicants who do not initially meet the requirements may take courses to become eligible by enrolling in BCC’s Health Science program.

This program cycles and is offered every other year. The next class will be admitted for Fall 2016. The sequence of courses begins in the fall semester.

ADMISSION REQUIREMENTS INCLUDE:
• Documentation of high school graduation or alternative high school credential;
• Completion of ENG-020 and ENG-060, if applicable;
• Completion of high school college prep biology within the past five years, or a C or better in college biology (BIO-105 or BIO-101); and
• Documentation that the student has received one professional massage within the last two years.

Essential Functions
Berkshire Community College seeks to provide equal access to its programs, services and activities for people with disabilities. Therefore, to the extent practicable, the College will endeavor to make a reasonable academic adjustment for an applicant with a disability who is otherwise qualified.

The essential functions of a student enrolled in the Massage Therapy program requires that the student, with or without reasonable accommodations, must be able to accomplish the following:

• Critical Thinking
  - Integrate information from a variety of sources such as (knowledge content) text books, reference books, palpation, observation, communication (verbal/non-verbal) to guide decision making;
  - Evaluate and implement appropriate actions for self-care to prevent injury and burn-out;

• Communication
  - Maintain professional verbal/nonverbal communication;
  - Demonstrate active listening;
  - Develop rapport;
  - Understand and to respond appropriately to nonverbal communication; and
  - Use effective written, verbal and nonverbal communication which is accurate and appropriate to the audience.

• Professional Presence
  - Demonstrate attributes of empathy, compassion, tolerance and respect;
  - Function autonomously, effectively and ethically in an intimate environment;
  - Align with professional ethics and standards;
  - Maintain mental focus for uninterrupted, repeated periods of 60–90 minutes; and
  - Ensure physical/emotional safety of the environment.

• Physical
  - Maintain continuous standing and moving with periods of sitting for 60–90 minutes;
  - Perform repetitive gross motor movements of arms and legs for 60–90 minutes at a time;
  - Maintain appropriate body mechanics for 60–90 minutes at a time;
  - Assist a person on and off a massage table;
  - Lift a person’s limbs while on a massage table;
  - Perform repetitive fine motor skills with hands to manipulate tissue; and
  - Use sensation of touch to accurately respond to tissue changes.

Expected Outcomes
Graduates of this program will be able to:
• Demonstrate current academic, clinical and holistic skills necessary for the professional practice of therapeutic or relaxation massage;
• Maintain professional, ethical and client-centered communication and rapport with peers, faculty, clients and other health care professionals;
• Integrate college level knowledge of human anatomy, physiology and pathology while organizing safe and effective therapeutic relaxation massages;
• Identify various successful business practice strategies for massage therapists; and
• Recognize appropriate strategies for self-care and professional lifelong learning; and therapeutic relaxation massage.

Graduation Requirements
To earn a certificate in this program, a student must complete all program credits, plus the following additional requirements.

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ADDITIONAL REQUIREMENTS
Minimum Cumulative Average
Overall........................................................................................................2.000
Minimum grade required in each program course........2.000
PROGRAMS OF STUDY Allied Health

▲ Suggested Block for Completion
The following is a suggestion for completing this program in one year. The actual time to complete the program may vary according to each student’s individual needs.

FIRST SEMESTER 13 CREDITS
AHS-101 Intro to Complementary Care (hybrid) ..................2
AHS-131 Orientation to Musculoskeletal System ..................2
BIO-150 Intro to the Human Body.................................4
MBW-110 Therapeutic Massage I .................................5

SECOND SEMESTER 16 CREDITS
AHS-162 Applied Visceral Anatomy (see footnote 1) ..............2
AHS-115 Fundamentals of Human Disease or
AHS-230 Pathophysiology ...........................................3
COM-104 Intro to Interpersonal Communication or
ENG-101 Composition I .................................................3
MBW-120 Therapeutic Massage II ....................................4
MBW-130 Therapeutic Massage Practicum
(see footnote 1) .........................................................2
MBW-131 Therapeutic Massage Seminar ............................1
MBW-150 Business Practice for
Massage Therapy (online) .........................................1

FOOTNOTE
1. Students must complete CPR and First Aid certification prior to
enrollment in MBW-130 and maintain certification throughout the
clinical. AHS-162 is offered only in the spring semester.

NOTES
Massage Therapy students must follow College immunization policy
(see Immunizations on page 12). Additional immunizations required
by the program must be completed prior to MBW-130 and remain
current throughout the course.

Individual states vary in the number of course and clinical hours
required for licensure. It is the students’ responsibility to fully inves-
tigate the licensing requirements of any state in which they wish to
practice. If further coursework is needed to meet those requirements,
students should work with their advisor to plan specific additional
coursework.

CORI✓ Any prior criminal offense could hinder placement in clinical
agencies and the ability to become licensed in this field. See Criminal
& Sex Offender Record Information Checks on page 13 for details.
CERTIFICATE, ALLIED HEALTH  

PHYSICAL FITNESS

Program Advisor: Sherry Scheer • 413-236-4511

The Physical Fitness certificate program offers personal and professional opportunities in the world of fitness. Multiple approaches to exercise are combined with theories of wellness as students learn and practice the benefits of aerobic exercise, strength training, stress reduction, healthy nutrition and life habits. Completion of the program requirements leads to employment as group exercise instructors, personal trainers or fitness instructors at health and fitness clubs, community organizations or other fitness facilities. In addition, the program provides students an opportunity to achieve the ACE Personal Trainer Certification, a nationally recognized credential. Classroom training and on-site experiences are provided.

Essential Functions

Berkshire Community College seeks to provide equal access to its programs, services and activities for people with disabilities. Therefore, to the extent practicable, the College will endeavor to make a reasonable academic adjustment for an applicant with a disability who is otherwise qualified.

The essential functions of a student enrolled in Physical Fitness program requires that the student, with or without reasonable accommodations, must be able to:

• Demonstrate the ability to coordinate simultaneous motions;
• Perform movements that require supination, pronation, flexion, extension, adduction, abduction, hyperextension rotation, circumduction;
• Operate strength training equipment which requires, pushing, pulling, rotating, or moving objects and weights;
• Demonstrate ability to retain and evaluate information for use in supervision and evaluation of clients;
• Display cognitive (thinking) abilities to measure, calculate, reason and analyze information and data;
• Demonstrate ability to manipulate dials on equipment;
• Demonstrate the ability to stretch, bend, lunge, sit, step up, step down and chop;
• Perform exercise skills in both fast and slow cadences; and
• Maintain a level of energy and endurance necessary to complete essential functions;
• Demonstrate safe body mechanics when moving clients or equipment: including lifting, carrying small equipment (under 50 lbs.) and moving large equipment (over 50 lbs.);
• Function within the ethical and legal standards of fitness settings;
• Demonstrate the ability to effectively manage two or more activities or sources of information;
• Utilize problem-solving skills in making a decision;
• Detect an unsafe environment and carry out appropriate emergency procedures; and
• Effectively communicate to clients and other health professionals by:
  - Explaining procedures;
  - Receiving information from others;
  - Receiving information from written documents;
  - Exhibiting appropriate interpersonal skill(s) (to motivate clients);
  - Analyzing and documenting assessment finding and intervention;
  - Demonstrating the ability to critically read and interpret charts, instruction and manuals.

Expected Outcomes

Graduates of this program should be able to:

• Demonstrate written and oral English competence;
• Use modern technology to access, evaluate and apply information (state-of-the-art fitness equipment, cardio monitoring and knowledge of safe use of fitness equipment);
• Demonstrate competence in career planning, health management and lifelong learning;
• Demonstrate skills beyond entry-level (health and fitness club manager, private personal trainer, specialized fitness instructor);
• Identify good, basic exercise testing and program design; and
• Practice good nutrition and explain basic principles to clients relative to exercise physiology.

Graduation Requirements

To earn a certificate in this program, a student must complete all program credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHS-142</td>
<td>Exercise Science ........................................... 3</td>
</tr>
<tr>
<td>AHS-148</td>
<td>Responding to Medical Emergencies ...................... 2</td>
</tr>
<tr>
<td>AHS-150</td>
<td>Introduction to Nutrition .................................. 3</td>
</tr>
<tr>
<td>AHS-155</td>
<td>Stress and Your Health................................... 3</td>
</tr>
<tr>
<td>COM-105</td>
<td>Intro to Oral Communication ............................... 3</td>
</tr>
<tr>
<td>PED-135</td>
<td>Ultimate Functional Training Workout .................. 2</td>
</tr>
<tr>
<td>PED-136</td>
<td>Weight Training .................................................. 1</td>
</tr>
<tr>
<td>PED-137</td>
<td>Aerobics ......................................................... 1</td>
</tr>
<tr>
<td>PED-144</td>
<td>Stretching and Flexibility ................................... 1</td>
</tr>
<tr>
<td>PED-152</td>
<td>Group Exercise Instruction ................................... 2</td>
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<tr>
<td>PED-161</td>
<td>Advanced Strength Training ................................ 1</td>
</tr>
<tr>
<td>PED-170</td>
<td>Personal Trainer ................................................ 3</td>
</tr>
<tr>
<td>PED-180</td>
<td>Fitness for Life .................................................. 2</td>
</tr>
<tr>
<td>PED-196</td>
<td>Practicum I ....................................................... 1</td>
</tr>
<tr>
<td>PED-197</td>
<td>Practicum II ....................................................... 1</td>
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</table>

ADDITIONAL REQUIREMENTS

Demonstrated college-level skills in reading and writing
Minimum Cumulative Average
Overall .................................................. 2.000
Program requirements ................................... 2.000

Suggested Block for Completion

The following is a suggestion for completing this program in one year. The actual time to complete the program may vary according to each student’s individual needs.

FIRST SEMESTER  15 CREDITS

<table>
<thead>
<tr>
<th>PROGRAM</th>
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<td>AHS-142</td>
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<td>AHS-148</td>
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<tr>
<td>AHS-150</td>
<td>Introduction to Nutrition .................................. 3</td>
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<td>COM-105</td>
<td>Intro to Oral Communication ............................... 3</td>
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<td>PED-136</td>
<td>Weight Training .................................................. 1</td>
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<td>Fitness for Life .................................................. 2</td>
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<tr>
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<td>Practicum I ....................................................... 1</td>
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SECOND SEMESTER  14 CREDITS

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<tr>
<th>PROGRAM</th>
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<td>Stress and Your Health................................... 3</td>
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</tr>
<tr>
<td>PED-137</td>
<td>Aerobics ......................................................... 1</td>
</tr>
<tr>
<td>PED-144</td>
<td>Stretching and Flexibility ................................... 1</td>
</tr>
<tr>
<td>PED-152</td>
<td>Group Exercise Instruction ................................... 2</td>
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<td>PED-161</td>
<td>Advanced Strength Training ................................ 1</td>
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<tr>
<td>PED-170</td>
<td>Personal Trainer ................................................ 3</td>
</tr>
<tr>
<td>PED-197</td>
<td>Practicum II ....................................................... 1</td>
</tr>
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NOTE

CORI: Any prior criminal offense could hinder placement in clinical agencies and the ability to become licensed in this field. See Criminal & Sex Offender Record Information Checks on page 13 for details.
ASSOCIATE IN SCIENCE, ALLIED HEALTH

PHYSICAL FITNESS OPTION

Program Advisor: Sherry Scheer • 413-236-4511

This program is endorsed by The American College of Sports Medicine and the American Council on Exercise.

The Physical Fitness degree option offers students an opportunity to expand upon the Physical Fitness certificate program in addition to instruction in nutrition, cardiovascular and strength conditioning, personal training and other topics that are covered in the certificate program, the degree program goes on to explore the human body and its relationship to exercise and fitness more intensely. Topics include the mind/body connection, injury prevention and sports psychology. Deeper exploration of exercise physiology and human anatomy are also provided.

Essential Functions
See Essential Functions for the Physical Fitness Certificate on page 48.

Expected Outcomes
See Expected Outcomes for the Physical Fitness Certificate on page 48.

Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
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<tr>
<td>AHS-142 Exercise Science</td>
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<td>AHS-150 Introduction to Nutrition</td>
<td>3</td>
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<tr>
<td>AHS-155 Stress and Your Health</td>
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<tr>
<td>AHS-220 Principles of Fitness Components</td>
<td>3</td>
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<tr>
<td>AHS-235 Fitness Program Planning</td>
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<tr>
<td>AHS-238 Mind/Body Theory and Methods</td>
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<td>PED-161 Advanced Strength Training</td>
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<tr>
<td>PED-170 Personal Trainer</td>
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</tr>
<tr>
<td>PED-180 Fitness for Life</td>
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</tr>
<tr>
<td>PED-196 Practicum I</td>
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<td>PED-197 Practicum II</td>
<td>1</td>
</tr>
<tr>
<td>PED-207 Prevention/Care Exercise Injuries</td>
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<tr>
<td>PED-241 Advanced Practicum I</td>
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<td>PED-242 Advanced Practicum II</td>
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<tr>
<td>PED-250 Psychology of Sport</td>
<td>3</td>
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<tr>
<td>AHS-238 Principles of Fitness Components</td>
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<tr>
<td>AHS-235 Fitness Program Planning</td>
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<tr>
<td>BIO-150 Introduction to the Human Body (see footnote 3)</td>
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<tr>
<td>ENG English Composition/Writing</td>
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<tr>
<td>PED-241 Advanced Practicum I</td>
<td>1</td>
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<tr>
<td>PSY-107 Introductory Psychology</td>
<td>3</td>
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<td>General Education Elective (see footnote 1)</td>
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GENERAL EDUCATION 22 CREDITS

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<td>COM-105 Intro to Oral Communication</td>
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<td>ENG English Composition/Writing</td>
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<td>MAT-136 Math for the Health Sciences</td>
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<tr>
<td>PSY-107 Introductory Psychology</td>
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</tr>
<tr>
<td>General Education Elective (see footnote 1)</td>
<td>3</td>
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</tbody>
</table>

ADDITIONAL REQUIREMENTS

- Core Competencies Portfolio.................................................4 items
- FORUM Health/Fitness (see footnote 2) ..........................4 units
- Overall Cumulative Grade...............................................2.000
- Minimum Cumulative Average..........................................2.000
- Program requirements..................................................2.000

Suggested Block for Completion

The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

FIRST SEMESTER 15 CREDITS

<table>
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<tr>
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<td>AHS-142 Exercise Science</td>
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<td>AHS-150 Introduction to Nutrition</td>
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<td>COM-105 Introduction to Oral Communication</td>
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<td>PED-136 Weight Training</td>
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<td>PED-180 Fitness for Life</td>
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<td>PED-196 Practicum I</td>
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SECOND SEMESTER 14 CREDITS

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<tr>
<td>PED-144 Stretching and Flexibility</td>
<td>1</td>
</tr>
<tr>
<td>PED-152 Group Exercise Instruction</td>
<td>2</td>
</tr>
<tr>
<td>PED-161 Advanced Strength Training</td>
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</tr>
<tr>
<td>PED-170 Personal Trainer</td>
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<td>PED-197 Practicum II</td>
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THIRD SEMESTER 17 CREDITS

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<tr>
<td>AHS-220 Principles of Fitness Components</td>
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<td>AHS-235 Fitness Program Planning</td>
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</tr>
<tr>
<td>BIO-150 Introduction to the Human Body (see footnote 3)</td>
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<td>ENG English Composition/Writing</td>
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<tr>
<td>PED-241 Advanced Practicum I</td>
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<td>PSY-107 Introductory Psychology</td>
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FOURTH SEMESTER 18 CREDITS

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<tr>
<td>AHS-238 Mind/Body Theory and Methods</td>
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<td>PED-207 Prevention/Care of Exercise Injuries</td>
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<td>PED-242 Advanced Practicum I</td>
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<td>PED-250 Psychology of Sport</td>
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<tr>
<td>ENG English Composition/Writing</td>
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</tr>
<tr>
<td>MAT-136 Math for the Health Sciences</td>
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</tr>
</tbody>
</table>

FOOTNOTES

1. General Education Elective chosen from History or Humanities and Fine Arts.
2. Fulfilled by successful completion of PED-135.
3. BIO-201 and BIO-202 can be taken in place of BIO-150.

NOTE

CORI/✓ Any prior criminal offense could hinder placement in clinical agencies and the ability to become certified in this field. See Criminal & Sex Offender Record Information Checks on page 13 for details.
Essential Functions
(Adapted with permission from “Essential Functions and Technical Standards for Physical Therapist Assistant Students” at Greenville Technical College)
The following standards reflect reasonable expectations of a student in the PTA Program for the performance of common physical therapy functions. They are necessary skills for the PTA to function in a broad variety of clinical situations while providing the spectrum of physical therapy interventions. All students are expected to perform these essential functions with or without accommodations throughout the PTA program.

- **Critical Thinking/ Problem Solving Skills**
  - Ability to collect, interpret and integrate information and make decisions.

- **Interpersonal Skills**
  - Ability to collaboratively work with all PTA students and with program faculty in the classroom, lab and clinical setting.

- **Behavioral/Emotional/Social Coping Skills**
  - Ability to respond appropriately to stressful environments or during impending deadlines.

- **Communication Skills**
  - Ability to communicate effectively in English using verbal, nonverbal and written formats with faculty, other students, patients, families, and health care workers.

- **Physical Mobility/Motor Skills**
  - Sufficient motor ability to execute the movement and skills required for safe and effective physical therapy treatment.

- **Sensory Abilities**
  - Sufficient auditory, visual and tactile ability to monitor and assess health needs. Monitory and assess patient’s health needs with sufficient auditory, visual and tactile acuity.

- **Professionalism**
  - Ability to demonstrate professional behaviors and a strong work ethic.

Expected Outcomes
Graduates of this program should be able to demonstrate:

- Competent entry-level PT interventions working under the supervision of a licensed physical therapist;
- Effective communication skills in a culturally sensitive manner will all members of the healthcare team; and
- Legal, professional and ethical behavior guided by the “Guide for Conduct of the PTA” and jurisdictional law.

Admission Requirements
Students must submit a college application and a Physical Therapist Assistant Matriculation Form. Students who meet all admission requirements are accepted into the PTA program on a space-available basis. Those who do not initially qualify for the program may become eligible through BCC’s Health Science program in Pre-PTA.

The sequence of PTA courses begins in the fall semester on a cyclical basis. The next cycle begins in 2017. Interested students are urged to consult the program advisor and to work on prerequisites and required courses during semesters when PTA courses are not offered.

**ADMISSION REQUIREMENTS INCLUDE:**

- Completion of ENG-020 and ENG-060, if applicable;
- Completion of MAT-029 or MAT-029C (Math 800 series) or MAT-136, if applicable;
- Completion within 5 years of current application, college level Biology or Anatomy and Physiology with a C or better or completion of a high school biology course, with a C or better, that qualifies the student to take BIO-201;
- Graduation from high school with an average of B (80 percent) or ranked in the upper third of the graduating class; or completion of a minimum of 10 credits of college-level PTA support courses with a grade of C or better; and
- Completion of 20 hours of documented clinical observation in a physical therapy setting.

BCC will not admit students concurrently into any two of the following degree or certificate programs: Physical Therapist Assistant, Respiratory Care, LPN or Nursing.

Transferring to PT School
BCC students transfer to schools such as American International College and Russell Sage College that provide opportunities to complete physical therapy programs. For more information, contact Michele Darroch, PT, M.Ed., DPT, Program Advisor of BCC’s PTA program.
PROGRAMS OF STUDY

Allied Health

**Graduation Requirements**

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>AHS-129 Medical Terminology</td>
<td>3</td>
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<td>AHS-230 Pathophysiology</td>
<td>3</td>
</tr>
<tr>
<td>BIO-201 Anatomy and Physiology I</td>
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<td>BIO-202 Anatomy and Physiology II</td>
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<tr>
<td>PTA-100 Introduction to Physical Therapy</td>
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<td>PTA-101 Physical Therapist Assistant I</td>
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<td>PTA-102 Structural Anatomy</td>
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<td>PTA-115 Functional Anatomy</td>
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<td>PTA-150 Clinical Education I (see footnote 7)</td>
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<td>PTA-200 Rehab Neurology</td>
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<td>PTA-201 Physical Therapist Assistant II</td>
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<td>PTA-250 Clinical Education II (see footnote 7)</td>
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**GENERAL EDUCATION**

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<tr>
<td>ENG English Composition/Writing (see footnote 2)</td>
</tr>
<tr>
<td>MAT Mathematics (see footnote 3)</td>
</tr>
<tr>
<td>PHY Physics (see footnote 4)</td>
</tr>
<tr>
<td>Behavioral and Social Science</td>
</tr>
<tr>
<td>General Education Elective (see footnote 5)</td>
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**ADDITIONAL REQUIREMENTS**

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<tr>
<th>ASSESSMENT</th>
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<tr>
<td>Core Competencies Portfolio</td>
<td>4 items</td>
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<tr>
<td>FORUM</td>
<td>4 units</td>
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<tr>
<td>Health/Fitness (see footnote 6)</td>
<td>30 hours</td>
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<tr>
<td>Minimum grade required in each program course</td>
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</tr>
<tr>
<td>Minimum Cumulative Average</td>
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<td>Program requirements</td>
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**FOOTNOTES**

1. Communication chosen from COM-105 or COM-107.
2. English Composition/Writing chosen from ENG-101, ENG-102, ENG-103, ENG-104.
3. Mathematics: Students must demonstrate competency at a level of MAT-029 or MAT-029C or MAT-136 or at a higher level prior to matriculation in the PTA program.
4. Physics chosen from PHY-111 or higher level.
5. General Education Elective chosen from History, Humanities and Fine Arts, Environmental Studies.
6. Fullfilled by successful completion of PTA-100.
7. Students must be immunized prior to the start of the PTA program and must maintain currency throughout the curriculum.

**FOOTNOTES**

1. Communication chosen from COM-105 or COM-107.
2. English Composition/Writing chosen from ENG-101, ENG-102, ENG-103, ENG-104.
3. Mathematics: Students must demonstrate competency at a level of MAT-029 or MAT-029C or MAT-136 or at a higher level prior to matriculation in the PTA program.
4. Physics chosen from PHY-111 or higher level.
5. General Education Elective chosen from History, Humanities and Fine Arts, Environmental Studies.
6. Fullfilled by successful completion of PTA-100.
7. Students must be immunized prior to the start of the PTA program and must maintain currency throughout the curriculum.

**NOTES**

There are specific sensory, motor and psychosocial skills needed to successfully complete the PTA program. Any student who feels he/she will require accommodations with these skills should contact the coordinator of the Services for Students with Disabilities program.

**Corrections**

Any prior criminal offense could hinder placement in clinical agencies and the ability to take the national licensure examination. See Criminal & Sex Offender Record Information Checks on page 13 for details.

**Suggested Block for Completion**

The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

<table>
<thead>
<tr>
<th>SEMESTER</th>
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</tr>
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<tbody>
<tr>
<td>FIRST SEMESTER</td>
<td>18 CREDITS</td>
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<tr>
<td>AHS-129 Medical Terminology</td>
<td>3</td>
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<tr>
<td>BIO-201 Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>PTA-100 Introduction to Physical Therapy</td>
<td>2</td>
</tr>
<tr>
<td>PTA-102 Structural Anatomy</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition/Writing (see footnote 2)</td>
<td>3</td>
</tr>
<tr>
<td>PHY Physics (see footnote 4)</td>
<td>3</td>
</tr>
<tr>
<td>SECOND SEMESTER</td>
<td>17 CREDITS</td>
</tr>
<tr>
<td>AHS-230 Pathophysiology</td>
<td>3</td>
</tr>
<tr>
<td>BIO-202 Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>PTA-101 Physical Therapist Assistant I</td>
<td>4</td>
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<tr>
<td>PTA-115 Functional Anatomy</td>
<td>3</td>
</tr>
<tr>
<td>COM Communication (see footnote 1)</td>
<td>3</td>
</tr>
<tr>
<td>SUMMER SESSION</td>
<td>2 CREDITS</td>
</tr>
<tr>
<td>PTA-150 Clinical Education I (see footnote 7)</td>
<td>2</td>
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<tr>
<td>THIRD SEMESTER</td>
<td>14 CREDITS</td>
</tr>
<tr>
<td>PTA-200 Rehab Neurology</td>
<td>3</td>
</tr>
<tr>
<td>PTA-202 Therapeutic Exercise</td>
<td>4</td>
</tr>
<tr>
<td>PTA-250 Clinical Education II (see footnote 7)</td>
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<td>FOURTH SEMESTER</td>
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<tr>
<td>PTA-201 Physical Therapist Assistant II</td>
<td>2</td>
</tr>
<tr>
<td>PTA-203 PTA Seminar</td>
<td>3</td>
</tr>
<tr>
<td>PTA-260 Clinical Education III (see footnote 7)</td>
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</tr>
<tr>
<td>Behavioral and Social Science</td>
<td>3</td>
</tr>
<tr>
<td>General Education Elective (see footnote 5)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Three-Year PTA Program Student Outcomes (2013–2015)**

(2013–2015 represents two graduating classes)

- Graduation rate — 81.6%
- First-time licensure examination pass rate — 93.1%
- Ultimate licensure examination pass rate — 96.6%
- Employment rate — 100%
PROGRAMS OF STUDY

ASSOCIATE IN SCIENCE, ALLIED HEALTH

RESPIRATORY CARE

Program Advisor: Thomas Carey, RRT, MPH, 413-236-4526

This program is accredited by The Commission on Accreditation for Respiratory Care (CoARC), www.CoARC.com.

Respiratory care practitioners help treat patients with a wide range of cardiopulmonary illnesses, including such problems as asthma or heart failure. Respiratory care includes diagnostic testing and administering oxygen, various other gases and aerosol drugs.

Under a physician's supervision, respiratory care practitioners plan and assist with patient care and serve as a resource for professionals in other health care fields. They work in various settings, including hospital acute care and intensive care units, hospital neonatal units (for premature infants), outpatient rehabilitation facilities, nursing homes, home care and diagnostic laboratories.

This program is a sequence of lecture, laboratory and clinical courses. Comprehensive on-site training provides opportunities for students to become skilled and confident in respiratory care procedures. Program graduates are eligible to take the National Board for Respiratory Care examination to become registered Respiratory Therapists. A related major at the baccalaureate level is respiratory care.

Essential Functions

Berkshire Community College seeks to provide equal access to its programs, services and activities for people with disabilities. Therefore, to the extent practicable, the College will endeavor to make a reasonable academic adjustment for an applicant with a disability who is otherwise qualified.

- Physical Stamina Required

The Essential Functions of a student enrolled in the Respiratory Care program requires that the student, with or without reasonable accommodations, must be able to:
  - Lift up to 50 lbs. to assist moving patients, supplies, equipment;
  - Stoop to adjust equipment;
  - Kneel to manipulate equipment, perform CPR, plug in electrical equipment;
  - Reach overhead lights, equipment, cabinets, attach oxygen to outlets, stocking;
  - Demonstrate motor skills and manual dexterity to store and move small and large equipment, apply sterile gloves, take BP, operate computers, perform CPR, utilize syringes, tubes and catheters, set up and maintain a sterile field;

- Stand for prolonged periods of time to deliver therapy, check equipment and patient; and perform surgical procedures;
- Feel to palpate pulses, perform physical exams, feel arteries or veins for puncture, assess skin temperature;
- Push and pull large wheeled equipment (mechanical ventilators, wheelchairs, patients, x-ray, equipment, EKG machines and office equipment);
- Walk for extended periods of time;
- Walk quickly or run (with a sense of urgency) to respond to emergency calls or assist in critically ill patient transports;
- Manipulate knobs and dials associated with diagnostic or therapeutic devices, small instruments, syringes;
- Hear verbal directions, alarms, telephone; hear through a stethoscope for heart sounds, lung sounds and blood pressure;
- See patient conditions such as skin color, work of breathing; read small print and calibration on equipment; perceive color;
- Communicate goals and procedures to patients in English;
- Read typed, handwritten, computer information in English; and
- Write and communicate pertinent information (patient assessment, outcome assessments) in English.

- Mental Attitude

The student, with or without reasonable accommodations, must be able to:
  - Function safely, effectively and calmly under stressful situations;
  - Maintain composure and concentration while managing multiple tasks simultaneously;
  - Prioritize multiple tasks;
  - Social skills necessary to interact with patients, families, coworkers — of the same or different cultures; respectful, polite, discrete; able to work as a team;
  - Maintain personal hygiene consistent with close contact during direct patient care;
  - Display the actions and attitudes consistent with ethical standards of the profession; and
  - Understand the potential for exposure to bloodborne pathogens Hepatitis, HIV.

Admission Requirements

Students who meet all admission requirements are accepted in the Respiratory Care program on a space available basis at any time. Those who do not initially qualify for the program may become eligible through BCC's Health Sciences program in Pre-RSP.

The sequence of courses for this program is offered on a cyclical basis. Call for additional information. The next cycle begins Fall 2016.

Interested students are urged to consult the program advisor and to work on prerequisites and required courses during semesters when RSP courses are not offered. Admission requirements are as follows:

- Skills Assessment Scores/Competency Requirements:
  - Completion of ENG-020 and ENG-060, if applicable;
  - Completion of MAT-136 or MAT-102C (Math 800 series) or MAT-102, if applicable;
  - Within five years completion of college chemistry (CHM-150) or one year of college preparatory chemistry with a grade of C (73) or better;
  - Within five years completion of college preparatory or college-level biology or anatomy and physiology with a grade of C (73) or better;
  - Graduation from high school with an average of B (80 percent) ranked in the upper third of the graduating class; or completion of a minimum of 10 credits of college level respiratory care support courses (C or better); and
  - All students entering the Respiratory Care program must be immunized (or be in process) by August 1 prior to the academic year for which they are seeking admission.

BCC will not admit students concurrently into any two of the following degree or certificate programs: Physical Therapist Assistant, Respiratory Care, LPN or Nursing.

Expected Outcomes

Graduates of this program should be able to:

- Practice as advanced-level respiratory care practitioners;
- Demonstrate professional behavior consistent with employer expectations;
- Comprehend, apply and evaluate clinical information relevant to their roles as advanced level respiratory care practitioners;
- Critically think and problem solve;
- Promote a team approach to patient care and interact with all health workers; and
- Communicate effectively both orally and in writing and practice therapeutic communication.
PROGRAMS OF STUDY  Allied Health

### Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHS-121 The Essentials of Pharmacology</td>
<td>3</td>
</tr>
<tr>
<td>AHS-230 Pathophysiology</td>
<td>3</td>
</tr>
<tr>
<td>BIO-201 Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BIO-202 Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>BIO-207 Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>RSP-105 Respiratory Care I: Theory and Practice</td>
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<tr>
<td>RSP-107 Respiratory Care Practicum</td>
<td>2</td>
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<tr>
<td>RSP-205 Respiratory Care II: Theory and Practice</td>
<td>7</td>
</tr>
<tr>
<td>RSP-207 Respiratory Care III: Theory and Practice</td>
<td>8</td>
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<tr>
<td>RSP-241 Cardiopulmonary Anatomy and Physiology</td>
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#### GENERAL EDUCATION

<table>
<thead>
<tr>
<th>CREDITS</th>
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<tbody>
<tr>
<td>CHM Chemistry (see footnote 4)</td>
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<tr>
<td>COM Communication (see footnote 1)</td>
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<tr>
<td>ENG Composition/Writing (see footnote 2)</td>
</tr>
<tr>
<td>MAT Mathematics (see footnote 3)</td>
</tr>
<tr>
<td>Behavioral and Social Science</td>
</tr>
<tr>
<td>General Education Elective (see footnote 5)</td>
</tr>
</tbody>
</table>

#### ADDITIONAL REQUIREMENTS

- Core Competencies Portfolio: 4 items
- FORUM: 4 units
- Health/Fitness (see footnote 6): 30 hours
- Minimum grade required in each RSP course: 2.000
- Minimum Cumulative Average: 2.000
- Program requirements (RSP courses): 2.000

### Suggested Block for Completion
The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

#### FIRST SEMESTER

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>BIO-201 Anatomy and Physiology I</td>
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</tr>
<tr>
<td>CHM Chemistry (see footnote 4)</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition/Writing (see footnote 2)</td>
<td>3</td>
</tr>
<tr>
<td>MAT Mathematics (see footnote 3)</td>
<td>3</td>
</tr>
<tr>
<td>Behavioral and Social Science</td>
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#### SECOND SEMESTER

<table>
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<tr>
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<td>AHS-121 The Essentials of Pharmacology</td>
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<tr>
<td>BIO-202 Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>RSP-105 Respiratory Care I</td>
<td>7</td>
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<tr>
<td>ENG English Composition/Writing (see footnote 2)</td>
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#### SUMMER SESSION

<table>
<thead>
<tr>
<th>PROGRAM</th>
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<tbody>
<tr>
<td>RSP-107 Respiratory Care Practicum</td>
<td>2</td>
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#### THIRD SEMESTER

<table>
<thead>
<tr>
<th>PROGRAM</th>
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<tbody>
<tr>
<td>AHS-230 Pathophysiology</td>
<td>3</td>
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<tr>
<td>BIO-207 Microbiology</td>
<td>4</td>
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<tr>
<td>RSP-205 Respiratory Care II</td>
<td>7</td>
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<tr>
<td>RSP-241 Cardiopulmonary Anatomy and Physiology</td>
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#### FOURTH SEMESTER

<table>
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<tbody>
<tr>
<td>RSP-207 Respiratory Care III</td>
<td>8</td>
</tr>
<tr>
<td>COM Communication (see footnote 1)</td>
<td>3</td>
</tr>
<tr>
<td>General Education Elective (see footnote 5)</td>
<td>3</td>
</tr>
</tbody>
</table>

## Footnotes

1. Communication chosen from COM-105 or COM-107.
2. English Composition/Writing chosen from ENG-101, ENG-102, ENG-103, ENG-104.
3. Mathematics at a level of MAT-136 or MAT-102C (MAT 800 series) or MAT-102, or at a higher level prior to matriculation in the Respiratory Care program.
4. Chemistry chosen from CHM-150 or higher level.
5. General Education Elective chosen from History, Humanities and Fine Arts, Environmental Studies.
6. Fulfilled by successful completion of RSP-105.

**NOTE**

Any prior criminal offense could hinder placement in clinical agencies and the ability to become licensed in this field. See Criminal & Sex Offender Record Information Checks on page 13 for details.
ASSOCIATE IN SCIENCE, HEALTH SCIENCE

HEALTH SCIENCE OPTION

Program Advisor: Chris Aylesworth, DMV • 413-236-2107

The Health Science option is designed for students who are tracking toward a Nursing or Allied Health programs, or who wish to increase their knowledge and skills in health care as a generalist. This option also makes it possible for students to complete an associate degree in Health Science and provide a basic foundation for transfer to a four-year institution.

Expected Outcomes
Graduates of the Health Sciences option should be able to:

• Use communication effectively to provide information to clients in the health care environment;
• Be employed in entry level, non-technical health areas;
• Identify skills and knowledge necessary for the health care worker;
• Use critical thinking and problem solving skills in health care environments;
• Acquire skills and information to make them better health care consumers; and
• Transfer to a four-year institution in areas of health care administration, health or nursing program at Berkshire Community College or elsewhere.

Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>35 CREDITS</th>
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</thead>
<tbody>
<tr>
<td>AHS-111</td>
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<tr>
<td>Patient Skills/Career Exploration</td>
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<tr>
<td>AHS-129</td>
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<td>Medical Terminology</td>
<td>3</td>
</tr>
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<td>AHS-150</td>
<td></td>
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<tr>
<td>Introduction to Nutrition</td>
<td>3</td>
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<tr>
<td>BIO-201</td>
<td></td>
</tr>
<tr>
<td>Anatomy and Physiology I</td>
<td>4</td>
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<tr>
<td>BIO-202</td>
<td></td>
</tr>
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<td>Anatomy and Physiology II</td>
<td>4</td>
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<tr>
<td>PSY-107</td>
<td></td>
</tr>
<tr>
<td>Introductory Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC-105</td>
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<tr>
<td>Introductory Sociology</td>
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<tr>
<td>Specialized Electives</td>
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GENERAL EDUCATION  29 CREDITS

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<tr>
<td>COM</td>
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<td>Communication</td>
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</tr>
<tr>
<td>ENG</td>
<td></td>
</tr>
<tr>
<td>English Composition/Writing</td>
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<tr>
<td>MAT-136</td>
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</tr>
<tr>
<td>Mathematics for the Health Sciences</td>
<td>6</td>
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<tr>
<td>or other MA designated math course</td>
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<tr>
<td>CHM-150</td>
<td></td>
</tr>
<tr>
<td>Essentials of Chemistry or</td>
<td>3</td>
</tr>
<tr>
<td>PHY-111</td>
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</tr>
<tr>
<td>The Ideas of Physics (see footnote 2)</td>
<td>3</td>
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<tr>
<td>Specialized Electives</td>
<td>12</td>
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<tr>
<td>General Education Electives (see footnote 3)</td>
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<tr>
<td>Program/Free Electives</td>
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</table>

ADDITIONAL REQUIREMENTS

Core Competencies Portfolio | 4 items
FORUM | 4 units
Health/Fitness | 30 hours
Minimum Cumulative Average Overall | 2.000
Program requirements | 2.000

Suggested Block for Completion
The following is a suggestion for completing this program in four years. The actual time needed to complete the program will vary according to each student’s individual needs.

FIRST SEMESTER  15 CREDITS

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<tr>
<td>Introduction to Patient Care Skills &amp; Health Career Exploration</td>
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<tr>
<td>AHS-129</td>
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<tr>
<td>Medical Terminology</td>
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<td>CHM-150</td>
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</tr>
<tr>
<td>Essentials of Chemistry or</td>
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<td>PHY-111</td>
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<tr>
<td>Ideas of Physics (see footnote 2)</td>
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<tr>
<td>ENG-101</td>
<td></td>
</tr>
<tr>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>PSY-107</td>
<td></td>
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<td>Introductory Psychology</td>
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SECOND SEMESTER  16 CREDITS

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<td>ENG-102</td>
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<td>English Composition II</td>
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</tr>
<tr>
<td>MAT-136</td>
<td></td>
</tr>
<tr>
<td>Mathematics for Health Sciences</td>
<td>3</td>
</tr>
<tr>
<td>SOC-105</td>
<td></td>
</tr>
<tr>
<td>Introductory Sociology</td>
<td>3</td>
</tr>
<tr>
<td>AHS-150</td>
<td></td>
</tr>
<tr>
<td>Introduction to Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>BIO-201</td>
<td></td>
</tr>
<tr>
<td>Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>Specialized Electives</td>
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</tr>
<tr>
<td>General Education Elective (see footnote 3)</td>
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<tr>
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THIRD SEMESTER  16 CREDITS

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<td>AHS-150</td>
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<td>Introduction to Nutrition</td>
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</tr>
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<td>BIO-201</td>
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<tr>
<td>Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>Specialized Electives</td>
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</tr>
<tr>
<td>General Education Elective (see footnote 3)</td>
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<td>Program/Program Elective</td>
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FOURTH SEMESTER  17 CREDITS

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<td>BIO-202</td>
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<td>4</td>
</tr>
<tr>
<td>Communication</td>
<td>3</td>
</tr>
<tr>
<td>Specialized/Program Elective</td>
<td>7</td>
</tr>
<tr>
<td>General Education Elective</td>
<td>3</td>
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</tbody>
</table>

FOOTNOTES

1. Specialized electives can be taken from departments in Health and Sciences. It is recommended that you consult with your advisor for appropriate selection of courses.
2. Students interested in the Physical Therapist Assistant program should take PHY-111.
3. General education electives chosen from two or more of the following: History, Humanities and Fine Arts, or Environmental Studies.

“The professors absolutely do everything they can to help you learn and accomplish your goals. BCC has given me a huge opportunity to continue on my education as a working adult.”

Danielle Fisher
Class of 2017
**ASSOCIATE IN SCIENCE, HEALTH SCIENCE**

**DENTAL ASSISTING OPTION**

**BCC Program Advisor:** Chris Aylesworth, DMV • 413-236-2107

**Note:** Dental Assisting Studies (AHS-172) is offered only at McCann Technical School.

Dental assistants are in great demand. It is a career with security, variety, prestige and respect — factors you value in the workplace. Employment is expected to grow 39 percent from 2008 to 2018 according to the U.S. Bureau of Labor Statistics. An aging population keeping their natural teeth and an increased focus on preventative dental care for younger generations create this increased demand for dental services. Job opportunities can be found in private and group practices, clinics within local hospitals, in the armed services, or as an instructor in a dental assistant program. Dental assistants are members of the dental care team who perform a wide variety of tasks requiring both interpersonal and technical skills.

Under the supervision of a dentist, the dental assistant prepares all instruments, materials and equipment used in dental procedures, takes dental radiographs (x-rays), assists the dentist in all procedures, provides oral care instruction to patients and performs office administration tasks. Most dental assistants work in private general dental practices or dental specialty offices. Employment opportunities also exist in insurance companies and public health or hospital-based clinics.

**McCann Program Advisor:** Michelle Racette 413-663-5383, ext. 183 • mracette@mccanntech.org

In existence since 1962, the McCann dental assistant program has been fully accredited by the Commission on Dental Accreditation since 1972. Graduates are eligible to take the Dental Assisting National Board (DANB) certification examination. Those who pass this examination may use the designation of Certified Dental Assistant (CDA). Students already enrolled in the McCann program may begin taking BCC courses concurrent with their dental assisting coursework and then continue as full- or part-time students to complete required BCC courses for the associate degree.

Other students may wish to pursue some or all of the associate degree requirements at BCC before applying to McCann for the dental assistant program. Previous graduates of the McCann program are encouraged to contact BCC for specific advising regarding the courses necessary to qualify for the associate degree.

**PROGRAM REQUIREMENTS**

**Suggested Block for Completion**

The actual time needed to complete the program will vary according to each student’s individual needs.

- **AHS-172** Dental Assisting Studies (see footnote 1)
- **BIO-150** Introduction to the Human Body
- **ENG-101** Composition I
- **ENG-102** Composition II
- **CHM-150** Essentials of Chemistry
- **COM** Communication
- **MAT-136** Mathematics for the Health Sciences
- **PSY-107** Introduction to Psychology

**FOOTNOTES — DENTAL ASSISTING**

1. Dental Assisting Studies are only offered at McCann Technical School in North Adams, Massachusetts.
2. General Education Elective chosen from History or Humanities and Fine Arts.
3. Fulfilled by successful completion of AHS-172.
ASSOCIATE IN SCIENCE, HEALTH SCIENCE
SURGICAL TECHNOLOGY OPTION

BCC Program Advisor: Chris Aylesworth, DMV • 413-236-2107

Note: Surgical Technology Studies (AHS-171) is offered only at McCann Technical School.

The number of surgical procedures is expected to continue to rise as the population continues to grow and age, creating an increase in employment opportunities for surgical technologists.

—U.S. Bureau of Labor Statistics

Surgical technologists work in the sterile environment with surgeons, anesthesia personnel and nurses in delivering surgical patient care. Scrub surgical technologists prepare the surgical environment by selecting and assembling sterile supplies and equipment, preparing and maintaining the sterile field throughout surgery, and anticipating the needs of the surgical team by passing instruments and sterile items in an efficient manner. Surgical technologists are employed in hospital-based operating room settings, outpatient surgical centers, maternity units, emergency rooms, central sterile reprocessing units and in the medical sales field.

McCann’s program includes components of the basic sciences, operating room practices and procedures, safe patient care, operating room technique, surgical procedures and clinical practice. This will be accomplished by preparing competent graduates in the cognitive, psychomotor and affective domains of learning and meeting or exceeding the criteria set forth in the current Standards and Guidelines for an accredited program in surgical technology.

Established in 1963, the McCann surgical technology program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAAEP) (www.caahep.org) upon the recommendation of the Accreditation Review Council on Education and Surgical Technology and Surgical Assisting (www.arcst.org). McCann graduates are eligible to sit for the national board exam given by the National Board of Surgical Technology and Surgical Assisting (www.nbstsa.org). In 1990, the Association of Surgical Technologists, Inc., declared the associate degree to be the preferred educational model for entry level practice.

FOOTNOTES — MEDICAL ASSISTING
1. Medical Assisting Studies are only offered at McCann Technical School in North Adams, Massachusetts.
2. General Education Elective chosen from History or Humanities and Fine Arts.
3. Fulfilled by successful completion of AHS-170.

FOOTNOTES — SURGICAL TECHNOLOGY
1. Surgical Technology Studies are only offered at McCann Technical School in North Adams.
2. General Education Elective chosen from History or Humanities and Fine Arts.
3. Fulfilled by successful completion of AHS-171.
ASSOCIATE IN ARTS  
BUSINESS ADMINISTRATION

Program Advisor: Abu Selimuddin • 413-236-4575

The Business Administration degree program parallels the freshman and sophomore years of business studies at a baccalaureate college or university. In addition to providing a solid background in accounting, economics and business electives, the program requires course work in liberal arts and sciences to help students understand themselves and their society.

After completing their baccalaureate work, BCC graduates have built successful careers in business throughout Massachusetts, across the nation and globally. Business Administration students should check the academic requirements of the college or university where they plan to transfer and select their BCC courses to meet those requirements.

This is a MassTransfer eligible program (see page 30).

Expected Outcomes
Graduates of this program should be able to:

• Use their academic skills, behaviors and attitudes to successfully pursue further studies in a business-related discipline;
• Use the necessary math skills to handle complex economic, accounting and finance problems;
• Recognize, analyze and calculate sales, cost, revenue, profit and other financial data to make informed business decisions;
• Possess excellent communication skills to relate well to customers, management and their peers in the workplace; and
• Demonstrate ethical and social responsibility as they go to work in the real world for business firms or government organizations.

“Earning a degree is a professional aspiration and it’s important for me to show my daughters the value of a college education.”

Bob Heck  
Business Administration Student

Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>26 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS-107 Fundamentals of Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS-111 Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>BUS-112 Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BUS-220 Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BUS Electives (see footnote 3)</td>
<td>3</td>
</tr>
<tr>
<td>CIS-102 Fundamental Computer Literacy</td>
<td>4</td>
</tr>
<tr>
<td>CIS-225 Spreadsheets/Database for Professionals</td>
<td>4</td>
</tr>
<tr>
<td>ECO-212 Principles of Macroeconomics</td>
<td>3</td>
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</table>

GENERAL EDUCATION  

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>37 CREDITS</th>
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</thead>
<tbody>
<tr>
<td>COM Communication</td>
<td>3</td>
</tr>
<tr>
<td>ECO-211 Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
<td>6</td>
</tr>
<tr>
<td>HIS History</td>
<td>3</td>
</tr>
<tr>
<td>MAT-121 Precalculus I (or higher, see footnote 4)</td>
<td>4</td>
</tr>
<tr>
<td>MAT Mathematics (see footnote 1)</td>
<td>3</td>
</tr>
<tr>
<td>Environmental Studies (see footnote 2)</td>
<td>1</td>
</tr>
<tr>
<td>Humanities and Fine Arts</td>
<td>6</td>
</tr>
<tr>
<td>Natural or Physical Science (see footnote 2)</td>
<td>8</td>
</tr>
</tbody>
</table>

ADDITIONAL REQUIREMENTS
Core Competencies Portfolio: 4 items
FORUM: 4 units
Minimum Cumulative Average: 2.000
All required BUS & ECO courses & CIS-102 courses and science electives: 2.000

Suggested Block for Completion
The following is a suggestion for completing this program in two years. The actual time to complete the program may vary according to each student’s individual needs.

FIRST SEMESTER  

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>17 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS-107 Fundamentals of Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS-111 Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>CIS-102 Fundamental Computer Literacy</td>
<td>4</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
<td>3</td>
</tr>
<tr>
<td>MAT-121 Precalculus I (or higher)</td>
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SECOND SEMESTER  

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>15 CREDITS</th>
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</thead>
<tbody>
<tr>
<td>BUS-112 Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BUS Elective</td>
<td>3</td>
</tr>
<tr>
<td>COM Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
<td>3</td>
</tr>
<tr>
<td>MAT Mathematics (see footnote 1)</td>
<td>3</td>
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THIRD SEMESTER  

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>16 CREDITS</th>
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</thead>
<tbody>
<tr>
<td>BUS-220 Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BUS Elective (see footnote 3)</td>
<td>3</td>
</tr>
<tr>
<td>ECO-211 Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Humanities and Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>Natural or Physical Science (see footnote 2)</td>
<td>4</td>
</tr>
</tbody>
</table>

FOURTH SEMESTER  

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>15 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO-211 Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>HIS History</td>
<td>3</td>
</tr>
<tr>
<td>Environmental Studies (see footnote 2)</td>
<td>1</td>
</tr>
<tr>
<td>Free Elective</td>
<td>1</td>
</tr>
<tr>
<td>Humanities and Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>Natural or Physical Science (see footnote 2)</td>
<td>4</td>
</tr>
</tbody>
</table>

FOOTNOTES
1. Mathematics to be chosen from MAT-123, Elementary Statistics; MAT-145, Applied Calculus I; MAT-146, Applied Calculus II.
2. The Natural or Physical Science requirement must be fulfilled with two 4-credit laboratory science courses. Students who complete an environmentally focused laboratory science, such as BIO-109, BIO-110, ENV-101, ENV-102, have fulfilled both the Natural or Physical Science and the Environmental Studies requirements.
4. Students meeting this requirement with a 3 credit course will need 2 credits to complete their free elective.
PROGRAMS OF STUDY

ASSOCIATE IN SCIENCE

BUSINESS CAREERS

Program Advisor: Wendy Meehan • 413-236-4575

The Business Careers degree program is for the student primarily interested in going to work in business after graduation from BCC. This program is not designed for transfer to baccalaureate institutions. This flexible program can help students prepare for responsible positions in areas such as first-level management in an applied technology or service organization. Students study accounting, computer literacy, economics, and oral and written communications, along with business specialty courses in the areas of their choice.

Program graduates can expect to find employment in manufacturing operations, accounting, finance, customer service, sales, government, insurance, marketing, human resource management and other career areas.

Expected Outcomes:

Graduates of this program should be able to:

• Use the necessary math skills to handle complex economic, accounting and finance problems;
• Recognize, analyze and calculate sales, cost, revenue, profit and other financial data to make informed business decisions;
• Possess excellent communication skills to relate well to customers, management and their peers in the workplace; and
• Demonstrate ethical and social responsibility as they go to work in the real world for business firms or government organizations.

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS-107 Fundamentals of Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS-111 Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>BUS-112 Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BUS-247 Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>CIS-102 Fundamental Computer Literacy</td>
<td>4</td>
</tr>
<tr>
<td>Free Elective</td>
<td>3</td>
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<tr>
<td>Professional Electives (see footnote 2)</td>
<td>8</td>
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</tbody>
</table>

GENERAL EDUCATION

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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</thead>
<tbody>
<tr>
<td>BUS-105 Business Mathematics or MAT Mathematics (see footnote 1)</td>
<td>3</td>
</tr>
<tr>
<td>COM Communication</td>
<td>3</td>
</tr>
<tr>
<td>ECO-211 Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO-212 Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
<td>3</td>
</tr>
<tr>
<td>General Education Elective (see footnote 3)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities and Fine Arts</td>
<td>3</td>
</tr>
</tbody>
</table>

ADDITIONAL

<table>
<thead>
<tr>
<th>AS SHOWN</th>
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</thead>
<tbody>
<tr>
<td>Core Competencies Portfolio</td>
</tr>
<tr>
<td>FORUM</td>
</tr>
<tr>
<td>Health/Fitness</td>
</tr>
<tr>
<td>Minimum Cumulative Average Overall</td>
</tr>
<tr>
<td>All program requirements (except the free electives)</td>
</tr>
</tbody>
</table>

FOOTNOTES

1. Mathematics to be chosen from any MAT course with the “MA” General Education designation.
2. Professional Elective chosen from BUS, CIS, CUL, ECO and HSP courses.
3. General Education Elective chosen from History, Natural or Physical Science, Environmental Studies.

Suggested Block for Completion

The following is a suggestion for completing this program in two years. The actual time to complete the program may vary according to each student’s individual needs.

FIRST SEMESTER 16 CREDITS

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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</thead>
<tbody>
<tr>
<td>BUS-107 Fundamentals of Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS-111 Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>CIS-102 Fundamental Computer Literacy</td>
<td>4</td>
</tr>
<tr>
<td>BUS-105 Business Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
<td>3</td>
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</table>

SECOND SEMESTER 16 CREDITS

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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</thead>
<tbody>
<tr>
<td>BUS-112 Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>CIS-225 Spreadsheets and Databases for Professionals</td>
<td>3</td>
</tr>
<tr>
<td>COM Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
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</tr>
<tr>
<td>Humanities and Fine Arts</td>
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THIRD SEMESTER 15 CREDITS

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<th>PROGRAM</th>
<th>CREDITS</th>
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<tr>
<td>BUS Elective</td>
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<tr>
<td>Free Elective</td>
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</tr>
<tr>
<td>Professional Elective (see footnote 2)</td>
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</tr>
<tr>
<td>ECO-212 Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>General Education Elective (see footnote 3)</td>
<td>3</td>
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FOURTH SEMESTER 15 CREDITS

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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</thead>
<tbody>
<tr>
<td>BUS-247 Business Communications</td>
<td>3</td>
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<tr>
<td>BUS Elective</td>
<td>3</td>
</tr>
<tr>
<td>Professional Electives (see footnote 2)</td>
<td>5</td>
</tr>
<tr>
<td>ECO-211 Principles of Microeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>

“When my students finish at BCC and report back to me that they are doing well — it’s fantastic! It’s my best achievement in life.”

Abu Selimuddin
Professor of Business/Department Chair
ASSOCIATE IN SCIENCE, BUSINESS CAREERS

HEALTH INFORMATION MANAGEMENT OPTION

Program Advisor: Charles Kaminski • 413-236-2105

This flexible program is designed for students seeking a higher credential toward a first-level management position in a professional field requiring a knowledge of Health Information Management systems. In addition to the knowledge and technical skills required for a successful career in Health Information Management, students also study accounting, computer literacy, economics and oral and written communications to provide them with the broad base skills needed for a successful career in the growing field of health records management and informatics.

Expected Outcomes
Graduates of this program should be able to:

- Have a basic understanding of the workplace;
- Recognize, analyze and calculate financial data to make informed decisions;
- Possess excellent communication skills in the workplace;
- Demonstrate ethical and social responsibility as they go to work in the real world;
- Describe the anatomy and physiology of the human body;
- Demonstrate proficiency in use of ICD and CPT coding systems;
- Demonstrate computer skills;
- Demonstrate knowledge of the health care delivery system, health care reimbursement and health occupations;
- Demonstrate an understanding of the fundamentals of disease process in relationship to the human body, including pharmacology;
- Describe the functions of health information services; and
- Be eligible to take the CCA and CCS credentialing examinations.

Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

PROGRAM

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>AHS-115</td>
<td>3</td>
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<tr>
<td>AHS-121</td>
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<tr>
<td>BUS-107</td>
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</tr>
<tr>
<td>BUS-111</td>
<td>3</td>
</tr>
<tr>
<td>BUS-112</td>
<td>3</td>
</tr>
<tr>
<td>BUS-247</td>
<td>3</td>
</tr>
<tr>
<td>CIS-102</td>
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<tr>
<td>HIM-102</td>
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<tr>
<td>HIM-105</td>
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<td>HIM-106</td>
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<td>HIM-132</td>
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<td>HIM-144</td>
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GENERAL EDUCATION

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<tbody>
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<td>BUS-105</td>
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<tr>
<td>MAT</td>
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<td>COM</td>
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<td>ECO-211</td>
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<td>ECO-212</td>
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<tr>
<td>ENG</td>
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<tr>
<td>Humanities</td>
<td>3</td>
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ADDITIONAL

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>AS SHOWN</th>
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</thead>
<tbody>
<tr>
<td>Core Competencies Portfolio</td>
<td>4 items</td>
</tr>
<tr>
<td>FORUM</td>
<td>4 units</td>
</tr>
<tr>
<td>Health/Fitness</td>
<td>30 hours</td>
</tr>
<tr>
<td>Minimum Cumulative Average</td>
<td>2.000</td>
</tr>
<tr>
<td>All Required HIM Courses</td>
<td>2.000</td>
</tr>
</tbody>
</table>

Suggested Block for Completion

The Business Careers—Health Information Management Option A.S. Degree does not have a suggested block of completion because it is designed to be a flexible program.

FOOTNOTES

1. Mathematics to be chosen from any MAT course with the “MA” General Education code.
2. General Education elective chosen from History (HI) Natural or Physical Science (SC) or Environmental Studies (ES).
PROGRAMS OF STUDY  Business

CERTIFICATE

HEALTH INFORMATION MANAGEMENT

Program Advisor: Charles Kaminski  •  413-236-2105

The Health Information Management Certificate is designed for students with a background in medical coding that look toward expanding their knowledge and skill set to qualify for higher level positions in the Health Information Management field. This program will prepare students to sit for the CCS (Certified Coding Specialist) examination. In addition to serving as a valuable career-building credential, this program also allows for student continuation in the Health Information Management option of BCC’s Business Careers associate degree program.

Expected Outcomes

Graduates of this program should be able to:
• Describe the anatomy and physiology of the human body;
• Demonstrate proficiency in use of ICD and CPT coding systems;
• Demonstrate computer skills;
• Demonstrate knowledge of the health care delivery system, health care reimbursement and health occupations;
• Demonstrate an understanding of the fundamentals of disease process in relationship to the human body, including pharmacology;
• Ability to communicate effectively both orally and in writing with members of the health care provider team;
• Be eligible to take the CCA (Certified Coding Associate) credentialing exam which will qualify a student for entry level coding position in health care facilities and/or provider clinics and offices.

<table>
<thead>
<tr>
<th>Graduation Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>To earn a certificate in this program, a student must complete all program credits, plus the following additional requirements.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>AHS-115  Fundamentals of Human Disease</td>
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<tr>
<td>AHS-121  Essentials of Pharmacology</td>
<td>3</td>
</tr>
<tr>
<td>BIO-150  Introduction to the Human Body</td>
<td>4</td>
</tr>
<tr>
<td>CIS-102  Fundamental Computer Literacy</td>
<td>4</td>
</tr>
<tr>
<td>ENG-101  Composition I</td>
<td>3</td>
</tr>
<tr>
<td>HIM-106  Medical Coding II</td>
<td>3</td>
</tr>
<tr>
<td>HIM-132  Reimbursement Methodologies</td>
<td>3</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ADDITIONAL REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demonstrated college-level skills in reading and writing Minimum Cumulative Average Overall..................................................2.000 Program requirements........................................2.000</td>
</tr>
</tbody>
</table>

NOTE

This workforce solution is 100 percent funded by a grant awarded by the U.S. Department of Labor, Employment and Training Administration, TAACCCT grant agreement #TC-22505-11-60-A-25. The solution was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. Massachusetts Community Colleges are equal opportunity employers. Adaptive equipment available upon request for persons with disabilities.

CERTIFICATE, HEALTH INFORMATION MEDICAL CODING TECHNICAL SKILLS

Program Advisor: Charles Kaminski  •  413-236-2105

The Medical Coding Technical Certificate at BCC provides students with the foundational knowledge and technical skills needed to work as an entry-level medical coder in a medical care facility. Coursework in the program is designed to prepare students to sit for the CCA (Certified Coding Associate) examination.

Expected Outcomes

Graduates of this program should be able to:
• Describe the anatomy and physiology of the human body;
• Show proficiency in the application of medical terminology;
• Demonstrate proficiency in use of ICD and CPT coding systems;
• Demonstrate computer skills; and
• Be eligible to take the CCS (Certified Coding Specialist) credentialing exam which will qualify a student for entry level coding positions in health care facilities and/or provider clinics and offices.

<table>
<thead>
<tr>
<th>Graduation Requirements</th>
</tr>
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<tbody>
<tr>
<td>To earn a certificate in this program, a student must complete all program credits, plus the following additional requirements.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHS-129  Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>BIO-150  Introduction to the Human Body</td>
<td>4</td>
</tr>
<tr>
<td>CIS-102  Fundamental Computer Literacy</td>
<td>4</td>
</tr>
<tr>
<td>HIM-102  Basic Procedure Coding</td>
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</tr>
<tr>
<td>HIM-105  Medical Coding I</td>
<td>3</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ADDITIONAL REQUIREMENTS</th>
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</thead>
<tbody>
<tr>
<td>Demonstrated college-level skills in reading and writing Minimum Cumulative Average Overall..................................................2.000 Program requirements........................................2.000</td>
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</table>

This workforce solution is 100 percent funded by a grant awarded by the U.S. Department of Labor, Employment and Training Administration, TAACCCT grant agreement #TC-22505-11-60-A-25. The solution was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. Massachusetts Community Colleges are equal opportunity employers. Adaptive equipment available upon request for persons with disabilities.
ASSOCIATE IN SCIENCE,  
COMPUTER INFORMATION SYSTEMS  

BUSINESS SYSTEMS OPTION

Program Advisor: Gregory Panczner • 413-236-4574

The Business Systems option in the Computer Information Systems degree program provides students with the skills and knowledge to transfer to a baccalaureate institution for further study, or to pursue a career in a business environment, usually as an applications programmer. A solid background in structured programming in two high-level computer languages, systems application, analysis and design are emphasized, and course work in business is required.

To complete most computer assignments, students will need to use either BCC’s computer lab or an off-campus computer.

Related majors at the baccalaureate level include computer information systems and management information.

Expected Outcomes
Graduates of this program should be able to:
• Apply fundamental concepts of programming languages and software development to solve a diverse array of problems and recognize these concepts in different languages;
• Apply fundamental concepts of business such as accounting and economics to real world situations;
• Analyze business problems through data analysis and create viable solutions through the use of technology;
• Apply business ethics and procedures; and
• Communicate clearly, accurately and succinctly through written and verbal means.

Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-225</td>
<td>Spreadsheets &amp; Databases for Professionals</td>
</tr>
<tr>
<td>BUS-111</td>
<td>Principles of Accounting I</td>
</tr>
<tr>
<td>BUS-112</td>
<td>Principles of Accounting II</td>
</tr>
<tr>
<td>CIS-102</td>
<td>Fundamental Computer Literacy</td>
</tr>
<tr>
<td>CIS-124</td>
<td>C++ Programming I</td>
</tr>
<tr>
<td>CIS-125</td>
<td>C++ Programming II</td>
</tr>
<tr>
<td>CIS-155</td>
<td>Web Development</td>
</tr>
<tr>
<td>CIS-203</td>
<td>Systems Analysis &amp; Design</td>
</tr>
<tr>
<td>CIS-231</td>
<td>Computer Science I with Java</td>
</tr>
<tr>
<td>CIS-232</td>
<td>Computer Science II with Java</td>
</tr>
<tr>
<td>ECO-211</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>MAT</td>
<td>Mathematics (see footnote 1)</td>
</tr>
<tr>
<td>Free Elective</td>
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GENERAL EDUCATION

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<td>COM</td>
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<td>ECO-212</td>
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<td>ENG</td>
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<tr>
<td>MAT-123</td>
</tr>
<tr>
<td>Behavioral and Social Science</td>
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<tr>
<td>Humanities and Fine Arts</td>
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ADDITIONAL REQUIREMENTS

<table>
<thead>
<tr>
<th>ITEMS</th>
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<tbody>
<tr>
<td>Core Competencies Portfolio</td>
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<td>FORUM</td>
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<tr>
<td>Health/Fitness</td>
</tr>
<tr>
<td>Minimum Cumulative Average</td>
</tr>
<tr>
<td>Overall</td>
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<tr>
<td>All Required CIS Courses</td>
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Suggested Block for Completion
The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

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<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>BUS-111</td>
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<td>CIS-102</td>
<td>Fundamental Computer Literacy</td>
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<td>CIS-124</td>
<td>C++ Programming I</td>
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<tr>
<td>MAT</td>
<td>Mathematics (see footnote 1)</td>
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<tr>
<td>ENG</td>
<td>English Composition/ Writing</td>
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<td>BUS-112</td>
<td>Principles of Accounting II</td>
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<td>CIS-125</td>
<td>C++ Programming II</td>
</tr>
<tr>
<td>ENG</td>
<td>English Composition/ Writing</td>
</tr>
<tr>
<td>Behavioral and Social Science</td>
<td>3</td>
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<td>Humanities and Fine Arts</td>
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<tbody>
<tr>
<td>CIS-225</td>
<td>Spreadsheets and Databases for Professionals</td>
</tr>
<tr>
<td>CIS-231</td>
<td>Computer Science I with Java</td>
</tr>
<tr>
<td>ECO-212</td>
<td>Principles of Macroeconomics</td>
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<tr>
<td>MAT-123</td>
<td>Elementary Statistics</td>
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<td>Web Development</td>
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<td>CIS-203</td>
<td>Systems Analysis &amp; Design</td>
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<td>CIS-232</td>
<td>Computer Science II with Java</td>
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<td>ECO-211</td>
<td>Principles of Microeconomics</td>
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<tr>
<td>COM</td>
<td>Communication</td>
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</table>

FOOTNOTE

1. MAT requires MAT-102 or higher to meet program requirements.

NOTE

A minimum of three CIS courses must be taken in the five years prior to graduation.
■ Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
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<td>CIS-124</td>
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<td>CIS-125</td>
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<tr>
<td>C++ Programming II</td>
<td>4</td>
</tr>
<tr>
<td>CIS-211</td>
<td></td>
</tr>
<tr>
<td>Data Structures</td>
<td>4</td>
</tr>
<tr>
<td>CIS-231</td>
<td></td>
</tr>
<tr>
<td>Computer Science I with Java</td>
<td>4</td>
</tr>
<tr>
<td>CIS-232</td>
<td></td>
</tr>
<tr>
<td>Computer Science II with Java</td>
<td>4</td>
</tr>
<tr>
<td>ENM-152</td>
<td></td>
</tr>
<tr>
<td>Engineering Calculus II</td>
<td>4</td>
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<td>ENT-162</td>
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<tr>
<td>Engineering Physics II</td>
<td>4</td>
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<tr>
<td>ENT-233</td>
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<tr>
<td>Digital Circuits</td>
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<td>MAT-123</td>
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<tr>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Elective (see footnote 1)</td>
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</table>

■ ADDITIONAL REQUIREMENTS
Core Competencies Portfolio .......................................... 4 items
FORUM .............................................................................. 4 units
Health/Fitness .................................................................... 30 hours
Minimum Cumulative Average
Overall ........................................................................ 2,000
All CIS and ENT Courses ............................................ 2,000

■ Suggested Block for Completion
The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
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<tr>
<td>CIS-102</td>
<td>Fundamental Computer Literacy........................... 4</td>
</tr>
<tr>
<td>CIS-124</td>
<td>C++ Programming I .......................................... 4</td>
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<tr>
<td>ENG</td>
<td>English Composition/Writing .................................. 3</td>
</tr>
<tr>
<td>ENM-151</td>
<td>Engineering Calculus I .................................... 4</td>
</tr>
<tr>
<td>ENG</td>
<td>English Composition/Writing .................................. 3</td>
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<tr>
<td>Humanities and Fine Arts.......................... 3</td>
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<table>
<thead>
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<th>SECOND SEMESTER</th>
<th>18 CREDITS</th>
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</thead>
<tbody>
<tr>
<td>CIS-125</td>
<td>C++ Programming II ...................................... 4</td>
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<tr>
<td>ENM-152</td>
<td>Engineering Calculus II .................................. 4</td>
</tr>
<tr>
<td>ENT-161</td>
<td>Engineering Physics I ..................................... 4</td>
</tr>
<tr>
<td>ENG</td>
<td>English Composition/Writing .................................. 3</td>
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<tr>
<td>Humanities and Fine Arts.......................... 3</td>
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<th>THIRD SEMESTER</th>
<th>15 CREDITS</th>
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</thead>
<tbody>
<tr>
<td>CIS-231</td>
<td>Computer Science I with Java ........................... 4</td>
</tr>
<tr>
<td>ENT-162</td>
<td>Engineering Physics II ................................... 4</td>
</tr>
<tr>
<td>ENT-233</td>
<td>Digital Circuits ........................................... 4</td>
</tr>
<tr>
<td>MAT-123</td>
<td>Elementary Statistics ..................................... 3</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>FOURTH SEMESTER</th>
<th>14 CREDITS</th>
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</thead>
<tbody>
<tr>
<td>CIS-211</td>
<td>Data Structures ............................................ 4</td>
</tr>
<tr>
<td>CIS-232</td>
<td>Computer Science II with Java .......................... 4</td>
</tr>
<tr>
<td>COM</td>
<td>Communication ................................................ 3</td>
</tr>
<tr>
<td>Elective (see footnote 1) .................. 3</td>
<td></td>
</tr>
</tbody>
</table>

FOOTNOTES
1. Elective chosen from courses designated CIS or ENT.
2. Two semesters of another laboratory science sequence may be substituted.

NOTE
A minimum of three CIS courses must be taken in the five years prior to graduation.
ASSOCIATE IN SCIENCE, COMPUTER INFORMATION SYSTEMS

NETWORKING OPTION

Program Advisor: Gregory Panczen • 413-236-4574

The Networking option of the Computer Information Systems degree program gives the student a technical understanding of computer systems and computer networking using the CISCO® standard. The curriculum provides students with extensive course work in computer science and networking. This program is designed for students planning either to enter the workforce or to transfer to a baccalaureate institution for further study. To complete most computer assignments, students will need to use either BCC’s computer laboratory or an off-campus computer. After completion of the program, students may become CISCO Certified. A related major at the baccalaureate level is computer science.

This is a GPSTEM program (see page 38).

Expected Outcomes

Graduates of this program should be able to:

- Apply computer and networking methods, procedures and principles, and use equipment and software for the purpose of installing, troubleshooting and maintaining LANs (local area networks) WANs, (wide area networks) and Wireless Networks;
- Apply fundamental concepts of programming languages and software development to solve a diverse array of problems and recognize these concepts in different languages;
- Work effectively with others to design, develop and troubleshoot enterprise networks;
- Communicate clearly, accurately and succinctly through written and verbal means;
- Apply technical concepts and principles to solve practical problems;
- Analyze and develop a plan to diagnose and solve technical networking problems;
- Act responsibly with integrity, self-confidence as well as professionalism; and
- Apply critical thinking to evaluate alternative solutions in order to solve technical problems.

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-102 Fundamental Computer Literacy</td>
<td>4</td>
</tr>
<tr>
<td>CIS-110 IT Essentials</td>
<td>4</td>
</tr>
<tr>
<td>CIS-124 C++ Programming I</td>
<td>4</td>
</tr>
<tr>
<td>CIS-125 C++ Programming II</td>
<td>4</td>
</tr>
<tr>
<td>CIS-155 Web Development</td>
<td>3</td>
</tr>
<tr>
<td>CIS-180 Introduction to Networks</td>
<td>4</td>
</tr>
<tr>
<td>CIS-181 Routing and Switching Essentials</td>
<td>4</td>
</tr>
<tr>
<td>CIS-231 Computer Science I with Java</td>
<td>4</td>
</tr>
<tr>
<td>CIS-240 Scaling Networks</td>
<td>4</td>
</tr>
<tr>
<td>CIS-241 Connecting Networks</td>
<td>4</td>
</tr>
<tr>
<td>CIS-256 Network Security</td>
<td>4</td>
</tr>
<tr>
<td>Free Elective</td>
<td>1</td>
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</table>

<table>
<thead>
<tr>
<th>GENERAL EDUCATION</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
<td>6</td>
</tr>
<tr>
<td>MAT-123 Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MAT Mathematics (see footnote 1)</td>
<td>3</td>
</tr>
</tbody>
</table>

ADDITIONAL REQUIREMENTS

Core Competencies Portfolio | 4 items
FORUM | 4 units
Health/Fitness | 30 hours
Minimum Cumulative Average
Overall | 2.000
All CIS and ENT Courses | 2.000

Suggested Block for Completion

The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

Course numbers in BOLD indicate milestone courses. They are critical for program success and should be taken in the order shown.

FIRST SEMESTER 18 CREDITS

CIS-102 Fundamental Computer Literacy | 4
CIS-124 C++ Programming I | 4
CIS-110 IT Essentials | 4
ENG English Composition/Writing | 3
MAT Mathematics (see footnote 1) | 3

SECOND SEMESTER 18 CREDITS

CIS-125 C++ Programming II | 4
CIS-180 Introduction to Networks | 4
CIS-181 Routing and Switching Essentials | 4
ENG English Composition/Writing | 3
Humanties and Fine Arts | 3

THIRD SEMESTER 15 CREDITS

CIS-155 Web Development | 3
CIS-231 Computer Science I with Java | 4
ENG English Composition/Writing | 3
Humanties and Fine Arts | 3

FOURTH SEMESTER 14 CREDITS

CIS-256 Network Security | 4
Free Elective | 1
COM Communications | 3
MAT-123 Statistics | 3
Behavioral & Social Science | 3

FOOTNOTE

1. MAT requires MAT-102 or higher to meet program requirements.

NOTE

A minimum of three CIS courses must be taken in the five years prior to graduation.
The Networking Certificate Option of the Computer Information Systems program of study is designed to provide a foundation set of skills to begin a successful career in computer networking. The coursework will introduce the student to skills used throughout the Information Technology (IT) field, but will culminate with obtaining competencies oriented to becoming an entry-level technician. This program can lead to industry certification (CCENT) and is the gateway to achieving higher-level computer networking certifications or academic degrees. Graduates will also have 26 credits toward the Computer Information Systems—Networking Option A.S. Degree (see page 65).

This is a GPSTEM program (see page 38).

**Expected Outcomes**

Graduates of this program should be able to:

- Apply fundamental concepts of programming languages and software development to solve a diverse array of problems and recognize these concepts in different languages;
- Depending on the elective track either;
  - Analyze business problems through data analysis;
  - Create viable solutions through the use of technology;
  - Apply computer and networking methods, procedures and principles, and use equipment and software for the purpose of installing, troubleshooting and maintaining LANs (local area networks);
- Communicate clearly, accurately and succinctly through written and verbal means; and
- Transition into the Computer Information Systems A.S. degree program with either the networking or science option.

**Graduation Requirements**

To earn a certificate in this program, a student must complete all program credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-102</td>
<td>Fundamental Computer Literacy</td>
</tr>
<tr>
<td>CIS-110</td>
<td>IT Essentials</td>
</tr>
<tr>
<td>CIS-124</td>
<td>C++ Programming I</td>
</tr>
<tr>
<td>CIS-155</td>
<td>Web Development</td>
</tr>
<tr>
<td>CIS-180</td>
<td>Introduction to Networks</td>
</tr>
<tr>
<td>CIS-181</td>
<td>Routing and Switching Essentials</td>
</tr>
<tr>
<td>ENG</td>
<td>English Composition/Writing</td>
</tr>
</tbody>
</table>

**ADDITIONAL REQUIREMENTS**

- Demonstrated college-level skills in reading and writing
- Minimum Cumulative Average
  - Overall: 2.000
  - Program requirements: 2.000

**Suggested Block for Completion**

The following is a suggestion for completing this program in one year. The actual time to complete the program may vary according to each student’s individual needs.

**FIRST SEMESTER**

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>CIS-102</td>
<td>Fundamental Computer Literacy</td>
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<td>C++ Programming I</td>
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<td>CIS-110</td>
<td>IT Essentials</td>
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**SECOND SEMESTER**

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<th>PROGRAM</th>
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<tr>
<td>CIS-155</td>
<td>Web Development</td>
</tr>
<tr>
<td>CIS-180</td>
<td>Introduction to Networks</td>
</tr>
<tr>
<td>CIS-181</td>
<td>Routing and Switching Essentials</td>
</tr>
<tr>
<td>ENG</td>
<td>English Composition/Writing</td>
</tr>
</tbody>
</table>

**CERTIFICATE, COMPUTER INFORMATION SYSTEMS**

**PROGRAMMING – BUSINESS OPTION**

Program Advisor: Gregory Panczner • 413-236-4574

The Business Option of the Computer Information Systems Programming certificate emphasizes Java and C++ programming languages, as well as some basic business, math and science courses. Graduates of this program may be employed as programmers using one of the following computer languages: Java, C++, or HTML/XML (if selected as a professional elective). Graduates will also have 19–29 credits toward the Computer Information Systems—Business Systems Option A.S. Degree (see page 63).

**Expected Outcomes**

See Expected Outcomes for the Certificate in Computer Information Systems—Networking Option on this page.

**Graduation Requirements**

To earn a certificate in this program, a student must complete all program credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>CIS-102</td>
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<td>Web Development</td>
</tr>
<tr>
<td>COM</td>
<td>Communication or</td>
</tr>
<tr>
<td>ENG</td>
<td>English Composition/Writing</td>
</tr>
</tbody>
</table>

**ADDITIONAL REQUIREMENTS**

- Demonstrated college-level skills in reading and writing
- Minimum Cumulative Average
  - Overall: 2.000
  - Program requirements: 2.000
### Suggested Block for Completion

The following is a suggestion for completing this program in one year. The actual time to complete the program may vary according to each student’s individual needs.

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<td>CIS-124</td>
<td>C++ Programming I</td>
<td>4</td>
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<tr>
<td>COM</td>
<td>Communication or English</td>
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<tr>
<td>ENG</td>
<td>English Composition/Writing</td>
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<table>
<thead>
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<th>Semester</th>
<th>Credits</th>
<th>Courses</th>
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<tr>
<td><strong>SECOND SEMESTER</strong></td>
<td><strong>14 CREDITS</strong></td>
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<td>4</td>
</tr>
<tr>
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<td>Web Development</td>
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</tr>
<tr>
<td>Professional Elective (see options below)</td>
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### Professional Elective Options

<table>
<thead>
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<th>Course</th>
<th>Credits</th>
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<tr>
<td>BUS-111</td>
<td>Principles of Accounting I</td>
</tr>
<tr>
<td>BUS-112</td>
<td>Principles of Accounting II</td>
</tr>
<tr>
<td>CIS-110</td>
<td>IT Essentials</td>
</tr>
<tr>
<td>CIS-180</td>
<td>Introduction to Networks</td>
</tr>
<tr>
<td>CIS-181</td>
<td>Routing and Switching Essentials</td>
</tr>
<tr>
<td>CIS-203</td>
<td>Systems Design</td>
</tr>
<tr>
<td>CIS-211</td>
<td>Data Structures</td>
</tr>
<tr>
<td>CIS-231</td>
<td>Computer Science I with Java</td>
</tr>
<tr>
<td>CIS-232</td>
<td>Computer Science II with Java</td>
</tr>
<tr>
<td>MAT</td>
<td>Mathematics — any MAT-course with the “MA” General Education designation</td>
</tr>
<tr>
<td>Natural or Physical Lab Science</td>
<td>4</td>
</tr>
</tbody>
</table>

### Expected Outcomes


### Graduation Requirements

To earn a certificate in this program, a student must complete all program credits, plus the following additional requirements.

### Certificate, Computer Information Systems

#### PROGRAMMING – TECHNICAL OPTION

**Program Advisor:** Gregory Panzner • 413-236-4574

The Technical Option of the Computer Information Systems Programming certificate emphasizes C++ and web programming languages, as well as some general education courses. Graduates of this program may be employed as programmers using one of the following computer languages: C++, HTML/XML, or JAVA if selected as a professional elective. Graduates will have 25 to 28 credits toward the Computer Information Systems—Computer Science Option A.S. Degree or the Computer Information Systems—Networking Option A.S. Degree (see page 65).

### Expected Outcomes


### Graduation Requirements

To earn a certificate in this program, a student must complete all program credits, plus the following additional requirements.

#### PROGRAM

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-102</td>
<td>Fundamental Computer Literacy</td>
</tr>
<tr>
<td>CIS-124</td>
<td>C++ Programming I</td>
</tr>
<tr>
<td>CIS-125</td>
<td>C++ Programming II</td>
</tr>
<tr>
<td>CIS-153</td>
<td>Systems Operations</td>
</tr>
<tr>
<td>COM</td>
<td>Communication or English</td>
</tr>
<tr>
<td>ENG</td>
<td>English Composition/Writing</td>
</tr>
<tr>
<td>Professional Elective (see options below)</td>
<td>10</td>
</tr>
</tbody>
</table>

### ADDITIONAL REQUIREMENTS

- Demonstrated college-level skills in reading and writing
- Minimum Cumulative Average: Overall 2.000, Program requirements 2.000

**NOTE**

A minimum of three CIS courses must be taken in the five years prior to graduation.
**PROGRAMS OF STUDY**  Criminal Justice

### ASSOCIATE IN SCIENCE

#### CRIMINAL JUSTICE

**Program Advisor:** Reena Bucknell  •  413-236-4551

The Criminal Justice program offers career preparation at the local, state or federal level in areas of law enforcement, corrections, private security, and other criminal justice work. Courses also provide upgrading of skills for those currently in the field. A student planning on studies at the baccalaureate level should work closely with a Criminal Justice advisor to select courses that will be acceptable to the college and program to which the student plans to transfer. These majors include but are not limited to criminal justice, sociology, paralegal, political science, criminology and public administration.

#### Expected Outcomes

Graduates of this program should be able to:

1. Use effective verbal, nonverbal and written communication;
2. Demonstrate an understanding of ethical standards in the criminal justice system and apply these standards to practical situations;
3. Describe the functions and interrelationships of the major components of the criminal justice system;
4. Explain and illustrate the diversity of viewpoints and experiences within society;
5. Analyze how perceptions are affected by culture; and
6. Identify a social problem, develop a problem-solving approach and evaluate effective and appropriate responses.

“Save two years of ‘university’ tuition, get an intimate learning experience from people that are there because they want to help you be your best. Awesome experience. Thank you, BCC.”

---

#### Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ-105 Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CRJ-108 Substance Abuse Education</td>
<td>3</td>
</tr>
<tr>
<td>CRJ-109 Police and Community Relations</td>
<td>3</td>
</tr>
<tr>
<td>CRJ-121 Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CRJ-123 Criminal Procedures</td>
<td>3</td>
</tr>
<tr>
<td>CRJ-125 Juvenile Justice Process</td>
<td>3</td>
</tr>
<tr>
<td>CRJ-126 Criminal Investigation</td>
<td>3</td>
</tr>
<tr>
<td>CRJ-127 Correctional Process</td>
<td>3</td>
</tr>
<tr>
<td>CRJ-200 Introduction to Criminology or</td>
<td>3</td>
</tr>
<tr>
<td>SOC-219 Women and the Law</td>
<td>3</td>
</tr>
<tr>
<td>PSY-107 Introductory Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC-105 Introductory Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Professional Elective (see footnote 3)</td>
<td>3</td>
</tr>
</tbody>
</table>

**GENERAL EDUCATION**

<table>
<thead>
<tr>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM Communication</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
</tr>
<tr>
<td>MAT Mathematics (see footnote 1)</td>
</tr>
<tr>
<td>History or Government (see footnote 2)</td>
</tr>
<tr>
<td>Humanities and Fine Arts</td>
</tr>
<tr>
<td>Natural or Physical Science or Environmental Studies</td>
</tr>
</tbody>
</table>

**ADDITIONAL REQUIREMENTS**

<table>
<thead>
<tr>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Competencies Portfolio</td>
</tr>
<tr>
<td>FORUM</td>
</tr>
<tr>
<td>Health/fitness (see footnote 4)</td>
</tr>
<tr>
<td>Minimum Cumulative Average Overall</td>
</tr>
<tr>
<td>Program requirements</td>
</tr>
</tbody>
</table>

#### Suggested Block for Completion

The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

**FIRST SEMESTER**

<table>
<thead>
<tr>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ-105 Introduction to Criminal Justice</td>
</tr>
<tr>
<td>CRJ-108 Substance Abuse Education</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
</tr>
<tr>
<td>MAT Mathematics (see footnote 1)</td>
</tr>
<tr>
<td>SOC-105 Introductory Sociology</td>
</tr>
</tbody>
</table>

**SECOND SEMESTER**

<table>
<thead>
<tr>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ-121 Criminal Law</td>
</tr>
<tr>
<td>CRJ-127 Correctional Process</td>
</tr>
<tr>
<td>COM Communication</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
</tr>
<tr>
<td>PSY-107 Introductory Psychology</td>
</tr>
</tbody>
</table>

**THIRD SEMESTER**

<table>
<thead>
<tr>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ-109 Police and Community Relations</td>
</tr>
<tr>
<td>CRJ-123 Criminal Procedures</td>
</tr>
<tr>
<td>History or Government (see footnote 2)</td>
</tr>
<tr>
<td>Humanities and Fine Arts</td>
</tr>
<tr>
<td>Natural or Physical Science or Environmental Studies</td>
</tr>
</tbody>
</table>

**FOURTH SEMESTER**

<table>
<thead>
<tr>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ-125 Juvenile Justice Process</td>
</tr>
<tr>
<td>CRJ-126 Criminal Investigation</td>
</tr>
<tr>
<td>CRJ-200 Introduction to Criminology or</td>
</tr>
<tr>
<td>SOC-219 Women and the Law</td>
</tr>
<tr>
<td>Professional Elective (see footnote 3)</td>
</tr>
<tr>
<td>Humanities and Fine Arts</td>
</tr>
</tbody>
</table>

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**FOOTNOTES**

1. MAT-101, or any course with the “MA” General Education designation; students wishing to transfer should take MAT-102 or higher.
2. History or Government chosen from GOV-105, GOV-135, HIS-113, HIS-114, HIS-117, HIS-118, or HIS-225.
3. Professional Elective chosen from CIS-102, CRJ-200 or SOC-219, HSV-135, SOC-136, SOC-208, SOC-212, SOC-216, SOC-228, SPA-101, SPA-131, or others with program advisor approval.
4. Health/fitness requirement is fulfilled by successful completion of CRJ-108.
## PROGRAMS OF STUDY

### Education

#### EARLY CHILDHOOD EDUCATION

**Program Advisor:** Patricia Kay, M.Ed. • 413-236-4626

The Early Childhood Education program at BCC offers several options and pathways for students to pursue their career goals. Two certificate programs plus two degree programs are available for students with varying needs. Certificates offer stackable courses that may lead to degree opportunities. Courses outlined in the Associate in Arts program meet the Massachusetts Transfer Compact and provide a strong foundation for students continuing on to a bachelor’s degree while the Associate in Science program prepares students to immediately enter the work force. The curriculum stresses the synthesis of theory and practice. Techniques of working with individual students, groups, and families for culture and community are emphasized. Program models from around the world and current research on neuroscience is examined while focusing on developmentally appropriate practice as defined by the Massachusetts Department of Early Education and Care and the National Association for the Education of Young Children. Courses are aligned with the Massachusetts Department of Early Education and Care and NAEC core competencies.

### Essential Functions

See Essential Functions for the Associate in Science in Early Education on page 70.

### Expected Outcomes

Graduates of this program should be able to:

- Demonstrate understanding of significant theories of child development and their practical implementation in child care settings;
- Develop practical skills in guiding and interacting with youth from studying various program models;
- Understand diverse family structures and use culturally competent practices to support and communicate with children and families;
- Ensure children’s safety, promote health practices and recognize and respond to abuse and neglect;
- Recognize characteristics of high-quality environments and developmentally appropriate curriculum; and
- Understand the goals, benefits and uses of observation and assessment in early childhood.

### Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE-101 Early Childhood Growth/Development</td>
<td>3</td>
</tr>
<tr>
<td>ECE-104 Education: Current Issues &amp; Trends</td>
<td>3</td>
</tr>
<tr>
<td>ECE-122 Special Needs in Early Childhood Ed.</td>
<td>3</td>
</tr>
<tr>
<td>ECE-123 Early Childhood Ed. Practicum I</td>
<td>3</td>
</tr>
<tr>
<td>ECE-124 Early Childhood Ed. Seminar I</td>
<td>1</td>
</tr>
<tr>
<td>ECE-241 Design Curriculum: Creativity</td>
<td>3</td>
</tr>
<tr>
<td>ENG Literature (see footnote 1)</td>
<td>3</td>
</tr>
<tr>
<td>ENG Humans and Fine Arts (see footnote 2)</td>
<td>3</td>
</tr>
<tr>
<td>MAT Survey of College Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>ECE Elective (see footnote 3)</td>
<td>3</td>
</tr>
</tbody>
</table>

### GENERAL EDUCATION

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
<td>6</td>
</tr>
<tr>
<td>ENG English Literature</td>
<td>3</td>
</tr>
<tr>
<td>HIS History (see footnote 6)</td>
<td>3</td>
</tr>
<tr>
<td>HIS United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>MAT Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>PSY-107 Introductory Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC Sociology (see footnote 4)</td>
<td>3</td>
</tr>
<tr>
<td>SOC Environmental Studies (see footnote 5)</td>
<td>1</td>
</tr>
<tr>
<td>SOC Natural or Physical Science (see footnote 5)</td>
<td>7</td>
</tr>
</tbody>
</table>

### ADDITIONAL REQUIREMENTS

- Core Competencies Portfolio: 4 items
- FORUM: 4 units
- Health/Fitness: 30 hours
- Minimum Cumulative Average: Overall 2.000
- All required ECE courses: 2.000

### Suggested Block for Completion

The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

<table>
<thead>
<tr>
<th>SEMESTER</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIRST SEMESTER</td>
<td>15</td>
</tr>
<tr>
<td>ECE-101 Early Childhood Growth/Development</td>
<td>3</td>
</tr>
<tr>
<td>ECE-104 Education: Current Issues &amp; Trends</td>
<td>3</td>
</tr>
<tr>
<td>HIS-117 United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>MAT-113 Survey of College Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>PSY-107 Introductory Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SECOND SEMESTER</td>
<td>16</td>
</tr>
<tr>
<td>ECE-123 Early Childhood Ed. Practicum I</td>
<td>3</td>
</tr>
<tr>
<td>ECE-124 Early Childhood Ed. Seminar I</td>
<td>1</td>
</tr>
<tr>
<td>ENG-205 Children’s Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>HIS History (see footnote 6)</td>
<td>3</td>
</tr>
<tr>
<td>SOC Sociology (see footnote 4)</td>
<td>3</td>
</tr>
<tr>
<td>SOC Environmental Studies (see footnote 5)</td>
<td>3</td>
</tr>
<tr>
<td>SOCIAL WORK</td>
<td>3</td>
</tr>
<tr>
<td>SOC Natural or Physical Science (see footnote 5)</td>
<td>3</td>
</tr>
<tr>
<td>SOC Environmental Studies (see footnote 5)</td>
<td>1</td>
</tr>
</tbody>
</table>

### FOOTNOTES

1. ENG-205, Children’s Literature, recommended. Fulfills 3 credit hours of a Literature requirement ONLY for students in this concentration.
2. For students who need the course for their work setting, ECE-220, Infant and Toddler Care, may be substituted.
3. ECE-223 and ECE-224 strongly recommended.
4. Sociology course chosen from SOC-105 or SOC-136.
5. The Natural or Physical Science requirement must be fulfilled by one four credit laboratory science and one three credit non-laboratory science or by two four credit laboratory sciences. Completion of an environmentally focused laboratory science, such as BIO-109, BIO-110, ENV-101, ENV-102, fulfills both the Natural and Physical Science and Environmental Studies requirements.
6. Chosen from HIS-113, HIS-114, HIS-121 or HIS-122.

### NOTE

CORI Any prior criminal offense could hinder placement in practicum agencies and the ability to take national licensure examinations. See Criminal & Sex Offender Record Information Checks on page 13 for details.

---

The ASSOCIATE OF ARTS in Early Childhood Education is a transfer degree, designed to include the General Education courses required to transfer to a 4-year college.
The A.S. in Early Childhood Education is a “career degree” meeting the needs of teachers in the field seeking an associate degree as a terminal degree. This option, with more required courses directly relevant to the care and teaching of young children and relating to working with families, provides training for those early childhood educators who choose to remain in the field at an associate degree level. Early Childhood Education (ECE) courses align with MADOEEC and NAEYC standards.

Essential Functions
Berkshire Community College seeks to provide equal access to its programs, services and activities for people with disabilities. Therefore, to the extent practicable, the College will endeavor to make a reasonable academic adjustment for an applicant with a disability who is otherwise qualified.

The essential functions of a student enrolled in the Early Childhood Education program requires that the student, with or without reasonable accommodations, must be able to:

- Conduct observations to assess child development; Therefore, the student must demonstrate the ability to see children’s actions and hear children’s words;
- Communicate effectively, safely and efficiently by:
  - Explaining procedures;
  - Receiving information from others;
  - Receiving information from written documents;
  - Exhibiting appropriate interpersonal skills;
- Develop and carry out lesson plans in a classroom;
- Stand/move about a classroom and assist young children with tasks involving dressing, eating and manipulating materials;
- Facilitate the development of a child’s self-esteem, trust and respect through positive, constructive interactions in both group and individual settings;
- Use hands to grasp, operate and manipulate scissors, glue, etc. Sitting on floor or in small chairs is necessary, as is the ability to stand for prolonged periods;
- Assist with child guidance;

- Help prepare and maintain classroom environment;
- Pay attention to the safety of children at all times;
- Anticipate and respond to the needs of children and staff;
- Interact in a manner appropriate to a child’s developmental level;
- Ensure that out-of-classroom pressures (personal, home, school) do not interfere with overall effective student-teaching performance; and
- Possess emotional openness to constructive feedback from supervising teacher; and
- Other essential functions may be site-specific.

Expected Outcomes
See Expected Outcomes for the Associate in Arts in Early Education on page 69.

Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

PROGRAM 41 CREDITS
ECE-101 Early Childhood Growth and Development.............................3
ECE-104 Education: Current Issues and Trends................................3
ECE-107 Understanding and Guiding Children’s Behavior..................3
ECE-122 Special Needs in Early Childhood Education........................3
ECE-123 Early Childhood Education Practicum I...............................3
ECE-124 Early Childhood Education Seminar I..............................1
ECE-220 Infant and Toddler Care................................................3
ECE-223 Early Childhood Education Practicum II............................3
ECE-224 Early Childhood Education Seminar II............................1
ECE-241 Design Curriculum: Creativity.........................................3
  Behavioral Sciences Electives (see footnote 1).............................6
  Free Electives.............................................................................9

GENERAL EDUCATION 21 CREDITS
COM Communication........................................................................3
ENG English Composition/Writing..................................................6
ENG-205 Children’s Literature.......................................................3
MAT Mathematics (see footnote 2)................................................3
PSY-107 Intro to Psych.................................................................3
SOC-105 Introductory Sociology.....................................................3

ADDITIONAL REQUIREMENTS
Core Competencies Portfolio.........................................................4
FORUM.......................................................................................4 units
Health/Fitness..............................................................................3
Minimum Cumulative Average
  Overall.....................................................................................3
  All required ECE courses .......................................................2.000

Suggested Block for Completion
The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

FIRST SEMESTER 15 CREDITS
(Pre college courses as needed)
ECE-101 Early Childhood Growth and Development.......................3
ECE-104 Education: Current Issues and Trends..............................3
PSY-107 Intro to Psych................................................................3
  English Composition.................................................................3
  Behavioral Science Elective.....................................................3

SECOND SEMESTER 15 CREDITS
ECE-122 Special Needs in Early Childhood Ed..............................3
ENG-102 English Composition.....................................................3
SOC-105 Introductory Sociology....................................................3
  Free Elective.............................................................................3
  Behavioral Science Elective.....................................................3

THIRD SEMESTER 16 CREDITS
ECE-123 & ECE-124 Intro. Practicum & Seminar.............................4
  Design Curriculum: Creativity................................................3
  Oral Communication...............................................................3
  Behavioral Science Elective.....................................................3

FOURTH SEMESTER 16 CREDITS
ECE-104 Education: Current Issues and Trends..............................3
ECE-224 Early Childhood Education Seminar II............................1
  Design Curriculum: Creativity................................................3
  Free Electives.............................................................................6

FOOTNOTES
1. Chosen from courses designated ECE, HSV, PSY or SOC. Recommended courses: HSV-135, SOC-136 and SOC-208.
2. BUS-105, Business Mathematics; MAT-101, Applied Contemporary Mathematics; or any course with the “MA” General Education designation.

NOTE
CORI✓ Any prior criminal offense could hinder placement in practicum agencies and the ability to take national licensure examinations. See Criminal & Sex Offender Record Information Checks on page 13 for details.
PROGRAMS OF STUDY  
Education

INTRODUCTORY CERTIFICATE
EARLY CHILDHOOD EDUCATION

Program Advisor: Patricia Kay, M.Ed. • 413-236-4626

The Introductory Early Childhood Education certificate is the first pathway leading to greater qualifications for work with young children. With the experience provided in the practicum (ECE-123), those completing this certificate will be ready to apply for teacher qualification through the MADOEEC. The required ECE courses will be offered in the evening in rotation.

Graduation Requirements
To earn a certificate in this program, a student must complete all program credits, plus the following additional requirements.

PROGRAM  16 CREDITS
ECE-101 Early Childhood Growth and Development ..............3
ECE-104 Education: Current Issues and Trends ..................3
ECE-123 Practicum in Early Childhood Education ..............3
ECE-124 Seminar in Early Childhood Education .................3
ENG-101 Composition I ....................................................1
PSY-107 Introductory Psychology ....................................3

ADDITIONAL REQUIREMENTS
Demonstrated College-level skills in Reading and Writing
Minimum Cumulative Average Overall.................................2.000
Minimum Cumulative Average in Program............................2.000

Suggested Sequence of Courses
The actual time to complete the program may vary according to each student’s individual needs.

ECE-101 Early Childhood Growth and Development
ECE-104 Education: Current Issues and Trends
ECE-123 Practicum in Early Childhood Education
ECE-124 Seminar in Early Childhood Education
ENG-101 Composition I
PSY-107 Introductory Psychology

INTERMEDIATE CERTIFICATE
EARLY CHILDHOOD EDUCATION

Program Advisor: Patricia Kay, M.Ed. • 413-236-4626

After completion of the Introductory Early Childhood Education certificate or equivalent, students may begin work on this pathway. This certificate, together with nine months of additional experience in the field, prepares people to pursue lead teacher qualification through the MADOEEC. The required ECE courses will be offered in the evening in rotation.

Graduation Requirements
To earn a certificate in this program, a student must complete all program credits, plus the following additional requirements.

PROGRAM  16 CREDITS
ECE-122 Special Needs In Early Childhood Education ..........3
ECE-223 Practicum in Early Childhood Education .................3
ECE-224 Seminar in Early Childhood Education .................1
ECE Early Childhood electives (see footnote 1) .................6
SOC-105 Introductory Sociology or
SOC-136 Sociology of Marriage and the Family ..................3

ADDITIONAL REQUIREMENTS
Demonstrated college-level skills in reading and writing
Minimum Cumulative Average
Overall .................................................................2.000
Program requirements ..............................................2.000

FOOTNOTE
1. One of the early childhood electives must be either ECE-107, Understanding and Guiding Children’s Behavior; or ECE-241, Design Curriculum: Creativity. For those seeking to work with infants and toddlers, ECE-220, Infant and Toddler Care, should be taken and the student should select this type of practicum.

NOTES
Should the student choose to continue toward an associate degree, the appropriate program would be the Liberal Arts concentration in Early Childhood Education. Early childhood electives will not apply to the degree program.

CORI/ Any prior criminal offense could hinder placement in practicum agencies and the ability to take the national licensure exam. See Criminal & Sex Offender Record Information Checks on page 13 for details.

Suggested Block for Completion
The actual time to complete the program may vary according to each student’s individual needs.

ECE-122 Special Needs In Early Childhood Education
ECE-223 Practicum in Early Childhood Education
ECE-224 Seminar in Early Childhood Education
ECE Early Childhood Electives (see footnote 1)
SOC-105 Introductory Sociology or
SOC-136 Sociology of Marriage and the Family
ASSOCIATE IN ARTS, LIBERAL ARTS

ELEMENTARY EDUCATION

Program Advisor: Patricia Kay, M.Ed. • 413-236-4626

The Elementary Education program in Liberal Arts meets the Massachusetts Transfer Compact and lays the groundwork for students to become well-rounded, competent teachers. The curriculum offers a strong foundation in liberal arts courses including Foundations of Education, Introductory Psychology and Children’s Literature. Students in the Elementary Education program will go on to pursue a bachelor’s degree and fulfill the requirements for the elementary education license and MTEL exam.

Expected Outcomes

Graduates of this program should be able to:

• Demonstrate a thorough knowledge of child development, educational theories and curriculum planning;

• Articulate a personal rationale and philosophy of education based on personal values and beliefs;

• Acquire historical background on major events that have influenced education in the United States; and

• Demonstrate competency in general education courses with special emphasis on English, mathematics and psychology.

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU-105 Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ENG-205 Children’s Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG Literature (see footnote 1)</td>
<td>3</td>
</tr>
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<td>GEO-125 World Geography</td>
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<td>MAT-113 Survey of College Mathematics</td>
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<td>PSY-107 Introductory Psychology</td>
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GENERAL EDUCATION

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</tr>
<tr>
<td>GOV Government (see footnote 2)</td>
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<tr>
<td>HIS History (see footnote 5)</td>
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<tr>
<td>HIS-117 United States History to 1877</td>
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<td>Natural and Physical Science (see footnote 3)</td>
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ADDITIONAL REQUIREMENTS

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Suggested Block for Completion

The following presents a suggested route for completing this program in two years. The actual time needed to complete the program will depend on a particular student’s circumstances.

FIRST SEMESTER

<table>
<thead>
<tr>
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<td>ENG English Composition/ Writing</td>
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<td>GOV Government (see footnote 2)</td>
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<td>HIS History (see footnote 5)</td>
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SECOND SEMESTER

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<td>MAT-113 Survey of College Mathematics</td>
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THIRD SEMESTER

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<tr>
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<tr>
<td>ECO Economics</td>
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FOURTH SEMESTER

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<tr>
<td>ENG Literature (see footnote 1)</td>
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</tr>
<tr>
<td>Environmental Studies (see footnote 3)</td>
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</tr>
<tr>
<td>Humanities &amp; Fine Arts (see footnote 4)</td>
<td>3</td>
</tr>
<tr>
<td>Free Electives</td>
<td>6</td>
</tr>
</tbody>
</table>

FOOTNOTE

1. ENG-215, Introduction to Literature, is recommended.
2. GOV-105 recommended.
3. Natural Science selected from BIO-101, BIO-102, BIO-111, BIO-112 or BIO-180; or ENV-101, BIO-102 or BIO-121. Physical Science selected from BIO-109 or BIO-110; CHEM 101, ENV-148, GEY-121 PHY-101 or ATM-126. The requirement must be fulfilled by taking one four credit laboratory science and one three credit non-laboratory science or by two four credit laboratory sciences. Completion of an environmentally focused laboratory science, such as BIO-109 or BIO-110, or ENV-101 or ENV-102 also fulfills the environmental studies requirement.
4. Must have prefix FAS, MUS, THR.
5. Chosen from HIS-113, HIS-114, HIS-121 or HIS-122.

NOTE

CORI✓ Any prior criminal offense could jeopardize this career pathway. See Criminal & Sex Offender Record Information Checks on page 13 for details.
PROGRAMS OF STUDY  Engineering & Engineering Technology

CERTIFICATE

APPLIED MANUFACTURING TECHNICAL SKILLS

Program Advisor: John Tatro • 413-236-4630

The course sequence and content provides the quantitative and technical skills required for entry-level positions in manufacturing, and is also an option for individuals currently working in the field and wishing to update their skills to current technologies. Though most of the curriculum will be taught on campus, the hands-on technical courses will be offered at state-of-the-art industrial laboratories at regional vocational schools and possibly local manufacturing facilities.

Expected Outcomes
Graduates of this program should be able to:

• Demonstrate the educational and technical skills to enter the workforce or continue their education at baccalaureate institutions;
• Apply the technical knowledge and problem solving skills required in their chosen area;
• Accurately use test equipment;
• Use both manual and automated machinery in various manufacturing processes;
• Develop a commitment to quality timelines and continuous improvement of the manufacturing process;
• Demonstrate competence in collaboration with individuals and teams of multicultural and multidisciplinary backgrounds;
• Communicate clearly and coherently in written, oral and graphical forms; and
• Appreciate the need for continued professional development and lifelong learning.

Graduation Requirements
To earn a certificate in this program, a student must complete all program credits, plus the following additional requirements.

PROGRAM  22 CREDITS
ENM-125 Technical Mathematics I ..........................................................3
ENM-126 Technical Mathematics II (or higher) ..........................................3
ENT-135 Interpreting Engineering Drawings I ...........................................4
ENT-136 Interpreting Engineering Drawings II .........................................4
ENT-151 Introduction to Manufacturing ..................................................4
ENT-152 Advanced Manufacturing ..........................................................4

ADDITIONAL REQUIREMENTS
Minimum Cumulative Average
Overall .................................................................................................2.000
Program requirements ...........................................................................2.000
ASSOCIATE IN SCIENCE
ENGINEERING

Program Advisor: Gary Bradway • 413-236-4624

Engineers are typically thought of as problem-solving, technically skilled people. However, they also need to be creative, imaginative and aware of social needs and problems. The well-rounded education provided by this program cultivates self-knowledge and leads to the specialized fields of professional engineering. This Engineering degree program follows the first two years at most institutions offering a baccalaureate degree in engineering so that students who complete the program can successfully transfer to colleges like Rensselaer Polytechnic Institute, the University of Massachusetts, Clarkson University and Worcester Polytechnic Institute.

Expected Outcomes
Graduates of this program should be able to:

1. Attain a broad fundamental base from which graduates are well equipped to continue their education in a variety of engineering disciplines at Baccaulreate institutions;
2. Apply engineering and scientific methods to formulate and solve engineering problems both theoretically and numerically;
3. Demonstrate competence in collaboration with individuals and teams of multicultural and multidisciplinary backgrounds;
4. Communicate clearly and coherently in written, oral and graphical forms; and
5. Appreciate the need for continued professional development and lifelong learning.

Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>CHM-101 Introductory Chemistry I</td>
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<tr>
<td>CHM-102 Introductory Chemistry II or</td>
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<tr>
<td>BIO-101 General Biology I (see footnote 1)</td>
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<tr>
<td>ENM-152 Engineering Calculus II</td>
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<tr>
<td>ENM-151 Engineering Calculus III</td>
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<tr>
<td>ENT-115 Introduction to Engineering</td>
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<tr>
<td>ENT-162 Engineering Physics II</td>
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<td>ENT-185 Engineering Computer Applications</td>
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<tr>
<td>ENT-261 Engineering Physics III</td>
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<td>MAT-253 Linear Algebra</td>
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<td>MAT-254 Differential Equations</td>
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GENERAL EDUCATION

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<td>ENM-151 Engineering Calculus I</td>
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<td>ENT-161 Engineering Physics I</td>
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ADDITIONAL REQUIREMENTS

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<td>FORUM</td>
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<td>Health/Fitness</td>
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<td>Minimum Cumulative Average</td>
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<td>Overall</td>
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<td>Program requirements</td>
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Suggested Block for Completion
The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

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<tr>
<td>CHM-101 Introductory Chemistry I</td>
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<td>ENG English Composition/ Writing</td>
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<td>ENM-151 Engineering Calculus I</td>
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<tr>
<td>ENT-115 Intro to Engineering</td>
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<tr>
<td>SECOND SEMESTER</td>
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<td>ENG English Composition/ Writing</td>
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<td>CHM-102 Introductory Chemistry II or</td>
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<td>BIO-101 General Biology I (see footnote 1)</td>
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<td>ENM-152 Engineering Calculus II</td>
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<td>ENT-161 Engineering Physics I</td>
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<tr>
<td>ENT-185 Engineering Computer Applications</td>
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<td>ENT-162 Engineering Physics II</td>
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<tr>
<td>COM Communication</td>
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<tr>
<td>General Education Elective (see footnote 3)</td>
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</tbody>
</table>

FOOTNOTES
1. Students planning to major in Chemical Engineering should take CHM-102.
2. Take two technical electives as follows:
   - For Electrical Engineering: ENT-203 and ENT-204
   - For Mechanical/Civil Engineering: ENT-212 and ENT-213
   - For Chemical Engineering: CHM-201 and CHM-202
3. General Education Electives chosen from the following: History, Humanities and Fine Arts, Behavioral and Social Science, Environmental Studies.
ASSOCIATE IN SCIENCE, ENGINEERING TECHNOLOGY
COMPUTER/ELECTRONIC TECHNOLOGY

Program Advisor: John Tatro • 413-236-4630

The Computer/Electronic Technology option in the Engineering Technology degree program provides the student with a unique blend of courses in electronics and computer hardware, software, and programming. It is intended to provide a broad range of career opportunities including designing, installing, maintaining and operating computer systems, as well as training as an industrial electronics technician. Students may become CISCO® Certified in this program and should contact the program advisor. With proper preparation in mathematics and physics, the student can transfer to a college or university offering a baccalaureate degree in engineering technology.

Expected Outcomes

Graduates of this program should be able to:

- Apply their skills to design, install, configure, troubleshoot and upgrade workstations and servers in a networked environment;
- Apply their skills install, configure, troubleshoot, patch and upgrade common computer operating systems such as Mac OS X, Linux and Microsoft Windows;
- Apply their skills to install, configure, troubleshoot and upgrade common computer hardware and software;
- Apply their skills to install, configure, troubleshoot and upgrade Cisco networking equipment;
- Apply their skills to install, configure and troubleshoot of server-based applications such as firewalls, domain name systems (DNS), security monitors and back/recovery tools;
- Demonstrate computer literacy in common computer applications and technology;
- Communicate clearly and coherently in written, oral and graphical forms; and
- Understand and appreciate the need for continued professional development and life-long learning.

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
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GENERAL EDUCATION

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Suggested Block for Completion

The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

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SECOND SEMESTER 17 CREDITS

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THIRD SEMESTER 19 CREDITS

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FOURTH SEMESTER 16 CREDITS

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<td>COM</td>
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</tbody>
</table>

FOOTNOTES

1. CIS-102 may be substituted.
2. Students planning to transfer should take PHY-101, PHY-102 and a technical elective in the first, second and third semesters.
3. Technical electives selected from CIS-125, C++ Programming II; CIS-155, Web Development; CIS-181, Routing and Switching Essentials; ENT-285, Technical Internship; and PHY-102, College Physics II.
4. General Education Electives are chosen from two of the following: History, Humanities and Fine Arts, or Behavioral and Social Science, or Environmental Studies.
ASSOCIATE IN SCIENCE, ENGINEERING
MANUFACTURING TECHNOLOGY

Program Advisor: John Tatro • 413-236-4630

The Manufacturing Technology option of the Engineering Technology degree program is designed to provide students with the basic skills they need for a career in the manufacturing field. Courses in the program take place in campus classrooms and laboratories as well as off-campus locations with state-of-the-art equipment, software and training facilities. The program is designed to offer flexibility while also providing students with elective options and technical internship opportunities that allow them to focus their efforts in an area of specialization. With proper preparation in physics and mathematics, students interested in transferring to a baccalaureate institution to continue their education in physics and mathematics, students interested in

Expected Outcomes
Graduates of this program should be able to:
• Demonstrate competence in interpreting and preparing engineering drawings used in modern industrial applications;
• Demonstrate competence in knowledge and application of manufacturing materials and processes;
• Demonstrate competence in the use of manufacturing computer-aided design and Manufacturing tools such as Mastercam and SolidWorks;
• Understand the role of Quality Control and Quality Assurance in modern manufacturing;
• Demonstrate knowledge and skill in Computer Numerical Control (CNC) programming, techniques and applications;
• Demonstrate knowledge of modern machine elements, components and operation, including electromechanical, hydraulic and pneumatic, digital and analog electronics;
• Demonstrate skills in the setup and use of manufacturing machinery, both manual and computer controlled; including hand tools, grinders, cut-off saws, turning and milling machines;
• Demonstrate a knowledge of closed loop control systems and applications including their role in Factory Automation and Robotics;
• Communicate clearly and coherently in written, oral and graphical forms; and
• Understand and appreciate the need for continued professional development and life-lone learning.

Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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<td>PHY-101</td>
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</table>

Additional Requirements
Core Competencies Portfolio ........................................4 items
FORUM........................................................................4 units
Health/Fitness............................................................30 hours
Minimum Cumulative Average
Overall.................................................................2,000
Program requirements .................................................2,000

Suggested Block for Completion
The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

<table>
<thead>
<tr>
<th>SEMESTER</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>FIRST SEMESTER</td>
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<thead>
<tr>
<th>SEMESTER</th>
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<td>ENT-238</td>
<td>4</td>
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<tr>
<td>COM</td>
<td>3</td>
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</tbody>
</table>

Footnotes
1. Students planning to transfer should take PHY-101, PHY-102 and a technical elective in the first, second and third semesters respectively.
2. Technical Electives are chosen from ENT-210, Computer Aided Drafting/Design II; ENT-136, Interpreting Engineering Drawings II; ENT-285, Technical Internship; and PHY-102, College Physics II.
3. General Education Electives are chosen from two of the following: History, Humanities and Fine Arts, or Behavioral and Social Science, or Environmental Studies.
ASSOCIATE IN SCIENCE

ENVIRONMENTAL SCIENCE

Program Advisor: Timothy Flanagan • 413-236-4503

Environmental Science provides a sound foundation in science and such supportive disciplines as mathematics, social sciences, computer programming and the humanities. Directed study opportunities exist for those prepared to do independent research. Courses take place in classrooms and well-equipped laboratories. Nearby woodlands, fields, lakes, streams and marshes serve as field laboratories. Students should consult with an Environmental faculty member before selecting program electives to meet career goals. Those who intend to continue college after BCC should also consult an advisor about specific transfer agreements and requirements of different schools.

Expected Outcomes

Graduates of this program should be able to:

- Describe the major components and process of molecular and cellular biology;
- Demonstrate an understanding of the major structures and physiological processes of organismal biology;
- Demonstrate understanding of principles and processes of evolution and systematics;
- Demonstrate and understanding of major ecological principles;
- Describe the societal place of biology and appropriately communicate and apply the fundamental principles of biology to current social, medical, ethical and environmental issues;
- Evaluate and present scientific arguments;
- Demonstrate an understanding of the Scientific Method;
- Demonstrate technical, equipment and measurement skills essential to basic scientific inquiry; and
- Adapt a collaborative approach to problem solving.

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
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<tbody>
<tr>
<td>BIO-109 Introductory Ecology I</td>
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<tr>
<td>BIO-110 Introductory Ecology II</td>
<td>4</td>
</tr>
<tr>
<td>BIO-111 Introductory Botany</td>
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<tr>
<td>BIO-112 Zoology (see footnote 1)</td>
<td>4</td>
</tr>
<tr>
<td>ENV-101 Conservation of Natural Resources I</td>
<td>4</td>
</tr>
<tr>
<td>ENV-102 Conservation of Natural Resources II</td>
<td>4</td>
</tr>
<tr>
<td>GEY-121 Earth Systems Science</td>
<td>4</td>
</tr>
<tr>
<td>GEY-136 Geographic Information Systems</td>
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<tr>
<td>Science Electives (see footnote 3)</td>
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GENERAL EDUCATION

<table>
<thead>
<tr>
<th>COURSE</th>
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<tbody>
<tr>
<td>CHM-101 Introductory Chemistry I (see footnote 2)</td>
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</tr>
<tr>
<td>CHM-102 Introductory Chemistry II (see footnote 2)</td>
<td>4</td>
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<tr>
<td>COM Communication</td>
<td>3</td>
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<tr>
<td>ENG English Composition/Writing</td>
<td>6</td>
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<tr>
<td>MAT Mathematics</td>
<td>3</td>
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<td>Behavioral and Social Science</td>
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<td>Humanities and Fine Arts</td>
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</table>

ADDITIONAL REQUIREMENTS

- Core Competencies Portfolio ...........................................4 items
- FORUM ........................................................................4 units
- Health/Fitness ..................................................................30 hours
- Minimum Cumulative Average Overall ..................................2.000
- All required BIO, CHM, ENV and GEY courses and science electives ..................................2.000

Suggested Block for Completion

The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

FIRST SEMESTER

<table>
<thead>
<tr>
<th>COURSE</th>
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<tbody>
<tr>
<td>BIO-112 Zoology</td>
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<tr>
<td>CHM-101 Introductory Chemistry I (see footnote 2)</td>
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<tr>
<td>ENV-101 Conservation of Natural Resources I or MAT Mathematics</td>
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SECOND SEMESTER

<table>
<thead>
<tr>
<th>COURSE</th>
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<tr>
<td>CHM-102 Introductory Chemistry II (see footnote 3)</td>
<td>4</td>
</tr>
<tr>
<td>ENV-102 Conservation of Natural Resources II</td>
<td>4</td>
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<tr>
<td>ENG English Composition/Writing</td>
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</table>

FOOTNOTES

2. CHM-150, Essentials of Chemistry and a lab science may be substituted for this requirement; one more credit must be taken in Free Electives.
3. Science electives chosen from BIO, CHM, ENV, GEY, or PHY courses selected in consultation with the student’s advisor and consistent with transfer or career plans.

www.berkshirecc.edu
ASSOCIATE IN ARTS, FINE ARTS

MUSIC CONCENTRATION

Program Advisor: Ellen Shanahan • 413-236-4703

The Music concentration of the Fine Arts degree program offers courses comparable to those taken during the first two years at a typical music conservatory and in a college or university music department. Emphasis is placed on foundation courses and on gaining skills in Western, non-Western, classical and popular musics. Related majors at the baccalaureate level include arts management, composition, conducting, ethnomusicology, film scoring, jazz studies, music education, music history, music performance, music technology, music therapy, musical theatre, opera and sound recording.

This is a MassTransfer eligible program (see page 30).

Expected Outcomes

Graduates of this program should be able to:

• Hear, identify and work conceptually with the elements of music;

• Perform in solo and ensemble performances;

• Demonstrate an understanding of the importance of major composers throughout music history;

• Use music technology for notation and for sound recording to create original work;

• Develop a music repertoire appropriate for the instrument studied; and

• Be prepared, through applied music study, to compete the audition process at four-year colleges and music schools.

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>31 CREDITS</th>
</tr>
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<tbody>
<tr>
<td>BCC-101</td>
<td>Student Success Seminar ........................................... 1</td>
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<tr>
<td>MUS-106</td>
<td>Fundamentals of Music .............................................. 3</td>
</tr>
<tr>
<td>MUS-108</td>
<td>Music Theory I ......................................................... 3</td>
</tr>
<tr>
<td>MUS-132</td>
<td>Introduction to Recording Technology ......................... 3</td>
</tr>
<tr>
<td>MUS-138</td>
<td>Class Piano I ................................................................. 1</td>
</tr>
<tr>
<td>MUS-139</td>
<td>Class Piano II ................................................................. 1</td>
</tr>
<tr>
<td>MUS-156</td>
<td>Musicianship I ................................................................. 2</td>
</tr>
<tr>
<td>MUS-187</td>
<td>Music Theory II ................................................................. 3</td>
</tr>
<tr>
<td>MUS-216</td>
<td>Musicianship II ................................................................. 2</td>
</tr>
<tr>
<td>MUS-114</td>
<td>Performance Seminar or Choral Ensemble (see footnote 1) .......... 2</td>
</tr>
<tr>
<td>MUS</td>
<td>Ensembles (see footnote 1) .............................................. 4</td>
</tr>
<tr>
<td>MUS-110</td>
<td>American Popular Music .............................................. 3</td>
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GENERAL EDUCATION 35 CREDITS

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<td>ENG</td>
<td>English Composition/Writing ........................................... 3</td>
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<tr>
<td>ENG</td>
<td>Literature ................................................................. 3</td>
</tr>
<tr>
<td>MUS-110</td>
<td>American Popular Music .............................................. 3</td>
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<tr>
<td>HIS</td>
<td>History (HI) (see footnote 2) ........................................... 6</td>
</tr>
<tr>
<td>MATH</td>
<td>Mathematics ................................................................. 3</td>
</tr>
<tr>
<td>NATURAL</td>
<td>Natural or Physical Science (see footnote 3) ..................... 7</td>
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ADDITIONAL REQUIREMENTS

Core Competencies Portfolio ................................................. 4 items

FORUM ................................................................. 4 units

Health/Fitness ................................................................. 30 hours

Minimum Cumulative Average

Overall ................................................................. 2.000

All required MUS courses .................................................. 2.000

3. The Natural or Physical Science requirement must be fulfilled by one 4-credit laboratory science and one 3-credit non-laboratory science or by two 4-credit laboratory sciences. Completion of an environmentally focused laboratory science course, such as BIO-109, BIO-110, ENV-101 and ENV-102, fulfills both the Natural/Physical science requirement and the Environmental Studies requirement.

Suggested Block for Completion

The following is a suggestion for completing the program is two years. The actual time needed to complete the program will vary according to each student’s individual needs.

FIRST SEMESTER 16 CREDITS

<table>
<thead>
<tr>
<th>PROGRAM</th>
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<td>BCC-101</td>
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<td>ENG</td>
<td>English Composition/Writing ........................................... 3</td>
</tr>
<tr>
<td>HIS</td>
<td>History (HI) (see footnote 2) ........................................... 3</td>
</tr>
<tr>
<td>MUS-101</td>
<td>Applied Music I ......................................................... 1</td>
</tr>
<tr>
<td>MUS-106</td>
<td>Fundamentals of Music .............................................. 3</td>
</tr>
<tr>
<td>MUS-110</td>
<td>American Popular Music .............................................. 3</td>
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<tr>
<td>MUS-112</td>
<td>Ensemble (see footnote 1) .............................................. 1</td>
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<tr>
<td>MUS-120</td>
<td>Choral Ensemble ......................................................... 1</td>
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SECOND SEMESTER 17 CREDITS

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<tr>
<td>ENG</td>
<td>English Composition/Writing ........................................... 3</td>
</tr>
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<td>HIS</td>
<td>History (HI) (see footnote 2) ........................................... 3</td>
</tr>
<tr>
<td>MUS-102</td>
<td>Applied Music II ....................................................... 1</td>
</tr>
<tr>
<td>MUS-108</td>
<td>Music Theory I ............................................................. 3</td>
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<td>MUS-138</td>
<td>Class Piano I ................................................................. 1</td>
</tr>
<tr>
<td>MUS-156</td>
<td>Musicianship I ................................................................. 2</td>
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<td>MUS</td>
<td>Ensemble (see footnote 1) .............................................. 1</td>
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THIRD SEMESTER 16 CREDITS

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<td>MUS-139</td>
<td>Class Piano II ................................................................. 1</td>
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<tr>
<td>MUS-187</td>
<td>Music Theory II ............................................................. 3</td>
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<tr>
<td>MUS-201</td>
<td>Applied Music III .......................................................... 2</td>
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<tr>
<td>MUS-216</td>
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FOURTH SEMESTER 17 CREDITS

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<td>Performance Seminar or Choral Ensemble (see footnote 1) .......... 1</td>
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<tr>
<td>MUS-132</td>
<td>Recording Technology .................................................... 3</td>
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<td>MUS-202</td>
<td>Applied Music IV ............................................................. 2</td>
</tr>
<tr>
<td>MUS</td>
<td>Ensemble (see footnote 1) .............................................. 1</td>
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</table>
CERTIFICATE, FINE & PERFORMING ARTS
MUSIC PRODUCTION

Program Advisor: Ellen Shanahan • 413-236-4703

The Music Production certificate program emphasizes recording technology (Sonar; Audacity; and Pro Tools) and Finale, music notation software for creating, editing, printing and publishing musical scores. Graduates will achieve 28 credits intended for transfer to higher education institutions that offer degrees in related areas such as entertainment business, film, game music, recording arts and show production. Graduates may also seek immediate employment in recording studios and other areas related to the music production industry.

Expected Outcomes
Graduates of this program should be able to:
• Create and/or follow a musical score;
• Apply knowledge of musical editing software to a recording process;
• Apply the knowledge of basic sound production and sound production equipment;
• Understand and utilize music notation;
• Understand and address practical solo and ensemble musical performance issues;
• Communicate clearly, succinctly and accurately; and
• Transfer to a specializing institution for advanced training and/or degrees in related areas.

Graduation Requirements
To earn a certificate in this program, a student must complete all program credits, plus the following additional requirements.

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<td>BCC-101 Student Success Seminar</td>
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<td>ENG-101 Composition I</td>
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<td>MUS-101 Applied Music I</td>
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<td>MUS-102 Applied Music II</td>
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<td>MUS-106 Fundamentals of Music</td>
<td>3</td>
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<td>MUS-108 Music Theory I</td>
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<td>MUS-110 American Popular Music</td>
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<tr>
<td>MUS-132 Introduction to Recording Technology</td>
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<td>MUS-138 Class Piano I</td>
<td>1</td>
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<td>MUS-156 Musicianship I</td>
<td>2</td>
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<tr>
<td>MUS-185 Computer Music Notation</td>
<td>3</td>
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<tr>
<td>MUS-232 Recording Technology II</td>
<td>3</td>
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<tr>
<td>MUS Ensembles (see footnote 1)</td>
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ADDITIONAL REQUIREMENTS
Minimum Cumulative Average
Overall .................................................. 2.000
All required MUS courses ................................ 2.000

Suggested Block for Completion
The following is a suggestion for completing the program is one year. The actual time needed to complete the program will vary according to each student’s individual needs.

FIRST SEMESTER
15 CREDITS

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<td>BCC-101 Student Success Seminar</td>
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<td>MUS-101 Applied Music I</td>
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<td>MUS-106 Fundamentals of Music</td>
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<td>MUS-110 American Popular Music</td>
<td>3</td>
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SECOND SEMESTER
14 CREDITS

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<tr>
<td>MUS-108 Music Theory I</td>
<td>3</td>
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<td>MUS-138 Class Piano I</td>
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<td>MUS-156 Musicianship I</td>
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<td>MUS-185 Computer Music Notation</td>
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<td>MUS-232 Recording Technology II</td>
<td>3</td>
</tr>
<tr>
<td>MUS Ensembles (see footnote 1)</td>
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</tr>
</tbody>
</table>

FOOTNOTE
1. Ensembles chosen from Choral Ensemble (MUS-120 and MUS-130); Jazz Ensemble (MUS-163 and MUS-164); or Instrumental Ensemble (MUS-151 and MUS-152).
ASSOCIATE IN ARTS, FINE ARTS

THEATRE CONCENTRATION

Program Advisor: Kevin McGerigle • 413-236-4703

The Theatre Arts concentration in the Fine Arts degree program involves students in the study of acting, directing, design, lighting and stagecraft in the beautiful and modern Boland Theatre in the Koussevitzky Arts Center. Theatre at BCC is “doing.” In addition to a comprehensive academic program, students are involved in every aspect of theatrical production, from lighting and costumeing to acting and design, and they receive college credit for their work. Three main-stage, full-scale productions are mounted each year, augmented by student-directed plays, giving freshmen and sophomores unparalleled opportunities. Experience is the key: what students learn in the classroom is immediately applied on stage.

Program graduates usually transfer to baccalaureate institutions where the experience, training and academic discipline received at BCC are an excellent foundation for future work and study in the theatre. Related majors at the baccalaureate level include communications, dance, mass communications, musical theatre, etc.

This is a MassTransfer eligible program (see page 30).

Expected Outcomes

Graduates of this program should be able to:

• Demonstrate knowledge of historical events in theatre;
• Demonstrate the art of stage technology: costume; set construction; and lighting;
• Demonstrate specific performance skills in acting including character analysis, blocking, interpretation, voice and diction;
• Master the art of theatrical auditioning;
• Develop a repertory of theatrical roles through participation in plays and theatre events; and
• Develop an appreciation of world culture through the beauty and discipline of the art of theatre.

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

PROGRAM

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>31 CREDITS</th>
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<td>THR-102</td>
<td>Stagecraft I or</td>
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<td>THR-103</td>
<td>Stagecraft II .................................. 3</td>
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<tr>
<td>THR-104</td>
<td>Acting I ........................................... 3</td>
</tr>
<tr>
<td>THR-105</td>
<td>Acting II ........................................... 3</td>
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<td>THR-106</td>
<td>Fundamentals of Theatre Design .................. 3</td>
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<td>THR-110</td>
<td>Acting for Television and Film .................. 3</td>
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<td>THR-205</td>
<td>Directing ............................................. 3</td>
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<td>THR-111</td>
<td>History of Theatre I or ............................ 3</td>
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<td>THR-112</td>
<td>History of Theatre II .................. .......................... 3</td>
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<td>THR-206</td>
<td>Acting Styles .................................. 3</td>
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<td>Movement for Actors ................................ 3</td>
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GENERAL EDUCATION

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<td>English Composition/Writing ...................... 3</td>
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<tr>
<td>ENG</td>
<td>Literature ......................................... 3</td>
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<td>THR-101</td>
<td>Introduction to Theatre ............................ 3</td>
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<tr>
<td>THR-215</td>
<td>Behavioral and Social Sciences ................. 3</td>
</tr>
<tr>
<td>THR-231</td>
<td>Environmental Studies (see footnote 3) .......... 3</td>
</tr>
<tr>
<td>THR-102</td>
<td>History (HI) (see footnote 4) .................... 6</td>
</tr>
<tr>
<td>THR-231</td>
<td>Mathematics ....................................... 3</td>
</tr>
<tr>
<td>THR-231</td>
<td>Natural or Physical Science (see footnote 3) ...... 7</td>
</tr>
</tbody>
</table>

ADDITIONAL REQUIREMENTS

Core Competencies Portfolio .................................. 4 items
FORUM ......................................................... 4 units
Health/Fitness (see footnote 5) .......................... 30 hours
Minimum Cumulative Average Overall .................. 2,000
All required THR courses .................. 2,000

Suggested Block for Completion

The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

FIRST SEMESTER 16 CREDITS

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>16 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>THR-101</td>
<td>Introduction to Theatre .......................... 3</td>
</tr>
<tr>
<td>THR-104</td>
<td>Acting I ........................................... 3</td>
</tr>
<tr>
<td>THR-106</td>
<td>Fundamentals of Theatre Design .................. 3</td>
</tr>
<tr>
<td>THR-205</td>
<td>Directing ............................................. 3</td>
</tr>
<tr>
<td>THR-111</td>
<td>History of Theatre I or ............................ 3</td>
</tr>
<tr>
<td>THR-112</td>
<td>History of Theatre II .................. .......................... 3</td>
</tr>
<tr>
<td>THR-206</td>
<td>Acting Styles .................................. 3</td>
</tr>
<tr>
<td>THR-233</td>
<td>Movement for Actors ................................ 3</td>
</tr>
<tr>
<td>THR</td>
<td>Dramatic Literature (see footnote 1) .............. 3</td>
</tr>
<tr>
<td>THR</td>
<td>Practicum (see footnote 2) ......................... 4</td>
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<tr>
<td>ENG</td>
<td>English Composition/Writing ...................... 3</td>
</tr>
<tr>
<td>THR-105</td>
<td>History (HI) ........................................... 3</td>
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SECOND SEMESTER 16 CREDITS

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<tbody>
<tr>
<td>THR-104</td>
<td>Acting I ........................................... 3</td>
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<tr>
<td>THR-199</td>
<td>Practicum .............................................. 1</td>
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<tr>
<td>THR-233</td>
<td>Movement for Actors ................................ 3</td>
</tr>
<tr>
<td>THR-102</td>
<td>History (HI) ........................................... 3</td>
</tr>
<tr>
<td>THR-103</td>
<td>Stagecraft II ........................................... 3</td>
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<tr>
<td>THR-105</td>
<td>Acting II ........................................... 3</td>
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<tr>
<td>THR-106</td>
<td>Fundamentals of Theatre Design .................. 3</td>
</tr>
<tr>
<td>THR-110</td>
<td>Acting for Television and Film .................. 3</td>
</tr>
<tr>
<td>THR-205</td>
<td>Directing ............................................. 3</td>
</tr>
<tr>
<td>THR-111</td>
<td>History of Theatre I or ............................ 3</td>
</tr>
<tr>
<td>THR-112</td>
<td>History of Theatre II .................. .......................... 3</td>
</tr>
<tr>
<td>THR-206</td>
<td>Acting Styles .................................. 3</td>
</tr>
<tr>
<td>THR-233</td>
<td>Movement for Actors ................................ 3</td>
</tr>
<tr>
<td>THR</td>
<td>Dramatic Literature (see footnote 1) .............. 3</td>
</tr>
<tr>
<td>THR</td>
<td>Practicum (see footnote 2) ......................... 4</td>
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<td>ENG</td>
<td>English Composition/Writing ...................... 3</td>
</tr>
<tr>
<td>THR-105</td>
<td>History (HI) ........................................... 3</td>
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</table>

THIRD SEMESTER 17 CREDITS

<table>
<thead>
<tr>
<th>PROGRAM</th>
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<tr>
<td>THR-206</td>
<td>Acting Styles .................................. 3</td>
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<td>THR-298</td>
<td>Practicum .............................................. 1</td>
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<tr>
<td>THR</td>
<td>History ............................................. 3</td>
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<tr>
<td>ENG</td>
<td>Literature ......................................... 3</td>
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<tr>
<td>ENG</td>
<td>Mathematics ....................................... 3</td>
</tr>
<tr>
<td>THR-102</td>
<td>Environmental Studies (see footnote 3) .......... 3</td>
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<tr>
<td>THR-214</td>
<td>Modern Dramatic Literature ...................... 3</td>
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<tr>
<td>THR</td>
<td>Practicum .............................................. 1</td>
</tr>
<tr>
<td>THR-105</td>
<td>History (HI) ........................................... 3</td>
</tr>
<tr>
<td>THR-214</td>
<td>Modern Dramatic Literature ...................... 3</td>
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<tr>
<td>THR</td>
<td>Practicum .............................................. 1</td>
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<tr>
<td>THR-105</td>
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</tr>
<tr>
<td>THR</td>
<td>Practicum .............................................. 1</td>
</tr>
</tbody>
</table>

FOOTNOTES

1. THR-214
2. THR-198, THR-199, THR-298 and THR-299
3. The Natural of Physical Science requirement must be fulfilled by one 4-credit laboratory science and one 3-credit non-laboratory science or by two 4-credit laboratory sciences. Completion of an environmentally focused laboratory science course, such as BIO-109, BIO-110, ENV-101, ENV-102, fulfills both the Natural/ Physical science requirement and the Environmental Studies requirement.
4. History courses must have “HI” designation.
5. THR-119 (Dance II) recommended.
Princeton and Kate Monster (Fine Arts students Devon Lennon and Sadie Clouser) sing in the BCC Players' 2016 performance of Avenue Q.
ASSOCIATE IN ARTS, FINE ARTS

VISUAL ARTS CONCENTRATION

Program Advisor: Lisa Griffith • 413-236-4712

This is a MassTransfer eligible program (see page 30).

Expected Outcomes

Graduates of this program should be able to:

- Demonstrate an understanding of the visual vocabulary of art forms and techniques;
- Demonstrate with confidence an ability to solve artistic problems during the process of creating art;
- Develop an artistic style that demonstrates creativity and the personality of the artist;
- Demonstrate an ability to articulate and write about art projects that they are executing; and
- Demonstrate a general knowledge of contemporary art history, both at a conceptual level and in the context of creating one’s own art work.

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>31 CREDITS</th>
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<tbody>
<tr>
<td>FAS-111 Drawing I ...........................................</td>
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<tr>
<td>FAS-120 Drawing II ...........................................</td>
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<tr>
<td>FAS-123 Two-Dimensional Design I ............................</td>
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<td>FAS-124 Three-Dimensional Design I ..........................</td>
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<td>FAS-163 Two-Dimensional Design II ............................</td>
<td>3</td>
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<tr>
<td>FAS-225 Figure Drawing or FAS-227 Figure Painting ........</td>
<td>3</td>
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<tr>
<td>FAS-233 Mixed Medium I .......................................</td>
<td>3</td>
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<tr>
<td>FAS-263 Mixed Medium II ......................................</td>
<td>4</td>
</tr>
<tr>
<td>FAS Specialized Electives (see footnote 1) .................</td>
<td>6</td>
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</tbody>
</table>

GENERAL EDUCATION 35 CREDITS

| COM Communication............................................. | 3 |
| ENG English Composition/Writing......................... | 6 |
| ENG Literature................................................ | 3 |
| FAS Art History (see footnote 2) ......................... | 3 |
| Behavioral and Social Sciences .................. | 3 |
| Environmental Studies (see footnote 3) ........ | 1 |
| History (HI) ................................................ | 6 |
| Mathematics ................................................. | 3 |
| Natural or Physical Science (see footnote 4) ...... | 7 |

ADDITIONAL REQUIREMENTS

Core Competencies Portfolio ................................ 4 items
FORUM ...................................................................... 4 units
Health/Fitness ......................................................... 30 hours
Minimum Cumulative Average Overall ................................ 2.000
All required FAS courses .................................. 2.000

Suggested Block for Completion

The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
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<td>FAS-111 Drawing I ...........................................</td>
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<tr>
<td>FAS-123 Two-Dimensional Design I ............................</td>
<td>3</td>
</tr>
<tr>
<td>FAS-124 Three-Dimensional Design I ..........................</td>
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<tr>
<td>ENG English Composition/Writing .........................</td>
<td>3</td>
</tr>
<tr>
<td>FAS Art History (see footnote 2) .........................</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>SECOND SEMESTER</th>
<th>18 CREDITS</th>
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</thead>
<tbody>
<tr>
<td>FAS-120 Drawing II ..........................................</td>
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<tr>
<td>FAS-163 Two-Dimensional Design II ..........................</td>
<td>3</td>
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<tr>
<td>FAS Specialized Elective (see footnote 1) ..............</td>
<td>3</td>
</tr>
<tr>
<td>ENG Communication...........................................</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition/Writing .........................</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics ..................................................</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>THIRD SEMESTER</th>
<th>17 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAS-233 Mixed Medium I .....................................</td>
<td>3</td>
</tr>
<tr>
<td>FAS Specialized Elective (see footnote 1) ..............</td>
<td>3</td>
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<tr>
<td>ENG Literature................................................</td>
<td>3</td>
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<tr>
<td>Environmental Studies (see footnote 3) ..................</td>
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<td>History (HI) ................................................</td>
<td>3</td>
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<tr>
<td>Natural or Physical Science (see footnote 3) ..........</td>
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<table>
<thead>
<tr>
<th>FOURTH SEMESTER</th>
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</tr>
</thead>
<tbody>
<tr>
<td>FAS-225 Figure Drawing or FAS-227 Figure Painting ......</td>
<td>3</td>
</tr>
<tr>
<td>FAS-263 Mixed Medium II ...................................</td>
<td>4</td>
</tr>
<tr>
<td>History (HI) ................................................</td>
<td>3</td>
</tr>
<tr>
<td>Natural or Physical Science (see footnote 3) ..........</td>
<td>3</td>
</tr>
</tbody>
</table>

FOOTNOTES

1. Specialized electives are a two course sequence that creates a focus for the capstone course, FAS-222. One of the following sequences must be chosen:
   - FAS-114 Landscape Painting and FAS-240 Intermediate Painting;
   - FAS-245 Watercolor Painting and FAS-246 Watercolor Painting II;
   - FAS-144 Digital Imagery and FAS-242 Digital Art.
3. History courses must have “H” designation.
4. The Natural or Physical Science requirement must be fulfilled by one 4-credit laboratory science and one 3-credit non-laboratory science or by two 4-credit laboratory sciences. Completion of an environmentally focused laboratory science course, such as BIO-109, BIO-110, ENV-101 and ENV-102, fulfills both the Natural/ Physical science requirement and the Environmental Studies requirement.

Salem No. 7
Antoni Milkowski (1935–2001) — American sculptor

This large sculpture consists of seven large rectangular prisms. Its scale and geometric steel contrast the expansive and open surroundings of BCC’s Main Campus. Salem No. 7 (1968) exemplifies Milkowski’s interest in geometry, minimalism, repetition, contrast and negative space.

The Salem No. 7 residing near the main entrance of the College is one of three editions. It provides an ever-changing experience when viewed at different times of the day, from new angles and throughout the changing seasons.
ASSOCIATE IN SCIENCE
FIRE SCIENCE

Program Advisor: Kelly Kemp • 413-236-4507

The Fire Science program focuses on fire prevention and fire protection principles and techniques. Students also take general education courses, including human behavior and written and oral communication. Completely redesigned and improved, with all FIS-designated coursework aligned with FESHE Standards, the program covers material on the most recent developments in the field and provides excellent preparation for those who work in occupations such as fire protection or insurance underwriting.

Expected Outcomes

Graduates of this program should be able to:

- Explain the history and basic principles of the fire service including the supervision and management necessary for leadership and administration in the fire service;
- Provide an in-depth analysis of the principles of fire control through the utilization of personnel, equipment and extinguishing agents on the fire ground;
- Demonstrate an understanding of the principles of fire development, prevention, investigation and cause;
- Apply theoretical knowledge of hydraulic principles to solving water supply problems for fire protection;
- Demonstrate effective communication and interpersonal skills with supervisors, peers and the public;
- Use knowledge of building construction principles, fire protection systems and fire prevention codes to affect safer occupancies; and
- Identify hazardous materials, hazardous properties and successful emergency scene operations.

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-102 Fundamentals of Computer Literacy</td>
<td>4</td>
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<tr>
<td>FIS-101 Principles of Emergency Services</td>
<td>3</td>
</tr>
<tr>
<td>FIS-106 Fire Behavior and Combustion</td>
<td>3</td>
</tr>
<tr>
<td>FIS-123 Building Construction</td>
<td>3</td>
</tr>
<tr>
<td>FIS-128 Protection Systems</td>
<td>3</td>
</tr>
<tr>
<td>FIS-145 Fire Prevention</td>
<td>4</td>
</tr>
<tr>
<td>FIS-221 Principles of Fire and Emergency Services, Safety and Survival</td>
<td>3</td>
</tr>
<tr>
<td>FIS Professional Electives (see footnote 1)</td>
<td>12</td>
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<tr>
<td>PHY-111 Ideas of Physics (see footnote 2)</td>
<td>3</td>
</tr>
<tr>
<td>SOC-105 Introductory Sociology</td>
<td>3</td>
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</table>

GENERAL EDUCATION

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>CHM-150 Essentials of Chemistry (see footnote 2)</td>
<td>3</td>
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<tr>
<td>COM Communication</td>
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<tr>
<td>ENG English Composition/Writing</td>
<td>6</td>
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<tr>
<td>MAT Mathematics (see footnote 3)</td>
<td>3</td>
</tr>
<tr>
<td>PSY-107 Introductory Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Humanities and Fine Arts</td>
<td>3</td>
</tr>
</tbody>
</table>

ADDITIONAL REQUIREMENTS

Core Competencies Portfolio | 4 items |
FORUM | 4 units |
Health/Fitness | 30 hours |
Minimum Cumulative Average
Overall | 2.000 |
All required FIS courses | 2.000 |

FOOTNOTES

1. Professional Electives: any FIS elective or SPA-131, Spanish For the Workplace.
2. CHM-101, Introductory Chemistry I, may be substituted for CHM-150; PHY-101, College Physics I, may be substituted for PHY-111.
3. MAT-101, Applied Contemporary Mathematics, or any course with the “MA” General Education designation.

Suggested Block for Completion

The actual time needed to complete the program will vary according to each student’s individual needs.

<table>
<thead>
<tr>
<th>COURSE</th>
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<tbody>
<tr>
<td>Pre-college English courses</td>
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<tr>
<td>CHM-150 Essentials of Chemistry</td>
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<tr>
<td>FIS-101 Principles of Emergency Services</td>
</tr>
<tr>
<td>FIS-106 Fire Behavior and Combustion</td>
</tr>
<tr>
<td>FIS-123 Building Construction (Prerequisite PHY-111 and FIS-101)</td>
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<tr>
<td>FIS-127 Fire Protection Hydraulics and Water Supply</td>
</tr>
<tr>
<td>FIS-128 Protection Systems</td>
</tr>
<tr>
<td>FIS-129 Emergency Incident Management</td>
</tr>
<tr>
<td>FIS-145 Fire Prevention</td>
</tr>
<tr>
<td>FIS-201 Hazardous Materials Chemistry (Prerequisite CHM-150)</td>
</tr>
<tr>
<td>FIS-205 Legal Aspects of Emergency Services</td>
</tr>
<tr>
<td>FIS-206 Fire Investigation I</td>
</tr>
<tr>
<td>FIS-210 Principles of Fire and Emergency Service Administration</td>
</tr>
<tr>
<td>FIS-221 Principles of Fire and Emergency Services, Safety and Survival</td>
</tr>
</tbody>
</table>

“BCC has instilled in me a true passion for academics, and has set me on what I hope will be a lifelong path in pursuit of knowledge. I thoroughly enjoyed my time here. It was a wonderful experience.”

Amanda Belanger
Class of 2013
PROGRAMS OF STUDY  Hospitality

CERTIFICATE, HOSPITALITY
CULINARY ARTS

Program Advisor: Carlton Maaia • 413-236-4606

The Culinary Arts one-year, 28-credit certificate program prepares students for responsible positions in food production. In the college’s cooking laboratory, students learn food preparation, plate presentation, buffet and banquet techniques for small and large groups. Sanitation, nutrition, baking principles, food service and controls used in managing a professional kitchen are studied. Students also apply their skills with a supervised work experience; this normally takes place during the summer after the course work is completed. Career paths and a study of the hospitality industry are also covered.

This is a GPSTEM program (see page 38).

Expected Outcomes
Graduates of this program should be able to:
• Demonstrate proficiency in knife skills;
• Describe the five mother sauces;
• Follow a recipe;
• Increase and reduce a recipe for variously-sized parties;
• Construct a balanced and nutritional meal;
• Gain knowledge of breakfast cookery;
• Demonstrate an understanding of food cost and food cost control;
• Demonstrate an understanding of labor cost and labor cost control;
• Gain an understanding of the principles of baking;
• Gain an understanding of the principles of garde manger and pantry;
• Gain knowledge of the basics of cooking with wine;
• Demonstrate proficiency in food preparation;
• Demonstrate proficiency in plate presentation;
• Gain knowledge of food sanitation and safety;
• Gain knowledge of food allergy awareness; and
• Possess the knowledge and skills to transition into hospitality administration career associate degree.

Graduation Requirements
To earn a certificate in this program, a student must complete all program credits, plus the following additional requirements.

Program

PROGRAM  28 CREDITS
BUS-105 Business Mathematics ...........................................3
CUL-101 Food Preparation I.................................................2
CUL-102 Food Preparation II..............................................2
CUL-103 Kitchen Management .............................................3
CUL-104 Baking.................................................................3
CUL-105 Garde Manger and Pantry ......................................3
HSP-108 Wine Appreciation ..............................................1
HSP-112 Applied Food Service Sanitation .........................2
HSP-115 Food Service Management ..................................3
HSP-118 Dining Room Management ..................................3
HSP-285 Cooperative Education I....................................3

ADDITIONAL REQUIREMENTS
Demonstrated college-level skills in reading and writing
Minimum Cumulative Average
Overall..........................................................2.000
Program requirements..........................................2.000

Suggested Block for Completion
The following is a suggestion for completing this program in one year. The actual time to complete the program may vary according to each student’s individual needs.

Course numbers in BOLD indicate milestone courses. They are critical for program success and should be taken in the order shown.

FIRST SEMESTER  13 CREDITS
BUS-105  Business Mathematics ...........................................3
CUL-101  Food Preparation I.................................................2
CUL-102  Food Preparation II..............................................2
CUL-104  Baking.................................................................3
HSP-112  Applied Food Service Sanitation .........................2
SECOND SEMESTER  15 CREDITS
CUL-103  Kitchen Management .............................................3
CUL-105  Garde Manger and Pantry ......................................3
HSP-115  Food Service Management ..................................3
HSP-118  Dining Room Management ..................................3
HSP-285  Cooperative Education I....................................3
PROGRAMS OF STUDY  Hospitality

CERTIFICATE, HOSPITALITY

LODGING MANAGEMENT

Program Advisor: Carlton Maia • 413-236-4606

The Lodging Management Certificate is a one-year, 29 credit program that prepares students for entry-level positions in bed and breakfasts, inns, hotels and resorts. The program is designed to provide students with a basic understanding of the hospitality field, personnel and supervision principles as well as foundations of budgeting, accounting and revenue management. In addition to standard coursework, students complete an external cooperative learning experience in a lodging field that meets their specific career interests and professional goals. Students successfully completing this program can apply credits earned toward completion of the Hospitality Administration associate degree program.

This is a GPSTEM program (see page 38).

Expected Outcomes

Graduates of this program should be able to:

• Demonstrate an understanding of the process of checking in and checking out as a guest;
• Understand the various departments in the formal structure of a hotel;
• Demonstrate the importance of hotel security for guests as well as employees;
• Understand the fluctuation of rates for property during peak and slow seasons;
• Gain knowledge of resort spa operations;
• Understand the meaning of PAR revenue;
• Understand the concept of the front desk as the hub of the interactions of all hotel departments;
• Possess a working knowledge of all hotel departments; and
• Possess the knowledge and skills to transition into hospitality administration career associate degree.

Graduation Requirements

To earn a certificate in this program, a student must complete all program credits, plus the following additional requirements.

Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>BUS-111 Principles of Accounting I</td>
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<tr>
<td>COM-105 Intro Oral Communication</td>
<td>3</td>
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<tr>
<td>ENG-101 Composition I</td>
<td>3</td>
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<tr>
<td>HSP-101 Introduction to Hospitality</td>
<td>3</td>
</tr>
<tr>
<td>HSP-105 Hospitality Law</td>
<td>3</td>
</tr>
<tr>
<td>HSP-117 Hotel Management</td>
<td>3</td>
</tr>
<tr>
<td>HSP-125 Hospitality Management</td>
<td>3</td>
</tr>
<tr>
<td>HSP-133 Introduction to Spa Management</td>
<td>3</td>
</tr>
<tr>
<td>HSP-218 Lodging Revenue Management</td>
<td>3</td>
</tr>
<tr>
<td>HSP-285 Cooperative Education I</td>
<td>2</td>
</tr>
</tbody>
</table>

Additional Requirements

Demonstrated college-level skills in reading and writing

Minimum Cumulative Average

Overall ........................................ 2.000
Program requirements ........................... 2.000

Suggested Block for Completion

The following is a suggestion for completing this program in one year. The actual time to complete the program may vary according to each student’s individual needs.

Course numbers in BOLD indicate milestone courses. They are critical for program success and should be taken in the order shown.

First Semester  15 Credits

<table>
<thead>
<tr>
<th>Course</th>
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<td>ENG-101 Composition I</td>
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<td>HSP-101 Introduction to Hospitality</td>
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<tr>
<td>HSP-105 Hospitality Law</td>
<td>3</td>
</tr>
<tr>
<td>HSP-117 Hotel Management</td>
<td>3</td>
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Second Semester  14 Credits

<table>
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<th>Credits</th>
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<tr>
<td>COM-105 Intro Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>HSP-125 Hospitality Management</td>
<td>3</td>
</tr>
<tr>
<td>HSP-133 Introduction to Spa Management</td>
<td>3</td>
</tr>
<tr>
<td>HSP-218 Lodging Revenue Management</td>
<td>3</td>
</tr>
<tr>
<td>HSP-285 Cooperative Education I</td>
<td>2</td>
</tr>
</tbody>
</table>

BCC’s Culinary and Lodging Certificates — the first step to a career in Hospitality

Berkshire Community College’s Hospitality Program offers students options in certificate and degree programs. By starting in an Culinary or Lodging Certificate program, students can attain the skills needed to enter the workforce.

The credits earned in the certificate program apply to the Associate’s Degree in Hospitality Administration—Career option. This two-step approach allows students to receive training, enter the workforce and continue their education, allowing them to pursue higher paying jobs with greater responsibility.

For students who plan to pursue a Bachelor’s Degree, the Associate’s Degree in Hospitality Administration—Transfer Option gives students the foundation they need to transfer to a 4-year institution. Learn more about stackable degrees and BCC’s Guided Pathways to Success in STEM (GPSTEM) on page 38 and at www.berkshirecc.edu/gpstem.

ASHLEE ZANCONATO (pictured)

Berkshire Community College
2010 Certificate in Culinary Arts
2011 Associate of Science in Hospitality Administration

MCLA
2012 Bachelor of Science in Business Administration
2015 Master of Business Administration
## Programs of Study

### Hospitality

#### Associate in Science

**Hospitality Administration — Career Option**

**Program Advisor:** Carlton Maia • 413-236-4606

The Hospitality Administration program is a field of study with the purpose of preparing people with the expertise, commitment and skills for management and operations positions in the expanding industry that provides food, accommodations, and travel and tourism services. Students majoring in Hospitality Administration may elect a concentration in Culinary Arts Management or Food & Beverage Management, or choose from a blend of professional electives. To draw the links between theory taught in the classroom with practice observed in the field, a cooperative education experience in the hospitality industry is required.

A wide variety of jobs and career opportunities exist within the field. Such opportunities exist in restaurants, lodging establishments, contract food services, hospital and school food service, clubs, fast food franchises, airlines and travel agencies. This option is not designed to transfer to baccalaureate institutions.

### Expected Outcomes

Graduates of this program should be able to:

- Apply their knowledge regarding the hospitality industry to whatever entry-level career track within the food service or lodging industry;
- Demonstrate the unique professional requirements for a successful career in the hospitality industry;
- Apply their understanding of business practice with cost effectiveness and control strategies;
- Demonstrate best practices in the operation of foodservice and hospitality organizations to meet customer expectations;
- Communicate effectively using written, oral and nonverbal techniques;
- Make decisions based on integrating knowledge of functional areas for managing foodservice and hospitality organizations;
- Demonstrate leadership and professional behaviors;
- Work in teams and recognize the meaning of mutual responsibility so they are prepared to join the diverse workforce of the hospitality industry; and
- Obtain food protection manager certification (e.g. ServSafe®).

### Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

#### Program

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>40 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS-111</td>
<td>Principles of Accounting I</td>
</tr>
<tr>
<td>BUS-208</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>GIS-102</td>
<td>Fundamental Computer Literacy</td>
</tr>
<tr>
<td>HSP-101</td>
<td>Introduction to Hospitality</td>
</tr>
<tr>
<td>HSP-105</td>
<td>Hospitality Law</td>
</tr>
<tr>
<td>HSP-125</td>
<td>Hospitality Management</td>
</tr>
<tr>
<td>HSP-237</td>
<td>Hospitality Seminar</td>
</tr>
<tr>
<td>HSP-285</td>
<td>Cooperative Education I</td>
</tr>
</tbody>
</table>

#### General Education

<table>
<thead>
<tr>
<th>CREDITS</th>
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</thead>
<tbody>
<tr>
<td>COM</td>
<td>Communication</td>
</tr>
<tr>
<td>ECO-211</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>ENG</td>
<td>English Composition/Writing</td>
</tr>
<tr>
<td>BUS-105</td>
<td>Business Mathematics OR</td>
</tr>
<tr>
<td>MAT</td>
<td>Mathematics (see footnote 1)</td>
</tr>
<tr>
<td>MAT</td>
<td>General Education Electives (see footnote 2)</td>
</tr>
</tbody>
</table>

#### Additional Requirements

<table>
<thead>
<tr>
<th>ITEMS</th>
<th>4</th>
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<tbody>
<tr>
<td>Core Competencies Portfolio</td>
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<tr>
<td>FORUM</td>
<td>Items</td>
</tr>
<tr>
<td>Health/Fitness</td>
<td>30 hours</td>
</tr>
<tr>
<td>Minimum Cumulative Average</td>
<td>2,000</td>
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<tr>
<td>Overall</td>
<td>2,000</td>
</tr>
<tr>
<td>Program requirements</td>
<td>2,000</td>
</tr>
<tr>
<td>Professional concentration/electives (see options below)</td>
<td>2,000</td>
</tr>
</tbody>
</table>

### Suggested Block for Completion

The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

#### First Semester

<table>
<thead>
<tr>
<th>CREDITS</th>
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</tr>
</thead>
<tbody>
<tr>
<td>HSP-101</td>
<td>Introduction to Hospitality</td>
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<tr>
<td>HSP-105</td>
<td>Hospitality Law</td>
</tr>
<tr>
<td>ENG</td>
<td>English Composition/Writing</td>
</tr>
<tr>
<td>BUS-105</td>
<td>Business Mathematics</td>
</tr>
<tr>
<td>MAT</td>
<td>Mathematics (see footnote 1)</td>
</tr>
</tbody>
</table>

#### Second Semester

<table>
<thead>
<tr>
<th>CREDITS</th>
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</thead>
<tbody>
<tr>
<td>HSP-125</td>
<td>Hospitality Management</td>
</tr>
<tr>
<td>COM</td>
<td>Communication</td>
</tr>
<tr>
<td>ENG</td>
<td>English Composition/Writing</td>
</tr>
</tbody>
</table>

### Third Semester

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSP-285</td>
<td>Cooperative Education I</td>
</tr>
<tr>
<td>BUS-111</td>
<td>Principles of Accounting I</td>
</tr>
<tr>
<td>BUS-208</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>CIS-102</td>
<td>Fundamental Computer Literacy</td>
</tr>
</tbody>
</table>

### Fourth Semester

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSP-237</td>
<td>Hospitality Seminar</td>
</tr>
<tr>
<td>HSP-285</td>
<td>Cooperative Education I</td>
</tr>
<tr>
<td>ECO-211</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>BUS-105</td>
<td>Business Mathematics</td>
</tr>
<tr>
<td>MAT</td>
<td>Mathematics</td>
</tr>
<tr>
<td>HSP-112</td>
<td>Applied Food Service Sanitation</td>
</tr>
</tbody>
</table>

### Options for Hospitality Electives

The professional concentration/electives, shown below, should be chosen in consultation with the student’s advisor and should be consistent with career goals:

#### Culinary Arts Management Concentration

<table>
<thead>
<tr>
<th>15 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUL-101</td>
</tr>
<tr>
<td>CUL-102</td>
</tr>
<tr>
<td>CUL-103</td>
</tr>
<tr>
<td>CUL-104</td>
</tr>
<tr>
<td>CUL-105</td>
</tr>
<tr>
<td>HSP-112</td>
</tr>
</tbody>
</table>

#### Food & Beverage Management Concentration

<table>
<thead>
<tr>
<th>15 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUL-101</td>
</tr>
<tr>
<td>CUL-102</td>
</tr>
<tr>
<td>HSP-108</td>
</tr>
<tr>
<td>HSP-109</td>
</tr>
<tr>
<td>HSP-112</td>
</tr>
<tr>
<td>HSP-115</td>
</tr>
<tr>
<td>HSP-118</td>
</tr>
</tbody>
</table>

Students may also choose 15 credits of professional electives of their choice and are not restricted to a program concentration. Up to six credits may be awarded for students fulfilling program requirements of Tech Prep.

### Footnotes

1. Any MAT course with the “MA” General Education designation.
2. General Education Electives to be chosen from two of the following: History, Humanities and Fine Arts; Natural or Physical Science; or Environmental Studies.

### Note

HSP-117, Hotel Management, is highly recommended for a professional concentration/elective.
ASSOCIATE IN SCIENCE

HOSPITALITY ADMINISTRATION — TRANSFER OPTION

Program Advisor: Carlton Maia • 413-236-4606

The Hospitality Administration program provides students with a strong course foundation in hospitality management, business, sciences and liberal arts. These courses prepare students for transfer to a baccalaureate institution. In addition, the program provides a wide educational background in many disciplines that are required to fulfill management positions in the challenging field of hospitality administration.

This is a MassTransfer eligible program (see page 30).

This is a GPSTEM program (see page 38).

Expected Outcomes

Graduates of this program should be able to:

- Apply their knowledge regarding the hospitality industry to whatever entry-level career track within the food service or lodging industry;
- Demonstrate the unique professional requirements for a successful career in the hospitality industry;
- Apply their understanding of business practice with cost effectiveness and control strategies;
- Demonstrate best practices in the operation of foodservice and hospitality organizations to meet customer expectations;
- Communicate effectively using written, oral and nonverbal techniques;
- Make decisions based on integrating knowledge of functional areas for managing foodservice and hospitality organizations;
- Demonstrate leadership and professional behaviors;
- Work in teams and recognize the meaning of mutual responsibility so they are prepared to join the diverse workforce of the hospitality industry; and
- Obtain food protection manager certification (e.g. ServSafe®).

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>29 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS-111 Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>BUS-112 Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BUS-208 Principles of Marketing (see footnote 1)</td>
<td>3</td>
</tr>
<tr>
<td>BUS-220 Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ECO-211 Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>HIS-101 Introduction to Hospitality</td>
<td>3</td>
</tr>
<tr>
<td>HIS-105 Hospitality Law</td>
<td>3</td>
</tr>
<tr>
<td>HIS-115 Food Service Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS-102 Fundamental Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>Hospitality Elective (see footnote 2)</td>
<td>2</td>
</tr>
</tbody>
</table>

GENERAL EDUCATION

| 32 CREDITS |
| COM Communication | 3 |
| ECO-212 Principles of Macroeconomics | 3 |
| ENG English Composition/Writing | 6 |
| HIS History | 3 |
| MAT-123 Elementary Statistics | 3 |
| Humanities (see footnote 3) | 6 |
| Natural or Physical Science (see footnote 4) | 8 |

ADDITIONAL REQUIREMENTS

- Core Competencies Portfolio: 4 items
- FORUM: 4 items
- Minimum Cumulative Average: 2,000
- Program requirements: 2,000

Suggested Block for Completion

The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

Course numbers in **BOLD** indicate milestone courses. They are critical for program success and should be taken in the order shown.

| FIRST SEMESTER | 15 CREDITS |
| BUS-101 Introduction to Hospitality | 3 |
| ENG English Composition/Writing | 3 |
| MAT-123 Elementary Statistics | 3 |
| **BUS-111** Principles of Accounting I | 3 |
| CIS-102 Fundamental Computer Literacy | 3 |

| SECOND SEMESTER | 15 CREDITS |
| BUS-112 Principles of Accounting II | 3 |
| COM Communication | 3 |
| ENG English Composition/Writing | 3 |
| HIS History | 3 |
| Humanities (see footnote 3) | 3 |

| THIRD SEMESTER | 15 CREDITS |
| BUS-220 Managerial Accounting | 3 |
| ECO-211 Principles of Microeconomics | 3 |
| **HSP-105** Hospitality Law | 3 |
| Hospitality Elective (see footnote 2) | 2 |
| Natural or Physical Science (see footnote 4) | 4 |

| FOURTH SEMESTER | 16 CREDITS |
| BUS-208 Principles of Marketing (see footnote 1) | 3 |
| HSP-115 Food Service Management | 3 |
| ECO-212 Principles of Microeconomics | 3 |
| Humanities | 3 |
| Natural or Physical Science | 4 |

FOOTNOTES

1. BUS-107 is a prerequisite for BUS-108. It is recommended that BUS-107 be taken during the second semester.
2. HSP-117 Hotel Management is recommended.
3. Spanish is recommended for one course to fulfill one Humanities requirement.
4. Natural or Physical Science requirement must be fulfilled with two 4-credit laboratory science courses.
PROGRAMS OF STUDY Human Services

CERTIFICATE HUMAN SERVICES

Program Advisor: Kari Dupuis, PhD, LICSW • 413-236-4506

The Human Services certificate program teaches basic generalist human services skills and ethics, and also provides a foundation in the social services. This certificate will increase a student’s opportunities for employment and advancement in human service work.

All courses required for the certificate also meet requirements for the Human Services A.S. degree. A student who earns the Certificate will also have completed approximately half the credits required for the Human Services A.S. degree.

Start Your Career in Human Services

The 29-credit Human Services certificate program prepares graduates for careers in social services and other community organizations. The certificate is a great way for students to begin their education to determine if human services is a field for them.

The courses required for the certificate program emphasize human service methods and community resources. Students are able to practice group work in a controlled classroom environment and have real world experience in the field work practicum and seminar courses. The practicum is supervised and students have the opportunity to interact with clients in particular agencies. Working with the program faculty, students are matched to agencies based on their skills and interests.

Essential Functions

Berkshire Community College seeks to provide equal access to its programs, services and activities for people with disabilities. Therefore, to the extent practicable, the College will endeavor to make a reasonable academic adjustment for an applicant with a disability who is otherwise qualified.

The Essential Functions of a student enrolled in the Human Services A.S. and certificate programs requires that the student, with or without reasonable accommodations, must be able to:

• Demonstrate appropriate conduct, as defined by BCC’s student Code of Conduct and the BCC publication Civility in the Classroom: A Student Guide, while on campus, off campus when engaging in a BCC assignment or activity, and at field work placements;
• Demonstrate the capacity to understand and implement professional ethics by adhering to the code: “Ethical Standards of Human Service Professionals.” This code is printed in the program’s publication Field Work in Human Services: Policies and Procedures;
• Demonstrate academic mastery of course content pre-requisite to entry into field work courses by earning specified grades in these courses;
• Demonstrate the ability to form helping relationships with clients by exhibiting appropriate interaction, which includes appropriate eye contact, appropriate and professional verbal interaction, and respect for personal boundaries;
• Demonstrate the ability to understand and respect persons from diverse populations;
• Demonstrate the ability to focus consistently on the needs of the client and the subject being discussed;
• Demonstrate professional responsibility concerning attendance, punctuality and work deadlines;
• Demonstrate the ability to comprehend and follow verbal and written instructions;
• Demonstrate the ability to accept and use supervision, suggestions and constructive criticism of one’s work;
• Demonstrate the ability to effectively participate in a small group e.g., college seminar or an agency staff meeting. Participation includes both respectful listening and making appropriate contributions; and
• Demonstrate the ability to write in a manner which indicate the ability to provide appropriate documentation in agency records, using brief focused statements, accurate English and legible handwriting or sufficient skills to use a computer for documentation.

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-101 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>HSV-111 Human Service Methods</td>
<td>3</td>
</tr>
<tr>
<td>HSV-135 Intro to Community Resources</td>
<td>3</td>
</tr>
<tr>
<td>HSV-151 Field Work Seminar I</td>
<td>1</td>
</tr>
<tr>
<td>HSV-161 Field Work Practicum</td>
<td>2</td>
</tr>
<tr>
<td>HSV-280 Specialized Elective (see footnote 1)</td>
<td>5</td>
</tr>
<tr>
<td>PSY-107 Introductory Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY-204 Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>SOC-105 Introductory Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

ADDITIONAL REQUIREMENTS

Demonstrated college-level skills in reading and writing
Minimum Cumulative Average Overall........................................ 2.000
Program requirements.................................................. 2.000

Suggested Block for Completion

The following is a suggestion for completing this program in one year. The actual time needed to complete the program may vary according to each student’s individual needs.

FIRST SEMESTER 14 CREDITS

| ENG-101 Composition I | 3 |
| HSV-111 Human Service Methods | 3 |
| HSV-151 Field Work Seminar I | 1 |
| HSV-161 Field Work Practicum | 2 |
| HSV-280 Group and Professional Development | 3 |

SECOND SEMESTER 15 CREDITS

| HSV-111 Human Service Methods | 3 |
| HSV-151 Field Work Seminar I | 1 |
| HSV-161 Field Work Practicum | 2 |
| HSV-280 Group and Professional Development | 3 |
| Two additional courses to be chosen in consultation with the Human Services program advisor | 6 |

FOOTNOTE

1. Specialized Electives should be chosen with consultation from the Human Services program advisor. The Advisor will help the student select the Specialized Electives most appropriate for the student’s educational and career goals.

NOTE

CORI✓ Any prior criminal offense could hinder placement in fieldwork agencies. See Criminal & Sex Offender Record Information Checks on page 13.
ASSOCIATE IN SCIENCE, HUMAN SERVICES
SOCIAL WORK TRANSFER

Program Advisor: Kari Dupuis, PhD, LICSW • 413-236-4506

Students acquire the skills, values, ethics and internship experiences necessary to transfer successfully into a Bachelor of Social Work program. BCC Human Services graduates regularly gain admission to excellent Bachelor of Social Work programs and perform outstanding work in these programs. Students who attend college full-time are usually able to earn a BCC associate degree in two years and a Bachelor of Social Work degree in two additional years. A Masters in Social Work (MSW) degree, providing access to the Licensed Independent Clinical Social Worker (LICSW) level of social work practice, can be attained in one to one-and-one-half years after earning the Bachelor of Social Work degree.

Students who plan to transfer to a Bachelor of Social Work program should consult with the Human Services program advisor.

Essential Functions
See Essential Functions for the Certificate in Human Services on page 95.

Expected Outcomes
Graduates of this program should be able to:
• Succeed as transfer students in an accredited Bachelor of Social Work program;
• Demonstrate a commitment to the well-being and quality of life of the clients being served;
• Know and follow the Human Services Code of Ethics;
• Know and use beginning level skills, including conducting strengths-based assessments;
• Make effective referrals and develop helping relationships with individuals and families;
• Provide relationship-based counseling;
• Facilitate a group;
• Understand and appreciate diversity; and
• Document appropriately in agency records.

Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>34 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSV-111</td>
<td>3</td>
</tr>
<tr>
<td>HSV-135</td>
<td>3</td>
</tr>
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<td>HSV-280</td>
<td>3</td>
</tr>
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<td>HSW</td>
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<td>PSY-107</td>
<td>3</td>
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<tr>
<td>PSY-204</td>
<td>3</td>
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<td>PSY-208</td>
<td>3</td>
</tr>
<tr>
<td>SOC-105</td>
<td>3</td>
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</tbody>
</table>

GENERAL EDUCATION 28 CREDITS

| BIO-105 | Fundamentals of Biology | 4 |
| COM     | Communication           | 3 |
| ENG     | English Composition/Writing | 6 |
|         | General Electives (see footnote 3) | 12 |
|         | Mathematics (see footnote 1) | 3 |

ADDITIONAL REQUIREMENTS

Core Competencies Portfolio .................................................. 4 items
FORUM .................................................................................. 4 units
Health/Fitness ........................................................................ 30 hours
Minimum Cumulative Average
Overall .................................................................................. 2.000
All required HSV courses, PSY-107 and SOC-105 .................. 2.000

Suggested Block for Completion
The following is a suggestion for completing this program in two years. The actual time needed to complete the program may vary according to each student’s individual needs.

FIRST SEMESTER 15 CREDITS

| HSV-135 | Intro to Community Resources | 3 |
| PSY-107 | Introduction to Psychology  | 3 |
| SOC-105 | Introductory Sociology      | 3 |
| COM     | Communication               | 3 |
| ENG     | English Composition/Writing | 3 |

SECOND SEMESTER 15 CREDITS

| HSV-111 | Human Service Methods       | 3 |
| HSV-151 | Field Work Seminar I        | 1 |
| HSV-161 | Field Work Practicum I      | 2 |
| PSY-204 | Human and Growth Development| 3 |
| ENG     | English Composition/Writing | 3 |
|         | General Electives           | 3 |

THIRD SEMESTER 16 CREDITS

| HSV-252 | Field Work Seminar II       | 1 |
| HSV-262 | Field Practicum II          | 3 |
| PSY-208 | Interviewing and Counseling | 3 |
|         | General Education Electives (see footnote 3) | 6 |
|         | Mathematics (see footnote 1) | 3 |

FOURTH SEMESTER 16 CREDITS

| BIO-105 | Fundamentals of Biology     | 4 |
|         | General Education Elective  | 3 |
| HSV-280 | Group and Professional Development | 3 |
|         | Specialized Elective (see footnote 2) | 3 |
| SOC-216 | Racial and Ethnic Minorities | 3 |

FOOTNOTES

1. Usually MAT-101, Applied Contemporary Mathematics, or any course with the “MA” General Education designation. Consult with the Human Services program advisor before selecting a math course.

2. To ensure the transferability of the Specialized Elective, a student must consult with the Human Services program advisor before selecting a Specialized Elective. The Specialized Elective chosen should be approved by the Human Services program advisor.

3. General Education Electives chosen from two or more of the following: History, Humanities and Fine Arts, Natural or Physical Science, Environmental Studies. In order to meet both BCC graduation requirements and the graduation requirements of the BSW transfer program, a student should consult with the Human Services program advisor before selecting specific courses to fulfill this requirement.

NOTE

CORI Any prior criminal offense could hinder placement in fieldwork agencies. See Criminal & Sex Offender Record Information Checks on page 13.
ASSOCIATE IN ARTS

PROGRAMS OF STUDY

LIBERAL ARTS

Program Advisor: Maura Delaney • 413-236-4684

The Liberal Arts program closely parallels freshmen and sophomores studies at colleges offering liberal arts baccalaureate degrees. Graduates of this program regularly transfer with junior status and have gone to some of the most prestigious colleges in the country.

This program is suited to students who are not yet certain of their future majors, as it allows them to make academic and career decisions after taking a wide sampling of courses. The program’s flexibility also permits students who have already chosen a transfer college to select courses which fit the transfer requirements of their future institutions.

Through BCC’s system of academic advising, “pre-majors” such as education, history and psychology may be pursued by careful course selection. Related majors at the baccalaureate level include anthropology, area studies, behavioral and social sciences, communications, economics, education, English, foreign languages, general studies, liberal arts, geography, geology, history, linguistics, mathematics, media, music, nursing, peace studies, philosophy, physical education, physics, psychology, radio and television, science and theatre arts.

This is a MassTransfer eligible program (see page 30).

Expected Outcomes

Graduates of this program should be able to demonstrate competency as measured by the BCC general education core competencies.

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>27 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG</td>
<td>Literature........................................6</td>
</tr>
<tr>
<td></td>
<td>Free Electives ....................................21</td>
</tr>
<tr>
<td>COM</td>
<td>Communication .......................................3</td>
</tr>
<tr>
<td>ENG</td>
<td>English Composition/ Writing ....................3</td>
</tr>
<tr>
<td>HIS-113</td>
<td>Western Civilization to 1500 or ................6</td>
</tr>
<tr>
<td>HIS-121</td>
<td>World History to 1500 ................................3</td>
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<td>HIS-114</td>
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<tr>
<td>HIS-122</td>
<td>World History Since 1500 ............................3</td>
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<td>Humanities and Fine Arts ..........................3</td>
</tr>
<tr>
<td></td>
<td>Natural or Physical Science (see footnote 1) .......7</td>
</tr>
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</table>

ADDITIONAL REQUIREMENTS

Core Competencies Portfolio .....................................4 items
FORUM, .........................................................................4 units
Health/Fitness ..........................................................30 hours
Minimum Cumulative Average Overall ...........................2,000

Suggested Block for Completion

The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
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<tr>
<td>ENG</td>
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<td>Western Civilization to 1500 or ................6</td>
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<tr>
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<tr>
<td>MAT</td>
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<tr>
<td>HIS-114</td>
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<tr>
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<tr>
<td>Environmental Studies (see footnote 1) .....................1</td>
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FOOTNOTE

1. The Natural or Physical Science requirement must be fulfilled by one four-credit laboratory science and one three-credit non-laboratory science or by two four-credit laboratory sciences. Completion of an environmentally focused laboratory science, such as BIO-109, BIO-110, ENV-101, ENV-102, fulfills both the Natural or Physical Science and the Environmental Studies requirements.
Expected Outcomes
Graduates of this program should be able to:

- Understand the composition, structure and fundamental physical principles of the behavior of the atmosphere;
- Utilize mathematical and physical principles to explain atmospheric behavior, including thermodynamics and atmospheric circulation;
- Demonstrate an understanding of the formation and behavior of meteorological phenomena such as jet streams, cyclones, clouds and precipitation;
- Demonstrate an ability to understand the methods utilized in weather forecasting;
- Possess a rudimentary ability to produce a public weather forecast;
- Develop an understanding of the basic codes (METAR, weather balloon/skew-T, etc.) utilized in meteorology to store and present weather data and an ability to decode and understand this data;
- Be able to apply learned knowledge of the hydrological and carbon dioxide cycles to meteorological and climate behavior and issues;
- Understand the physical basis of earth’s climate and climate change as manifested through the recent abrupt warming of earth’s climate system;
- Understand the formation and behavior of extreme weather events such as hurricanes, tornadoes, floods and drought; and
- Have knowledge of possible impacts of global warming on extreme weather events and the physical basis for these impacts.

Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

See below for information about the University of Albany Transfer Option.

Suggested Block for Completion
The following is a suggestion for completing this program in two years. The actual time to complete the program may vary according to each student’s individual needs.

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<thead>
<tr>
<th>PROGRAM</th>
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<td>ATM-145 Introduction to Meteorology</td>
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<tr>
<td>ATM-209 Weather Workshop</td>
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<tr>
<td>ATM-210 Atmospheric Structure, Thermodynamics and Circulation</td>
<td>3</td>
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<td>ATM-211 Weather Analysis and Forecasting</td>
<td>4</td>
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<tr>
<td>CHM-101 Introductory Chemistry I</td>
<td>4</td>
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<tr>
<td>ENM-151 Engineering Calculus I</td>
<td>4</td>
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<td>ENM-152 Engineering Calculus II</td>
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<td>ENM-251 Engineering Calculus III</td>
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<td>ENT-161 Engineering Physics I</td>
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<td>ENT-162 Engineering Physics II</td>
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<th>27 CREDITS</th>
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<tr>
<td>COM Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
<td>6</td>
</tr>
<tr>
<td>ENG Literature</td>
<td>6</td>
</tr>
<tr>
<td>HIS-113 Western Civilization to 1500 or</td>
<td></td>
</tr>
<tr>
<td>HIS-114 Western Civilization since 1500 or</td>
<td></td>
</tr>
<tr>
<td>HIS-122 World History since 1500</td>
<td>3</td>
</tr>
<tr>
<td>Behavioral and Social Science</td>
<td>3</td>
</tr>
<tr>
<td>Humanities and Fine Arts</td>
<td>3</td>
</tr>
</tbody>
</table>

| ADDITIONAL REQUIREMENTS | |
|-------------------------| |
| Core Competencies Portfolio | 4 items |
| FORUM | 4 units |
| Health/Fitness | 30 hours |

Minimum Cumulative Average

| Overall | 2.000 |
| All Required ATM, ENM, CHM and ENT Courses | 2.000 |

University of Albany Transfer Option

This program has been designed in conjunction with the University of Albany Department of Atmospheric and Environmental Science (DAES) to enable students to successfully transfer into their Atmospheric Science B.S. program starting in the third year (instead of the first or second).

In addition to the requirements, in order to transfer directly into the third year of the DAES program following graduation from BCC, students must complete ATM-211 (Weather Analysis and Forecasting, 4 credits) at the University at Albany during the Spring Semester of the final year at BCC.
ASSOCIATE IN ARTS, LIBERAL ARTS

BIOLOGICAL SCIENCE CONCENTRATION

Program Advisor: Fayette Reynolds • 413-236-4557

The Biological Science concentration in the Liberal Arts degree program provides a strong foundation in the sciences, as well as general education courses in mathematics, social sciences and the humanities. Students graduating from this program are prepared for transfer into baccalaureate programs in biology, chemistry, biochemistry, genetics, pharmacology, public health, pre-medical, pre-veterinary, pre-dental and related programs.

This is a MassTransfer eligible program (see page 30).

This is a GPSTEM program (see page 38).

Expected Outcomes
Graduates of this program should be able to:
• Describe the major components and processes of molecular and cellular biology;
• Demonstrate an understanding of the major structures and physiological processes of organismal biology;
• Demonstrate an understanding of the principles and processes of evolution and systematics;
• Demonstrate an understanding of major ecological principles;
• Recognize the diversity and interrelatedness of modern biological disciplines and the connections between biology and physical sciences;
• Describe the societal place of biology and appropriately communicate and apply the fundamental principles of biology to current social, medical, ethical and environmental issues;
• Evaluate and present scientific arguments;
• Demonstrate an understanding of the Scientific Method;
• Demonstrate technical, equipment and measurement skills essential to basic scientific inquiry; and
• Adopt a collaborative approach to problem solving.

Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

PROGRAM

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>25 CREDITS</th>
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<tr>
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<td>MAT-123</td>
<td>Elementary Statistics ..................................3</td>
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GENERAL EDUCATION

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<td>CHM-101</td>
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<td>CHM-102</td>
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<td>English Composition/ Writing (see footnote 2) ....6</td>
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<td>ENG</td>
<td>Literature ................................................3</td>
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<td>HIS-113</td>
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<td>HIS-121</td>
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<tr>
<td>HIS-114</td>
<td>Western Civilization Since 1500 or ................3</td>
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<td>World History Since 1500 ................................3</td>
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<td>MAT-121</td>
<td>Precalculus I (or higher) ................................4</td>
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<td></td>
<td>Behavioral and Social Science ........................6</td>
</tr>
<tr>
<td></td>
<td>Environmental Studies (see footnote 1) ............1</td>
</tr>
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</table>

ADDITIONAL REQUIREMENTS

Core Competencies Portfolio ........................................4 items
FORUM ............................................................4 units
Health/Fitness ................................................................30 hours
Minimum Cumulative Average
All required BIO & CHM courses and science electives ...............2.000

Suggested Block for Completion
The following is a suggestion for completing this program in two years. The actual time to complete the program may vary according to each student’s individual needs.

Course numbers in BOLD indicate milestone courses. They are critical for program success and should be taken in the order shown.

FIRST SEMESTER 17 CREDITS

<table>
<thead>
<tr>
<th>PROGRAM</th>
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<td>CHM-101</td>
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<td>Elementary Statistics ..................................3</td>
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<tr>
<td>ENG</td>
<td>English Composition/ Writing .........................3</td>
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<td>HIS-113</td>
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SECOND SEMESTER 13 CREDITS

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<td>COM</td>
<td>Communication .............................................3</td>
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<td>Literature ..................................................3</td>
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THIRD SEMESTER 17 CREDITS

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FOURTH SEMESTER 15 CREDITS

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</tr>
<tr>
<td>ENG</td>
<td>Environmental Studies (see footnote 1) ............3</td>
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</tbody>
</table>

FOOTNOTES

1. Science electives must be chosen from the following: ATM-145, Intro. to Meteorology; BIO-102, General Biology II; BIO-109, Ecology I; BIO-110, Ecology II; BIO-201, Anatomy and Physiology I; BIO-202, Anatomy and Physiology II; BIO-207, Microbiology; BIO-230, Biotechnology; PHY-101, College Physics I; PHY-102, College Physics II. Completion of an environmentally focused laboratory science, such as BIO-109 or BIO-110, fulfills both the Natural or Physical Science and the Environmental Studies requirements. BIO-102 is strongly recommended for students anticipating transfer to a baccalaureate program.
2. Students are strongly encouraged to select ENG-116, Technical Writing, as their English Composition II course.
ASSOCIATE IN ARTS, LIBERAL ARTS

BIOTECHNOLOGY CONCENTRATION

Program Advisor: Gina Foley • 413-236-4522

Biotechnology is an expanding field which blends life sciences and engineering. It is a well-established yet, at the same time, fast-developing and diverse field. The biotechnology concentration offers skills and knowledge in medical, agricultural, environmental and chemical biotechnology, providing a strong foundation in subject matter, applications and methodology of the field. The curriculum prepares for employment as well as transfer into baccalaureate programs.

BCC’s biotechnology program is closely linked to baccalaureate programs in the region, and is coordinated with academic institutions and biotechnological industry in the Commonwealth. BCC’s variety of science courses provides a solid foundation and allows students to add special focus. Individually tailored internships help prepare students for their chosen career.

This is a MassTransfer eligible program (see page 30).

This is a GPSTEM program (see page 38).

Expected Outcomes

Graduates of this program should be able to:

- Understand relevant principles of cell biology, microbiology and genetics as they relate to medical, agricultural, environmental and chemical biotechnologies;
- Perform laboratory work and analyses with cells, proteins and genes as they relate to biotechnology fields;
- Demonstrate understanding of concepts of experimental design, research and development;
- Understand concepts of workplace functions, standard operating procedures and professional protocols as they relate to biotechnological operations;
- Follow appropriate safety precautions, emergency response protocols and hazardous materials use and management typical of those found in biotechnology; and
- Possess the academic skills, behaviors and attitudes to successfully pursue further studies in a Biotechnology-related discipline.

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>25 CREDITS</th>
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<tbody>
<tr>
<td>BIO-101 General Biology I</td>
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<td>BIO-102 General Biology II or BIO-111 Botany</td>
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<td>BIO-270 Biotechnology</td>
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<td>BIO-275 Independent Study or Professional Elective (see footnotes 1 and 2)</td>
<td>2</td>
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<tr>
<td>CHM-201 Organic Chemistry</td>
<td>4</td>
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<td>ENG Literature</td>
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<td>MAT-133 Elementary Statistics</td>
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GENERAL EDUCATION

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<td>MAT-121 Precalculus I (or higher, see footnotes 3)</td>
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<td>Environmental Studies</td>
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ADDITIONAL REQUIREMENTS

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<th>Requirement</th>
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<td>FORUM</td>
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<td>Health/Fitness</td>
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<tr>
<td>Minimum Cumulative Average</td>
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<td>All required BIO &amp; CHM courses and science electives</td>
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Suggested Block for Completion

The following is a suggestion for completing this program in two years. The actual time to complete the program may vary according to each student’s individual needs.

Course numbers in **BOLD** indicate milestone courses. They are critical for program success and should be taken in the order shown.

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<tr>
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<tbody>
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<td>CHM-101 Introductory Chemistry I</td>
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<tr>
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<td>COM Communication</td>
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</table>

**SECOND SEMESTER**

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<td>ENG Environmental Studies (see footnote 1)</td>
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<tr>
<td>ENG English Composition/Writing</td>
<td>3</td>
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<tr>
<td>COM Communication</td>
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**THIRD SEMESTER**

<table>
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<th>15 CREDITS</th>
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<tbody>
<tr>
<td>CHM-201 Organic Chemistry I</td>
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<tr>
<td>BIO-132 Biological Laboratory Techniques</td>
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</tr>
<tr>
<td>MAT-121 Precalculus I (or higher)</td>
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</tr>
<tr>
<td>HIS-113 Western Civilization to 1500</td>
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<td>HIS-121 World History to 1500</td>
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</tr>
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**FOURTH SEMESTER**

<table>
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<td>BIO-230 Biotechnology</td>
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<td>BIO-275 Independent Study or Professional Elective (see footnote 1)</td>
<td>2</td>
</tr>
<tr>
<td>ENG Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

FOOTNOTES

1. Independent Studies will be assigned in accordance with students’ goals and performance. This may include internship opportunities in a biotechnology-related field.
2. Professional Electives may be chosen from BIO, CHM, ENV or ENT designated courses. Completion of an environmentally focused laboratory science (such as BIO-109 or BIO-110, or ENV-101 or ENV-102) will also fulfill the Environmental Studies requirement.
3. Students meeting this requirement with a 3-credit mathematics course will need 3 credits to complete their professional elective.
PROGRAMS OF STUDY

Liberal Arts

ASSOCIATE IN ARTS, LIBERAL ARTS

FOREIGN LANGUAGE CONCENTRATION

Program Advisor: Lois Cooper • 413-236-4615

The Foreign Language concentration Liberal Arts degree program is for students who wish to meet the intermediate foreign language proficiency required in many baccalaureate programs. The emphasis is on the humanities, and the curriculum closely parallels the studies of freshmen and sophomores at colleges offering liberal arts baccalaureate degrees. Graduates of this program regularly transfer with junior status to colleges and universities in the Commonwealth and around the country.

Related majors at the baccalaureate level include anthropology, area studies, communications, economics, education, English, foreign languages, general studies, geography, geology, gerontology, government, history, international relations, journalism, liberal arts, library science, linguistics, mathematics, media, music, nursing, peace studies, philosophy, physics, political science, psychology, radio and television, sciences, sociology, speech, telecommunications, theatre arts, visual arts and women’s studies.

This is a MassTransfer eligible program (see page 30).

Expected Outcomes
Graduates of this program should be able to:

• Know how, when and why to say what to whom;
• Understand the main points in interactions with native speakers well enough to respond appropriately;
• Speak or write about experiences, events, hopes and aspirations, and briefly give reasons and explanations for opinions and plans;
• Read texts related to personal and social needs, and comprehend the main ideas in descriptive or narrative texts on less familiar topics;
• Use insights they have developed about the nature of language and culture to function with sensitivity within their own and others’ cultures;
• In multilingual communities within and beyond the classroom; and
• Pursue more advanced, college-level study of literature, culture, grammar, in the target language.

Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

PROGRAM

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG Literature</td>
<td>3</td>
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<tr>
<td>Foreign Language</td>
<td>3</td>
</tr>
<tr>
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<tr>
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GENERAL EDUCATION

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COM Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
<td>6</td>
</tr>
<tr>
<td>ENG Literature</td>
<td>3</td>
</tr>
<tr>
<td>HIS-113 Western Civilization to 1500 or</td>
<td>3</td>
</tr>
<tr>
<td>HIS-121 World History to 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIS-114 Western Civilization Since 1500 or</td>
<td>3</td>
</tr>
<tr>
<td>HIS-122 World History Since 1500</td>
<td>3</td>
</tr>
<tr>
<td>MAT Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Behavioral and Social Science</td>
<td>6</td>
</tr>
<tr>
<td>Environmental Studies</td>
<td>1</td>
</tr>
<tr>
<td>Natural or Physical Science</td>
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<tr>
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ADDITIONAL REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Notes</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Core Competencies Portfolio</td>
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<tr>
<td>FORUM</td>
<td></td>
<td>4 units</td>
</tr>
<tr>
<td>Health/Fitness</td>
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<td>30 hours</td>
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<td>Minimum Cumulative Average Overall</td>
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Suggested Block for Completion
The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

FIRST SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
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<td>4</td>
</tr>
<tr>
<td>COM Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
<td>3</td>
</tr>
<tr>
<td>HIS-113 Western Civilization to 1500 or</td>
<td>3</td>
</tr>
<tr>
<td>HIS-121 World History to 1500</td>
<td>3</td>
</tr>
<tr>
<td>Behavioral and Social Science</td>
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</tr>
<tr>
<td>TOTAL</td>
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</tbody>
</table>

SECOND SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language</td>
<td>4</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
<td>3</td>
</tr>
<tr>
<td>HIS-114 Western Civilization Since 1500 or</td>
<td>3</td>
</tr>
<tr>
<td>HIS-122 World History Since 1500</td>
<td>3</td>
</tr>
<tr>
<td>Behavioral and Social Science</td>
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</tr>
<tr>
<td>TOTAL</td>
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</table>

THIRD SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>Free Elective</td>
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<tr>
<td>Literature</td>
<td>3</td>
</tr>
<tr>
<td>Environmental Studies</td>
<td>1</td>
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<tr>
<td>Natural or Physical Science</td>
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FOURTH SEMESTER

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<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
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<td>Free Elective</td>
<td>5</td>
</tr>
<tr>
<td>Literature</td>
<td>3</td>
</tr>
<tr>
<td>Environmental Studies</td>
<td>1</td>
</tr>
<tr>
<td>Natural or Physical Science</td>
<td>3</td>
</tr>
<tr>
<td>TOTAL</td>
<td>16</td>
</tr>
</tbody>
</table>

FOOTNOTES
1. Foreign Language: Candidates for the Liberal Arts degree must attain the second-year college proficiency needed for many baccalaureate degrees. Most students achieve this with two years of study at BCC earning 16 credits. With the permission of the foreign language coordinator, students with sufficient background may complete all or part of the requirement through the CLEP examination. They will then complete more elective credits to meet the required 62 credits total for this degree.
2. The Natural or Physical Science requirement must be fulfilled by one free credit laboratory science and one credit non-laboratory science or by two free credit laboratory sciences. Completion of an environmentally focused laboratory science, such as BIO-109, BIO-110, ENV-101, or ENV-102, fulfill both the Natural or Physical Science and the Environmental Studies requirements.

“My favorite thing is to connect people with people, and people with resources. I get to do all that in my job. So many possibilities come from BCC.”

Lois Cooper
Professor and Program Chair of Foreign Languages, International Studies and Peace & World Order
ASSOCIATE IN ARTS, LIBERAL ARTS

INTERNATIONAL STUDIES CONCENTRATION

Program Advisor: Lois Cooper  •  413-236-4615

The International Studies concentration is designed for students wishing to have increased global awareness, including those intending to transfer to a baccalaureate institution to pursue a major in a field with an international component. Related majors at the baccalaureate level include anthropology, area studies, business, communications, economics, fine arts, history, journalism, law and politics.

This is a MassTransfer eligible program (see page 30).

Expected Outcomes

Graduates of this program should be able to:

- Understand the cultures, histories and/or politics of the countries they have studied;
- Make connections in the study of international affairs in a multidisciplinary fashion;
- Make informed comparisons between their own country and countries of the international community;
- Continue their studies in upper division courses in a bachelor's degree program; and
- Use a foreign language with a proficiency equivalent to at least the first year of college language study.

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

PROGRAM

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>ECO-150 World Economy or ECO-212 Principles of Macroeconomics</td>
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<tr>
<td>ENG Literature (see footnote 5)</td>
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<tr>
<td>Free Electives (see options below)</td>
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GENERAL EDUCATION

<table>
<thead>
<tr>
<th>COURSE</th>
</tr>
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<tbody>
<tr>
<td>ANT-101 Cultural Anthropology</td>
</tr>
<tr>
<td>COM Communication (see footnote 3)</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
</tr>
<tr>
<td>GE-125 World Geography</td>
</tr>
<tr>
<td>HIS-113 Western Civilization to 1500</td>
</tr>
<tr>
<td>HIS-121 World History to 1500</td>
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<tr>
<td>HIS-114 Western Civilization Since 1500 or HIS-122 World History Since 1500</td>
</tr>
<tr>
<td>MAT Mathematics (see footnote 3)</td>
</tr>
<tr>
<td>Environmental Studies (see footnote 4)</td>
</tr>
<tr>
<td>Natural or Physical Science (see footnote 4)</td>
</tr>
</tbody>
</table>

ADDITIONAL REQUIREMENTS

- Core Competencies Portfolio: 4 items
- FORUM: 4 units
- Health/Fitness: 30 hours
- Minimum Cumulative Average Overall: 2.000

Suggested Block for Completion

The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

FIRST SEMESTER

<table>
<thead>
<tr>
<th>COURSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language (see footnote 2)</td>
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<tr>
<td>ANT-101 Cultural Anthropology</td>
</tr>
<tr>
<td>COM Communication (see footnote 1)</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
</tr>
<tr>
<td>HIS-113 Western Civilization to 1500</td>
</tr>
<tr>
<td>HIS-121 World History to 1500</td>
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</tbody>
</table>

SECOND SEMESTER

<table>
<thead>
<tr>
<th>COURSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language (see footnote 2)</td>
</tr>
<tr>
<td>ENG English Composition/Writing</td>
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<tr>
<td>GEO Geography</td>
</tr>
<tr>
<td>HIS-114 Western Civilization Since 1500</td>
</tr>
<tr>
<td>HIS-122 World History Since 1500</td>
</tr>
<tr>
<td>MAT Mathematics (see footnote 3)</td>
</tr>
</tbody>
</table>

FOOTNOTES

1. One ENG literature course must be chosen from ENG-204, ENG-221, ENG-222, or ENG-297 with an international focus.
2. Candidates for the International Studies Concentration must attain first-year college proficiency in a foreign language. Most students achieve this with one year of study at BCC earning eight credits. However, students with sufficient background may meet all or part of the requirement through the CLEP examination and then complete more elective credits to meet the required 62-credit total for this degree.
3. COM-104, Intro to Interpersonal Communication, recommended.
4. MAT-123, Elementary Statistics, recommended.
5. The Natural or Physical Science requirement must be fulfilled by one four-credit laboratory science and one-three credit non-laboratory science or by two four-credit laboratory sciences. Completion of an environmentally focused laboratory science, such as BIO-109, BIO-110, ENV-101, ENV-102, fulfills both the Natural or Physical Science and the Environmental Studies requirements. BIO-109, BIO-110, ENV-101, ENV-102 and GY-101 are recommended.
ASSOCIATE IN ARTS, LIBERAL ARTS

PEACE & WORLD ORDER CONCENTRATION

Program Advisor: Lois Cooper • 413-236-4615

The Peace and World Order concentration seeks to provide students with a broad understanding of many global problems, suggested paths to solutions, and approaches to careers and further study in related areas. As a new and rapidly expanding area of concentration, Peace and World Order cuts across many traditional academic lines. It is a discipline which is defined as much by the problems it addresses as by the method it applies.

Students who complete this concentration are eligible for application for transfer to a large variety of Peace and World Order programs at colleges and universities throughout the United States and other countries. Some of these programs are very broad in their approach. Others are more specific, specializing, for example, in conflict resolution or world order issues. Still other schools require a double major, so that their graduates are prepared to pursue a traditional career with the benefit of many peacemaking skills.

This is a MassTransfer eligible program (see page 30).

Expected Outcomes
Graduates of this program should be able to:

• Critically reflect on lessons learned from historical and contemporary political, economic, social and environmental decisions and outcomes; and, as a result, exercise problem-solving skills founded on a commitment to active non-violence and sustainable solutions;

• Critically analyze, synthesize and link theory and practice in regards to key concepts in this field (war, violence, peace, justice, human rights, exploitation, oppression, environmental issues and security); and

• Exhibit commitment and self-assurance in promoting a global culture of peace, to include active personal and structural solutions that embody the principles of non-violence and relationship building.

Graduation Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

Program

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>27 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-204 Literature of Peace and War</td>
<td>3</td>
</tr>
<tr>
<td>PHL-105 World Security and Sustainability</td>
<td>3</td>
</tr>
<tr>
<td>PHL-111 Alternatives to Violence</td>
<td>3</td>
</tr>
<tr>
<td>PHL-270 Independent Study in Peace and World Order</td>
<td>3</td>
</tr>
<tr>
<td>Free Electives</td>
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General Education

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>35 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
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<td>ENG English Composition/Writing</td>
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</tr>
<tr>
<td>ENGL Literature</td>
<td>3</td>
</tr>
<tr>
<td>HIS-113 Western Civilization to 1500 or</td>
<td>3</td>
</tr>
<tr>
<td>HIS-121 World History to 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIS-114 Western Civilization Since 1500 or</td>
<td>3</td>
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<tr>
<td>HIS-122 World History Since 1500</td>
<td>3</td>
</tr>
<tr>
<td>MAT Mathematics</td>
<td>3</td>
</tr>
<tr>
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<td>6</td>
</tr>
<tr>
<td>Environmental Studies (see footnote 1)</td>
<td>1</td>
</tr>
<tr>
<td>Natural or Physical Science (see footnote 1)</td>
<td>7</td>
</tr>
</tbody>
</table>

Additional Requirements

Core Competencies Portfolio..................................................4 items
FORUM...............................................................................4 units
Healthy/Fitness.................................................................30 hours
Minimum Cumulative Average Overall.................................2,000

Suggested Block for Completion
The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

First Semester

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>16 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHL-105 World Security and Sustainability</td>
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<tr>
<td>ENG English Composition/Writing</td>
<td>3</td>
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<tr>
<td>HIS-113 Western Civilization to 1500 or</td>
<td>3</td>
</tr>
<tr>
<td>HIS-121 World History to 1500</td>
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<tr>
<td>MAT Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Natural or Physical Science (see footnote 1)</td>
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</tbody>
</table>

Second Semester

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>16 CREDITS</th>
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</thead>
<tbody>
<tr>
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<td>3</td>
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<tr>
<td>Free Elective</td>
<td>3</td>
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<td>ENG English Composition/Writing</td>
<td>3</td>
</tr>
<tr>
<td>HIS-114 Western Civilization Since 1500 or</td>
<td>3</td>
</tr>
<tr>
<td>HIS-122 World History Since 1500</td>
<td>3</td>
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<tr>
<td>Environmental Studies (see footnote 1)</td>
<td>1</td>
</tr>
<tr>
<td>Natural or Physical Science (see footnote 1)</td>
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Third Semester

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>15 CREDITS</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>Free Electives</td>
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<tr>
<td>COM Communication</td>
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Fourth Semester

<table>
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<tr>
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<tr>
<td>PHL-270 Independent Study in Peace and World Order</td>
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<tr>
<td>ENG Literature</td>
<td>3</td>
</tr>
<tr>
<td>Behavioral and Social Science</td>
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</tr>
</tbody>
</table>

Footnote

1. The Natural or Physical Science requirement must be fulfilled by one four-credit laboratory science and one three-credit non-laboratory science or by two four-credit laboratory sciences. Completion of an environmentally focused laboratory science, such as BIO-109, BIO-110, ENV-101, ENV-102, fulfills both the Natural or Physical Science and Environmental Studies requirement.
ASSOCIATE IN ARTS, LIBERAL ARTS

PSYCHOLOGY CONCENTRATION

Program Advisor: Dr. Wayne Klug • 413-236-4562

Graduates of this program should be able to:

- Demonstrate a knowledge base in psychology by describing key concepts, principles and themes; gain a working knowledge of content in abnormal, developmental, biological and social domains;
- Demonstrate familiarity with scientific inquiry and critical thinking by using scientific reasoning to interpret psychological phenomena, and by gaining a working knowledge of research methods in psychology;
- Demonstrate awareness of ethical and social responsibility by applying ethical standards to evaluate psychological science and practice, and by adopting values that build community at local, national and global levels; and
- Demonstrate communication proficiency through effective writing and presentation skills for different purposes, and through effective interaction with others.

Graduation Requirements

To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY-107 Introductory Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY-204 Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>PSY-206 Adolescent Psychology</td>
<td>3</td>
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<td>PSY-207 Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY-226 Abnormal Psychology</td>
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<tr>
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</tr>
<tr>
<td>Free Electives</td>
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GENERAL EDUCATION

<table>
<thead>
<tr>
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</tr>
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<tbody>
<tr>
<td>BIO-175 Brain, Mind and Behavior</td>
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<td>ENV-127 Environmental Awareness</td>
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<tr>
<td>HIS-113 Western Civilization to 1500</td>
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<tr>
<td>HIS-121 World History to 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIS-114 Western Civilization Since 1500</td>
<td>3</td>
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<tr>
<td>HIS-122 World History Since 1500</td>
<td>3</td>
</tr>
<tr>
<td>MAT Mathematics (see footnote 2)</td>
<td>3</td>
</tr>
<tr>
<td>SOC-105 Introductory Sociology</td>
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<tr>
<td>Natural or Physical Science</td>
<td>4</td>
</tr>
<tr>
<td>Humanities and Fine Arts</td>
<td>3</td>
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</tbody>
</table>

ADDITIONAL REQUIREMENTS

Core Competencies Portfolio | 4 items |
FORUM | 4 units |
Health/Fitness | 30 hours |
Minimum Cumulative Average Overall | 2.000 |

Suggested Block for Completion

The following is a suggestion for completing this concentration in two years. The actual time needed to complete it will vary according to each student’s individual needs.

FIRST SEMESTER

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>ENG-101 English Composition</td>
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</tr>
<tr>
<td>HIS-121 World History to 1500</td>
<td>3</td>
</tr>
<tr>
<td>MAT Mathematics (see footnote 2)</td>
<td>3</td>
</tr>
<tr>
<td>SOC-105 Introductory Sociology</td>
<td>3</td>
</tr>
<tr>
<td>ENG-101 English Composition (see footnote 3)</td>
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</tr>
<tr>
<td>PSY-107 Introductory Psychology</td>
<td>3</td>
</tr>
<tr>
<td>MAT Mathematics (see footnote 2)</td>
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SECOND SEMESTER

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG Literature</td>
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<td>3</td>
</tr>
<tr>
<td>Humanities and Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition (see footnote 3)</td>
<td>3</td>
</tr>
<tr>
<td>PSY-204 Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>PSY-207 Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY-107 Introductory Psychology (see footnote 1)</td>
<td>3</td>
</tr>
<tr>
<td>Professional Elective (see footnote 1)</td>
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</tbody>
</table>

THIRD SEMESTER

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG Literature</td>
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<td>3</td>
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<tr>
<td>Humanities and Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition (see footnote 3)</td>
<td>3</td>
</tr>
<tr>
<td>PSY-204 Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>PSY-207 Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY-226 Professional Elective (see footnote 1)</td>
<td>3</td>
</tr>
<tr>
<td>Professional Elective (see footnote 1)</td>
<td>3</td>
</tr>
</tbody>
</table>

FOOTNOTES

1. Professional Electives are chosen from PSY-208, PSY-210, PSY-297, SOC-136, SOC-208 and BIO-180. Additional Professional Electives must be approved by the Psychology Concentration program advisor.
2. MAT-123 (Elementary Statistics) is strongly recommended as preparation for “Statistics in Psychology” at the transfer institution.
3. The Natural or Physical Science requirements must be fulfilled by one four-credit laboratory science and one three-credit non-laboratory science, or by two four-credit laboratory sciences.

Completion of an environmentally-focused laboratory science, such as BIO-109, BIO-110, ENV-101, or ENV-102, fulfills both the Natural or Physical Science and the Environmental Studies requirements.
Nursing

CERTIFICATE

PRACTICAL NURSE (LPN)

Program Advisor: Susan St. John, RN, MSN • 413-236-4733

This program is approved by the Massachusetts Board of Registration in Nursing.

Social, technological and economic changes in today's society make nursing one of the most dynamic areas of healthcare. There are plentiful job opportunities for practical nurses in Berkshire County and throughout the country. The employment settings for graduates of the Practical Nurse certificate program include skilled nursing and rehabilitation facilities, long term care, assistive living communities, group homes, medical offices, community health centers and VA medical centers. Upon graduation, students are eligible to take the National Council Licensing Examination (NCLEX-PN) to become a licensed practical nurse (LPN).

Essential Functions

Berkshire Community College seeks to provide equal access to its programs, services and activities for people with disabilities. Therefore, to the extent practicable, the College will endeavor to make a reasonable academic adjustment for an applicant with a disability who is otherwise qualified.

The essential functions of a student enrolled in the Practical Nursing program requires that the student, with or without reasonable accommodations, must be able to:

- Demonstrate the ability to perform essential functions for a maximum of an 8-hour shift;
- Demonstrate the ability to protect a patient when the patient is standing and ambulating on all surfaces with or without the use of assistive devices, including canes, crutches and walkers;
- Demonstrate the ability to safely move a patient over 100 pounds from one surface to another using the appropriate level of help;
- Demonstrate safe body mechanics in the process of all patient treatments, including lifting and carrying small equipment (under 50 pounds) and moving large equipment (over 50 pounds);
- Demonstrate the ability to manipulate dials on equipment;
- Demonstrate the ability to coordinate simultaneous motions;
- Demonstrate the ability to perform occasional over head extension;
- Demonstrate the ability to hear blood pressure, heart and lung sounds with or without corrective devices;
- Demonstrate the ability to palpate soft tissue including pulse, muscle and bones;
- Demonstrate the ability to perform nursing interventions: sterile procedures, dressing changes and administer medications (including dosage calculations when necessary following infection control procedures);
- Display adaptability to change;
- Establish effective relationships with others;
- Communicate effectively, safely and efficiently in English by:
  - Explaining procedures;
  - Receiving information from others;
  - Receiving information from written documents;
  - Exhibiting appropriate interpersonal skill (refer to ANA Code for Nurses);
  - Analyzing and documenting assessment findings and interventions;
- Distinguish color changes and
- Detect an unsafe environment and carry out appropriate emergency procedures including:
  - Detecting subtle environmental changes and odors including but not limited to the smell of burning electrical equipment, smoke and spills;
  - Detect high and low frequency sounds, including but not limited to alarms, bells and emergency signals.

Admission Requirements

Students must submit an application and Practical Nurse Certificate Matriculation Form. Potential students who have met all admission requirements are accepted into the program on a space-available basis. Applicants who do not initially meet the admission requirements may take courses to become eligible by enrolling in BCC’s Liberal Arts program in Pre-LPN.

The sequence of nursing courses begins in the fall semester and continues through the end of June. Specific admission requirements include:

- Documentation of high school graduation or alternative high school credential;
- Completion of MAT-028B, if applicable;
- Completion of BIO-150, or BIO-201 and BIO-202, with a C or better within the last seven years. BIO-201 and BIO-202 may be taken in lieu of BIO-150 to facilitate mobility into the Associate Degree in Nursing (ADN) program;
- Completion of ENG-101 with a C or better; and
- Completion of PSY-107 with a C or better (see footnote 1).

All students entering the Practical Nurse program must be immunized (or be in process) by March 1 prior to the academic year for which they are seeking admission. Accepted students may defer or withdraw one time for a 1-year period.

Determination will be made contingent upon proof of license due to Admissions by August 15 and completion of all coursework by July 1. Notification of conditional acceptance is made in early June.

FOOTNOTES

1. BIO-150 or BIO-201 and BIO-202; PSY-107; and ENG-101 must be completed before admission to the program.

2. LPN-142 and LPN-152 incorporate a required Service-Learning component each semester.

NOTES

All nursing faculty hold, as a minimum, professional Registered Nurse licensure in Massachusetts and a B.S. in Nursing. Students must achieve a numerical grade of 75 or better in LPN designated courses and a grade of C or better in BIO, ENG and PSY courses.

Lecture and laboratory sessions are held on the Main Campus in Pittsfield. Clinical experiences may be held at any facility in Berkshire County and may be a day, evening or weekend clinical. Students who previously failed more than one nursing course, LPN or RN, from any school/program, will not be admitted to the BCC Practical Nursing program.

All incoming students are required to have completed a CPR certificate for healthcare providers through the American Heart Association; Basic Life Support (BLS) for Health Care Providers (2-year certification) or the American Red Cross; CPR/AED for Professional Rescuers and Health Care Providers (2-year certification) prior to their first clinical experience and maintain certification throughout the program.

Five seats in the program are held open through finals week each spring semester to allow preference for matriculation into the program by BCC pre-LPN students.

CORI Any prior criminal offense could hinder placement in clinical agencies and the ability to take national licensure examinations. See Criminal & Sex Offender Record Information Checks on page 13 for details. If an applicant has ever been convicted by a court of law, or is convicted during his or her tenure in the program, she/he should be aware that she/he may be denied the right by the Massachusetts Board of Registration in Nursing to sit for the National Council Licensing Examination (NCLEX-PN).
PROGRAMS OF STUDY Nursing

BCC will not admit students concurrently into any two of the following degree or certificate programs: Physical Therapist Assistant, Respiratory Care, LPN or Nursing.

Graduation Requirements
To earn a certificate in this program, a student must complete all program credits plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>48 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO-150</td>
<td>Intro to Human Body ............................................4</td>
</tr>
<tr>
<td>PSY-107</td>
<td>Intro to Psychology ...............................................3</td>
</tr>
<tr>
<td>ENG-101</td>
<td>Composition 1 .....................................................3</td>
</tr>
</tbody>
</table>

PRACTICAL NURSE COURSES:
LPN-142 Health Maintenance of the Adult and Aging (see footnote 2) .....................15
LPN-145 Gerontology Practicum ........................................2
LPN-152 Health Alterations of the Adult and Aging (see footnote 2) .....................15
LPN-162 Health Care of the Family .........................................6

ADDITIONAL REQUIREMENTS
Demonstrated college-level skills in reading and writing (see footnote 1)
Minimum Cumulative Average
Overall ..........................................................2.000
Program requirements .................................2.000

Suggested Block for Completion

FIRST SEMESTER 15 CREDITS
LPN-142 Health Maintenance of the Adult and Aging (see footnote 2) .....................15

WINTER SESSION 2 CREDITS
LPN-145 Gerontology Practicum ........................................2

SECOND SEMESTER 15 CREDITS
LPN-152 Health Alterations of the Adult and Aging (see footnote 2) .....................15

SUMMER SESSION 6 CREDITS
LPN-162 Health Care of the Family .........................................6
ASSOCIATE IN SCIENCE
NURSING (ADN)

Program Advisor: Tochi O. Ubani, DNP • 413-236-4638

This program is approved by the Massachusetts Board of Registration in Nursing and is accredited by the Accreditation Commission for Education in Nursing (ACEN, formerly NLNAC) (www.acenursing.org).

Nursing combines science and the art of working with people. Nurses are integrally involved in the lives of their clients, helping them to maximize their health and cope with illness. Nurses perform multiple roles in the care of their clients. Not only do they provide hands-on care, they also act as educators, counselors, coordinators and conciliators. Using scientific knowledge and technical skills, nurses continually assess the physical, emotional and social status of their clients. Nurses work with clients and their families to devise plans of care for each situation. As they continually monitor client progress, they make important decisions about appropriate methods to deal with problems.

Nursing offers diversity in roles and settings, a wide range of career paths, employment opportunities and competitive salaries. People are attracted to nursing by the focus on caring, flexibility of working schedules and challenges to excel within the profession. RNs are employed in hospitals, nursing homes, home care, clinics, health centers, physicians' offices and the military. BCC's nursing program is a sequence of lecture, laboratory and clinical courses. Graduates are eligible to take the licensing examination to become registered nurses (RNs).

Essential Functions

Berkshire Community College seeks to provide equal access to its programs, services and activities for people with disabilities. Therefore, to the extent practicable, the College will endeavor to make a reasonable academic adjustment for an applicant with a disability who is otherwise qualified.

The essential functions of a student enrolled in the Practical Nursing program requires that the student, with or without reasonable accommodations, must be able to:

- Demonstrate the ability to perform essential functions for a maximum of an 12-hour shift;
- Demonstrate the ability to protect a patient when the patient is standing and ambulating on all surfaces with or without the use of assistive devices, including canes, crutches and walkers;
- Demonstrate the ability to safely move a patient over 100 pounds from one surface to another using the appropriate level of help;
- Demonstrate safe body mechanics in the process of all patient treatments, including lifting and carrying small equipment (under 50 pounds) and moving large equipment (over 50 pounds);
- Demonstrate the ability to manipulate dials on equipment;
- Demonstrate the ability to coordinate simultaneous motions;
- Demonstrate the ability to perform occasional over head extension;
- Demonstrate the ability to hear blood pressure, heart and lung sounds with or without corrective devices;
- Demonstrate the ability to palpate soft tissue including pulse, muscle and bones;
- Demonstrate the ability to perform nursing interventions: sterile procedures, dressing changes and administer medications (including dosage calculations when necessary following infection control procedures);
- Display adaptability to change;
- Establish effective relationships with others;
- Communicate effectively, safely and efficiently in English by:
  - Explaining procedures;
  - Receiving information from others;
  - Receiving information from written documents;
  - Exhibiting appropriate interpersonal skill (Refer to ANA Code for Nurses);
  - Analyzing and documenting assessment findings and interventions;
- Distinguish color changes; and
- Detect an unsafe environment and carry out appropriate emergency procedures including:
  - Detecting subtle environmental changes and odors including but not limited to the smell of burning electrical equipment, smoke and spills;
  - Detect high and low frequency sounds, including but not limited to alarms, bells and emergency signals.

Admission Requirements

Students who have met all the admissions requirements must apply by March 1 to be considered for the fall semester. Students must submit an application and a Nursing Program Matriculation Form. Application review is completed by mid-April and all students are notified of decisions by mail. Accepted students may defer one time for a one year period. The student's overall GPA, success in science courses, number of additional required courses completed, repeats or failures in required courses on transcripts and the completion of additional college degrees are considered in the admission decision.

MINIMUM ADMISSIONS ELIGIBILITY REQUIREMENTS INCLUDE:

- Reading and writing competency at a college level as shown by completion of a college English composition class (ENG-101) or through the Learning Skills Assessment;
- Mathematics Proficiency/Placement requires a high school graduation within the past two years with a GPA of at least 2.7 and a minimum grade of C (73) in Algebra II or ACCUPLACER placement into college level math or successful completion of the Math Challenge Assessment or successful completion of a college-level math class with a minimum grade of C. MAT-123 (Statistics) is recommended for transfer.
- Completion of college chemistry (CHM-150) with a grade of C (73) or better; or one year of college prep chemistry with a grade of C (73) or better within the past seven years;
- Graduation from a high school college preparatory program within the last two years with a B (80) average, or ranked in the upper third of the graduating class; and complete with a C or better in high school biology or anatomy and physiology; or completion with a C (73) or better of a minimum of 10 credits of college-level ADN support courses including Anatomy and Physiology (BIO-201) completed within the past seven years;
- Students with two nursing course failures (elsewhere, at BCC, or in combination) will not be admitted into the program.

Students entering the Associate Degree Nursing program must be immunized for Hepatitis B (or be in the process) by March 1 prior to the academic year for which they are seeking admission. Students must have a grade of C (73) or better in all required sciences and corequisites for the associate degree in nursing (ENG-101, ENG-102, PSY-107, PSY-204, BIO-201, B10-202, BIO-207, SOC-105, COM course and a general education course). All sciences must be completed within seven years of entry into the program (BIO-201, BIO-202 and BIO-207).

BCC will not admit students concurrently into any of the following degree or certificate programs: Physical Therapist Assistant, Respiratory Care, LPN or Nursing.

RE-ENTRY TO THE ADN PROGRAM

Students who are unsuccessful in the ADN program can petition to re-enter within one year for the semester in which they left. Only students who have successfully completed a semester with a grade of 75 or better are eligible for re-admission to the ADN program.

Students must draft a letter of petition and send it to the attention of the Dean of Nursing, Health and Social Sciences. Letters should explain why the student was unsuccessful and what has changed that will lead to future success in the ADN program. The Dean of Nursing, Health and Social Sciences will contact
PROGRAMS OF STUDY  Nursing

the student about completing a matriculation form. Matriculation forms for reentry will be reviewed by June 15.
Students will need to pass the HESI (Fundamentals/Maternity versions). Students who re-enter will be re-ranked for space available. Courses that expire within the re-entry timeframe will be accepted by BCC.
Students who are offered a seat in the ADN program are not eligible to defer.

Expected Outcomes
At the completion of the program, the graduate will:
• Incorporate knowledge from the various disciplines to provide safe, patient-centered care emphasizing health promotion, maintenance and wellness for a diverse group of clients across the life span;
• Choose and adapt appropriate communication techniques when interacting with the client, family and/or significant others to provide culturally competent care;
• Competently and proficiently perform entry-level assessment and psychomotor skills;
• Evaluate barriers to working collaboratively within the health care system while contributing resolution strategies to improve healthcare quality and outcomes; and
• Incorporate professionalism and leadership in evaluating the effectiveness of informatics and technology in providing evidence-based nursing care.

Career mobility: LPN to ADN
Licensed Practical Nurses (LPNs) who apply to BCC's associate degree in Nursing program may challenge the first two nursing courses (NUR-101 and NUR-102) through a standardized theoretical test. Applicants who pass the challenge examinations will receive 17 credits for NUR-101 and NUR-102 upon admission. In addition to meeting all other nursing admission standards, applicants must have licensure as a practical nurse in the state of Massachusetts through successful completion of the National Certification Licensing Exam (NCLEX) prior to admission.
Students must enroll in NUR-201 within three years of taking the challenge exam. Enrollment requires the completion of a “bridge” course during the summer prior to admission.
Five seats in the LPN will be held and determined via a lottery system. Those who were not chosen in the lottery are eligible for another lottery opportunity in the next class.

Grading Requirements
To earn a degree in this program, a student must complete all program and general education credits, plus the following additional requirements.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>50 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO-201 Anatomy and Physiology I...............</td>
<td>4</td>
</tr>
<tr>
<td>BIO-202 Anatomy and Physiology II.............</td>
<td>4</td>
</tr>
<tr>
<td>NUR-101 Physical and Mental Health I (see footnote 1)</td>
<td>9</td>
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<tr>
<td>NUR-102 Physical and Mental Health II........</td>
<td>9</td>
</tr>
<tr>
<td>NUR-201 Physical and Mental Health III (see footnote 2)</td>
<td>8</td>
</tr>
<tr>
<td>NUR-202 Physical and Mental Health IV.........</td>
<td>9</td>
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<tr>
<td>NUR-206 Nursing in Transition..................</td>
<td>1</td>
</tr>
<tr>
<td>PSY-107 Introductory Psychology...............</td>
<td>3</td>
</tr>
<tr>
<td>PSY-204 Human Growth and Development..........</td>
<td>3</td>
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General Education

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<tr>
<th>PROGRAM</th>
<th>19 CREDITS</th>
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<tbody>
<tr>
<td>BIO-207 Microbiology................................</td>
<td>4</td>
</tr>
<tr>
<td>COM Communication (see footnote 2)..........</td>
<td>3</td>
</tr>
<tr>
<td>ENG English Composition/Writing (see footnote 3)</td>
<td>6</td>
</tr>
<tr>
<td>MAT Mathematics (see footnote 4).............</td>
<td>1</td>
</tr>
<tr>
<td>SOC-105 Introductory Sociology.................</td>
<td>3</td>
</tr>
</tbody>
</table>

Additional Requirements

Core Competencies Portfolio..................................4 items
FORUM ..................................................................4 units
Health/Fitness (see footnote 6)..........................30 hours
Minimum Cumulative Average............................2.000
Minimum Numeric Grade......................................
Each NUR Course............................................75
All Other Courses............................................73
*Service-Learning, concurrent with each NUR Course

Suggested Block for Completion
The following is a suggestion for completing this program in two years. The actual time needed to complete the program will vary according to each student’s individual needs.

First Semester  19 CREDITS

| BIO-201 Anatomy and Physiology I...............| 4          |
| NUR-101 Physical and Mental Health I (see footnote 1) | 9          |
| PSY-107 Introductory Psychology...............| 3          |
| ENG English Composition/Writing (see footnote 3) | 3          |

Second Semester  19 CREDITS

| BIO-202 Anatomy and Physiology II.............| 4          |
| BIO-207 Microbiology................................| 4          |
| NUR-102 Physical and Mental Health II........| 8          |
| PSY-204 Human Growth and Development..........| 3          |

Summer Session

| EXL-225 Experiential Learning (optional)......| 1–3        |
| NUR-106 Bridge Course—LPN to RN................| 2          |

Third Semester  16–18 CREDITS

| NUR-201 Physical and Mental Health III........| 9          |
| COM Communication (see footnote 2)...........| 3          |
| SOC-105 Introductory Sociology................| 3          |

Fourth Semester  15 CREDITS

| NUR-202 Physical and Mental Health IV.........| 9          |
| NUR-206 Nursing in Transition..................| 1          |
| ENG English Composition/Writing (see footnote 3) | 3          |
| General Education Elective (see footnote 5)  | 3          |

Footnotes

1. All incoming students are required to have completed CPR certificate for health care providers through the American Heart Association: Basic Life Support (BLS) for Health Care Providers (2-year certification) or the American Red Cross: CPR/AED for Professional Rescuers and Health Care Providers (2-year certification) prior to their first clinical experience and maintain certification through their Nursing program enrollment.
3. English Composition/Writing chosen from ENG-101, ENG-102, ENG-103, or ENG-104.
4. Mathematics: Students must demonstrate competency at a level of MAT-102 or MAT-102C or MAT-136 or higher level prior to matriculation in the Nursing program.
5. General Education Elective chosen from History or Humanities and Fine Arts. If a student wishes to take a course that is not listed, she/he must first consult with the nursing program advisor.
7. NUR-106, Bridge Course—LPN to RN, is a prerequisite for NUR-201 for all LPN mobility students and may be required for students re-entering into NUR-201.

Notes

All nursing faculty hold, as a minimum, professional Registered Nurse licensure in Massachusetts.

Criminal history: Any prior criminal offense could hinder placement in clinical agencies. See Criminal & Sex Offender Record Information Checks on page 13. In the event that an applicant has ever been convicted by a court of law, or has been convicted during his or her tenure in the Nursing program, she/he should be aware that she/he may be denied the right by the Massachusetts Board of Registration in Nursing to sit for the National Council Licensing Examination (NCLEX-RN) which leads to RN licensure upon graduation.

www.berkshirecc.edu 101
BS BACHELOR OF SCIENCE — RN TO BS TRACK

NURSING (BSN)

Program Advisor: Ann Tierney, MS, RN • 413-236-4716

This program is accredited by the Commission on Collegiate Nursing Education (CCNE).

A Bachelor of Science degree with a major in nursing, awarded by the University of Massachusetts (UMass), designed for working registered nurses with a diploma or an associate degree, is offered in collaboration with Berkshire Community College. This program is in response to the demand for more nurses with advanced levels of education to meet the needs of today’s health care delivery system.

Prerequisite course work for the program may be scheduled over a number of semesters depending on individual student needs. General education and nursing foundation courses must be completed before admission to the nursing major. Many courses taken at BCC will transfer to UMass/Amherst. CLEP and other challenge examinations may be accepted for credit in some areas. Course work completed at colleges or universities other than Berkshire Community College will be reviewed for transfer to the University.

The RN to BS Online and On-site Track meets the needs of registered nurses with other life responsibilities through a curriculum that combines web-based instruction with student-tailored practice. Designed for students with clearly defined career goals, it calls for substantial autonomy in meeting established objectives.

—www.umass.edu/nursing

Students interested in health-related careers can get hands-on experience by attending College Connection during the summer (see page 37).

NURSING PREREQUISITE, GENERAL EDUCATION, AND ELECTIVES COURSES (see footnotes 2)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>N-290B</td>
<td>Introduction to Healthcare Informatics</td>
<td>3</td>
</tr>
<tr>
<td>N-312</td>
<td>Cultural Diversity in Health and Illness</td>
<td>4</td>
</tr>
<tr>
<td>N-315</td>
<td>Health and Physical Assessment of Individuals and Families</td>
<td>3</td>
</tr>
<tr>
<td>N-317</td>
<td>Writing in Nursing</td>
<td>3</td>
</tr>
<tr>
<td>N-415</td>
<td>Community Focus in Nursing</td>
<td>3</td>
</tr>
<tr>
<td>N-418</td>
<td>Nursing Process: Families</td>
<td>3</td>
</tr>
<tr>
<td>N-420</td>
<td>Introduction to Research in Nursing</td>
<td>3</td>
</tr>
<tr>
<td>N-438</td>
<td>Professional Role</td>
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<tr>
<td>N-440</td>
<td>Vulnerable and Underserved Populations</td>
<td>3</td>
</tr>
<tr>
<td>N-498S</td>
<td>Practicum: Special Populations</td>
<td>2</td>
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</table>

ONE-YEAR PLAN

<table>
<thead>
<tr>
<th>SUMMER</th>
<th>ENTRY POINT</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>N-312</td>
<td>Cultural Diversity in Health and Illness</td>
<td>4</td>
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<td>Community Focus in Nursing</td>
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<th>FALL</th>
<th>ENTRY POINT</th>
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<tbody>
<tr>
<td>N-315</td>
<td>Health and Physical Assessment of Individuals and Families</td>
<td>3</td>
</tr>
<tr>
<td>N-440</td>
<td>Vulnerable and Underserved Populations</td>
<td>3</td>
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<td>N-498S</td>
<td>Practicum: Special Populations</td>
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<tr>
<th>WINTER</th>
<th>ENTRY POINT</th>
<th>CREDITS</th>
</tr>
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<tbody>
<tr>
<td>N-290B</td>
<td>Introduction to Health Care Information</td>
<td>3</td>
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</table>

TWO-YEAR PLAN

<table>
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<tr>
<th>SUMMER</th>
<th>ENTRY POINT</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>N-317</td>
<td>Writing in Nursing</td>
<td>3</td>
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<tr>
<td>N-415</td>
<td>Community Focus in Nursing</td>
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<tr>
<th>FALL</th>
<th>ENTRY POINT</th>
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<tbody>
<tr>
<td>N-440</td>
<td>Vulnerable and Underserved Populations</td>
<td>3</td>
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<tr>
<td>N-498S</td>
<td>Practicum: Special Populations</td>
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<tr>
<th>WINTER</th>
<th>ENTRY POINT</th>
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</tr>
</thead>
<tbody>
<tr>
<td>N-290B</td>
<td>Introduction to Health Care Information</td>
<td>3</td>
</tr>
</tbody>
</table>

FOOTNOTES

1. The 120 credits for graduation are derived as follows:
   - Nursing Prerequisite, General Education and electives — 60 credits
   - RN Licensure — 30 credits
   - RN to BS Track — 30 credits
2. A world/global diversity course is also required. This course may be integrated with a general education or elective course.
3. Two program formats offered:
   - Online
   - On-site (face-to-face) at UMass’ Springfield Center
4. There are two admission cycles:
   - Spring (January)
   - Summer (June)
GRADUATION REQUIREMENTS

COURSES THAT MEET GENERAL EDUCATION REQUIREMENTS

Listed on this page are all of the courses that meet the BCC general education requirements. See General Education Requirements on page 27 for more information.

Please refer to the explanation of course codes in the table on page 106 before reading the course descriptions that begin on page 106.

COMMUNICATION CO

| COM 104, 105, 106, 107 |

ENGLISH COMPOSITION/WRITING EC

| ENG 101, 102, 103, 104, 116 |

HEALTH/FITNESS HF

| AHS 101, 103, 111, 142, 148, 155, 162, 170, 171, 172, 238 |
| CRJ 108 |
| HSP 112 |
| LPN 142 |
| MBW 110 |
| NUR 101, 102, 201 |
| PSY 122, 127 |
| PTA 100 |
| RSP 105 |
| THR 119 |

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MATHEMATICS MA

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| MAT 102, 102A, 102B, 102C, 113, 121, 123, 145, 146, 151, 152, 253, 254 |

BEHAVIORAL/SOCIAL SCIENCES SS

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| ECO 150, 211, 212 |
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| GEO 125 |
| GOV 105, 135 |
| HIS 208, 226, 228, 232, 236, 238, 244 |
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| PSY 107, 204, 206, 207, 208, 210, 226, 297 |
| SOC 105, 121, 136, 197, 203, 208, 212, 216, 217, 219, 228, 232, 297 |

NATURAL or PHYSICAL SCIENCE SC

| AHS 115, 121, 129, 150, 230 |
| ATM 126, 135, 145*, 210, 211* |
| CHM 101*, 102*, 150, 201*, 202* |
| ENT 161*, 162*, 261*, 262 |
| GEY 121*, 136* |
| PHY 101*, 102*, 111 |

ENVIRONMENTAL STUDIES ES

| ENV 101*, 102*, 121, 133*, 139*, 165*, 207*, 208* |

* 4-credit lab sciences

Courses that meet the BCC Literature Requirement

| ENG 204, 205*, 215, 216, 221, 222, 228, 231, 232, 241, 245, 255, 297 |

* ENG-205 meets this requirement ONLY for students enrolled in the Early Childhood Education Concentration.
GRADUATION REQUIREMENTS  Core Competency Requirements

COURSES WITH EMBEDDED CORE COMPETENCIES
Listed below are all the courses that have an embedded core competency arranged by the competency.

Individual courses in the course description pages are also coded to indicate which, if any, core competencies are embedded in the course. A student completing the course with a grade of C or better is certified as having demonstrated the competency. See Core Competencies Requirement on page 25 for more information.

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<thead>
<tr>
<th>CRITICAL THINKING CC-CT</th>
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<td>THR 111, 112, 205</td>
<td>PTL 201</td>
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</table>

What is a core competency?
Core competencies are a required, noncredit, general education component of each degree program. Students complete assignments that are certified by faculty as demonstrating core competencies that faculty have identified as central to learning.
COURSES THAT MEET MASSTRANSFER REQUIREMENTS

Students planning to transfer to one of the state-supported universities or colleges in Massachusetts are eligible for MassTransfer. See MassTransfer on page 30 for more information.

MassTransfer provides community college graduates who complete designated associate degrees with the benefits of the full transfer and applicability of credit, guaranteed admission (2.500 GPA or higher) and a tuition discount (3.000 GPA or higher).

MassTransfer also provides students in the Massachusetts public higher education system the intermediate goal of completing a portable general education transfer block which will satisfy the general education/distribution/core requirements across institutions.

Listed on this page are all of the courses that meet MassTransfer requirements. In addition, there is a listing of courses that meet BCC's Literature requirement.

Please refer to the explanation of course codes in the table on page 106 before reading the course descriptions that begin on page 106.

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<th>ENGLISH COMPOSITION/WRITING ec</th>
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<td>FAS 103, 111, 113, 120, 123, 124, 156, 157, 163, 171, 172, 173, 210, 222, 225, 240, 245, 246, 297</td>
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<td>HIS 225</td>
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<tr>
<td>SPA 101, 102, 131, 132, 133, 134, 135, 201, 202, 221</td>
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<tr>
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<td>ENT 161, 162, 261, 262</td>
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<tr>
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<td>ENV 121</td>
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<tr>
<th>BEHAVIORAL/SOCIAL SCIENCES SS</th>
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<tr>
<td>ANT 101, 102, 125, 197</td>
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<td>HIS 113, 114, 117, 118, 121, 122, 208, 226, 228, 232, 244, 246, 238</td>
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<td>HON 298F</td>
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<td>PSY 107, 204, 206, 207, 208, 210, 226, 297</td>
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<tr>
<td>SOC 105, 121, 136, 197, 203, 208, 212, 216, 217, 219, 228, 232, 297</td>
</tr>
</tbody>
</table>

* 4-credit lab sciences
COURSE DESCRIPTIONS

To help select courses consistent with their academic plans, students should become thoroughly familiar with the explanation of course descriptions.

UNDERSTANDING COURSE DESCRIPTIONS

Berkshire Community College courses are offered by the College’s various academic departments. In addition to a course description, each listing provides some or all of the information shown in the following example of FAS-171, Pre-Renaissance Art History. In the example, FAS-171 fulfills BCC’s General Education Humanities and Fine Arts (HU) as well as the MassTransfer humanities and fine arts requirement (hu). The course also has one embedded core competency: Critical Thinking (CC-CT).

1 Course Designation (FAS)
   Identifies the department and/or category of the course.

2 Course Number (171)
   Courses numbered in the 100s are primarily designed for students in their first year of college. Courses in the 200s are mainly designed for students in their second year.

3 Course Title (Pre-Renaissance Art History)

4 Course Credits (3)
   The number of college credits assigned to the course. Most courses carry 3 credits. Courses with a required laboratory usually carry 4 credits.

5 Course Availability (Fall)
   If a course is not offered every semester, its availability is noted here. Common examples include courses that are offered only during a certain semester (i.e., Fall, Spring) or “as needed.”

6 Course Codes (SS/ss, CC-SK, CC-HU)
   Courses that fulfill Berkshire Community College’s general education and/or MassTransfer requirements include the two letter codes as shown.
   - Upper case letters identify courses that fulfill BCC general education requirements.
   - Lower case letters identify courses fulfilling MassTransfer requirements.
   - Courses that have embedded core competencies are identified with a four letter core competency code.

<table>
<thead>
<tr>
<th>COURSE CODES</th>
<th>BCC General Education</th>
<th>MassTransfer</th>
<th>Core Competency</th>
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<td>Communication</td>
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<tr>
<td>English Composition/Writing</td>
<td>EC</td>
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<tr>
<td>Environmental Studies</td>
<td>ES</td>
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<tr>
<td>Health/Fitness</td>
<td>HF</td>
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<tr>
<td>History</td>
<td>HI</td>
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<tr>
<td>Humanities and Fine Arts</td>
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<tr>
<td>Natural or Physical Laboratory Science</td>
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<tr>
<td>Natural or Physical Non-Laboratory Science</td>
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<tr>
<td>Mathematics</td>
<td>MA</td>
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<tr>
<td>Natural or Physical Science</td>
<td>SC</td>
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<tr>
<td>Behavioral and Social Science</td>
<td>SS</td>
<td>ss</td>
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<tr>
<td>Critical Thinking</td>
<td>SS-SK</td>
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<td>CC-SK</td>
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<tr>
<td>Oral Communication</td>
<td>CC-OC</td>
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<tr>
<td>Quantitative Reasoning and Logical Thinking</td>
<td>CC-QR</td>
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<tr>
<td>Written Communication</td>
<td>CC-WC</td>
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</tbody>
</table>

A descriptive survey of painting, sculpture, and architecture from ancient Egypt through the Gothic period. The religious and mythical character of the arts in ancient societies is emphasized. Lectures and discussions are illustrated by slides and visual materials. An art background is not required. Skills prerequisite: ENG-020 and ENG-080.
BCC currently offers more than 500 credit courses in 47 areas of study.

PREREQUISITES & OTHER INFORMATION
Some or all of the following information, appears at the end of affected course descriptions:

- Special grading situations (i.e., Pass/No Pass grading). For example, see RSP-107 on page 139; and
- Modular courses, which do not meet for an entire semester, indicate their duration (i.e., a five-week course). For example, see HSP-108 on page 128.
- Various prerequisites as shown below.

Skills Prerequisite
A skills prerequisite is a skill level that must be attained before enrolling in the course that lists the skills prerequisite. This may be accomplished by (1) successfully completing the listed course (2) demonstrating competency on BCC’s Learning Skills Assessment at a level higher than the skill level listed. In the example on the opposite page, FAS-171 lists ENG-020 and ENG-060 as a skills prerequisite. Therefore, a student must either successfully complete ENG-020 and ENG-060 before enrolling in AHS-121, or demonstrate the required English competency on the Learning Skills Assessment.

Prerequisite
A prerequisite course must be successfully completed before enrolling in the course that lists the prerequisite. For example, BUS-206 (see page 112) lists a prerequisite of BUS-107 or higher. Therefore, a student must successfully complete BUS-107 or higher before taking BUS-206.

Corequisite
A corequisite course must be taken at the same time as the course that lists the corequisite. For example, ECE-124 (see page 116) lists a corequisite of ECE-123. Therefore, a student should be enrolled in both ECE-123 and ECE-124 during the same semester.

Recommendation
Recommended courses are suggestions made by the faculty. For example, AHS-150 (see page 108) lists high school or college biology as a recommendation. Therefore, although not mandatory, it is in the best interest of the student to have completed a high school or college biology course before enrolling in AHS-150.

ALLIED HEALTH AHS

AHS-101
INTRODUCTION TO COMPLEMENTARY CARE & ALTERNATIVE MEDICINE
2 Credits • Fall • HF
An overview of the history, philosophy and approaches of complementary care and alternative medicine (CAM). A variety of categories of CAM and their integration into the western medicine model will be explored. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: Word processing skills recommended.

AHS-103
NUTRITIONAL AWARENESS
1 Credit • HF
A concise course in human nutrition. This course provides students with a basic understanding of the role of the major nutrient groups and the importance of diet in health and disease prevention. Essential information needed for students to become informed consumers in the areas of food selection and preparation will be included.

AHS-111
INTRODUCTION TO PATIENT CARE SKILLS & HEALTH CAREER EXPLORATION
3 Credits • Fall • HF
Employs a care-based learning methodology through life-sized simulation and explores a variety of career options with common basic skills related to health care occupations. Students will learn vital signs, sterile techniques, handling of body fluids and a basic introduction to body mechanics, proper chart documentation; ethics; professionalism; cultural diversity; communication skills; Internet exploration techniques; and career exploration related to health care occupations. Two lecture hours and two lab hours per week. Skills prerequisite: ENG-010. Skills corequisite: ENG-020 and ENG-060 or permission of the instructor.

AHS-115
FUNDAMENTALS OF HUMAN DISEASE
3 Credits • SC
An introduction to human disease. Topics include definition, etiology (cause), clinical findings (signs and symptoms) and treatment of a variety of human diseases and disorders. Skills prerequisites: ENG-020 and ENG-060. Prerequisites: College prep high school biology with a C or better within 5 years or BIO-101, BIO-105 or BIO-150.

AHS-121
ESSENTIALS OF PHARMACOLOGY
3 Credits • Spring • SCs
An introduction to the study of drugs. This course covers how various medications interact with human bodily functions in the treatment or prevention of illness. Skills prerequisite: ENG-020 and ENG-060. Corequisite: MAT-028A.

AHS-129
MEDICAL TERMINOLOGY
3 Credits • SC
The development of an extensive medical vocabulary. The course addresses the medical terms associated with body systems, including names, functions, malfunctions and diseases. Terminology covering diagnosis, treatment and medications is also covered. Skills prerequisite: ENG-020 and ENG-060. Recommendation: High school or college biology or anatomy and physiology.

AHS-131
ORIENTATION TO THE MUSCULOSKELETAL SYSTEM
2 Credits
An introduction to the anatomy and physiology of the musculoskeletal system. Students will be working with anatomical skeletons, lab partners, drawings, observation and lectures. Students will develop a working familiarity of bones and bony landmarks, muscle origins, insertions and actions and joint dynamics. This course will include one hour of lecture and two hours of hands-on supervised laboratory experience a week. Skills prerequisites: ENG-020 and ENG-060.

AHS-142
EXERCISE SCIENCE
3 Credits • HF • CC-CT
A comprehensive three-credit course designed to teach students the overall basics of exercise physiology and mechanics of exercise movement. Anatomy as it relates to exercise will be taught in depth in conjunction with movement terminology. Students will also learn practical methodology for exercise physical evaluation including measurement and assessment of blood pressure, body composition and the cardiovascular system. Skills prerequisite: ENG-020 and ENG-060.

AHS-148
RESPONDING TO MEDICAL EMERGENCIES
2 Credits • HF • CC-CT
The theory and practice of rescue skills used in emergency situations. The purpose of this course is to prepare rescuers with the knowledge and skills necessary to sustain life and minimize injury or sudden illness. Successful completion yields a two year American Red Cross certification in CPR/AED for the professional rescuer and first aid. Students may be required to pay an additional fee to the American Red Cross for supplies. A ten-week course. Skills prerequisite: ENG-020.
AHS-150 INTRODUCTION TO NUTRITION
3 Credits • SC/ns
A focus on the fundamental principles and practices essential in nutrition to maintain health. This course emphasizes improvement of nutritional status through proper diet. Skills prerequisite: ENG-020 and ENG-060. Recommendation: High school or college biology.

AHS-155 STRESS & YOUR HEALTH
3 Credits • HF
A comprehensive survey of the effects of stress on human health and physiology. This course identifies the effects of stress on major body systems and examines the role of exercise, nutrition and relaxation in stress reduction and prevention. Skills prerequisite: ENG-020 and ENG-060.

AHS-162 APPLIED VISCERAL ANATOMY
2 Credits • Spring • HF
An overview of how visceral anatomy interacts with everyday life functions. This course is designed to emphasize how basic physiology of the visceral system can be observed and demonstrated through hands on activities and how external factors can affect the visceral systems. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: BIO-150 or BIO-201.

AHS-170 MEDICAL ASSISTING STUDIES
32 Credits • HF
An instructional course completed at McCann Technical School that prepares individuals to function in a physician’s office or health care facility performing business administration and clinical medical office skills. Business aspects include correspondence, medical records management, insurance billing, appointment scheduling and medical transcription. Clinical aspects include preparation of the patient for and assisting with physical examination and treatment, assessment of vital signs, patient education, preparation and administration of medications, routine laboratory procedures including blood drawing and performing electrocardiography. This course only applies to matriculated students in the Health Science–Medical Assisting option.

AHS-171 SURGICAL TECHNOLOGY STUDIES
32 Credits • HF
An instructional course completed at McCann Technical School that prepares the beginning practitioner with the knowledge, skills and abilities necessary to provide services in the operating room as a Surgical Technologist. Instruction includes components of the basic sciences, safe patient care, operating room techniques, surgical procedures and clinical practice. This course only applies to matriculated students in the Health Science–Surgical Technology option.

AHS-172 DENTAL ASSISTING STUDIES
32 Credits • HF
An instructional course completed at McCann Technical School that prepares individuals to assist a dentist at chairside. This preparation includes office procedures, performance of radiographic techniques and selected laboratory tasks. McCann graduates are eligible to sit for the Certified Dental Assistant (CDA) examination as administered by the Dental Assisting National Board (DANB). This course includes academic and clinical procedure preparation and general and specialty externships in carefully selected private dental offices and clinics. This course only applies to matriculated students in the Health Science–Dental Assisting option.

AHS-220 PRINCIPLES OF FITNESS COMPONENTS
3 Credits
An in-depth, critical look at the individual fitness components and their significance to cultural lifestyle and overall personal health. The focus will be not only on the scientific background of each component but on the sociocultural aspects as well. Specific components to be addressed will include body composition, flexibility, cardiovascular conditioning and muscular strength and endurance. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: PED-180 or permission of the instructor. Recommendation: BIO-150 or a background in human anatomy.

AHS-230 PATHOPHYSIOLOGY
3 Credits • SC/ns
An introduction to the various types of human diseases. Topics include the definition, etiology, pathophysiology, clinical findings, diagnosis, prognosis, management and possible complications of a variety of human diseases. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: BIO-101 or BIO-102 or BIO-201 and BIO-202, or permission of the instructor.

AHS-235 FITNESS PROGRAM PLANNING
3 Credits
An exploration of the steps involved in preparation, development, implementation and evaluation of fitness program design. The focus will be on program planning and development for community-based fitness clubs and worksite settings. Students will be required to plan a fitness program of their own as part of the coursework. Skills prerequisites: ENG-020 and ENG-060. Prerequisites: PED-170 or a strong background in exercise and permission of the instructor.

AHS-238 MIND/BODY THEORY & METHODS
3 Credits • HF
An exploration of a variety of techniques that combine a strong emphasis in utilizing both the mind and the body simultaneously. Practices such as Yoga, Pilates, Tai Chi and walking meditation will be included in this course. Skills prerequisite: ENG-020 and ENG-060.

AHS-275 INDEPENDENT STUDY IN ALLIED HEALTH
1–4 Credits
Independent study for students with a foundation in the field. Student and instructor determine the project and the number of credits to be earned. A formal problem, a review of the literature, field work or internship and written or oral presentations are often involved. Regularly scheduled meetings between student and instructor are required. Prerequisite: Permission of the instructor.

AHS-297 SPECIAL TOPICS IN HEALTH CARE
1–3 Credits
Specific course content in current health care issues as determined by the allied health department. Details are included in pre-registration materials.

ANT-101 CULTURAL ANTHROPOLOGY
3 Credits • SS/ss
An introduction to the peoples and cultures of the world. This course investigates the factors that produce different ways of life, belief systems and behavior patterns and examines what is considered ‘normal’ from the perspective of different cultures. Skills prerequisite: ENG-010.
COURSE DESCRIPTIONS

ANT-197
SPECIAL TOPICS IN ANTHROPOLOGY
3 Credits • SS/ls
Specifies course content at the discretion of the department. Details are in preregistration materials.

ANT-275
INDEPENDENT STUDY IN ANTHROPOLOGY
1–3 Credits
Tutorials in which student and instructor determine a project and the number of credits to be earned. Prerequisite: One previous course in anthropology and the permission of the instructor.

ANT-276
INDEPENDENT STUDY IN ANTHROPOLOGY II
1–3 Credits
Tutorials in which student and instructor determine a project and the number of credits to be earned. Prerequisite: One previous course in anthropology and permission of the instructor.

ATM-126
EXTREME WEATHER: PAST, PRESENT & FUTURE
3 Credits • SC/ns
A study of extreme weather events (hurricanes, floods, tornadoes, blizzards, drought, etc.) from a variety of perspectives. The course examines the atmospheric processes involved in the formation, evolution and destruction caused by these events as well as the human impact in the region affected. Historic cases and real-time events will be utilized to illustrate these processes and impacts. In addition, the possible effect of global warming on the number and severity of different extreme weather events will be studied. In particular, evidence will be examined to help determine if there has already been a change over the past century and whether further, perhaps more profound change is likely in the future. The physical basis for these changes and possible impacts on human society will also be examined. Skills prerequisite: ENG-020 and ENG-060.

ATM-135
INTRODUCTION TO ASTRONOMY & THE NIGHT SKY
3 Credits • As Needed • SC/ns
An introduction to contemporary astronomy with attention to light optic visible objects. In addition to learning northern hemisphere constellations, students will learn about astronomical time and measurement, life cycles of stars, nebulae, galaxies, comets, auroras and eclipses. Details about solar system dynamics, the moon, our planets, the sun and their impact on earth’s ecology and life cycles will also be discussed. In addition, basic techniques of astronomical photography are covered. Skills prerequisite: ENG-020, ENG-060 and MAT-018.

ATM-145
INTRODUCTION TO METEOROLOGY
4 Credits • As Needed • SC/ns
An introduction to the science of the atmosphere. This course will present an introduction to the physical processes governing the weather that we observe every day and the weather and climate issues that are so important to the human condition. This course is intended as both a general information course for both science and non-science oriented students and an introduction to meteorology for those students who may be considering a career in the atmospheric sciences. Skills prerequisite: ENG-020 and ENG-060.

ATM-145A
INTRODUCTION TO METEOROLOGY
3 Credits • As Needed • SC/ns
An introduction to the science of the atmosphere. This course will present an introduction to the physical processes governing the weather that we observe every day and the weather and climate issues that are so important to the human condition. This course is intended as both a general information course for both science and non-science oriented students and an introduction to meteorology for those students who may be considering a career in the atmospheric sciences. Skills prerequisite: ENG-020 and ENG-060.

ATM-209
WEATHER WORKSHOP
1 Credit
Intended to complement coursework in ATM-210 as well as provide training for upper-level weather analysis and forecasting classes to be taken upon transfer to baccalaureate programs in Atmospheric Science. The course is designed to teach students how to decode, interpret and understand weather data and apply it to real world weather scenarios. Prerequisites: ATM-145, ENM-151 and PHY-101. Corequisite: ATM-210.

ATM-210
ATMOSPHERIC STRUCTURE, THERMODYNAMICS CIRCULATION
3 Credits • SC/ns • CC-CT
A technical survey of the atmosphere with application of physical and mathematical concepts. The course is designed to explore many of the concepts learned in Introduction to Meteorology in a more detailed manner by applying learned physics and mathematical principles to evaluate and understand the fundamental properties and behaviors of earth’s atmosphere that govern weather and climate. Prerequisites: ATM-145, ENM-151 and PHY-101. Corequisite: ATM-209.

ATM-211
WEATHER ANALYSIS & FORECASTING
4 Credits • Spring • SC/ns • CC-CT
An introduction to the use and interpretation of observed weather data, satellite and radar imagery and atmospheric soundings; horizontal atmospheric forces and force balances; air masses and fronts; extratropical cyclone development and structure; mid-latitude flow properties; temperature and precipitation forecasting. This course will teach students how to understand the fundamental “synoptic-scale” processes of the atmosphere, evaluate real-time weather data and apply this knowledge and information to generate weather forecasts. Prerequisites: ATM-209 and ATM-210.

“Teaching is personally fulfilling. I get to project my love of the material and I enjoy the student interaction.”

Dr. Joseph Kravitz
Program Advisor, Atmospheric Science
COURSE DESCRIPTIONS

BCC STUDENT SUCCESS BCC

BCC-101
STUDENT SUCCESS SEMINAR
1 Credit
A seminar designed to acquaint first semester students to higher education. This course will encourage students’ personal growth in a supportive environment and enhance their opportunity for academic success by building a sense of connectedness to BCC.

BCC-102
STUDENT SUCCESS SEMINAR FOR MATH
1 Credit • As Needed
A semester-long course designed to support students who are enrolled in mathematics courses to develop the strategies, skills and persistence necessary for success. This course will help students understand the practical applications of math, to learn the skills necessary for mathematical proficiency and to gain confidence in their ability to successfully navigate their mathematics courses at BCC.

BIOLOGY BIO

BIO-101
GENERAL BIOLOGY I
4 Credits • SC/ls • CC-CT

BIO-102
GENERAL BIOLOGY II
4 Credits • Spring & Summer • SC/ls • CC-QR
A continuation of BIO-101. This course focuses on the diversity of living things and their interdependence. It includes the classification of organisms, their component systems and their role in the world ecosystem. Weekly laboratory. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: BIO-101 or permission of the instructor.

BIO-103
INTRODUCTORY ANIMAL SCIENCE
4 Credits • Fall • SC
An introduction to the general principles of animal science as applied to the major domestic animal groups. Nutrition, reproduction, anatomy, pathology and breed types are emphasized with regard to the recreational, pet, dairy and meat industries. Field laboratories are held at various breed operations. Skills prerequisite: ENG-020 and ENG-060.

BIO-105
FUNDAMENTALS OF BIOLOGY
4 Credits • SC
Intended for students with limited science backgrounds planning to enter more advanced biology courses. Studies cellular biology of animal and plant cells. Introduces the interrelationships of living systems. Weekly labs. This course does not fulfill the natural/physical lab science requirement for AA programs. Skills prerequisite: ENG-020 and ENG-060.

BIO-109
INTRODUCTORY ECOLOGY I
4 Credits • Fall • SC/ls
Primarily theoretical ecology. Topics covered in lecture and laboratory include ecosystem concept, ecological energetics, biogeochemical cycling, limiting factors, habitat types and ecological succession. Skills prerequisite: ENG-020 and ENG-060.

BIO-110
INTRODUCTORY ECOLOGY II
4 Credits • Spring • SC/ls
A continuation of BIO-109 which may be elected separately. Lecture and laboratory topics include community dynamics, climatology, population ecology, behavioral ecology and environmental health. Skills prerequisite: ENG-020 and ENG-060.

BIO-111
INTRODUCTION TO BOTANY
4 Credits • Spring • SC/ls
The biology, ecology and taxonomy of plants and their role in human civilization. Structure and function, metabolism, growth and physiology, genetics, evolution and adaptations are included. Laboratories emphasize structure, function, growth and taxonomy. A plant collection may be required. Skills prerequisite: ENG-020 and ENG-060.

BIO-112
ZOOLOGY
4 Credits • Fall • SC/ls
An introduction to the organization and evolution of animals, including invertebrates and vertebrates. This course examines how various animal groups have solved the biological problems common to all life. Skills prerequisite: ENG-020 and ENG-060.

BIO-116
ANIMAL CARE PRACTICUM
2 Credits • Spring
A sponsored work program in one or two areas of concentration. Clinical experience will be provided for students training for veterinary assistant positions; sponsors at working farms will offer training in large animal care and management. Approximately 300 hours (20 hours/week) of work experience is required. Prerequisite: MAT-028B or equivalency and permission of program advisor.

BIO-117
ANIMAL CARE SEMINAR
1 Credit • Spring • CC-WC
An informal seminar program dedicated to discussion and exchange of ideas in applied animal care fields. The course provides an opportunity to challenge and evaluate the thinking of other participants, with lectures and presentations by area professionals. Skills prerequisite: ENG-020 and ENG-060.

BIO-118
ANIMAL BEHAVIOR
3 Credits • Fall
An introduction to the concepts of animal behavior. The emphasis is on behavioral evolution, the physiology of behavior and animal behavior encountered in working with both wild and domestic species. This course is open to any student interested in learning more about animals. Skills prerequisite: ENG-020 and ENG-060.

BIO-119
ANIMAL NUTRITION & HEALTH
4 Credits
An introduction to domestic animal nutrition and health care. Topics include basic nutritional requirements, digestive processes, common feeding practices, routine animal health maintenance and domestic animal pathology and parasitology. Prerequisite: BIO-103 or permission of the instructor.

BIO-132
BIOLOGICAL LABORATORY TECHNIQUES
1 Credit • SC
A survey of fundamental biological laboratory techniques. The course covers laboratory safety, data recording and documentation, use of common laboratory equipment, preparation of solutions, compound separation and identification, microscopy, microbiological techniques and experimental design. Prerequisite: BIO-101 or BIO-105 or permission of the instructor.

BIO-150
INTRODUCTION TO THE HUMAN BODY
4 Credits
An introduction to the structure and function of the human body. Emphasis is placed on the homeostatic mechanisms that serve to maintain normal organ function and the diseases and disorders that result from loss of this balance. For LPN students and others who do not need a laboratory science. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: High school college prep biology within the past five years with a 73 or better or, BIO-101 or BIO-105.

BIO-175
BRAIN, MIND & BEHAVIOR: AN INTRODUCTION TO BIOPSYCHOLOGY
3 Credits • Spring • SC/ls • CC-CT
An introduction to the study of biological foundations of behavior, thought and emotion. This course examines current theory on the evolution, development, structure and function of the brain with emphasis on the human brain.
on the ways that experience, physiology and genes influence the brain, mind and behavior. Students will explore how biopsychological methods are applied to the study of movement, sensation and perception; emotion and cognition; sleep and wakefulness; and reproduction and sexual behavior. And through clinical case studies, students will explore the biopsychological factors that contribute to the development of neurological diseases and psychological disorders. Skills prerequisite: ENG-020 and ENG-060.

BIO-180
THE BIOLOGY OF SEX & GENDER
3 Credits • SS/CS • CC-CT • CC-WC
An exploration of the biological processes that direct the sexual specialization of the body and brain. Students will review the scientific evidence for sex based differences in human physiology, health, behavior and cognition. Case histories, essays and articles will be used to explore current controversies in gender biology including: the biological basis of sexual orientation and gender identity; and the ethical treatment of intersexed and transgendered individuals. Prerequisite: ENG-101 or permission of the instructor.

BIO-201
ANATOMY & PHYSIOLOGY I
4 Credits • SS/CS • CC-CT
The structure of the human body, including microscopic anatomy and the principles involved in the functioning and integration of the various body systems. This course covers, cells, tissues, the integumentary, skeletal, articular, muscular, nervous and sensory systems. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: BIO-105 with a minimum grade of B- or BIO-101 with a minimum grade of C or permission of the instructor.

BIO-202
ANATOMY & PHYSIOLOGY II
4 Credits • SS/CS • CC-CT
A continuation of BIO-201. This course covers the endocrine, circulatory, lymphatic, respiratory, digestive, urinary and reproductive systems, as well as fluids and electrolytes. Prerequisite: BIO-201 or permission of the instructor.

BIO-207
MICROBIOLOGY
4 Credits • SS/CS
An introduction to bacteria and other microorganisms — their scope, morphology, cultural characteristics and metabolism — and to immunology and the role of the microorganism in health and disease. Additional topics include viruses and cancer, serology, theories of antibody formation and the immune response as related to transplants and autoimmune diseases. Prerequisite: BIO-101 or BIO-105 or permission of the instructor.

BIO-208
ORNITHOLOGY
4 Credits • As Needed • SS/CS
An introduction to the study of birds — their identification, relationships, life histories and ecological importance. This course is suitable for both science and non-science majors and includes weekly field trips during appropriate weather.

BIO-230
BIOTECHNOLOGY
4 Credits • SS/CS
An introduction to biotechnology including medical, agricultural, environmental and chemical biotechnology. Additional topics include bio-informatics, traditional food production and bioethics. The course is designed to provide biotechnological knowledge as well as practical skills preparing students for professions or further studies in the field. Prerequisites: BIO-101, BIO-132, CHM-101 or CHM-150 or permission of the instructor.

BUS-105
BUSINESS MATHEMATICS
3 Credits
A study of mathematical problems often encountered by employees and consumers. Problems relate to banking, retailing, finance, taxation and payroll. Skills prerequisite: MAT-018C.

BUS-111
PRINCIPLES OF ACCOUNTING I
3 Credits
An introduction to the environment and operation of business organizations. Course topics include the social and economic environment of business; types of business organizations; and business activities such as management, finance and marketing. A term project is required. Skills prerequisite: ENG-020.

BUS-112
PRINCIPLES OF ACCOUNTING II
3 Credits
A continuation of BUS-111. This course covers internal control, special accounting systems and cash control. A substantial time commitment is required. Skills prerequisite: MAT-018C and ENG-020.
BUS-139
INTRODUCTION TO PERSONAL FINANCE
3 Credits
Provides a hands-on, interactive approach to life skills management of personal finance and insurance. Students will be exposed to strategies for personal financial planning, successful money management (savings strategies, managing debt) and personal risk management (life, health, property and casualty insurance). As part of a course project, students will create their own personal financial plan.

BUS-206
PRINCIPLES OF MANAGEMENT
3 Credits
A study of management theory and application which examines classical, contemporary and emerging theories in conjunction with productivity and human motivation. Course content includes the functions of planning, organizing, leading, and controlling, and emphasizes the skills required for managerial success. Team case presentations provide the basis for class discussion. **Prerequisite:** BUS-107.

BUS-208
PRINCIPLES OF MARKETING
3 Credits
An exploration of the knowledge, skills, attitudes and processes required to create customer satisfaction profitably by building value-laden relationships in an ever-changing world. Students consider emerging trends and forces impacting marketing opportunities and strategies which apply to the four major principles of product, pricing, distribution and promotion; marketing management in the global market; and social responsibility. Team case presentations provide the basis for class discussion. **Prerequisite:** BUS-107 or permission of the instructor.

BUS-219
ORGANIZATIONAL BEHAVIOR
3 Credits
An examination of the behavior of individuals and groups in organizations. Such topics as human motivation, job satisfaction and stress, perception and attitudes, change, conflict resolution, influence, leadership, corporate culture, power and status are explored. Case studies place students in the role of decision maker and form the basis for discussion. **Prerequisite:** BUS-107.

BUS-220
MANAGERIAL ACCOUNTING
3 Credits • As Needed • CC-CT • CC-QR
An examination of the process of gathering and analyzing accounting data for use by managers in planning, decision making and controlling. This course uses computerized spreadsheet applications in analyzing the performance of product lines and other segments of a firm, pricing strategy, cost-volume-profit relationships, budgeting and capital investment decisions. **Prerequisite:** C or better in BUS-112 or permission of the instructor.

BUS-243
INTRODUCTION TO NON-PROFIT MANAGEMENT
3 Credits
An introduction into what makes a successful non-profit organization. Topics include are formation and management of a non-profit organization, fundraising strategies and management/leadership styles.

BUS-247
BUSINESS COMMUNICATIONS
3 Credits • CC-WC
An examination of communication in the business organization, with emphasis on techniques of effective writing applied to letters, reports and memoranda. Other topics may include resume preparation and cross-cultural written communication. **Prerequisite:** C or better in ENG-101 or ENG-103 or permission of the instructor.

BUS-251
BUSINESS LAW I
3 Credits
An introduction to the legal principles of business. This course concentrates on the essential elements of legally enforceable contracts, personal property and bailments, agency and employment law and an overview of the Uniform Commercial Code as it applies to the sale of goods. An introduction to the American legal system and to tort law is also included. The text is supplemented by case discussions. **Skills prerequisite:** ENG-020.

BUS-255
PRINCIPLES OF FINANCE
3 Credits • As Needed • CC-CT • CC-QR
An examination of the acquisition of funds in today’s corporations. Topics include shareholder wealth maximization concepts, working capital management, alternative forms of short- and long-term funds, financial analysis, mergers, leveraged buy-outs (LBOs) and capital budgeting. **Prerequisite:** BUS-111.

BUS-257
BUSINESS ETHICS
3 Credits • CC-WC
A study of the role of ethical behavior in business. Students learn about the values and behavior they most admire in people, organizations and society. One focus is that of determining the criteria most often used in ethical decision making. Another is on organizations that prosper and decline as a result of their ethical decisions. Through classroom discussion and short written assignments, students discover or reinforce their personal values and learn how to improve their business environments. **Prerequisite:** Sophomore standing or permission of the instructor.

BUS-275
INDEPENDENT STUDY IN BUSINESS
1–4 Credits
Independent study for students with a foundation in the field. Student and instructor determine the project and the number of credits to be earned. A formal problem, a review of the literature, field work and written or verbal presentations are often involved. Regularly scheduled meetings between student and instructor are required. **Prerequisite:** Permission of the instructor.

BUS-285
COORDINATED EDUCATION IN BUSINESS I
3 Credits
See Experiential Learning (EXL).

BUS-286
COORDINATED EDUCATION IN BUSINESS II
1–4 Credits
See Experiential Learning (EXL).

BUS-297
SPECIAL TOPICS IN BUSINESS
1–4 Credits
Specific course content at the discretion of the department. Details are in pre-registration materials.

CHEMISTRY CHM

CHM-101
INTRODUCTORY CHEMISTRY I
4 Credits • Summer & Fall • SC/ls
A laboratory science course for students planning to transfer. Topics include: atoms, measurements, moles, quantum mechanical model of the atom, periodic properties, molecules and compounds, Lewis structures and molecular geometry, chemical reactions, chemical quantities, solutions, aqueous reactions and thermochemistry. **Prerequisite:** One year of algebra or permission of the instructor.

CHM-102
INTRODUCTORY CHEMISTRY II
4 Credits • Spring & Summer • SC/ls • CC-QR
A continuation of CHM-101. Topics include: gases, liquids, solids, intermolecular forces, phase diagrams, solutions, kinetics, equilibrium, acids and bases, free energy, thermodynamics, electrochemistry and oxidation-reduction. **Prerequisite:** CHM-101 or permission of the instructor.
CHM-150
ESSENTIALS OF CHEMISTRY
3 Credits  SC  CC-QR
For students who need review before entering a health-related pro-
gram or CHM-101. Topics covered include the metric system, atomic
structure, periodic table, chemical bonding, chemical reactions, mole
and mass calculations, gas laws, radioactivity, solutions, concentra-
tions, acids, bases and buffer systems. Skills prerequisite: ENG-020
and ENG-060. Skills corequisite: MAT-028A.

CHM-201
ORGANIC CHEMISTRY I
4 Credits  Fall  SC/ls  CC-CT  CC-WC
A one-semester course suitable for allied health majors. Topics
include alkanes, nomenclature, stereochemistry, the major functional
groups of biological molecules (alkenes, alcohols, ethers, aldehydes
and ketones, acids and derivatives and amines) and simple biomol-
ecules (fats, carbohydrates and proteins). Prerequisite: CHM-101
and CHM-102.

CHM-202
ORGANIC CHEMISTRY II
4 Credits  Spring  SC/ls
A continuation of CHM-201. Topics include alkyl and aryl halides,
aromaticity, arenes, phenols, carbanions, NMR and IR, substitution,
solvent role, mechanisms, rearrangements and macromolecules.
Extensive work solving problems. Prerequisite: CHM-201.

CHM-275
INDEPENDENT STUDY IN CHEMISTRY
1–4 Credits
Tutorials in which student and instructor determine the project and
the number of credits to be earned subject to approval by the depart-
ment chair.

COMMUNICATION
COM-104
INTRODUCTION TO INTERPERSONAL COMMUNICATION
3 Credits  CO/hu  CC-OC  CC-WC
A study of interpersonal communication designed to examine, develop,
strengthen and maintain interpersonal relationships. Discussions
focus on nonverbal (proxemics, territoriality) and verbal (semantics,
paralanguage) communication. Presentations, class discussions and
group techniques are used in class. Skills prerequisite: ENG-020
and ENG-060.

COM-105
INTRODUCTION TO ORAL COMMUNICATION
3 Credits  CO/hu  CC-OC
An introduction to basic principles of speaking in public and the devel-
opment of confidence and poise in the speaker. Performances include
informative and persuasive speeches and speeches using visual aids.
The course also encompasses basic research, analysis and outlining.
Skills prerequisite: ENG-020 and ENG-060.

COM-106
INTRODUCTION TO ORAL INTERPRETATION OF LITERATURE
3 Credits  As Needed  CO/hu  CC-OC
Performance techniques through reading various forms of literature
to an audience. A written analysis is required for each reading. Skills
prerequisite: ENG-020 and ENG-060.

COM-107
INTRODUCTION TO ORAL COMMUNICATION IN BUSINESS
3 Credits  As Needed  CO/hu  CC-OC  CC-WC
A study of speaking skills appropriate to a business setting. This course
includes presenting oral reports, conducting information- gather-
ing interviews, establishing goodwill through motivational talks and
participating in group decision making. Skills prerequisite: ENG-020
and ENG-060.

COMPUTER INFORMATION
SYSTEMS CIS
CIS-102
FUNDAMENTAL COMPUTER LITERACY
4 Credits
An experiential computer literacy course using common microcom-
puter applications. The course covers word processing, spreadsheets,
presentation software, file management and Internet/Web search
skills using a hands-on approach to problem solving in the computer
laboratory. The emphasis is on applying these software packages as
decision-making tools to real world problems. An online course
management system will be used to provide instructional support via
the Internet. Skills prerequisite: ENG-020 and MAT-018C.

CIS-104
INTRODUCTION TO INTERPERSONAL COMMUNICATION
3 Credits  CO/hu  CC-OC  CC-WC
A study of interpersonal communication designed to examine, develop,
strengthen and maintain interpersonal relationships. Discussions
focus on nonverbal (proxemics, territoriality) and verbal (semantics,
paralanguage) communication. Presentations, class discussions and
group techniques are used in class. Skills prerequisite: ENG-020
and ENG-060.

CIS-124
C++ PROGRAMMING I
4 Credits  CC-QR
A course in microcomputer software design using objects. This course
is an introduction to C++ and object-oriented programming. Topics
include objects, control structures, functions, arrays and structs. An
online course management system will be used to provide instructional
support via the Internet. Credit is not granted for both CIS-124 and
ENT-183. Skills prerequisite: ENG-020 and MAT-029 or permission of
the instructor.

CIS-125
C++ PROGRAMMING II
4 Credits  CC-CT  CC-QR
A continuation of CIS-124. Topics include pointers, string manipula-
tion, structured data, objects, classes, inheritance, polymorphism,
advanced file handling, virtual functions and recursion. An online
course management system will be used to provide instructional lab
support via the Internet. Prerequisite: C+ or better in CIS-124 and
MAT-102 or permission of the instructor.

CIS-153
SYSTEMS OPERATIONS
4 Credits
A hands-on course which introduces students to computer hardware,
PC operating system software and software installation. Students will
examine internal components of a PC, giving them the ability to con-
fidently upgrade, troubleshoot and/or repair a PC. The opportunity to
partition and format hard drives as well as install and upgrade various
operating systems will be provided. The course demonstrates meth-
ods for end-user, diagnostic evaluation using commercially available
software packages necessary in PC maintenance. An online course
management system may be used to provide instructional support
via the Internet. Corequisite: CIS-102 or permission of the instructor.

CIS-155
WEB DEVELOPMENT
3 Credits
An experiential web programming course using common web program-
ning languages and their real world applications. Concepts and pro-
gramming languages covered include: document structure (XHTML),
formal layout (CSS), interactivity (JavaScript) and structure of content
(XML). Students learn how to organize and present information on
the World Wide Web. Skills prerequisite: CIS-102 or permission of
the instructor.

CIS-180
INTRODUCTION TO NETWORKS
4 Credits
First course of a four course sequence designed to provide students
with classroom and laboratory experience in current and emerging
networking technologies while beginning student’s preparation for
professional certifications. This course introduces the architecture,
structure, functions, components and models of the Internet and other
computer networks. The principles and structure of IP addressing and
the fundamentals of Ethernet concepts, media and operations are
introduced to provide a foundation for advancement in networking.
By the end of the course, students will be able to build simple LANs,
perform basic configurations of routers and switches and implement
IP addressing schemes. Skills prerequisites: ENG-020, ENG-060 and
MAT-029 or permission of the instructor. Recommendation: CIS-153.
COURSE DESCRIPTIONS

CIS-181
ROUTING & SWITCHING ESSENTIALS
4 Credits
Second course of a four course sequence describes the architecture, components and operation of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with routing protocols, virtual LANs and inter-VLAN routing in both IPv4 and IPv6 networks. In addition, students will be prepared for the Entry Networking Technician Certification (CCENT). Prerequisite: C+ or better in CIS-180 or permission of the instructor.

CIS-203
SYSTEMS DESIGN
3 Credits • Spring
The technical aspects of systems design such as the systems perspective, techniques for analyzing systems, systems control, documentation, file design, organizing a data processing department and making feasibility studies. Both manual and automated systems are studied.

CIS-211
DATA STRUCTURES
4 Credits • Fall • CC-CT • CC-QR
A course concerned with the representation of data structures and the design and analysis of algorithms that manipulate these structures. Topics include arrays, stacks, queues, deques, lists, linked lists, trees, recursion, hashing, searching and sorting techniques. Prerequisite: C+ or better in CIS-125 or permission of the instructor.

CIS-225
SPREADSHEETS & DATABASES FOR PROFESSIONALS
4 Credits
Designed for students who have prior hands-on experience with computers and software such as Windows, word processing applications, spreadsheet functions/formulas and presentation/slideshow applications. This course explores the power of spreadsheet and database productivity software. Specific course topics may include advanced spreadsheet concepts, statistical functions, specialized functions, what-if data analysis, large workbooks, macros, VBA, PivotTables, Pivot-Chart reports as well as basic database concepts, tables, forms, queries and reports. Prerequisite: C+ or better in CIS-102 or permission of the instructor.

CIS-231
COMPUTER SCIENCE I WITH JAVA
4 Credits • CC-CT • CC-QR
A study of computer programming using the Java language. The course will cover creating stand-alone applications and applets. Topics include control structures, Graphical User Interface (GUI) design, object oriented design, the use of Java class libraries, user-defined methods and classes, inheritance, exception handling and graphics. Prerequisite: C+ or better in CIS-124 and MAT-102 or permission of the instructor.

CIS-232
COMPUTER SCIENCE II WITH JAVA
4 Credits • CC-CT • CC-QR
A continuation of CIS-231. Topics include classes and objects with I/O serialization, collections and utilities, multi-threading, advanced GUI's, Java beans and relational databases. Prerequisite: C+ or better in CIS-231 or permission of the instructor.

CIS-240
SCALING NETWORKS
4 Credits
Third course of a four course sequence provides the in depth exposure to the architecture, components and operations of routers and switches in larger and more complex networks. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with routing protocols and spanning tree protocols in IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement a Wireless LAN in a small-to-medium network. Prerequisites: C+ or better in CIS-181 or permission of the instructor.

CIS-241
CONNECTING NETWORKS
4 Credits • CC-CT
Discusses the Wide Area Network (WAN) technologies and network services required by converged applications in a complex network. The course enables students to understand the selection criteria of network devices and WAN technologies to meet network requirements. Students learn how to configure and troubleshoot network devices and resolve common issues with data link protocols. Students will also develop the knowledge and skills needed to implement virtual private network (VPN) operations in a complex network. Completing this course of the four course sequence will prepare the student for the Associate-level certifications in Networking (CCNA). Prerequisites: C+ or better in CIS-240 or permission of the instructor.

CIS-255
FUNDAMENTALS OF WIRELESS LANS
3 Credits
An introduction to the design, planning, implementation, operation and troubleshooting of wireless networks. This course provides a comprehensive overview of technologies, security and design best practices with particular emphasis on hands-on skills. Prerequisite: CIS-180, CIS-181 and CIS-240 or permission of the instructor.

CIS-256
NETWORK SECURITY
4 Credits
A next step for individuals who want to enhance their network routing and switching skill set to help meet the growing demand for network security professionals. The course provides an introduction to the core security concepts and skills needed for the installation, troubleshooting and monitoring of network devices to maintain the integrity, confidentiality and availability of data and devices. Prerequisite: CIS-181 or permission of the instructor.

CIS-275
INDEPENDENT STUDY IN COMPUTER INFORMATION SYSTEMS
1–4 Credits
For students with a foundation in the field. Student and instructor determine the project and the number of credits to be earned. Literature search, field work and written or oral reports may be involved. Regularly scheduled meetings between student and instructor are required. Prerequisite: Permission of the instructor.

CIS-297
SPECIAL TOPICS IN COMPUTER INFORMATION SYSTEMS
3–4 Credits
Specific course content and prerequisites vary from semester to semester. Details are in pre-registration materials.

CRIMINAL JUSTICE CRJ

CRJ-105
INTRODUCTION TO CRIMINAL JUSTICE
3 Credits • Fall & Spring
*History, development, philosophy and constitutional aspects of the U.S. criminal justice system. Emphasis will be on actual situations confronting police, prosecutors, judges, probation officers, correctional officers and prison administrators, parole boards and other practitioners in the field. Skills prerequisite: ENG-020 and ENG-060.

CRJ-108
SUBSTANCE ABUSE EDUCATION
3 Credits • Fall & Spring • NF • CC-QC
A survey of alcohol and other drug use in America. Designed for a wide range of students, this course examines substance abuse from several perspectives. These include legal, physical/medical, psychological, social/cultural and historical, plus new and existing models for prevention and treatment. Skills prerequisite: ENG-020 and ENG-060.

CRJ-109
POLICE & COMMUNITY RELATIONS
3 Credits • Fall & Spring
A study of social and psychological factors which police must consider as they strive to enforce the law while maintaining a healthy relationship with the community. Critical issues discussed include the role and image of the police, discretion, race, prejudice, ethics, higher education and media. Prerequisite: CRJ-105 or permission of the instructor.
### COURSE DESCRIPTIONS

**CRJ-121**  
**CRIMINAL LAW**  
3 Credits  
Fall & Spring  
CC-CT  
An introduction to the American legal system, focusing on major categories of crimes and their punishments. Students analyze legal elements through case studies. **Prerequisite:** CRJ-105 or permission of the instructor.

**CRJ-123**  
**CRIMINAL PROCEDURES**  
3 Credits  
Fall & Spring  
CC-CT  
CC-WC  
The criminal processes from investigation through arrest, indictment, trial and sentencing. This course covers procedural matters such as arrest, search and seizure, interrogation, wiretapping, entrapment and pre-trial publicity. **Prerequisite:** CRJ-105 or permission of the instructor.

**CRJ-125**  
**JUVENILE JUSTICE PROCESS**  
3 Credits  
Spring  
CC-OC  
The causes, control and prevention of juvenile delinquency. The focus will be on delinquency theories and the treatment of juveniles within the criminal justice system. **Prerequisite:** CRJ-105 and Eng-101.

**CRJ-126**  
**CRIMINAL INVESTIGATION**  
3 Credits  
Spring  
CC-OC  
A study of field investigation techniques. Topics include conduct at crime scenes, interview and interrogation techniques, use of informants, techniques of surveillance and investigative procedures. **Prerequisite:** CRJ-105 or permission of the instructor.

**CRJ-127**  
**CORRECTIONAL PROCESS**  
3 Credits  
Spring  
CC-OC  
An examination of correctional institutions and their functions. Topics include prison as a total institution, characteristics of various types of institutions, problems in rehabilitation, analysis of the prison community, adjustment to prison life by personnel and inmates and the impact of institutionalization on the offender. **Prerequisite:** CRJ-105.

**CRJ-200**  
**INTRODUCTION TO CRIMINOLOGY**  
3 Credits  
Spring  
An introductory study of criminal behavior. This course will focus on the changes in the crime rate, law, theory and knowledge about the major forms of crime. **Prerequisite:** CRJ-105 and ENG-101.

**CRJ-201**  
**CRIMINAL JUSTICE FIELD WORK SEMINAR**  
3 Credits  
As Needed  
CC-CT  
An opportunity to develop broader knowledge of the criminal justice system in operation. This course consists of fieldwork in police courts, corrections and other criminal justice agencies, plus a weekly seminar for sharing experiences and building understanding of criminal justice as a system. **Prerequisite:** CRJ-105, CRJ-108, CRJ-127 and ENG-101 and permission of the program advisor.

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**CULINARY ARTS**  

**CUL-101**  
**FOOD PREPARATION I**  
2 Credits  
A study of fundamental concepts, skills and techniques involved in basic cookery. The course includes cooking theories, ingredients and procedures for preparing stocks, soups, thickening agents, grand sauces and small sauces. Breakfast and lunch cookery as well as organization skills and knife skills will be studied. **Skills prerequisite:** ENG-020 and MAT-018C.

**CUL-102**  
**FOOD PREPARATION II**  
2 Credits  
A continuation of CUL-101. This course reinforces the knowledge and skills learned in Food Preparation I which helps build confidence in techniques of basic cookery. Demonstrations and lectures cover vegetable and starch cookery, meat, fish and poultry cookery. Emphasis is placed on the mastery of cooking techniques such as roasting, sauteing, poaching, braising and frying. The development of knife skills is re-emphasized. **Skills prerequisite:** ENG-020 and MAT-018C. **Prerequisite:** CUL-101.

**CUL-103**  
**KITCHEN MANAGEMENT**  
3 Credits  
A study of menu development, costing, kitchen organization, timing and mise en place which focuses on gourmet and international cuisines. Building on previous cooking courses, students will research and present a detailed project which will focus on course objectives. The project will include menu development, cost analysis, meal preparation and service reflective of a specific cuisine. Meals will be prepared and served to the public. **Prerequisite:** CUL-102 and HSP-112. **Corequisite:** HSP-118 or permission of the department chair.

**CUL-104**  
**BAKING**  
3 Credits  
Fall  
An introduction to baking—breads and rolls, cakes, pies, pastries, custards, specialty items and decorative work. **Skills prerequisite:** ENG-020 and MAT-018C. **Prerequisite:** Enrollment in the Culinary Arts certificate program or permission of the instructor.

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**EARLY CHILDHOOD EDUCATION**  

**ECE-101**  
**EARLY CHILDHOOD GROWTH & DEVELOPMENT**  
3 Credits  
Fall  
A study of child development from embryo through eight years including maturational, emotional, intellectual-cognitive, verbal and social factors. This course stresses the understanding of major theories of development and requires recording observations of child behavior.

**ECE-104**  
**EDUCATION: CURRENT ISSUES & TRENDS EDUCATION**  
3 Credits  
Fall  
An introductory course designed to look at school as a social institution with interactions with diverse communities, social, political and cultural institutions and traditions. Concepts of culture and the impact of these understandings will be explored with regard to teaching. The history of preschools in America, program models, such as Reggio Emilia, Bank Street and High Scope, as well as, theory of child development will be the cornerstone of the course.

**ECE-107**  
**UNDERSTANDING & GUIDING CHILDREN’S BEHAVIOR**  
3 Credits  
As Needed  
A course designed to assist students in acquiring insight into young children’s behavior. Students consider developmental issues, individual needs and styles and group dynamics with young children. Course content focuses on appropriate ways to meet children’s needs and effective strategies for identifying and intervening in problem behavior. **Prerequisite:** ECE-101 or equivalent. **Recommendation:** ECE-104.
ECE-122
SPECIAL NEEDS IN EARLY CHILDHOOD EDUCATION
3 Credits • As Needed
The role of the teacher in identification, evaluation and planning for
special needs in infant, toddler and preschool classrooms. The course
covers the breadth of problems found in special needs child care, from
educational, family and community perspectives.

ECE-123
EARLY CHILDHOOD EDUCATION PRACTICUM I
3 Credits • As Needed
An opportunity to integrate child development theory with teaching
practice in a child care, nursery school or kindergarten setting. The
students work with children and develop skills and self-assessment
in all aspects of teaching. Students spend a minimum of 150 hours
supervised by a lead teacher at the site. Prerequisite: Permission of
instructor. Corequisite: ECE-124.

ECE-124
EARLY CHILDHOOD EDUCATION SEMINAR I
1 Credit • As Needed
A consideration of problems such as assessing growth, providing for
the individual needs of children, group management and problem-
solving. Student experiences from the variety of community programs
and ages of children represented in their practicum placements pro-
vide the content of seminar discussion. Prerequisite: One theory and
one methods course in early childhood education or permission of the
instructor. Corequisite: ECE-123.

ECE-154
LANGUAGE & LITERACY FOR
EARLY CHILDHOOD & ELEMENTARY EDUCATION
3 Credits
An examination of the process and content behind the development of
literacy skills in children from birth to age 8. This course will explore
emergent literacy and focus on ways to implement developmentally
appropriate learning activities in the areas of listening, speaking,
writing and reading from both emergent literacy and research based
perspectives. Prerequisite: ECE-101.

ECE-220
INFANT & TODDLER CARE
3 Credits
A focused study of child care from birth through thirty-six months. Course includes history of infant and toddler care; types of programs
and when they are appropriate; nurturing environments; health and
safety considerations; and developmental stages from cognitive,
motor, language and social skills perspectives. Prerequisite: ECE-101.
or PSY-204.

ECE-223
EARLY CHILDHOOD EDUCATION PRACTICUM II
3 Credits
An internship with increased responsibility and involvement in the
activities of an early childhood program. Students spend a minimum
of 150 hours supervised by a lead teacher at the site. Prerequisite:
ECE-123 and ECE-124 or permission of the instructor. Corequisite:
ECE-224.

ECE-224
EARLY CHILDHOOD EDUCATION SEMINAR II
1 Credit • CC-CT
A continuation of skill development and sharing of field experiences
through discussion of case histories and professional issues. Practical
measures for implementing developmentally appropriate practices
and creativity in young children are also discussed. Corequisite:
ECE-223.

ECE-230
SUPERVISION & ADMINISTRATION IN CHILD CARE
3 Credits • As Needed
Supervisory and administrative concepts and skills in a day care
setting. Students refine observation skills, techniques for effective
communication with staff and ability to foster professional growth in
supervisees. This course covers other administrative issues of licens-
ing, personnel records, finance and budgets. Prerequisite: Permission
of the instructor and Office for Children Lead Teacher qualification.

ECE-241
DESIGNING CURRICULUM: CREATIVITY — A CHILD’S PERSPECTIVE
3 Credits • Spring
A focused study of creativity — what it is, why it is important and how
to foster it in young children. Students will explore leading philoso-
phies including the Reggio Emilia approach and Gardner’s Theory of
Multiple Intelligence as they investigate how to integrate children’s
natural creative expression and play into the pre-school curriculum.
Prerequisite: ENG-101 or permission of the instructor.

ECE-265
EARLY CHILDHOOD EDUCATION ADMINISTRATION:
STAFF DEVELOPMENT
3 Credits
A systematic approach to implementing programmatic change in child
care settings through staff development and professional growth.
Students will utilize practical methods and techniques of assessment
to gain an understanding of the respective roles of administrator and
staff in fostering positive change within the context of organizational
dynamics. Students must have access to a center-based child care
program within which they can utilize the assessment tools that will
be presented in the course. Prerequisite: OCCS Lead Teacher qual-
ified with one year experience in a center-based child care program or
OCCS Director I or Director II qualified.

ECE-275
INDEPENDENT STUDY IN EARLY CHILDHOOD EDUCATION
1–3 Credits
Independent study for students with a foundation in Early Childhood
Education. Student and instructor determine a project and the number
of credits to be earned. Regularly scheduled meetings between the
student and instructor are required. Prerequisites: Previous course-
work in Early Childhood Education and permission of the instructor.

EDUCATION EDU

EDU-105
FOUNDATIONS OF EDUCATION
3 Credits
Examines the role education plays in the world and in individuals’ lives.
Using a variety of teaching strategies such as texts, films, news stories,
historical documents and field trips, the course covers the people,
events and ideologies that have shaped educational practices. An
emphasis will be placed on socioeconomic, political and philosophical

ECONOMICS ECO

ECO-150
WORLD ECONOMY
3 Credits • As Needed • SS/ss
An exploration of contemporary issues affecting world economy.
Selected critical problem areas such as food sufficiency, oil supply,
population growth and distribution of wealth will be examined against
a background of culture, geography and politics. Skills prerequisite:
ENG-020.

ECO-211
PRINCIPLES OF MICROECONOMICS
3 Credits • SS/ss • CC-CT • CC-QR
An introduction to the theory and application of economic tools of
analysis, to include the costs and rewards that cause individuals,
 firms and industries to demand and supply goods and services in
the market. This course also explores the theories and realities of
competitive and noncompetitive markets and applies microeconomic
tools of analysis to specific problems in areas such as energy, ecology,
the global economy and development theory. Skills prerequisite:
ENG-020 and MAT-018C.
## COURSE DESCRIPTIONS

### ECO-212 PRINCIPLES OF MACROECONOMICS
3 Credits • SS/Is • CC-CT • CC-QR
An introduction to the theory and application of economic and political forces which affect the national economy. Major topics include gross domestic product and other measures of economic conditions; taxing, borrowing and spending by various levels of government; Keynesian and neo-Keynesian models of equilibrium; and means used by the Federal Reserve System and the banking industry to stabilize the economy of the United States. Skills prerequisite: ENG-020 and MAT-018C.

### ENT TECHNOLOGY

#### ENT-115 INTRODUCTION TO ENGINEERING
3 Credits • Fall • CC-QR
Designed to introduce first-year engineering students to the engineering profession and provide an overview of the various engineering disciplines. Students will complete various projects and activities that will include engineering analysis, the design process and evaluation, computer aided design, graphical design and working in a team environment. Visits to local industries will illustrate the various engineering disciplines and the possible career paths available. Skills prerequisites: ENG-020 and ENG-060. Corequisite: ENM-126 or permission of the instructor.

#### ENT-122 COMPUTER AIDED DRAFTING/DESIGN I
3 Credits • As Needed • CC-QR
An introduction to computer aided drafting and design (CADD). AutoCAD LT2000 is used to produce two-dimensional drawings. Various entry-level skills are taught using engineering, architectural and surveying examples. No prior computer or drafting experience is assumed; however, a basic understanding of drafting is recommended. Skills prerequisite: ENG-020 and ENG-060. Corequisite: MAT-028B or ENM-126 or permission of the instructor.

#### ENT-129 INTRODUCTION TO ELECTRICITY & ELECTRONICS
4 Credits • CC-QR
An introduction to the world of electricity and electronics. This course is designed for the student with no previous electrical background. It covers circuit theory, electronic components and simple applications. In the laboratory students will build circuits and use electronic instruments to analyze the circuits. Skills prerequisite: ENG-020 and ENG-060. Corequisite: ENM-126 or permission of the instructor.

#### ENT-135 INTERPRETING ENGINEERING DRAWINGS I
4 Credits • CC-QR
An introduction to the basics for interpreting engineered drawings. Topics include but are not limited to three view drawings, orthographic projections, sketching, types of lines, dimensioning, tolerancing, section views, auxiliary views and manufacturing with different material types. Skills prerequisite: ENG-020 and ENG-060. Corequisite: ENM-126 or permission of the instructor.

#### ENT-136 INTERPRETING ENGINEERING DRAWINGS II
4 Credits • CC-QR
A continuation of ENT-135. Additional topics include but are not limited to chain dimensioning, drawings for numerical control, assembly drawings, bill of materials, welding drawings and symbols, datum features engineering and geometric tolerancing and feature based tolerancing. Prerequisite: ENT-135 or permission of the instructor.

#### ENT-151 INTRODUCTION TO MANUFACTURING
4 Credits • CC-QR
An introduction to the metalworking processes including the setup and operation of metalworking tools. Topics covered will be manufacturing theory, tool geometry, blueprint reading, precision measurements, gages and inspection, as well as a basic introduction to computer aided drafting and automated machine tools. Skills prerequisite: ENG-020 and ENG-060. Corequisite: ENM-126 or permission of the instructor.

#### ENT-152 ADVANCED MANUFACTURING: INTRODUCTION TO COMPUTER AIDED DESIGN
4 Credits • CC-QR
A continuation of the theory of manufacturing planning and processes from ENT-151. Computer aided drafting/design (CAD) techniques are utilized to create two and three dimensional drawings from engineering drawings. 3D solid modeling is introduced. Prerequisite: ENT-151 or permission of the instructor.

#### ENT-203 LINEAR CIRCUIT ANALYSIS I
4 Credits • Fall • CC-QR
A first course in electrical circuit theory for engineering students. Included are topics such as DC circuit theory, Kirchoff’s Laws, Thevenin’s and Norton’s equivalents, super position, transient circuit analysis, RLC circuits and damping, sinusoidal analysis, complex forcing functions, phasor analysis and power in AC circuits. Students use a variety of electronic equipment in a laboratory setting. Correlation between analytical and experimental results will be emphasized. Prerequisite: Differential and integral calculus courses such as ENM-151 and ENM-152 or permission of the instructor.

#### ENT-204 LINEAR CIRCUIT ANALYSIS II
4 Credits • Spring • CC-QR
A continuation of ENT-203 with an emphasis placed on the use of Fourier analysis and LaPlace transforms. Included are topics such as complex frequency, Z(s), frequency response, resonance, two-port networks, active devices, transformers, Fourier series and complex Fourier series. A variety of equipment will be used in a laboratory setting to analyze complex electrical circuits and to study active devices. Prerequisite: ENM-151, ENM-152 and ENT-203.

#### ENT-210 COMPUTER AIDED DRAFTING/DESIGN II
3 Credits • As Needed • CC-QR
A continuation of ENT-122. Expands on the AutoCAD LT 2000 variables and customization of commands introduced in ENT-122. Presents more complex commands. Prerequisite: ENT-122 or permission of the instructor.
A three-dimensional study of static mechanical force systems including resultants, centroids and centers of gravity, equilibrium, friction and moments of inertia. Vector algebra is employed. Corequisite: ENM-251 or permission of the instructor.

ENT-213 DYNAMICS
3 Credits • Spring • CC-CT
A mathematical study of the kinematics and kinetics. Topics include rectangular, angular and curvilinear motion, simple harmonic motion, instant centers, relative velocity and acceleration and their related quantities, work and energy and impulse and momentum. Vector mathematics is used. Prerequisite: ENT-212 or permission of the instructor.

ENT-214 STRENGTH OF MATERIALS
3 Credits • Spring • CC-QR
A mathematical study of stresses and deflections of mechanical structures under axial, torsional and flexural loading. Posts, shafts, beams, columns and other mechanical shapes are studied, including statically indeterminate cases. Prerequisite: ENM-152 and ENT-161 or permission of the instructor. Recommendation: ENT-212.

ENT-225 INTRODUCTION TO COMPUTER AIDED MANUFACTURING I
4 Credits
3D solid modeling is utilized to further investigate computer aided design (CAD). The basics of modeling and machining are studied through the introduction of computer aided manufacturing (CAM) and CNC machine tools. Simple parts are designed and created in the lab. Prerequisite: ENT-152 or permission of the instructor.

ENT-226 INTRODUCTION TO COMPUTER AIDED MANUFACTURING II
4 Credits
Use of CNC machine tools will be continued. A final project will be required where students will design and manufacture a project using their knowledge and experience with CAD and CAM from the previous labs. Students will visit local manufacturing facilities to enhance their knowledge of the manufacturing and metal working process. Prerequisite: ENT-225 or permission of the instructor.

ENT-233 DIGITAL CIRCUITS
4 Credits • As Needed • CC-QR
A study of basic networks involved in digital computers. Students with little electronics background should be able to complete this course with some additional study. Course takes up combinational and sequential logic based on Boolean principles. It covers most elements of logic systems in a class and laboratory environment. The course ends with an introduction to the microprocessor. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: MAT-028B, ENM-126 or permission of the instructor.

ENT-234 MICROPROCESSORS
3 Credits • As Needed • CC-OC
An introduction to the microprocessor as a process control unit, with study of its general architecture and language. Interfacing with analog devices is emphasized. In addition to weekly assignments in the laboratory, this course requires a final project. Prerequisite: ENT-233 and programming language experience or permission of the instructor.

ENT-238 ELEMENTS OF MACHINES
4 Credits • As Needed • CC-QR
An introductory study of the design and operating characteristics of mechanical devices such as linear and rotary bearings; gears and gear systems; power transmission and synchronous drive belts; couplings, brakes and clutches; fluid power pumps; and activators. Applications in high-speed mechanisms and precision linear or rotary positioning systems are analyzed. Lab work emphasizes the identification and measurement of dynamic characteristics and performance limits. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: MAT-028B or ENM-126 or permission of the instructor.

ENT-244 HYDRAULICS & PNEUMATICS
3 Credits • As Needed • CC-QR
Hydraulic and pneumatic principles, components and systems. Course includes theory of circuit operation, flow, valving, transducers, system repair and troubleshooting and safety concerns with hydraulic and pneumatic equipment. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: MAT-028B or ENM-126 or permission of the instructor.

ENT-260 INDUSTRIAL CONTROL SYSTEMS
4 Credits • As Needed • CC-QR
An introduction to industrial controls and automation that surveys electrical, electronic (digital and analog) and fluid power control systems. The course includes feedback loops, process control, control logic and transducers. Labs will incorporate programmable controllers, pneumatic and hydraulic systems, motors and controllers and robotic manipulators. Semester project required. Prerequisite: ENT-129 or permission of the instructor.

ENT-261 ENGINEERING PHYSICS III: ELECTRICITY, MAGNETISM & LIGHT
4 Credits • Fall • SC/Is • CC-QR
The third course in a series. Lectures and laboratories cover electrostatics, fields, capacitance, DC circuits, magnets, electromagnetic waves, light and optics including interference and diffraction and related engineering applications. Prerequisite: ENT-161 and ENM-152 or permission of the instructor. Corequisite: ENM-251 or permission of the instructor.

ENT-262 ENGINEERING PHYSICS IV: OPTICS & MODERN PHYSICS
3 Credits • Spring • SC/Io • CC-QR
The wave nature of light, ray theory of mirrors and lenses, and interference and diffraction. This course also covers relativistic mechanics, particle nature of light, quantum mechanics and atomic and nuclear physics. Prerequisite: ENT-261 or permission of the instructor. Corequisite: ENM-252 or permission of the instructor.

ENT-275 INDEPENDENT STUDY IN ENGINEERING TECHNOLOGY I
1–4 Credits
For students with a foundation in the field. Student and instructor determine the project to be worked on and the number of credits to be earned. Laboratory or field work, literature search and written or oral reports may be involved. Regularly scheduled meetings between student and instructor are required. Prerequisite: Approval of the department chair or program advisor.

ENT-276 INDEPENDENT STUDY IN ENGINEERING TECHNOLOGY II
1–4 Credits
For students with a foundation in the field. Student and instructor determine the project to be worked on and the number of credits to be earned. Laboratory or field work, literature search and written or oral reports may be involved. Regularly scheduled meetings between student and instructor are required. Prerequisite: Approval of the department chair or program advisor.

ENT-285 TECHNICAL INTERNSHIP IN ENGINEERING/TECHNOLOGY I
1–4 Credits
A technical internship in engineering/technology or related field. Learning goals and documentation arranged by contract with faculty and industrial sponsor. Prerequisite: Permission of faculty sponsor and assistant dean.

ENT-286 TECHNICAL INTERNSHIP IN ENGINEERING/TECHNOLOGY II
1–4 Credits
A second technical internship in engineering/technology or related field. Learning goals and documentation arranged by contract with faculty and industrial sponsor. Prerequisite: Permission of faculty sponsor and assistant dean.
## COURSE DESCRIPTIONS

### ENGINEERING MATHEMATICS

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENM-125</td>
<td>TECHNICAL MATHEMATICS I: An introduction to algebra stressing industrial applications. Designed for students who have previous exposure to the following topics: review of fractions, systems of measurements, number systems, scientific notation and introduction to algebra. Skills prerequisite: MAT-018C.</td>
<td>3</td>
<td>As Needed, CC-CT, CC-QR</td>
</tr>
<tr>
<td>ENM-126</td>
<td>TECHNICAL MATHEMATICS II: A continuation of ENM-125. This applications based course includes solutions to algebraic equations, graphing, quadratic equations, factoring and exponents. Prerequisite: ENM-125, MAT-028B or permission of the instructor.</td>
<td>3</td>
<td>CC-CT, CC-QR</td>
</tr>
<tr>
<td>ENM-127</td>
<td>TECHNICAL MATHEMATICS III: A continuation of ENM-125 and ENM-126. This course is designed to prepare a student for entry into Technical Calculus. Topics include trigonometric functions, right triangles, radians, polar and rectangular forms of vectors, curve sketching and an introduction to analytic geometry. Prerequisite: ENM-126 or permission of the instructor.</td>
<td>3</td>
<td>CC-QR, CC-CT, CC-QR</td>
</tr>
<tr>
<td>ENM-151</td>
<td>ENGINEERING CALCULUS I: The first half of an introduction to single-variable calculus. Topics include limits, continuity, derivatives of algebraic, trigonometric, logarithmic, exponential and inverse functions, and an introduction to the definite integral. Applications to physics and engineering are emphasized. Prerequisite: ENM-127, MAT-102 or permission of the instructor.</td>
<td>4</td>
<td>Fall, MA/ma, CC-QR</td>
</tr>
<tr>
<td>ENM-152</td>
<td>ENGINEERING CALCULUS II: The second half of an introduction to single-variable calculus. Topics include the fundamental theorem of calculus, applications of the definite integral to physics and engineering, techniques of integration, parametric equations, polar coordinates, infinite sequences and series, power series and Taylor series. Prerequisite: ENM-151 or permission of the instructor.</td>
<td>4</td>
<td>Spring, MA/ma, CC-QR</td>
</tr>
<tr>
<td>ENM-251</td>
<td>ENGINEERING CALCULUS III: An extension of the basic concepts of calculus to functions of several variables. Topics include three-dimensional geometry, vector functions, partial derivatives, multiple integrals and line integrals. Applications to physics and engineering are emphasized. Prerequisite: ENM-152.</td>
<td>4</td>
<td>Fall, MA/ma, CC-QR</td>
</tr>
<tr>
<td>ENM-252</td>
<td>ENGINEERING CALCULUS IV: A study of partial derivatives, the gradient, the directional derivative, normals, tangent planes, extrema, moments of inertia and center of mass in rectangular-cylindrical-spherical coordinates, the divergence, curl, line integrals, Green's theorem, surface integrals, Divergence theorem and Stokes' theorem. This course is designed to support ENT-262. Prerequisite: ENM-251 or permission of the instructor.</td>
<td>3</td>
<td>Spring, MA/ma, CC-QR</td>
</tr>
</tbody>
</table>

### ENGLISH

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-010</td>
<td>BASIC READING: A course designed to develop the prerequisite reading skills needed for entry into ENG-020. Reading Skills cover such fundamentals as word attack skills, vocabulary development and reading comprehension. College credit is awarded but does not count toward a degree. The class meets four hours a week. If BCC Learning Skills Assessment results indicate ENG-010 is required, the student must take the course during the first semester of enrollment. Course completion is by examination with PASS/RE grading.</td>
<td>4</td>
<td>prerequisites for ENG-010</td>
</tr>
<tr>
<td>ENG-020</td>
<td>READING SKILLS: A course in the reading skills needed for better understanding of written material. Classes emphasize comprehension skills, vocabulary building and information processing strategies. College credit will be awarded, but this credit will not count toward a degree. If BCC Learning Skills Assessment results indicate ENG-020 is required, the student must take the course during the first semester of enrollment. Course completion is by examination with PASS/RE grading. Prerequisite: ENG-010 or skills placement in ENG-020.</td>
<td>4</td>
<td>prerequisites for ENG-020</td>
</tr>
<tr>
<td>ENG-060</td>
<td>BASIC WRITING: A course designed to prepare students for college-level writing. Emphasis is on the writing process from pre-writing to editing. Reading a college-level work of fiction or non-fiction is required. Those students who need intensive English instruction for bilinguals and non-native speakers, as determined by placement scores or faculty review, should complete the ESL course sequence prior to enrolling in this course. The course meets four hours per week. College credit will be awarded but does not count toward a degree. Course completion is by examination with Pass/RE grading. Skills prerequisite: ENG-010.</td>
<td>4</td>
<td>prerequisites for ENG-010</td>
</tr>
<tr>
<td>ENG-101</td>
<td>COMPOSITION I: An introduction to college-level composition. Essay assignments include description, narration and exposition, with an emphasis on exposition. Topics include the writing process, focus, thesis, development of a logical sequence of paragraphs, use of supporting examples and specific details and sentence construction and style. Readings provide models for analysis. This course also provides an introduction to the use of library resources and to source documentation. Skills prerequisite: ENG-020 and ENG-060.</td>
<td>3</td>
<td>prerequisites for ENG-010</td>
</tr>
<tr>
<td>ENG-102</td>
<td>COMPOSITION II: A continuation of ENG-101, with emphasis on extending students’ reading, writing and thinking skills. Essay assignments include exemplification, analysis, comparison/contrast and argumentation. Topics include the organization of longer essays, logical development, coherence, appropriate support for points and style. This course also includes critical reading of essays and continued instruction in research and the responsible use of sources. Prerequisite: C- or better in ENG-101.</td>
<td>3</td>
<td>prerequisites for ENG-020</td>
</tr>
<tr>
<td>ENG-103</td>
<td>HONORS COMPOSITION I: Extensive exercise in writing in the various modes of logical discourse as well as in reading with a questioning attitude and discriminating awareness of structure, language and techniques of expression. This course assumes a competent grounding in the basics of composition. Skills prerequisite: Students must demonstrate competency for ENG-103 on BCC Learning Skills Assessment or have the permission of the instructor. The course is also open to students who have successfully completed ENG-102.</td>
<td>3</td>
<td>prerequisites for ENG-020</td>
</tr>
</tbody>
</table>
COURSE DESCRIPTIONS

ENG-104  
HONORS COMPOSITION II  
3 Credits • Spring • EC/ec • CC-CT  
Extensive exercise in writing about the ideas expressed through images, as in imaginative literature. This course offers practice in understanding and discussing represented meanings in fiction, poetry and drama. Students will write papers that analyze literature using a variety of approaches (character analysis, comparison/contrast, thematic analysis and explication, for example). Enrollment assumes a secure grasp of composition. Credit is not granted for both ENG-104 and ENG-215. Prerequisite: ENG-103 or permission of the instructor. The course is also open to students who have successfully completed ENG-102.

ENG-116  
TECHNICAL WRITING  
3 Credits • As Needed • EC/ec  
Introduction to composing professional and technical documents in science, technology and engineering fields. Students will learn to write effective proposals, manuals and a variety of formal technical reports and documents. Prerequisite: C or better in ENG-101 or ENG-103.

ENG-204  
LITERATURE OF PEACE & WAR  
3 Credits • As Needed • Hu/hu • CC-CT  
A study of mankind’s quest for peace and resort to war as reflected in literature. Writers to be sampled may include Thucydides, Virgil, Shakespeare, Thoreau, Whitman, Crane, Owen, Remarque, Hemingway, Lowell, Vonnegut, O’Brien and others past and present. Prerequisite: Six credits of composition or permission of the instructor.

ENG-205  
CHILDREN’S LITERATURE  
3 Credits • Hu/hu • CC-CT  
Designed to provide the student with the theoretical knowledge, history and development of the genre in order to select appropriate literature for children. This course fulfills three credit hours of a literature requirement only for students in the Early Childhood Education and Elementary Education Concentrations. Prerequisite: Six credits of composition or permission of the instructor.

ENG-215  
INTRODUCTION TO LITERATURE  
3 Credits • Hu/hu • CC-CT  
A survey of the short story, poetry and drama, emphasizing the kinds of questions that help the reader discover the writer’s meaning. Credit is not granted for both ENG-104 and ENG-215. Prerequisite: Six credits of composition or permission of the instructor.

ENG-216  
INTRODUCTION TO THE NOVEL  
3 Credits • Hu/hu • CC-CT  
A survey of fiction, emphasizing longer works. Various types of novels will be examined; other literary forms may be included for comparative study. Prerequisite: Six credits of composition or permission of the instructor.

ENG-221  
LITERATURE OF WESTERN CIVILIZATION I  
3 Credits • Fall • Hu/hu • CC-CT  
A sampling of landmark works of literature from Homeric Greece to medieval Europe (typically, The Iliad, portions of the Bible, some Platonic dialogues and Athenian tragedies, The Aeneid, Inferno). In addition to cultural values of various eras, the course explores the nature of imaginative literature. It also seeks to improve reading comprehension and develop facility in the written expression of ideas. It complements courses in Western civilization and art history. Prerequisite: Six credits of composition or permission of the instructor.

ENG-222  
LITERATURE OF WESTERN CIVILIZATION II  
3 Credits • Spring • Hu/hu • CC-CT  
A continuation of ENG-221 which may be elected separately. This course samples landmark works from the Renaissance to the twentieth century as a way to understand how literature reflects the philosophy and concerns of representative cultural eras. Representative writers include Shakespeare, Milton, Voltaire, Stendhal, Ibsen, Tolstoy and Camus. It complements courses in Western civilization and art history. Prerequisite: Six credits of composition or permission of the instructor.

ENG-223  
CREATIVE WRITING: POETRY  
3 Credits • Hu/hu  
A course in which students create a substantial body of work as they cultivate the unique rhythms of their language and the truths of their imagination. Students work on poems-in-progress during class discussion and learn to understand relationships between a poem’s meaning, sound and structure. Students develop a creative process that supports the generation and revision of poems during and after the semester. Skills prerequisite: ENG-020 and ENG-060. Recommendation: Six credits of composition.

ENG-228  
U.S. POETRY SINCE 1945  
3 Credits • Hu/hu • CC-CT  
A course designed to acquaint students with poems written by United States authors since 1945. Students will study the works of representative poets from various movements, notably the Beats; confessional poetry; poets of color; and women poets. Prerequisite: Six credits of composition or permission of the instructor.

ENG-231  
AMERICAN LITERATURE TO 1865  
3 Credits • Fall • Hu/hu • CC-CT  
An examination of essays, poems, stories and novels of selected authors from the Puritan period to the middle of the nineteenth century. (Nearly all of the noted writers of the period lived in Massachusetts.) The course includes such authors as Bradford, Franklin, Bryant, Hawthorne, Melville, Emerson, Thoreau, Douglass, Whitman and Dickinson. Prerequisite: Six credits of composition or permission of the instructor.

ENG-232  
AMERICAN LITERATURE SINCE 1865  
3 Credits • Spring • Hu/hu • CC-CT  
A continuation of ENG-231 which may be elected separately. Novels, stories, poems and plays from the rise of realism to the present are studied, including works by such authors as James, Twain, Crane, Cather, Frost, Hemingway and O’Neill. Prerequisite: Six credits of composition or permission of the instructor.

ENG-235  
ADVANCED COMPOSITION & TRAINING FOR WRITING TUTORS  
3 Credits • As Needed • Hu/hu • CC-CT  
An intensive writing workshop incorporating tutoring pedagogy with an emphasis on advanced composition. Student work will provide the basis for an examination of successful composition techniques and tutorial best practices. Prerequisite: Six credits of composition or permission of the instructor.

ENG-241  
BRITISH LITERATURE I  
3 Credits • As Needed • Hu/hu • CC-CT  
A selective introduction to British writers concentrating on such authors as Chaucer, Shakespeare, Spencer and Milton. The emphasis is on understanding the way literature expresses moral ideas and values through the imaginative creation of characters. Prerequisite: Six credits of composition or permission of the instructor.

ENG-242  
BRITISH LITERATURE II  
3 Credits • As Needed • Hu/hu • CC-CT  
A continuation of ENG-241 which may be taken separately. Poems, novels and plays by British writers from the eighteenth century to the present will be studied, including works by such authors as Pope, Wordsworth, Keats, Dickens, Wilde, Woolf and some recent poets. Class discussions will focus on not only the authors’ social and historical context, but also their continuing relevance to our own cultural moment. Prerequisite: Six credits of composition or permission of the instructor.
COURSE DESCRIPTIONS

ENG-243
CREATIVE WRITING
3 Credits • HU/hu
A course for students with a serious interest in creative writing. Assignments will include practice primarily in the short story but also in screenplays, drama, poetry and/or creative nonfiction. Class discussion will center on students’ writings and the study of selected short works of fiction, poetry and/or one-act plays. Skills Prerequisite: ENG-020 and ENG-060. Recommendation: Six credits of composition.

ENG-245
MODERN FICTION
3 Credits • HU/hu • CC-CT
Explores in depth, with attention to common themes and stylistic elements, the works of modern fiction writers, such as Chinua Achebe, Raymond Carver, Sandra Cisneros, Ian McEwan, Joyce Carol Oates and Elizabeth Strout. Prerequisite: Six credits of composition or permission of the instructor.

ENG-255
MULTIETHNIC AMERICAN LITERATURE
3 Credits • HU/hu • CC-CT • CC-WC
A course focusing on the oral and written analysis and interpretation of texts concerning the multiplicity of ethnic experiences that make up American cultural experiences. This course will include works by, but not limited to, African American, Latino/a, American Indian and Asian American writers. Prerequisite: Six credits of composition or permission of the instructor.

ENG-260
INTRODUCTION TO JOURNALISM
3 Credits • HU/hu
A survey of the fundamentals of newspaper journalism, emphasizing live reporting, news judgment, and basic news and feature writing. While aimed at producing publishable journalism, this course also covers professional areas such as ethics, fairness, reporters’ rights and slander. Prerequisite: Six credits of composition.

ENG-263
CREATIVE WRITING: CREATIVE NON-FICTION
3 Credits • As Needed • HU/hu • CC-CT
A course in reading and writing creative non-fiction, prose based on fact but treated in a literary manner. In addition to reading and discussing a range of creative non-fiction, students will write such work, engage in workshop discussions and revise their pieces. Prerequisite: Six credits of composition or permission of the instructor.

ENG-275
INDEPENDENT STUDY IN ENGLISH
1–3 Credits
A tutorial course. The student and instructor determine the project to be undertaken subject to approval by the department chair. Prerequisite: Six credits of composition and six credits of literature.

ENG-297
SPECIAL TOPICS IN LITERATURE
3 Credits • HU/hu
Specific course content at the discretion of the department. Recent topics have included Women’s Writing, Contemporary British and American Fiction, Mythology, Gay and Lesbian Literature, Russian Literature and The Bible. Details are included in pre-registration materials. Prerequisite: Six credits of composition or permission of the instructor.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES ESOL

ESL-101
FUNDAMENTALS OF BEGINNING ENGLISH FOR SPEAKERS OF OTHER LANGUAGES
3 Credits • As Needed
Introduction to the English language for non-native speakers including beginning listening, speaking, reading and writing skills. Topics include present, past and future tenses; basic sentence structure; skimming and scanning. Prerequisite: ESL placement or permission of the instructor.

ESL-102
BEGINNING ENGLISH FOR SPEAKERS OF OTHER LANGUAGES II
4 Credits • As Needed
A continuation of ESL-101: listening, speaking, reading and writing skills. Topics include modals, comparison, passive voice, paragraph development, prediction, inference and summarizing. The course includes four hours of class time and two hours of laboratory each week. Prerequisite: ESL-101, ESL placement or permission of the instructor.

ESL-103
BEGINNING ENGLISH FOR SPEAKERS OF OTHER LANGUAGES III
4 Credits • As Needed
Advanced beginning level ESL including listening, speaking, reading and writing skills. Topics include paraphrasing, vocabulary development, use of an English-English dictionary, the writing process, description and narration. The course includes four hours of class time and two hours of language laboratory each week. Prerequisite: ESL-102, ESL placement or permission of the instructor.

ESL-201
INTERMEDIATE ENGLISH FOR SPEAKERS OF OTHER LANGUAGES I
4 Credits • As Needed
Survey of the basic structures of English through reading and writing. This course includes grammar taught and practiced using practical academic applications. The class meets four hours a week. Prerequisite: ESL-103, ESL placement or permission of the instructor.

ESL-202
ADVANCED ENGLISH FOR SPEAKERS OF OTHER LANGUAGES
4 Credits • As Needed
A continuation of ESL-201 with further focus on academic writing through vocabulary building and grammar skills development. Topics include the writing process, editing and summarizing, integrated with activities focusing on reading for understanding, listening and speaking. Prerequisite: ESL-201, ESL placement or permission of the instructor.

ENVIRONMENTAL SCIENCE ENV

ENV-101
CONSERVATION OF NATURAL RESOURCES I
4 Credits • Fall • ES/ls
A study of conservation principles and their application to local, regional, national and international resource management. Topics include water quality, soil and wetlands conservation, forest and wildlife management, alternate energy sources and solid waste disposal. Laboratories emphasize hands-on field experiences. Skills prerequisite or corequisite: ENG-020 and ENG-060.

ENV-102
CONSERVATION OF NATURAL RESOURCES II
4 Credits • Spring • ES/ls
A continuation of ENV-101. Topics include air pollution control, biocides and other hazardous substances, wildlife extinction, world food supply and resource conservation, fisheries management, nuclear energy, environmental laws and natural resource planning. Skills prerequisite or corequisite: ENG-020 and ENG-060.
ENV-115 INTRODUCTION TO NATURE PHOTOGRAPHY
3 Credits • ES
A field-oriented course which explores both the art and science of nature photography. With natural lighting and a minimum of special equipment, students photograph wildlife, landscapes, flowers and vegetation. Specialized applications will include aerial and microphotography. A camera is required (contact instructor for details). Skills prerequisite or corequisite: ENG-020 and ENG-060.

ENV-121 INTRODUCTION TO ENVIRONMENTAL SCIENCE I
3 Credits • Fall • ES/ns
A multi-disciplinary course dealing with many aspects of the contemporary environment. Presentations from various college departments and by community leaders focus on our role in the environment.

ENV-127 ENVIRONMENTAL AWARENESS & RESPONSIBILITY
1 Credit • ES
Environmental study open to anyone who wishes to develop or deepen an awareness of the environment. This course promotes an appreciation of natural beauty and of other natural resources. It also provides exposure to ongoing problems and solutions.

ENV-133 EVERGLADES ECOSYSTEMS
4 Credits • As Needed • ES/ls
A field experience focused on the biological diversity of Everglades National Park. This course includes the natural history of flora and fauna within sawgrass prairie, tropical hardwood hammock, bald cypress head, pinelands and coastal mangrove ecosystems. Practical skills in descriptive ecology are developed through guided field study. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: Permission of the instructor.

ENV-139 TROPICAL ECOSYSTEMS
4 Credits • ES/ls
A field course in the tropical ecosystems. This course explores the biological diversity of the New World tropics and incorporates natural history of flora and fauna within primary and secondary forests, riparian zones, river channels, forest clearings and forest canopy. Practical skills in biodiversity are developed through guided field study. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: Permission of the instructor.

ENV-148 INTRODUCTION TO SUSTAINABLE ENERGY
3 Credits • As Needed • ES/ns
An introductory course that surveys the energy sources upon which human civilization depends and provides an ecological framework for evaluating their sustainability. Topics will include energy conservation, fossil fuels, nuclear power, hydrogen, geothermal, tidal power and the various forms of solar energy, such as solar heating, photovoltaics, wind, hydropower and biomass. Related political policies and economic issues will also be discussed. A few field trips are required. Skills prerequisite: ENGL-020 and ENGL-060.

ENV-165 FIELD METHODS IN ENVIRONMENTAL SCIENCE
4 Credits • ES/ls
An introduction to field data collection methods. Students will choose, design and carry-out a field-oriented research project, including final reporting. The course will use GPS/GIS, laptop/handheld computers, radio-telemetry, seineing and live-trapping surveys to immerse students in all aspects involved in the study of wildlife biology. Skills prerequisite: ENG-060. Prerequisites: High school biology, BIO-105 or permission of the instructor.

ENV-182 ENVIRONMENTAL ADVOCACY
3 Credits • As Needed • SS/ls
Designed to provide the student with the knowledge to evaluate and skills to participate in and influence environmental issues in the public arena. Operation of local, state and federal governmental environmental agencies and the role of various stakeholders, such as non-governmental organizations, corporations and citizens will be studied. Participation in public meetings and service learning required.

ENV-207 WILDLIFE BIOLOGY
4 Credits • As Needed • ES/ls
Ecological, biological and human intervention factors affecting wildlife populations. This course emphasizes the population ecology and biology of game, non-game and endangered species. Field labs investigate some of these factors by collecting and analyzing data about wildlife populations. Prerequisite: ENG-101 and MAT-028A or permission of the instructor.

ENV-208 AQUATIC BIOLOGY
4 Credits • As Needed • ES/ls
Biological, physical and chemical components of freshwater aquatic habitats and their ecological relationships. Laboratories involve observation, collection and analysis of aquatic samples using scientific techniques. Prerequisite: ENG-101 and MAT-028A or permission of the instructor.

ENV-247 ADVANCED TRAVEL STUDY
4 Credits • ES/ls
An exploration of topics such as biodiversity, natural history of flora and fauna, geologic and physiographic features, cultural history and ecotourism in remote locations. Activities and assignments are chosen to increase the level of challenge and foster growth beyond the expectations established in prior course work. Prerequisite: Permission of the instructor.

ENV-275 INDEPENDENT STUDY IN ENVIRONMENTAL SCIENCES I
1–4 Credits
For students with a foundation in the field. Student and instructor determine the project and the number of credits to be earned. Individual or small group projects, especially in the field, may be involved. Regularly scheduled meetings between student and instructor are required. Prerequisite: Permission of the department chair or program advisor.

ENV-276 INDEPENDENT STUDY II
1–4 Credits
For students with a foundation in the field. Student and instructor determine the project and the number of credits to be earned. Individual or small group projects, especially in the field, may be involved. Regularly scheduled meetings between student and instructor are required. Prerequisite: Permission of the department chair or program advisor.

EXPERIENTIAL LEARNING

EXL-225 EXPERIENTIAL LEARNING I
1–6 Credits
Individually arranged learning by contract. This course allows the student, with assistance from the faculty sponsor, to define personal learning objectives and methods of evaluation. The student may contract for independent study, community service internship, field experience, apprenticeship, unpaid career-related work experience or other self-directed projects. Prerequisite: Permission of faculty sponsor and assistant dean.

EXL-250 EXPERIENTIAL LEARNING II
1–6 Credits
Expansion of a previous project or exploration of a new learning experience. Prerequisite: Permission of faculty sponsor and assistant dean.

EXL-275 EXPERIENTIAL LEARNING III
1 Credit
Expansion of a previous project or exploration of a new learning experience. Prerequisite: Permission of faculty sponsor and assistant dean.
**COURSE DESCRIPTIONS**

**EXL-290**
**EXPERIENTIAL LEARNING IV**
1 Credit
Expansion of a previous project or exploration of a new learning experience. **Prerequisite:** Permission of faculty sponsor and assistant dean.

**FINE ARTS**

**FAS-103**
**PRINTMAKING I**
3 Credits • Fall • HU/hu
An introduction to the art of producing multiple images from a single source. This course includes the preparation of plates, inking procedures and the use of the printing press. **Prerequisite:** FAS-163.

**FAS-111**
**DRAWING I**
3 Credits • Fall • HU/hu
An introduction to the concepts and techniques of drawing through the use of charcoal on newsprint. Class problems and critiques are presented to help the student develop a foundation of knowledge and ability to build on.

**FAS-113**
**PRINTMAKING II**
3 Credits • HU/hu
A continuation of FAS-103. This course includes the study of the skills and processes of printmaking with emphasis on etching and color printing. **Prerequisite:** FAS-103.

**FAS-115**
**DIGITAL PHOTOGRAPHY**
3 Credits
An introduction to photographic processes that use computer-based technologies. Students learn the basics of image capture with digital cameras and from there explore the world of digital image processing, utilizing Adobe Photoshop to prepare and modify images. The course will examine digital photography as a creative process, focusing on its aesthetic power and use in contemporary society.

**FAS-120**
**DRAWING II**
3 Credits • Spring • HU/hu • CC-CT
A continuation of FAS-111. This course explores drawing as a process of perception and coordinated response with a continued emphasis on the use of charcoal on newsprint. **Prerequisite:** FAS-111.

**FAS-123**
**TWO-DIMENSIONAL DESIGN I**
3 Credits • Fall • HU/hu • CC-CT
A study of the language of visual arts through the analysis of properties of line, form, and the organization of pictorial structure in black, white and gray. This course includes the application of these discoveries to the resolution of design problems and to the strengthening of self-expression.

**FAS-124**
**THREE-DIMENSIONAL DESIGN I**
3 Credits • Fall • HU/hu • CC-CT
An exploration of the structure and visual qualities of real objects within a spatial environment. Assignments and discussion investigate the relationships of mass, volume, form and substance, the nature of materials and methods of joining.

**FAS-144**
**DIGITAL IMAGING WITH PHOTOSHOP**
3 Credits
Covers the digital preparation of visual images for print publication, display and use with the World Wide Web. Using Macintosh computers, students will work with Adobe Photoshop. Methods for processing and improving the quality of digital images for both screen and print applications will be covered. Digital imaging (including digital photography) will be discussed. The course will also cover procedures for retouching, restoring, modifying, creating and rendering images. The preparation of files for a variety of Internet and printing applications will be covered, as well as methods for working with professional printing companies and newspapers. **Prerequisite:** Macintosh computers/OS or Windows XP experience.

**FAS-156**
**ART & CULTURE OF ASIA**
3 Credits • As Needed • HU/hu
A survey of the arts of India, China and Japan and their impact on Western culture. The course includes discussions of the art of painting, sculpture and architecture, as well as discussions and comparisons with the alternative arts of Asia which may include ceramics, calligraphy, gardens, martial arts and haiku. This course reviews the arts with special attention to the role of religion and philosophy in their development. Lectures and discussions are illustrated by slides and visual materials; some classes will incorporate participation and experimentation with the particular art. An art background is not required. **Skills prerequisite:** ENG-020 and ENG-060.

**FAS-157**
**INTRODUCTION TO STUDIO ART**
3 Credits • As Needed • HU/hu
A hands-on approach to studio art for beginning art majors and the non-art student. The creative process will be explored by experimenting with a variety of media. Each medium covered will emphasize mastery of basic techniques and concepts which will strengthen and develop a foundation of knowledge and individuality of self-expression.

**FAS-163**
**TWO-DIMENSIONAL DESIGN II**
3 Credits • Spring • HU/hu • CC-CT
A continuation of FAS-123, building on those experiences with assignments of increasing complexity in both black and white and color. Color is explored as a means of defining both structure and individual expression. **Prerequisite:** FAS-123.

**FAS-171**
**PRE-RENAISSANCE ART HISTORY**
3 Credits • Fall • HU/hu • CC-CT
A descriptive survey of painting, sculpture and architecture from ancient Egypt through the Gothic period. The religious and mythical character of the arts in ancient societies is emphasized. Lectures and discussions are illustrated by slides and visual materials. An art background is not required. **Skills prerequisite:** ENG-020 and ENG-060.

**FAS-172**
**RENAISSANCE TO MODERN ART HISTORY**
3 Credits • Spring • HU/hu • CC-CT
A descriptive survey of painting, sculpture and architecture from the fourteenth to the twentieth century. This course includes the development of Western styles with special attention to the role of religion and philosophy. Lectures and discussions are illustrated by slides and visual materials. An art background is not required. **Skills prerequisite:** ENG-020 and ENG-060.

**FAS-173**
**TWENTIETH CENTURY ART HISTORY**
3 Credits • As Needed • HU/hu • CC-CT
A survey of twentieth century art history. Lectures and discussions are illustrated by slides and visual materials. An art background is not required. **Skills prerequisite:** ENG-020 and ENG-060.

**FAS-210**
**FUNDAMENTALS OF PAINTING**
3 Credits • Fall • HU/hu • CC-CT
A basic introduction to the materials, techniques and concepts of painting. Class problems and critiques are presented to help the student develop a foundation of knowledge and ability to build on. **Prerequisite:** FAS-163 or permission of the instructor.

**FAS-222**
**ADVANCED STUDIO ART**
4 Credits • As Needed • HU/hu • CC-CT
An advanced study in two- or three-dimensional medium or artistic discipline. The student is required to conceptualize a project, plan it and devote the term to its successful completion. This course functions as a Visual Arts student’s capstone activity. **Prerequisite:** FAS-120, FAS-125, FAS-163 and both specialized electives or permission of the instructor.
COURSE DESCRIPTIONS

FAS-225
FIGURE DRAWING
3 Credits • As Needed • HU/hu
An advanced studio course devoted to drawing the human figure using charcoal and newsprint as the primary medium. Prerequisite: FAS-120 or permission of the instructor.

FAS-233
MIXED MEDIUM I
3 Credits • HU/hu • CC-CT
An introduction to a variety of printing and painting techniques. The course will begin with an introduction to intaglio collagraphs and then move to linocuts. By mid-semester, students will finish the printmaking section with mono-printing, the most painterly of printing mediums. The students will then transition to painting, where they will explore direct and indirect painting techniques for the rest of the semester. Prerequisite: FAS-210 and FAS-163.

FAS-240
INTERMEDIATE PAINTING
3 Credits • Spring • HU/hu • CC-CT
A continuation of FAS-210. This course is a further introduction to painting, incorporating the exploration of color, representation, abstraction and other concepts and axioms of design. Prerequisite: FAS-210 or permission of the instructor.

FAS-242
DIGITAL ART
3 Credits
An introduction to coloring and manipulating images using Adobe Photoshop, the industry standard for computer and concept art. Students will be introduced to the basic tools and functions of the Photoshop program to create high-impact, professional images in a variety of artistic styles. The course employs a traditional fine-art approach to image coloring and rendering. Experience using a Macintosh or Windows-based computer is necessary. Prerequisite: FAS-120 or permission of instructor.

FAS-245
WATERCOLOR PAINTING
3 Credits • HU/hu
A basic introduction to the materials and techniques of watercolor painting. Class problems and critiques are presented to help students develop a foundation of knowledge and the ability to build on this foundation. Students learn dry- and wet-paper techniques; resist practices; and experimental methods. Stylistic diversity is encouraged. Prerequisite: FAS-123 or permission of instructor.

FAS-246
WATERCOLOR PAINTING II
3 Credits • HU/hu
A continuation of FAS-245. As students continue to learn dry and wet paper techniques, resist processes and experimental methods, emphasis is placed on students developing a fuller understanding of watercolor materials and terminology; a more sophisticated compositional sense; and the beginnings of a personal aesthetic. Stylistic diversity is encouraged. Prerequisite: FAS-245.

FAS-263
MIXED MEDIUM II
4 Credits • HU/hu • CC-CT
Students will create a series of projects exploring the different mediums learned during Mixed Medium I. Students will be encouraged to use more than one medium in a project. Prerequisite: FAS-233.

FAS-275
INDEPENDENT STUDY IN ART
1–3 Credits
For students with a foundation in the field. Student and instructor determine the project and the number of credits to be earned. Projects involve specialized work in art or crafts. Regularly scheduled meetings between student and instructor are required. Prerequisite: Permission of the department chair or program advisor.

FAS-297
SPECIAL TOPICS IN VISUAL ARTS
3 Credits • HU/hu
Specific course content at the discretion of the department. Details are included in preregistration materials.

FIRE SCIENCE FIS

FIS-101
PRINCIPLES OF EMERGENCY SERVICES
3 Credits
An overview of fire protection and emergency services. This course covers career opportunities in fire protection and related fields; culture and history of emergency services; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives. Skills prerequisite: ENG-020.

FIS-106
FIRE BEHAVIOR & COMBUSTION
3 Credits
An exploration of the theories and fundamentals of how and why fires start, spread and are controlled.

FIS-123
BUILDING CONSTRUCTION FOR FIRE PROTECTION
3 Credits
Provides the components of building construction related to firefighter and life safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations and operating at emergencies. Prerequisite: PHY-111 and FIS-101 or permission of the instructor.

FIS-127
FIRE PROTECTION HYDRAULICS & WATER SUPPLY
3 Credits
Provides a foundation of theoretical knowledge in order to understand the principles of the use of water in fire protection and to apply hydraulic principles to analyze and to solve water supply problems. Prerequisite: MAT-101.

FIS-128
PROTECTION SYSTEMS
3 Credits
Provides information relating to the features of design and operation of fire alarm systems, water-based fire suppression systems, special hazard fire suppression systems, water supply for fire protection and portable fire extinguishers.

FIS-145
FIRE PREVENTION
4 Credits
Provides fundamental knowledge relating to the field of fire prevention. Topics include: history and philosophy of fire prevention; organization and operation of a fire prevention bureau; use and application of codes and standards; plans review; fire inspections; fire and life safety education; and fire investigation. Skills prerequisite: ENG-060.

FIS-201
HAZARDOUS MATERIALS CHEMISTRY
3 Credits
Provides basic chemistry relating to the categories of hazardous materials including recognition, identification, reactivity and health hazards encountered by emergency services. Prerequisite: CHM-150.

FIS-205
LEGAL ASPECTS OF EMERGENCY SERVICES
3 Credits
Addresses the federal, state and local laws that regulate emergency services. This course includes a review of national standards, regulations and consensus standards.

FIS-206
FIRE INVESTIGATION I
3 Credits
Intended to provide the student with the fundamentals and technical knowledge needed for proper fire scene interpretations, including recognizing and conducting origin and cause, preservation of evidence.
and documentation, scene security, motives of the fire setter and types of fire causes. **Prerequisites:** FIS-101, FIS-106 and FIS-123 or permission of the instructor.

**FIS-210**
**PRINCIPLES OF FIRE & EMERGENCY SERVICE ADMINISTRATION**
3 Credits
An introduction to the organization and management of a fire and emergency services department and the relationship of government agencies to the fire service. Emphasis is placed on fire and emergency service, ethics and leadership from the perspective of the company officer. **Prerequisite:** FIS-101.

**FIS-217**
**STRATEGY & TACTICS**
3 Credits
Provides principles of fire ground control through utilization of personnel, equipment and extinguishing agents. **Prerequisite:** FIS-101 and FIS-123 or permission of the instructor or program coordinator. FIS-128 recommended. **Skills prerequisite:** ENG-060.

**FIS-221**
**PRINCIPLES OF FIRE & EMERGENCY SERVICES SAFETY & SURVIVAL**
3 Credits • As Needed
An introduction to the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services.

**GEOGRAPHY GEO**

**GEO-125**
**WORLD GEOGRAPHY**
3 Credits • SS/ss
An introduction to World Geography stressing the location and interrelationships of the various nations on our planet along with their cultural, linguistic, economic and religious makeup. The role of weather and climate, ocean currents, rivers, coastline features, mountains and geological movement will be examined. Attention will also be given to the geological, topographical, economic and historical forces that have formed them and the challenges they face in the 21st century. **Skills prerequisite:** ENG-020.

**GEOLOGY GEY**

**GEY-121**
**EARTH SYSTEMS SCIENCE**
4 Credits • SC/ls
A systematic, integrated approach to the sciences of geology, oceanography, meteorology and ecology of planet Earth. The course emphasizes the synergy of interrelated phenomena while focusing on Earth as a system. Students are encouraged to look beyond the traditional boundaries of physical science and learn to recognize the increasingly significant role of humanity as an agent of global change. **Skills prerequisite:** ENG-020 and ENG-060.

**GEY-136**
**GEOGRAPHIC INFORMATION SYSTEMS**
4 Credits • SC/ls
Intended for science majors. This course emphasizes the role of GIS in scientific investigations, resource management and planning. Topics include gathering and organizing geographically referenced information and the representation of spatial information through maps, databases, plans and images. Students work with a variety of case studies from the fields of environmental science, natural resources and public health. **Skills prerequisite:** ENG-020, MAT-028A or MAT-028.

**GOVERNMENT GOV**

**GOV-105**
**UNITED STATES GOVERNMENT**
3 Credits • As Needed • SS/ss
An examination of the American structure of government at the national, state and local levels. This course examines and explores the powers and limitations of the federal system, the ‘checks and balances’ system, the machinery of state government and the variety of municipal and local forms of administration.

**GOV-135**
**THE CONSTITUTION & CIVIL RIGHTS**
3 Credits • As Needed • SS/ss
A study of the Constitution and of major legal interpretations that have reflected social, economic and political changes. Current civil and legal rights of the individual are discussed from the standpoint of an era in which the growing scope of government has sometimes clashed with the rights of the individual and sometimes upheld and increased them.

**HEALTH INFORMATION MANAGEMENT HIM**

**HIM-102**
**BASIC PROCEDURE CODING**
3 Credits • As Needed
A comprehensive study of Basic HCPCS (Healthcare Common Procedure Coding System) coding with a focus on CPT-4 (Current Procedural Terminology) coding, Outpatient and professional coding for evaluation and management, anesthesia, surgery, pathology, laboratory, radiology and medicine will be emphasized. This course also explores coding for emergency rooms, physicians’ offices, professional services at inpatient and outpatient facilities and HCPCS II codes. **Skills prerequisites:** ENG-020, ENG-060 and MAT-018 or MAT-018C. **Prerequisites:** AHS-129.

**HIM-105**
**MEDICAL CODING I**
3 Credits • As Needed
A comprehensive study of ICD-10-CM (International Classification of Diseases, Version 10, Clinical Modification) and PCS (Procedure Coding System). The course will involve an in-depth study of coding diseases for all major body systems. A systematic study of hospital inpatient and ambulatory care coding will also be covered. Specificity and correct coding procedures and techniques will be stressed. The course will include coding practices for both ICD-10-CM diagnosis and ICD-10-PCS procedure coding. This course along with the subsequent Medical Coding II course will help prepare the student for completion of the AHIMA (American Health Information Management Association) CCS (Certified Coding Specialist) credentialing examination. **Skills prerequisites:** ENG-020, ENG-060 and MAT-018 or MAT-018C. **Prerequisites:** High school biology or BIO-101 or BIO-105 and AHS-129.
COURSE DESCRIPTIONS

HIM-106
MEDICAL CODING II
3 Credits
A continuation of HIM-105. This course along with the preceding Medical Coding I course will help prepare the student for completion of the AHIMA (American Health Information Management Association) CCS (Certified Coding Specialist) credentialing examination. Prerequisites: HIM-105 with a grade of C or better. Corequisite: BIO-150.

HIM-132
REIMBURSEMENT METHODOLOGIES
3 Credits  As Needed
A comprehensive overview of billing for facility services using ICD-9-CM (International Classification of Diseases, 9th Revision, Clinical Modification), CPT (Current Procedural Terminology) and HCPCS (Healthcare Common Procedure Coding System) codes to complete UB-04 (uniform institutional provider hardcopy) claim forms. The course will familiarize the student with health records and how documentation translates to the basics of medical coding, billing, insurance and proper reimbursement. The course also discusses the various reimbursement methodologies affecting facilities and provides an introduction to coding classification systems and the payer and healthcare system in the U.S. Skills prerequisites: ENG-020, ENG-060 and MAT-018 or MAT-018C. Prerequisites: HIM-106 or permission of the instructor.

HIM-144
INTRODUCTION TO HEALTH INFORMATION MANAGEMENT
3 Credits  As Needed
An introduction to healthcare delivery systems, health information management, the patient record in acute, outpatient and alternate care settings, numbering and filing systems, record storage and circulation, indexes, registers, health data collection, legal aspects and reimbursement. Skills prerequisites: ENG-020, ENG-060 and MAT-018 or MAT-018C.

“I enjoy when a student says they hate history — and, at the end of the semester, they say they like it. History can tell us about who we are and where we’re going. What’s not to love?”

Christopher Laney
Interim Dean of Humanities, Professor of History

HIS

HISTORY HIS

HIS-113
WESTERN CIVILIZATION TO 1500
3 Credits  HI/ss
An exploration of the origins and development of Western society and culture from prehistory through the Ancient Near East, Greece, Rome and the Middle Ages to the Renaissance. Skills prerequisite: ENG-020 and ENG-060.

HIS-114
WESTERN CIVILIZATION SINCE 1500
3 Credits  HI/ss
An examination of the political, social and cultural history of Western civilization from the Renaissance to the present, with emphasis on the causes and consequences of the West’s rise to worldwide influence and on the roots of current global issues. Skills prerequisite: ENG-020 and ENG-060.

HIS-117
UNITED STATES HISTORY TO 1877
3 Credits  Fall  HI/ss
A survey of the political, social and cultural development of North America, the British Colonies and the United States from before the arrival of Europeans to the Civil War and Reconstruction. Skills prerequisite: ENG-020 and ENG-060.

HIS-118
UNITED STATES HISTORY SINCE 1865
3 Credits  Spring  HI/ss
A survey of the social and political development of the United States from the Civil War to the present. Skills prerequisite: ENG-020 and ENG-060.

HIS-121
WORLD HISTORY TO 1500
3 Credits  All Terms  HI/ss
An exploration of the origins of humankind and the development of ancient and Medieval societies across the world (India, China, Africa, the Americas, Australia, Europe and the Middle East). Skills prerequisites: ENG-020 and ENG-060.

HIS-122
WORLD HISTORY SINCE 1500
3 Credits  All Terms  HI/ss
An exploration of the increasingly interconnected modern world from the period of European colonialism after Columbus to the emergence of globalization after World War II. Skills prerequisite: ENG-020 and ENG-060.

HIS-208
INTRODUCTION TO CHINESE CIVILIZATION
3 Credits  As Needed  SS/ss
An investigation of the cultural development and 4,000-year-old traditions of China and China’s influence on the Far East and on the world. Western civilization is compared and contrasted to Chinese values. Beginning with prehistory, the major elements of Chinese thought and behavior patterns are analyzed and the insights gained from the study of Chinese history are applied to an understanding of contemporary China. Skills prerequisite: ENG-020 and ENG-060.

HIS-225
COMPARATIVE RELIGIONS
3 Credits  As Needed  HU/hu  CC-CT
An examination of the major religious systems of the world, with attention to their interactions and their common threads. This course covers Christianity in its variants, Buddhism, Hinduism, Confucianism and Taoism, Islam, Judaism and the belief systems of Africa, North American Indians and the Greek and Norse religions. Skills prerequisite: ENG-020 and ENG-060.

HIS-226
WORKERS’ RIGHTS IN THE UNITED STATES
3 Credits  As Needed  SS/ss  CC-CT
A study of the history and legal sources of workers’ rights in the United States, union and non-union. Students will be introduced to the main laws and regulatory bodies that implement labor law in the United States. The course will also explore contemporary controversies regarding workers’ rights. Skills prerequisite: ENG-020 and ENG-060.

HIS-228
WORLD WAR II
3 Credits  Fall  SS/ss  CC-CT  CC-WC
An overview of World War II from a global perspective. In addition to the causes and course of the war, emphasis will be placed on the ways in which the war spawned changes which continue to impact the world, in science, technology, economics, politics, gender and race relations and the environment. Students will engage in the ongoing debates over controversial aspects of the war (e.g., How did Pearl Harbor happen? Why did the United States drop two atomic bombs on Japan? Does the narrative of ‘the Good War’ fit the realities of the war?) Skills prerequisites: ENG-020 and ECE-060. Prerequisite: HIS-114, HIS-118 or HIS-122 recommended.

HIS-232
THE WORLD SINCE 1945
3 Credits  SS/ss  CC-CT
An overview of global history from World War II to the present. Emphasis will be given to the Cold War, international conflict and cooperation, globalization and the emergence of new issues in the 21st century. Skills prerequisites: ENG-020 and ENG-060. Prerequisite: HIS-122 is recommended.
COURSE DESCRIPTIONS

HIS-238  
HISTORY OF THE HOLOCAUST  
3 Credits  •  As Needed  •  SS/ss  •  CC-CT  
A history of the holocaust in Europe, exploring the emergence of the Nazi power structure and the implementation of a policy of extermination of Jews and others defined as undesirable by the German state. Our study will include a review of other genocidal programs from the Armenian to current historical tragedies. We will explore the historical legacy of the holocaust and its impact upon society today. Skills prerequisite: ENG-020 and ENG-060.

HIS-244  
AFRICAN SLAVE TRADE & COLONIZATION  
3 Credits  •  As Needed  •  SS/ss  •  CC-CT  •  CC-WC  
An exploration of the slave trade and colonization in Africa. Major topics such as the origin of African slavery and its consequences; the decline of the Atlantic slave trade; the nature of European colonialism and imperialism; and the African response to Colonial rule will be examined. Prerequisite: ENG-101 or permission of the instructor.

HIS-275  
INDEPENDENT STUDY IN HISTORY  
1–3 Credits  
Tutorials in which student and instructor determine a project and the number of credits to be earned. Prerequisite: One previous course in history and the permission of the instructor.

HIS-297  
SPECIAL TOPICS IN HISTORY  
3 Credits  
Specific course content at discretion of the department. Details are included in preregistration materials.

HIS-297B  
SPECIAL TOPICS IN HISTORY: HISTORY OF WARFARE  
3 Credits  •  SS/ss  
An introduction to the history of war as practiced by human societies, nations and civilizations over the past three thousand years. The course will feature an examination of the various reasons that these various groups have for deciding to go to war, the advances in technology and strategy of warfare and the impact that war has on combatants and non-combatants. The goal of the course is to provide an understanding of the nature, the history and the consequences of warfare.

HONORS HON

HON-275  
HONORS INDEPENDENT STUDY  
1–3 Credits  
Independent study for students admitted to the Berkshire Honors Program. Student and instructor determine a project and the number of credits to be earned. Regularly scheduled meetings between student and instructor are required. Prerequisite: Permission of the instructor and the Honors Program Coordinator.

HON-298  
HONORS COLLOQUIUM: SUSTAINABLE ECOTOURISM IN BERKSHIRE COUNTY  
3 Credits  •  ES  
An interdisciplinary honors colloquium that focuses on the development of a plan for sustainable ecotourism in the Berkshire region. Students will work in small groups to gather and analyze data for a preliminary plan to be submitted at the end of the semester. Topics will include the natural, historic, scenic and economic resources/potential of the region within the context of sustainability. Analysis of the current array of Berkshire ecotourism enterprises will set the stage to identify future ecotourism possibilities. Students will also investigate the role Berkshire’s natural resources play in advertising. A high level of participation and initiative is expected from each student. Course format includes classroom seminars, report critiques and off-campus field experience (i.e., a weekend trip to Cape Cod). Some readings are required before the course begins and students may be required to attend a regional conference on ecotourism. Prerequisites: ENG-101 and membership in the Berkshire Honors Scholar Program.

HON-298B  
HONORS COLLOQUIUM: CONSPIRACY THEORIES IN AMERICAN HISTORY  
3 Credits  •  ES  
An investigation into the roles that conspiracy theories play in American society and culture, and the place of these theories in the broader context of American history. The colloquium will examine competing explanations for the prevalence of conspiracy theories, and will explore well documented conspiracies (e.g., Watergate; Iran-Contra), as well as classic ‘conspiracy theories’ which have not been substantiated (e.g., the Kennedy assassination; the 9-11 ‘Truth Movement’). Prerequisite: Membership in the Honors Program.

HON-298C  
HONORS COLLOQUIUM: GOTHIC LITERATURE & HORROR FILM  
3 Credits  •  As Needed  •  HU/hu  
An exploration of the Gothic novel from its origins to the current cultural movement and its evolution into horror film. The course will examine how ‘classic’ Gothic devices and conventions were employed by such authors as Shelley, Poe, Stevenson, Stoker and King, and how those conventions developed in film throughout the twentieth century. This colloquium will include literary, historical, psychological and sociological approaches to ‘horror.’ Skills prerequisite: ENG-020 and ENG-060. Prerequisite: Membership in the Honors Program. Recommendation: Six credits of composition.

HON-298D  
HONORS COLLOQUIUM: MUSIC IN THE 20TH CENTURY  
3 Credits  •  SS/ss  
An investigation of music in its many forms and genres in the 20th century. The course will examine the influence of the Industrial Revolution, the emergence of mass media, and the rise of a cosmopolitan global community on music and art in the 20th century. The colloquium will employ a range of academic disciplines and examine the impact of music on society and culture. Prerequisite: Permission of the instructor.

HON-298E  
HONORS COLLOQUIUM: PHILOSOPHY OF THE LIFE SCIENCES  
4 Credits  •  HU/hu  
An exploration of the life sciences, past and present. Designed to put life sciences into philosophical, historical and ethical perspective, the colloquium focuses on key problems and their treatment through history (e.g. origin of life, classification of organisms, energy conservation), processes of discovery and reasoning (e.g. evidence vs. revelation, eureka-moments, serendipity, logical reasoning, scientific research, cloning). The colloquium also examines vogue ideas (e.g. biodiversity, esprit de systeme, hopeful monsters, survival of the fittest, human ‘races’, biofeedback) as well as biological misconceptions, deceptions and hoaxes (e.g. preformation, phrenology, creative Darwinism, Piltdown man, intelligent design). Prerequisite: Membership in the Berkshire Honors Scholar Program.

HON-298F  
HONORS COLLOQUIUM: CONSPIRACY THEORIES IN AMERICAN HISTORY  
3 Credits  •  SS/ss  
An investigation into the roles that conspiracy theories play in American society and culture, and the place of these theories in the broader context of American history. The colloquium will examine competing explanations for the prevalence of conspiracy theories, and will explore well documented conspiracies (e.g., Watergate; Iran-Contra), as well as classic ‘conspiracy theories’ which have not been substantiated (e.g., the Kennedy assassination; the 9-11 ‘Truth Movement’). Prerequisite: Membership in the Honors Program.

HON-298G  
HONORS COLLOQUIUM: GOTHIC LITERATURE & HORROR FILM  
3 Credits  •  As Needed  •  HU/hu  
An exploration of the Gothic novel from its origins to the current cultural movement and its evolution into horror film. The course will examine how ‘classic’ Gothic devices and conventions were employed by such authors as Shelley, Poe, Stevenson, Stoker and King, and how those conventions developed in film throughout the twentieth century. This colloquium will include literary, historical, psychological and sociological approaches to ‘horror.’ Skills prerequisite: ENG-020 and ENG-060. Prerequisite: Membership in the Honors Program. Recommendation: Six credits of composition.
An introduction to legal issues of the hospitality industry. This course covers rights and liabilities of the travel agent and airlines as well as legal fundamentals for the food service and hotel industry as it pertains to guest relationships. Topics include contract law, negligence, guests’ rights, and employment and licensing issues. Skills prerequisite: ENG-020.

An introduction to critical methods in popular culture studies, with an emphasis on the graphic novel and comics as cultural producer and storyteller. This course examines the effects of disability and disfigurement, and the psychosocial effects commonly perceived by persons with physical, cognitive and psychological impairments. This course requires students to view material in multiple manners including essays, novels, movies and websites. Prerequisite: ENG-101 and membership in the Berkshire Honors Scholar Program.

GRAPHIC NOVEL & COMICS AS CULTURAL BAROMETER

HSP-108
WINE APPRECIATION
1 Credit
A study of the understanding and appreciation of wines. Students learn to recognize wines of different varieties, sources and quality, and study wine purchasing, storage and service. A five-week course.

HSP-109
BEVERAGE MANAGEMENT
2 Credits
An examination of the controls and management principles involved in operating a cocktail lounge. This course includes the procedures for controlling beverage costs and serving drinks, as well as purchasing, storing and inventory of beers and liquors. A ten-week course.

HSP-112
APPLIED FOOD SERVICE SANITATION
2 Credits + Fall + HF
A study of food service production areas from a sanitation perspective. This course emphasizes facts and principles of sanitation and safety in the preparation, handling and service of food. Students prepare for and take the SERVSAFE® Food Protection Certification examination.

HSP-115
FOOD SERVICE MANAGEMENT
3 Credits + CC-QR
An introduction to the procedures and forms used to control costs in a food service operation. This course emphasizes controlling costs of labor, food and beverages, and the importance of this control to a successful operation. Other topics discussed are the issuing, purchasing, receiving and storing of foods and beverages. Prerequisite: BUS-105 or permission of the instructor.

HSP-117
HOTEL MANAGEMENT
3 Credits + Fall
An introduction to the principles and procedures of hotel management, including each department within the hotel. This course covers housekeeping, maintenance and sales, with special emphasis on front desk operations. Skills prerequisite: ENG-020.

HSP-118
DINING ROOM MANAGEMENT
3 Credits
A study of the responsibilities of the dining room manager, including choice of equipment, menu planning, styles of food service (such as American, French or Russian) and the situations in which each should be used; pleasing customers; day-to-day operations; and assuming responsibility.

HOSPITALITY MANAGEMENT

HSP-108
WINE APPRECIATION
3 Credits
An introduction to the broad and dynamic world of hospitality management. This course explores management principles used to successfully operate hotels, restaurants, and travel and tourism organizations. Issues are explored from a supervisory and/or middle management perspective with emphasis on the applications of principles of management.

HSP-133
INTRODUCTION TO SPA MANAGEMENT
3 Credits + As Needed
A study of the responsibilities of the spa director for a resort hotel property. The course provides a contemporary look at the spa industry and the various and unique aspects of spa operations from day spa to resort spas. Skills prerequisites: ENG-020 and MAT-018C.

HSP-218
LODGING REVENUE MANAGEMENT
3 Credits + As Needed
An exploration of current strategies to maximize revenue in various business settings with emphasis on the hotel and lodging industry. Topics to explore include yield management, effective pricing techniques, market segmentation, distribution channels, overbooking practices and forecasting. Skills prerequisites: ENG-020 and MAT-018C.

HSP-237
HOSPITALITY SEMINAR
3 Credits
Research and discussion of current trends and issues in the hospitality industry. This course includes guest speakers who are professionals within their field and student research on selected hospitality topics. Field trips are required. Subscriptions to professional journals are required.

HSP-285
COOPERATIVE EDUCATION I
3 Credits
A practical work experience for the Hospitality/Culinary Arts students. The objectives and theory covered in the classroom will be integrated within the work experience setting and will be supervised by a work site coordinator. Skills prerequisite: ENG-020 and MAT-018C.

HSP-286
COOPERATIVE EDUCATION II
1–3 Credits
A continuation of skill development and review of work experience for Hospitality/Culinary Arts students. Objectives and theory covered in the classroom will be integrated within the work experience and supervised by a work-site coordinator.
A discussion course for human services interns to share field work experiences through case presentations. Students discuss factors which affect helping relationships and the effectiveness of assessment and intervention techniques used in each case. **Prerequisite:** Permission of the instructor. **Corequisite:** HSV-262.

**HSV-263**
FIELD PRACTICUM III
3 Credits
An internship which emphasizes the student's ability to demonstrate the skills and ethical standards of an entry-level human services professional. Students deal with more complex and intensive agency operations, assessment, intervention and case planning. Students spend at least twelve hours a week in the agency and write case reports which demonstrate case management skills and the ability to record objective behavioral descriptions. **Prerequisite:** Permission of the instructor. **Corequisite:** HSV-252.

**HSV-280**
GROUP & PROFESSIONAL DEVELOPMENT
3 Credits • Spring • CC-CT
A capstone course synthesizing Human Services program concepts and experiences. The dynamics of groups are taught through readings, discussions, exercises and games. Students explore group development, leadership styles and group responsibilities for a better understanding of self, client and professional roles. **Prerequisite:** HSV-252 and HSV-262 with a grade of B or better or permission of the instructor.

**HSV-297**
TOPICAL SEMINAR IN HUMAN SERVICES
1–3 Credits • As Needed
Specific course content at the discretion of the department. Details are in preregistration materials. **Prerequisite:** PSY-107 and permission of the instructor or program advisor.
COURSE DESCRIPTIONS

HUM-159
DIGITAL CULTURE
3 Credits • As Needed • HU/hu • CC-CT
A survey course of the pervasive impact of technology on contemporary life and institutions. Topics include a history of technology; social media and mobile technology’s role in the ‘my’ culture; security and privacy on the Internet; career technologies; search, search engines, information and ‘big data’; gaming; the sharing economy; technology and gender; and other topics. Course assessments include blogging, quizzes and exercises. Skills prerequisites: ENG-020 and ENG-060. Word processing, e-mail and Moodle skills recommended.

HUM-168
TRAVEL & STUDY: INTERNATIONAL CULTURE, HISTORY & NATURE
3 Credits • HU/hu
An interdisciplinary travel study course to explore international culture, history and nature through on-campus sessions and travel abroad, site visits, readings, discussions and research projects. Trips may include service learning components or home stays in the destination country. Skills prerequisite: ENG-010. Prerequisite: Permission of the instructor.

HUM-218
CONVERSATIONAL AMERICAN SIGN LANGUAGE II
3 Credits • As Needed • HU/hu
A course designed to refine skills in the use of basic ASL sentence types. Pronominalization, classifiers, spatial references, pluralization and temporal and distributional aspects are introduced. Students will study common communicative functions of the language such as the following: asking; requesting; providing clarification; and the giving and asking of directions. Information about the deaf community and culture will be included. Prerequisite: HUM-136 or permission of the instructor.

HUM-297
SPECIAL TOPICS IN HUMANITIES
3 Credits • HU/hu
Specific course content at the discretion of the department. Details are in preregistration materials. Prerequisite: ENG-101 or permission of the instructor.

INTERDISCIPLINARY INT

INT-103
COLLEGE IDENTITY IN CONTEXT
3 Credits • Fall & Spring
Designed to promote student immersion and success in the college experience through an interdisciplinary examination of issues of social and personal relevance. Assignments, group work and discussions will focus on areas as diverse as art, history, literature, psychology and science while engendering knowledge, skills and behaviors necessary for college success. Skills prerequisite: ENG-010.

MASSAGE THERAPY MBW

MBW-110
THERAPEUTIC MASSAGE I
5 Credits • Fall • HF
Concentration on Swedish Massage; safe massage practices; body mechanics; and physiological effects of massage taught through lectures, demonstrations and hands-on lab experience. Basic medical terminology will be introduced. There will be three hours of lecture and nine hours of supervised hands-on practical experience per week. Prerequisite: Admission to the Massage Therapy program. Corequisite: AHS-131 and BIO-150.

MBW-120
THERAPEUTIC MASSAGE II
4 Credits • Spring
Appropriate applications as well as indications and contraindications for various massage techniques will be discussed. Other topics will include documentation and current laws. There will be two hours of lecture and six hours of supervised hands-on practical lab experience per week. Prerequisite: AHS-131, BIO-150 and MBW-110. Corequisite: AHS-162, AHS-230, MBW-130, MBW-131 and MBW-150.

MBW-130
THERAPEUTIC MASSAGE PRACTICUM
2 Credits • Spring • CC-CT
Students will be required to complete a 100-hour supervised clinical practicum, in addition to two hours per week of practical laboratory integration. Emphasis is on gaining clinical experience and developing professional and technical skills within a supervised environment. Prerequisite: Current first aid and CPR certification, proof of current immunizations, medical records and CORI clearance, AHS-131, BIO-150 and MBW-110. Corequisite: AHS-162, AHS-230, MBW-120, MBW-131 and MBW-150.

MBW-131
THERAPEUTIC MASSAGE SEMINAR
1 Credit • CC-WC • CC-QC
An introductory study of massage and bodywork research. Students will explore the significance of research, the basic research process and various research approaches. Emphasis will be placed on how research can be critically read and integrated into massage practice to enhance professional knowledge and technical skills. Prerequisite: ENG-101 or permission of the instructor. Corequisite: MBW-120 and MBW-130.

MBW-150
BUSINESS PRACTICE FOR MASSAGE THERAPY
1 Credit • Spring • CC-QR
An overview of the business aspects of massage therapy. Areas covered include methods of income, business planning, business development, management, marketing and establishment of a business plan. Prerequisite: MBW-110 or permission of the instructor. Corequisite: MBW-120, MBW-130 and MBW-131.

MATHEMATICS MAT

BCC’s mission is to prepare students for graduation, transfer and careers; the Math Department’s mission is to help students gain quantitative literacy, understand mathematical ideas and use them to excel in their future work. We support degree programs of study, and students will find that the rigor and demands of the courses offered here are aligned with many four-year colleges and universities. The Math Department acknowledges the recommendations of professional mathematical societies such as AMATYC and NCTM.

BCC math courses range from arithmetic through calculus and many are offered in two formats: the traditional teacher-paced lecture format and the self-paced MAT-800 format.

In the MAT 800 series, students advance at their own rates and credits are earned individually. Self-motivated students can move quickly through their math credits, while those students who have not recently had math courses or who are lacking in confidence can move more slowly with the individualized faculty assistance needed to build solid foundations for long term success.

There are no lectures in this setting. Instead, students work with their texts, computers, teachers and tutors, if desired, to learn the material. They decide when to take tests and then are allowed to retest until they pass. Students may select MAT 800 for one or two credits and then may choose to add more once these are completed. Each student works with his or her teacher to plan the pace at which the credits should be completed.
COURSE DESCRIPTIONS

Pre-College-Level Math
Many students who take the Learning Skills Assessment place into Basic Math or Introductory Algebra. Our mission, as pre-college-level math teachers, is to help each student master skills, learn techniques and gain confidence in order to build a solid foundation for college-level math. Pre-college-level courses may be teacher-paced (MAT-018, MAT-028, MAT-029, MAT-045), on the self-paced MAT-800 “modules” (MAT-011 through MAT-029C). Course credits at this level do not transfer. At the pre-college-level major tests will be aligned in content, rigor and convenient for lecture and MAT-800 students.

College-Level Math
Although specific programs may require more or less math, College Algebra, Elementary Statistics and Survey of College Mathematics fulfill the BCC general education graduation requirement. Of these three, College Algebra is the most widely transferable and prepares students for precalculus.

It is available in the traditional teacher-paced format as well as the self-paced MAT 800 format. The Math Department offers courses that meet the requirements at institutions where the majority of BCC students expect to transfer. Degree and program requirements vary among institutions; the responsibility for a realistic plan belongs to each student.

TEACHER-PACED COURSES:

MAT-018
PRE-ALGEBRA
3 Credits
A comprehensive refresher in basic mathematics. Topics include fractions, decimals, ratio and proportion, percents, geometry and measurement. College credit will be awarded, but this credit will not count toward a degree. Skills prerequisite: MAT-011. Skills corequisite: ENG-010.

MAT-028
ELEMENTARY ALGEBRA I–III
3 Credits
The first semester of a two-semester sequence in elementary algebra. Topics include solving linear equations and inequalities, graphing linear equations and inequalities, solving systems of equations and an introduction to polynomials. College credit will be awarded, but this credit will not count toward a degree. Skills prerequisite: MAT-018C. Skills corequisite: ENG-020 and/or ENG-060.

MAT-029
ELEMENTARY ALGEBRA IV–VI
3 Credits
The second semester of a two-semester sequence in elementary algebra preparing students for intermediate algebra. Topics include factoring polynomials, operating with rational expressions, solving rational expressions, solving rational equations, manipulating square roots and solving square root and quadratic equations. College credit will be awarded, but this credit will not count toward a degree. Skills prerequisite: MAT-028C or MAT-028 or by learning skills placement. Skills corequisite: ENG-020 and/or ENG-060.

MAT-045
INTRODUCTION TO MATHEMATICAL LITERACY
4 Credits
A one semester course for students majoring in programs that do not require college algebra or higher level mathematics. Topics include basic numeracy, data analysis, proportional reasoning, algebraic reasoning and an introduction to linear and exponential functions. Emphasis is on developing students’ abilities to interpret and analyze data, to problem solve using algebraic and graphical representations and to effectively communicate mathematics in writing. This course is a prerequisite for Statistics (MAT-123) and Survey of College Math (MAT-113) only. College credit will be awarded, but this credit will not count toward a degree. Skills prerequisite: MAT-018 or MAT-018C. Skills corequisite: ENG-020 and ENG-060.

MAT-101
APPLIED CONTEMPORARY MATHEMATICS
3 Credits • As Needed • CC-QR
An examination of a variety of mathematical concepts which focus on solving problems, interpreting data and applications. This course includes topics such as tables, graphs, basic statistics, geometric measure and consumer mathematics. This course fulfills the BCC mathematics requirement ONLY for the Criminal Justice, Fire Science and Human Services programs. Skills prerequisite: ENG-020 and MAT-018C.

MAT-102
COLLEGE ALGEBRA
3 Credits • MA/ma • CC-QR
A comprehensive course in college algebra. Topics include, but are not limited to, systems of linear equations, rational exponents, radical equations, complex numbers and the conic sections. This course introduces the concept of a function and includes the study of linear, quadratic, logarithmic and exponential functions and equations. Applications are emphasized. Skills prerequisite: ENG-020 and MAT-029C or MAT-029.

MAT-113
SURVEY OF COLLEGE MATHEMATICS
3 Credits • All Terms • MA/ma • CC-QR
A selective study of mathematical concepts for liberal arts students. Topics include number sense and numeration; geometry and measurement; logic; sets; patterns and symmetry; equations and graphs of linear, exponential and logarithmic functions; and basic probability and statistics. Skills prerequisites: ENG-020 and MAT-029, MAT-029C or MAT-045.

MAT-121
PRECALCULUS
4 Credits • Fall • MA/ma • CC-QR
A one semester course designed for students who will study calculus. Topics include functions, transformations, inverses and families of functions including polynomial, rational, exponential, logarithmic and trigonometric. Trigonometric identities and the conic sections are also covered. This course emphasizes graphs of functions and problem solving using trigonometry, analytic geometry and advanced algebra. Skills prerequisite: ENG-020. Prerequisite: MAT-102 or MAT-102C or by learning skills assessment placement.

MAT-123
ELEMENTARY STATISTICS
3 Credits • MA/ma • CC-QR
A first course in statistics designed to introduce concepts such as the normal distribution, statistical inference, “Z” and “T” tests, as well as linear regression and correlation. Topics include probability, contingency tables and analysis of variance. Applications from the real world and in various fields of study, as well as current technological tools, are emphasized. Skills prerequisite: ENG-020. Prerequisite: MAT-029, MAT-029C, MAT-136 or MAT-045.

MAT-136
MATHEMATICS FOR THE HEALTH SCIENCES
3 Credits • As Needed • CC-QR
A selective study of mathematical concepts for students entering the health sciences. Topics include direct and inverse proportions, conversions, applications of linear functions and their models, applications of exponential and logarithmic functions and their models, basic geometry and trigonometry, introduction to probability and statistics. This course fulfills the BCC mathematics requirements ONLY for students entering the health sciences programs. Skills prerequisite: MAT-028B or MAT-051 and ENG-020 and/or ENG-060.

MAT-145
APPLIED CALCULUS I
3 Credits • Fall • MA/ma • CC-QR
A study of differential calculus, including such topics as functions, limits and continuity, the derivative, techniques of differentiation, maximum-minimum problems, curve sketching and exponential growth and decay. Emphasis is on applications to business, economics and the social sciences. Skills prerequisite: ENG-020. Prerequisite: MAT-121C or MAT-121.

MAT-146
APPLIED CALCULUS II
3 Credits • Spring • MA/ma • CC-QR
A continuation of MAT-145. This course is a study of integral calculus, including such topics as the antiderivative, the definite integral, techniques of integration, improper integrals, partial derivatives, least squares technique, Lagrange multipliers, differential equations and Taylor series. Emphasis is on applications to business, economics and the social sciences. Prerequisite: MAT-145.
MAT-151
CALCULUS I
3 Credits • Fall • MA/ma
A complete and comprehensive course in calculus. Applications in the physical and natural sciences are emphasized as well as the underlying theory and the logical development of the material. Topics include limits, continuity, derivative rules, maximum-minimum concavity, separable differential equations, area and the fundamental theorem. Skills prerequisite: ENG-020. Prerequisite: MAT-122C or MAT-122.

MAT-152
CALCULUS II
3 Credits • Spring • MA/ma
A continuation of MAT-151. Topics include volumes, arc length, surface of revolution, force, work and energy, growth and decay, inhabited population growth, trigonometric and hyperbolic functions, integration techniques, numerical integration, centroids, L'Hopital's Rule and improper integration. Prerequisite: MAT-151.

MAT-253
LINEAR ALGEBRA
3 Credits • As Needed • MA/ma • CC-QR
Systems, matrix algebra, inevitability, determinant function, adjoint, dot product, cross product, basis, dimension, Gram-Schmidt process, Kernel, range, similarity, eigenvectors, diagonalization and applications. Prerequisite: ENM-152.

MAT-254
DIFFERENTIAL EQUATIONS
3 Credits • As Needed • MA/ma • CC-QR
A study of the solutions to differential equations. Topics include first, second and higher order, mostly linear equations; also nonhomogeneous and non-linear equations with initial values and boundary conditions. Laplace transforms, linear first order systems and power series solutions are included. Prerequisite: MAT-028A.

MAT-275
INDEPENDENT STUDY IN MATHEMATICS I
1–3 Credits
Tutorials in which student and instructor determine the project and the number of credits to be earned subject to approval by the department chair.

MAT-276
INDEPENDENT STUDY IN MATHEMATICS II
1–3 Credits
Tutorials in which student and instructor determine the project and the number of credits to be earned subject to approval by the department chair.

MATHEMATICS MODULES:
The following MAT-800 Modules equal 1 credit.

MAT-011
ARITHMETIC I
1 Credit
Addition, subtraction, multiplication and division of whole numbers. This module includes solving simple word problems and the order of operations.

MAT-018A
ARITHMETIC II
1 Credit
Addition, subtraction, multiplication and division of common fractions and mixed numerals. This module includes solving equations and word problems and the order of operations. Skills prerequisite: MAT-011. Skills corequisite: ENG-010.

MAT-018B
ARITHMETIC III
1 Credit
A study of decimals. This module includes conversion to decimals and fractions, rounding and word problems involving rates, ratios and proportions. Skills prerequisite: MAT-018A.

MAT-018C
ARITHMETIC IV
1 Credit
A study of percents and geometry and their applications. This module includes conversion with decimals and fractions to percent problems and applications. A brief introduction to basic geometry formulae and applications is included. Skills prerequisite: MAT-018B.

MAT-028
ELEMENTARY ALGEBRA I
1 Credit
Focuses on solving linear equations and inequalities in one variable. Skills prerequisite: ENG-020 and MAT-018C.

MAT-028B
ELEMENTARY ALGEBRA II
1 Credit
Focuses on graphing linear equations and inequalities in two variables. Skills prerequisite: MAT-028A.

MAT-028C
ELEMENTARY ALGEBRA III
1 Credit
Focuses on solving systems of linear equations by graphing, substitution and elimination. This module also introduces polynomials. Skills prerequisite: MAT-028B.

MAT-029A
ELEMENTARY ALGEBRA IV
1 Credit
Focuses on factoring polynomials. Skills prerequisite: MAT-028C or MAT-028.

MAT-029B
ELEMENTARY ALGEBRA V
1 Credit
Focuses on operating with rational expressions and solving rational equations. Skills prerequisite: MAT-029A.

MAT-029C
ELEMENTARY ALGEBRA VI
1 Credit
Focuses on manipulating square roots and solving square root and quadratic equations. Skills prerequisite: MAT-029B.

MAT-102A
COLLEGE ALGEBRA I
1 Credit • MA/ma
Linear equations and inequalities, graphs, functions and systems of equations. This module includes compound inequalities, absolute value inequalities, function notation, linear functions and systems of equations in three variables. Skills prerequisite: ENG-020 and MAT-029C or MAT-029.

MAT-102B
COLLEGE ALGEBRA II
1 Credit • MA/ma
Radical expressions, equations and functions and quadratic functions and equations. This module includes radical functions, simplifying and performing operations on radical expressions, solving radical equations and the complex numbers. It also covers solving quadratic equations, graphing quadratic functions and solving polynomial and rational inequalities. Prerequisite: MAT-102A.

MAT-102C
COLLEGE ALGEBRA III
1 Credit • MA/ma
Exponential and logarithmic functions and the conic sections. This module includes inverse and composite functions, properties of logarithmic and exponential functions, solving exponential and logarithmic equations and mathematical modeling with exponential and logarithmic functions. It also covers graphing conic sections, applications of conic sections and nonlinear systems of equations. Prerequisite: MAT-102B, MAT-122C or MAT-122.
MUS-101
APPLIED MUSIC I (ALL OTHER INSTRUMENTS)
1 Credit • HU/hu
The study of an instrument or voice. This course is aimed at the development of performance skills and the study of appropriate literature drawn primarily from the Western music tradition. Lessons taught at the Berkshire Music School (BMS) require that students register at both BCC and BMS and pay an additional fee to BMS.

MUS-102
APPLIED MUSIC II (ALL OTHER INSTRUMENTS)
1 Credit • HU/hu

MUS-106
FUNDAMENTALS OF MUSIC
3 Credits • Fall • HU/hu
A study of the fundamentals of musical language: pitch, intervals, scales, keys, rhythm and basic triads. Basic keyboard skills and principles of musical organization will also be studied, using examples from classical and popular music. Course objectives include the student learning to read, play and listen more effectively to music. No musical background is required. Skills prerequisite: ENG-020, ENG-060 and MAT-018A.

MUS-108
MUSIC THEORY I
3 Credits • Spring • HU/hu • CC-CT
A study of tonal harmony beginning with a brief theory review. Course topics include principles of voice leading; root position voice leading; harmonic progression; chords in first, second, and third inversions; cadences; and non-chord tones. Students will analyze and write in accordance with the principles studied. Prerequisite: C or better in MUS-106 or permission of the instructor based on placement exam taken during the initial class meeting.

MUS-110
AMERICAN POPULAR MUSIC
3 Credits • HU/hu
An introduction to the history and diversity of American popular music. This course begins with an examination of the sources of American popular music and then follows the development of popular styles up to contemporary vernacular styles. The discussions include folk, blues, gospel, country, jazz, musical theatre, popular song and rock. No musical background is required. Skills prerequisite: ENG-020 and ENG-060.

MUS-114
PERFORMANCE SEMINAR
1 Credit
A class intended for students studying applied voice or instruments. Students will learn auditioning techniques and will practice performing in front of others. Participants will develop a portfolio for auditioning and performing in public.

MUS-116
FUNDAMENTAL MUSICIANSHIP
2 Credits • HU/hu
An instructor-guided practicum involving sight singing and dictation (writing down) of melodies and phrases of easy to intermediate level difficulty.

MUS-120
CHORAL ENSEMBLE I
1 Credit
Rehearses and performs choral works for mixed voices. The BCC Chorale prepares music of all styles, including classical, pop, jazz and show tunes. For beginning and experienced singers.

MUS-130
CHORAL ENSEMBLE II
1 Credit
A continuation of MUS-120. Prerequisite: MUS-120.

MUS-132
RECORDING TECHNOLOGY I
3 Credits • HU/hu
An instructor-guided course in digital and analog recording techniques. Students will learn to author sound and music on a personal computer using SONAR software. Using the tutorials embedded in the software, students will gain skill in understanding and manipulating the tools which will help produce group and individual projects. Skills prerequisite: Basic computer literacy.

MUS-136
AMERICAN MUSICAL THEATRE
3 Credits • As Needed • HU/hu
A thorough investigation of the history and structure of American musical theatre. Lectures and demonstrations will be augmented with films and recordings. Students will prepare and present scenes and songs from selected musical plays, illustrating integration of libretto, score and dance in American musical theatre. No music background is required. Skills prerequisite: ENG-020 and ENG-060.

MUS-138
CLASS PIANO I
1 Credit • HU/hu
An introduction to playing the piano. The class will focus on reading and playing music, keyboard technique, sight-reading, transposing and improvising at the piano.

MUS-139
CLASS PIANO II
1 Credit • HU/hu
A continuation of MUS-138 with an intermediate focus on reading and playing music, keyboard technique, sight-reading, transposing and improvising at the piano. Prerequisite: MUS-138.

MUS-141
INTRODUCTION TO JAZZ
3 Credits • As Needed • HU/hu
A chronological and stylistic investigation of jazz. Beginning with a study of the roots of jazz in African music and blues, the course will examine Dixieland, swing, bebop, post-bop, cool jazz, avant-garde, modern and fusion styles through lectures, listening, videos and live performances. The effect of jazz on other musical styles will also be studied. No musical background is required. Skills prerequisite: ENG-020 and ENG-060.

MUS-145
WORLD MUSIC
3 Credits • As Needed • HU/hu
A survey of the indigenous musics of Africa, South and North America, Eastern Europe, India, Southeast Asia and East Asia. Emphasis will be placed on the interrelationships between music and society. Course work will include lecture, listening, live performances, videos and student experiments in performance of non-Western music. No musical background is required. Skills prerequisite: ENG-020 and ENG-060.

MUS-151
INSTRUMENTAL ENSEMBLE I
1 Credit
Rehearsal and public performance as part of area instrumental ensembles, under the supervision of BCC music faculty. These ensembles include the Eagles Concert Band, Pittsfield Red Knights Drum and Bugle Corps and area African percussion groups. Prerequisite: Intermediate-level proficiency on a traditional band, symphonic or folk instrument.

MUS-152
INSTRUMENTAL ENSEMBLE II
1 Credit
A continuation of MUS-151. Prerequisite: MUS-151.

MUS-156
MUSICIANSHIP I
2 Credits • HU/hu
An instructor-guided practicum involving sight singing and dictation (writing down) of melodies and phrases of beginning to intermediate level. Sight singing/ear training software may be used for this course.

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COURSE DESCRIPTIONS

MUS-163
JAZZ ENSEMBLE I
1 Credit • HU/hu
A study of the major principles of small group jazz performance. Students develop repertoire, apply appropriate chord/scales to improvisation and accompaniment, participate in ensemble rehearsals and perform publicly. Prerequisite: Ability to read music and play an instrument or sing.

MUS-164
JAZZ ENSEMBLE II
1 Credit • HU/hu
A continuation of MUS-163. Prerequisite: MUS-163 or permission of the instructor.

MUS-185
COMPUTER MUSIC NOTATION
3 Credits • As Needed • HU/hu
The study and practice of computer music notation. Finale software will be utilized to allow students to create music manuscripts/scores at the computer. Using the college Midi lab, students will explore topics such as note entry, notational details, articulations and expressions, page layout and working with scores and parts. Lab time will be provided for individual practice. Prerequisites: MUS-106 and MUS-108 or permission of the instructor.

MUS-187
MUSIC THEORY II
3 Credits • HU/hu
In the context of tonal harmony, course consideration of diatonic seventh chords, secondary functions, modulations using diatonic common chords, other modulatory techniques and binary and ternary forms. Students will analyze and write in style according to the principles studied. Finale music notation software will be used in this course. Prerequisite: C or better in MUS-108 or permission of the instructor.

MUS-201
APPLIED MUSIC III (OTHER INSTRUMENTS)
2 Credits • HU/hu
A continuation of MUS-102 intended for music majors. Students will develop more advanced performance skills, will attend concerts or recitals, and will complete at least one public performance and/or jury as defined by the student and instructor. Prerequisite: B or better in MUS-102.

MUS-202
APPLIED MUSIC IV (ALL OTHER INSTRUMENTS)
2 Credits • HU/hu
A continuation of MUS-201 intended for music majors. Students will develop more advanced performance skills, will attend concerts or recitals, and will complete at least one public performance and/or jury as defined by the student and instructor. Prerequisite: B or better in MUS-201.

MUS-216
MUSICIANSHIP II
2 Credits • HU/hu
An instructor-guided practicum involving sight singing and dictation (writing down) of melodies and phrases of advanced difficulty. Sight Singing/Ear Training music software will be used in this course. Prerequisite: MUS-156.

MUS-220
CHORAL ENSEMBLE III
1 Credit
A continuation of MUS-130. Prerequisite: MUS-130.

MUS-225
MUSIC HISTORY I
3 Credits • Fall • HU/hu • CC-CT • CC-OC
An introduction to the principal styles and masterworks of western music from the Middle Ages to 1750. Students will investigate Gregorian chant, Renaissance sacred and secular works, and the music of Baroque masters Bach, Handel, Vivaldi and Purcell. Music is examined through lecture, listening and video presentations. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: MUS-108.

MUS-226
MUSIC HISTORY II
3 Credits • HU/hu • CC-CT • CC-WC
An introduction to the principal styles and masterworks of Western music from 1750 to the 21st century. Students will investigate the music of such composers as Mozart, Beethoven, Schubert, Stravinsky and Copland. Music is examined through lecture, listening and video presentations. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: MUS-108.

MUS-230
CHORAL ENSEMBLE IV
1 Credit
A continuation of MUS-220. Prerequisite: MUS-220.

MUS-232
RECORDING TECHNOLOGY II
3 Credits
An instructor-guided course in live studio recording techniques. Students will use PRO TOOLS software to record and produce live musical performances using microphone placement techniques taught by the instructor. Multi-tracking, final editing and mix-downs of performances will also be studied.

MUS-249
SONG WRITING
3 Credits • HU/hu
An examination of the process of setting words to music and music to words. Using pre-existing or original texts, students explore the techniques used to create songs. The course features a consideration of how melody, rhythm, harmony and dynamics, as well as other musical elements, combine to elevate the meaning of the words. Students will study how the human voice can be expressive in the realm of the sung thought and how the presence of an accompaniment can tie musical forces together to form a creative work in which the whole is greater than the sum of its parts. Prerequisites: MUS-108 or permission of the instructor.

MUS-251
INSTRUMENTAL ENSEMBLE III
1 Credit
A continuation of MUS-152. Prerequisite: MUS-152.

MUS-252
INSTRUMENTAL ENSEMBLE IV
1 Credit
A continuation of MUS-251. Prerequisite: MUS-251.

MUS-263
JAZZ ENSEMBLE III
1 Credit • HU/hu
A continuation of MUS-164, Jazz Ensemble II. Prerequisite: MUS-164 or permission of the instructor.

MUS-264
JAZZ ENSEMBLE IV
1 Credit • HU/hu
A continuation of MUS-263, Jazz Ensemble III. Prerequisite: MUS-263 or permission of the instructor.

MUS-275
INDEPENDENT STUDY IN MUSIC
1–3 Credits
Student and instructor determine the project and the number of credits to be earned. Prerequisite: Permission of the instructor.

MUS-297
SPECIAL TOPICS IN MUSIC
3 Credits • HU/hu
Specific course content at the discretion of the department. Details are included in preregistration materials.

NURSING ADN

NUR-101
PHYSICAL & MENTAL HEALTH I
9 Credits • Fall • HF • CC-CT
An introduction to healthcare with focus on normal physiological and psychosocial function. This course provides a basic introduction to the Nurse of the Future Core Competencies with an emphasis on
nursing knowledge, patient-centered care, therapeutic communication, safety, quality improvement, informatics and technology. Critical thinking skills are introduced and utilized in the collection and analysis of simple types of data. Basic assessment and psychomotor skills are taught, allowing the student to provide patient-centered care in varied settings. The concepts of system-based practice and evidence-based practice are discussed, along with the role of the nurse as a health care professional and leader, with an emphasis on health promotion, wellness, teamwork and collaboration. Student learning activities include journaling, case studies, use of learning management system for online assignments and test taking skills. Service learning is introduced in this course and focuses on health promotion an application of newly acquired skills in a supervised setting. Prerequisite: Admission to the Nursing program. Corequisite: BIO-201 and ENG-101 or ENG-103 and PSY-107.

NUR-102  PHYSICAL & MENTAL HEALTH II  8 Credits • Spring • HF • CC-CT
The development of the Nurse of the Future Core Competencies with a greater understanding and application of nursing knowledge, therapeutic communication, safety, quality improvement and informatics and technology. The focus is on patient-centered care of individuals with acute and chronic physiological and psychosocial alterations across the lifespan. Critical thinking skills are enhanced in the collection and analysis of more complex types of data. Assessment and psychomotor skills with increased dexterity are utilized in the planning and provision of patient-centered care in varied settings. The concepts of system-based practice and evidence-based practice are utilized along with the role of the nurse as a health care professional and leader with an emphasis on the developmental needs of patients. Student learning activities include journaling, case studies, pediatric case presentations, learning management system online assignments and test taking skills. Service learning activities are continued in this course and focus on health promotion and maintenance in a supervised setting. Prerequisite: BIO-201 and ENG-101 or ENG-103 and NUR-101 and PSY-107. Corequisite: BIO-202 and BIO-207 and PSY-204.

NUR-106  LPN TO RN BRIDGE  2 Credits
An introduction to the ADN Nurse of the Future Core Competencies, including nursing knowledge, therapeutic communication, safety, quality improvement, informatics and technology. Development of critical thinking skills to collect and analyze complex data is discussed. The concepts of system-based practice and evidence-based practice are introduced along with the role of the nurse as a health care professional and leader with an emphasis on the developmental needs of patients. Basic assessment and psychomotor skills are reinforced. The role transition from LPN to ADN Nursing is emphasized. Prerequisites: PSY-107, PSY-204, BIO-201, BIO-202, BIO-207, ENG-101, current LPN licensure and admission into the nursing program.

NUR-201  PHYSICAL & MENTAL HEALTH III  9 Credits • Fall • HF • CC-CT • CC-WC
Is a refinement of the Nurse of the Future Core Competencies with integration of nursing knowledge, critical thinking, therapeutic communication, quality improvement and evidence-based nursing practice that focuses on adult patients with acute and chronic physiological and psychosocial alterations. The efficient performance of basic and advanced assessment and psychomotor skills are utilized to provide safe, quality care in a variety of settings. The leadership role of the professional nurse within the health care system is enhanced through the process of teamwork and collaboration to achieve prioritized patient-centered outcomes. A comprehensive care plan, older adult assessment and/or service learning project reinforce learning and helps to refine achievement of Nurse of the Future Core Competencies in a variety of settings. Prerequisites: BIO-202, NUR-102 and PSY-204. NUR-106 is required for all LPN mobility students. Prerequisite or corequisite: BIO-207. Corequisites: COM-104, COM-105, COM-106 or COM-107 and SOC-105.

NUR-202  PHYSICAL & MENTAL HEALTH IV  9 Credits • Spring • CC-QR
This course continues to build upon the Nurse of the Future Core Competencies with analysis of nursing knowledge, critical thinking, therapeutic communication, conflict resolution, quality improvement and evidence-based nursing practice, as well as increased proficiency in basic and advanced psychomotor skills. The focus is on adult patients and families experiencing multisystem illnesses in a variety of settings. Competence in the role of the professional nurse as a leader within the health care system is obtained through teamwork and collaboration to achieve desired patient-centered outcomes. A capstone nursing care plan, older adult assessment and/or service learning project reinforce learning and proficiency in the application of the Nurse of the Future Core Competencies in a variety of settings. Prerequisite: COM-104, COM-105, COM-106 or COM-107, NUR-201 and SOC-105. Corequisite: ENG-102 or ENG-104, NUR-206 and an elective in history or humanities and fine arts.

NUR-206  NURSING IN TRANSITION  1 Credit • Spring
The Nurse of the Future Core Competencies of professionalism, leadership, teamwork and collaboration are further analyzed. The role of the nurse is emphasized in relation to the historical development of the profession, legal, cultural and ethical issues faced by today's nurses. The various educational, employment and community service options in nursing and the transition from student to a professional nurse are also recognized. Prerequisite: NUR-201. Corequisite: NUR-202.

NURSING LPN

LPN-142  HEALTH MAINTENANCE OF THE ADULT & AGING  15 Credits • HF • CC-CT • CC-WC
Theoretical and clinical application of basic nursing skills at the practical nurse level related to maintaining homeostasis in the adult and aging. Course components include nursing theory, nursing process, client/nurse relationship, ethical and legal issues and the development of basic psychomotor skills in a long-term care facility. Ten hours of class time and fifteen hours of laboratory weekly. A service learning component is required. Prerequisite: Admission to the Practical Nursing program.

LPN-145  GERONTOLOGY PRACTICUM  2 Credits • CC-OC
A three-week intensive clinical practicum to reinforce competency in basic nursing theory, practice and assessment of aging clients. Participation in the formulation of a written nursing care plan is emphasized. Pass/No Pass grading. Prerequisite: LPN-142.

LPN-152  HEALTH ALTERATIONS OF THE ADULT & AGING  15 Credits
A continuation of basic nursing theory and more advanced clinical practice. Course components include nursing theory and nursing process, broadened to include assessment planning, evaluation and clinical practice. Clinical practice occurs in a long-term care and acute care facility. Ten hours of class time and fifteen hours of laboratory weekly. A service learning component is required. Prerequisite: LPN-145.

LPN-162  HEALTH CARE OF THE FAMILY  6 Credits • CC-CT
Completion of basic nursing theory and clinical practice related to the care of the family, newborn to aging. Course components include nursing theory, nursing process, human growth and development and role transition from student to entry-level practice. Clinical practice occurs in community, acute care and long-term care settings. Six hours of class time and 26 hours of laboratory weekly. Pass/No Pass grading. Prerequisite: LPN-152.
COURSE DESCRIPTIONS

PHILOSOPHY PHL

PHL-101 PHILOSOPHY & SELF-IDENTITY
3 Credits • HU/hu • CC-WC
An examination of many aspects of self-awareness and personal identity. Assigned readings and class discussions survey the human quest for meaning and self-identity as it appears in the fields of philosophy, religion, sociology and psychology.

PHL-102 INTRODUCTION TO PHILOSOPHY
3 Credits • Fall • HU/hu • CC-CT
An introductory course exploring some of the basic questions, ideas and theories concerning the nature of reality, the acquisition of knowledge, ethical behavior, the religious quest and the human future, primarily as developed in Western thought. Skills prerequisite: ENG-020.

PHL-105 WORLD SECURITY & SUSTAINABILITY
3 Credits • Fall • HU/hu • CC-CT
An examination of a wide variety of problems that stand in the way of national and individual security and a sustainable approach to global survival. The course explores the design of solutions to these problems. Skills prerequisite: ENG-020.

PHL-111 ALTERNATIVES TO VIOLENCE
3 Credits • Spring • HU/hu • CC-CT
An introduction to basic self-defense concepts and techniques. This course emphasizes self-care as self-defense which utilizes methods to avoid becoming a victim. Topics include assessment, assertiveness, verbal resistance and various levels of physical responses to conflict situations. A ten-week course.

PHL-109 INTRODUCTION TO BADMINTON
1 Credit • HF
An introduction to the fundamental skills of badminton which emphasizes stroke development, strategy and scoring. Drill formations, conditioning and game play are also incorporated. A five-week course.

PHL-115 INTRODUCTION TO VOLLEYBALL
1 Credit • HF
An introduction to the basic fundamental skills of the bump, serve, set and spike. Drill work, conditioning and skill development are applied during game play. A five-week course.

PHL-116 INTRODUCTION TO GOLF
1 Credit • HF
An introduction to the fundamentals of golf. The swing, equipment, terminology and golf course etiquette are emphasized. A five-week course.

PHL-118 PICKLEBALL
1 Credit • As Needed • HF
Pickleball is a simple paddle game played using a special perforated, slow-moving ball over a tennis-type net on a badminton-sized court. The course focuses on skills practice, strategies, techniques, rules and game play. Equipment provided. A five-week course.

PHL-120 INTRODUCTION TO TENNIS
1 Credit • As Needed • HF
An introduction to the basic skills, rules and terminology of tennis. The course focuses on skills practice and game play. Equipment is provided. A five-week course.

PHL-130 INTRODUCTION TO AIKIDO
1 Credit • HF
An introduction to basic principles of Aikido, a Japanese martial art. Emphasis will be on feeling and maintaining a strong center (known as the hara), progressive relaxation through movement, correct posture and positive mind. Students will observe and then practice Aikido techniques, Ki exercises and learn how to fall and roll correctly. This class will allow students to experience both the attacker (uke) and defender (nage) roles. A five-week course.

PHL-135 ULTIMATE FUNCTIONAL TRAINING WORKOUT
2 Credits • HF
An intense total body workout that combines interval, cardio and muscle conditioning exercises. Agility ladders, stability balls, free weight and medicine balls are used in this course. All exercises are modified and individualized for each participant. All fitness levels are welcome.

PHL-136 WEIGHT TRAINING
1 Credit • HF
A preparatory course emphasizing long-term personal maintenance through the use of free weights, machines and functional equipment. The course topics include a variety of strength training routines and safety guidelines in the use of all equipment.

PHL-137 AEROBICS
1 Credit • HF
Introduction to an aerobic exercise program designed to improve the cardiovascular system. Aerobic programs are developed to meet individual needs. A five-week course.

PHL-151 CARDIO BOOT CAMP
1 Credit • HF
A military-style circuit workout featuring high-intensity conditioning and power moves. Circuit training workouts are designed to improve athletic performance through cardiovascular conditioning, strength training exercises and sports-specific drills. This course requires a high level of physical activity.

PHL-152 GROUP EXERCISE INSTRUCTION
2 Credits • HF
A preparatory class for those interested in teaching group exercise classes either privately or commercially. This course is designed to prepare the student for national certifications. Students will learn to design and teach exercise classes of their own. A basic understanding of major muscle groups and their relationship to exercise is also covered. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: Current CPR certification; PED-180 or permission of the instructor.
COURSE DESCRIPTIONS

PED-160 MUSCLE STRENGTH & CONDITIONING
1 Credit • HF
An exploration of various resistance-training techniques to improve muscular strength and endurance. The use of these techniques develop muscle definition and elevate the body’s metabolism by increasing lean muscle mass.

PED-161 ADVANCED STRENGTH TRAINING
1 Credit • HF
An exploration of muscular strength assessment and development. Resistive training principles, modes and methodologies will be addressed in detail. Practical considerations and application will be an integral part of the course components. Guidelines from the American College of Sports Medicine will provide the foundation for the course. Prerequisite: PED-136 or permission of the instructor.

PED-170 PERSONAL TRAINER
3 Credits • Spring • CC-CT • CC-QR
A course designed to prepare students for the national ACE Personal Trainer certification. Students will be exposed to the most current and complete information, instructional techniques and professional skills personal trainers need to provide safe and effective exercise programs to their clients. Students will understand the basic principles and skills inherent to personal training. Skills prerequisites: ENG-020 and ENG-060. Prerequisites: Current CPR certification. AHS-142 or permission of the instructor.

PED-180 FITNESS FOR LIFE
2 Credits • HF
A nontechnical study of lifetime fitness. Topics include fitness starter programs, nutritional and weight loss information and self-behavior modification techniques. A ten-week course. Skills prerequisite: ENG-060.

PED-196 PRACTICUM I
1 Credit
The program requires a 100-hour practicum experience for students in the Physical Fitness certificate program. This course fulfills the first half of this requirement. Students will receive instruction in skills, concepts and information necessary to work with clients. Students are required to complete 50 hours of observation and participation in community fitness programs. Emphasis will be on the ability to assess, analyze and interpret client data. Students will be required to have liability insurance and have CORI/SORI checks. Prerequisite: Admission to the Physical Fitness certificate or degree program.

PED-197 PRACTICUM II
1 Credit
A continuation of the practicum experience. This course fulfills the second half of the 100-hour requirement for students in the Physical Fitness certificate program. Students will design and implement safe and effective exercise programs for clients. Students are required to complete 50 hours working with apparently healthy clients in the Paterson Fitness Center. Emphasis will be on motivating and educating individuals. Prerequisite: AHS-148 and PED-196. Admission to the Physical Fitness Certificate or Physical Fitness degree program.

PED-207 PREVENTION & CARE OF EXERCISE INJURIES
2 Credits • HF • CC-QR
An integration of exercise physiology and risk of injury/benefit to specific exercises. The role of the personal trainer in recognizing and monitoring situations for potential injury, identifying effects of exercise in the presence of injury and determining need for medical referral is emphasized. Specific medical conditions and client presentations such as back pain, arthritis, postural imbalance and acute/chronic injury will be explored. Prerequisite: AHS-142 or permission of the instructor.

PED-241 ADVANCED PRACTICUM I
1 Credit
An advanced practical experience for the Physical Fitness Degree student. Students will demonstrate a higher level of skill in designing integrated fitness training for special populations. Emphasis will be on stability/mobility exercises, movement, movement with resistance and performance enhancing skills. Students will be required to complete 50 hours of practical experience working with clients in the Paterson Fitness Center. Students will be required to have liability insurance and have CORI/SORI checks. Prerequisite: PED-170 and PED-197.

PED-242 ADVANCED PRACTICUM II
1 Credit
The final practicum experience of the curriculum. Under the supervision of a certified physical fitness trainer, the student uses the skills learned throughout the previous semesters to implement, design and market exercise programs. Emphasis will be placed on special needs assessments, exercise adherence and client-trainer relationships. Prerequisite: PED-241.

PED-250 PSYCHOLOGY OF SPORT
3 Credits • Spring • HF
Exploration of the psychological dynamics of sports. Topics include aggression in sport, playing to versus playing to win, personality factors of coach and athlete, motivating teams and athletes and crowd behavior. Skills prerequisite: ENG-020 and ENG-060.

PED-284 ACE ADVANCED HEALTH & FITNESS SPECIALIST
3 Credits • HF
A course designed to provide theoretical knowledge and practical skills in preparation for a national certification exam in advanced health and fitness, which encompasses working with clients with various health challenges. Topics include: guidelines for instructing safe and effective exercise for clients with cardiovascular and pulmonary disorders, metabolic diseases, musculoskeletal disorders and other specialized population groups; essentials of the fitness professional; client relationship as well as the fitness professional-healthcare community relationship; and the Advanced Health and Fitness Specialist’s professional role. Prerequisites: PED-170, PED-196, PED-197, PED-241 and PED-242. Current adult CPR and AED certification. AHS-142 or current ACE Personal Trainer certification, Lifestyle and Weight Management certification; or an NCAA-accredited Personal Trainer or advanced fitness related certification; or have a four-year (bachelor’s) degree in an Exercise Science or related field at the time of registration and submit supporting documentation. 300 hours of work experience designing and implementing exercise programs for apparently healthy individuals and/or high risk individuals as documented by a qualified professional at the time of registration. Permission of the program advisor is required.

PHYSICAL THERAPIST ASSISTANT PTA

PTA-100 INTRODUCTION TO PHYSICAL THERAPY
2 Credits • Fall • HF
An introduction to the philosophy, history and practice of physical therapy. This course examines the relationship of the physical therapist assistant to the licensed physical therapist and to other members of the health care team. Laboratory exercises include instruction in body mechanics, lifting techniques, basic patient care skills and preparation of patient and treatment areas. Prerequisite: Admission to PTA program. Corequisite: PTA-102, BIO-201 and PHY-111.

PTA-101 PHYSICAL THERAPIST ASSISTANT I
4 Credits • Spring • CC-CT
An introduction to the basic principles and applications of various physical therapy methods and treatment techniques. This course includes the study of the physiological effects of heat, cold, massage and electrotherapy. The course also provides an introduction to documentation and record keeping. Prerequisite: PTA-100, PTA-102, BIO-201 and PHY-111. Corequisite: PTA-115 and BIO-202.
COURSE DESCRIPTIONS

PTA-102 STRUCTURAL ANATOMY
3 Credits • Fall
An introduction to the structural anatomy of the human body. This course is designed to emphasize surface palpation and musculoskeletal anatomy. The course will include anatomical palpatations and orthopedic data collection. Prerequisite: Admission to the PTA program. Corequisite: PTA-100, BIO-201 and PHY-111.

PTA-115 FUNCTIONAL ANATOMY
3 Credits • Spring • CC-CT
A study of the biomechanical and physiological functions of the musculoskeletal system. This course compares clinical dysfunction to normal human movement. Manual muscle testing, gait and balance will also be included in this course. Prerequisite: PTA-100, PTA-102, PHY-111 and BIO-201. Corequisite: PTA-101 and BIO-202.

PTA-150 CLINICAL EDUCATION I
2 Credits • Summer
The first of three clinical education courses scheduled for the summer between the first and second year of the Physical Therapist Assistant program. The student is placed in a physical therapy facility under the supervision of a licensed physical therapist or physical therapist assistant to practice the procedures and treatments learned in the classroom and laboratory during the first year. 160 hours of clinical laboratory. Pass/No pass grading. Prerequisites: PTA-101, PTA-115 and a current Community CPR card.

PTA-200 REHAB NEUROLOGY
3 Credits • Fall • CC-CT

PTA-201 PHYSICAL THERAPIST ASSISTANT II
2 Credits • Fall • CC-WC
A continuation of the study of Physical Therapist Assistant procedures with emphasis on problem solving approaches to the treatment of dysfunction related to the musculoskeletal, cardiac and integumentary systems. The course is designed to develop an understanding of the underlying principles of advanced physical therapy treatment methods. Prerequisites: PTA-200 and PTA-202. Corequisite: PTA-203.

PTA-202 THERAPEUTIC EXERCISE
4 Credits • Fall
An introduction to the physiological effects of exercise and common approaches to therapeutic exercise. Joint mechanics and range of motion are reviewed. Techniques of exercise for various regions of the human body, including exercise for spinal dysfunction, will be discussed. Prerequisite: PTA-101, PTA-115 and BIO-202. Corequisite: PTA-200.

PTA-203 PHYSICAL THERAPIST ASSISTANT SEMINAR
3 Credits • Spring • CC-OC
A presentation of case studies relevant to previous or current clinical experiences. This course includes discussions of contemporary health issues, ethics, governmental involvement in physical therapy, fiscal considerations and other topics of student interest. This course integrates skills developed in the classroom and clinic with students’ recognition of their own strengths and limitations. Prerequisite: PTA-200 and PTA-202. Corequisite: PTA-201.

PTA-250 CLINICAL EDUCATION II
4 Credits • Fall • CC-OC
An application of advanced physical therapist assistant procedures. The student is assigned to work under the supervision of a licensed physical therapist or a physical therapist assistant. The student improves clinical skills gained in previous courses. This is the second clinical education segment. 240 hours of clinical laboratory. Pass/No Pass grading. Prerequisites: PTA-150, PTA-200, PTA-202, Clinical Competency Practical Exam and a current Community CPR card.

PTA-260 CLINICAL EDUCATION III
4 Credits • Spring • CC-OC
The final clinical education segment of the curriculum. The student, under supervision of a licensed physical therapist or physical therapist assistant, uses skills learned throughout the previous three semesters. Each student meets a specified level of competency in a combination of skills related to the physical therapist assistant profession. 240 hours of clinical laboratory. Pass/No Pass grading. Prerequisites: PTA-201, PTA-203, PTA-250 and a current Community CPR card.

PHY-101 COLLEGE PHYSICS I
4 Credits • Fall • SC/Sl • CC-QR
A vector study of mechanics including static and dynamic equilibrium, kinematics and dynamics of plane motion, friction, gravity, energy, work, power, impulse and momentum. The kinetic model of matter, thermometry and thermal processes is also covered in lecture and laboratory. Prerequisite: ENM-127, MAT-102 or equivalent.

PHY-102 COLLEGE PHYSICS II
4 Credits • Spring • SC/Sl • CC-CT
A study of wave motion, including vibrations and pendulum; of sound, including resonance, beats and the Doppler effect; of light, including reflection, refraction and dispersion; and of static and current electricity, including capacitance, magnetism, inductance and circuits. The course also covers electrical machines and phenomena, plus topics from modern physics. Prerequisite: PHY-101 or permission of the instructor.

PSY-107 INTRODUCTORY PSYCHOLOGY
3 Credits • SS/ss
A traditional introductory course in psychology. Topics include research methods and experimental design, biology and behavior, development, learning and conditioning, intelligence and memory, sensation and perception, motivation and emotion, theories of personality, abnormal behavior and psychotherapy. A prerequisite for many other psychology courses. Skills prerequisite: ENG-020 and ENG-060.

PSY-122 WOMEN & SELF-ESTEEM
1 Credit • All Terms • HF
A hands-on, experiential course designed to build wellness through self-esteem. Topics will include self-expression, assertiveness and communication skills, confidence-building, self-acceptance and stress reduction. Activities will include art and writing projects, group discussions, role-playing and relaxation exercises.

PSY-127 DEVELOPING RESILIENCY
1 Credit • As Needed • HF
An examination of the components of resiliency and how they relate to academic and personal success. This course focuses on the major factors that influence resiliency or the ability to ‘bounce back’ after life’s challenges including developing community, optimism and personal control. Skills prerequisite: ENG-010.
PSY-204
HUMAN GROWTH & DEVELOPMENT
3 Credits • SS/ss
A survey of the psychological, physiological and social development of humans, with emphasis on 'normal' growth. Students examine the various factors determining developmental tasks at stages throughout the life span. Life stages covered in the course extend from pre-natal to death as the final stage of development. Prerequisite: PSY-107.

PSY-206
ADOLESCENT PSYCHOLOGY
3 Credits • As Needed • SS/ss • CC-CT
A comprehensive survey of the psychology of adolescence. Topics include history and science of the discipline; the role of identity; cognitive, social and moral development; family relations; peer relations; sexuality; the impact of schooling; and risk factors for delinquency and psychological disorders. Prerequisite: PSY-107.

PSY-207
SOCIAL PSYCHOLOGY
3 Credits • As Needed • SS/ss
A survey of interpersonal, group and institutional influences on human behavior. The course examines the dynamics of attraction, conformity, social cognition, self-justification, prejudice, aggression and attitude formation. The role of ideology and the media will also be explored. Prerequisite: PSY-107.

PSY-208
INTERVIEWING & COUNSELING
3 Credits • Fall • SS/ss • CC-CT
An introductory course for students interested in gaining an overview of basic counseling theories and techniques. Students examine interview goals and structure, the characteristics and dynamics of helping relationships and stages in counseling relationships. Using simulations and videotapes, students practice counseling techniques and identify representative types of client behaviors. Prerequisite: PSY-107.

PSY-210
PSYCHOLOGY OF THE MASS MEDIA
4 Credits • SS/ss
A seminar critiquing the ideological assumptions that shape daily life and national policy. Based on a study of cognitive dissonance and attribution theories, we will examine the means by which mass media, propaganda and psychological mechanisms may combine to convince a population that irrational beliefs and inhumane policies are normative and just. Employing the perspectives of social psychology, sociology and political science, this course is designed for those with advanced reading skills who are comfortable with nonfiction, non-textbook materials. Students should be willing to participate actively in discussions. Prerequisite: SOC-105 or permission of the instructor.

PSY-226
ABNORMAL PSYCHOLOGY
3 Credits • SS/ss
This course covers the history of mental illness and its treatment, approaches to prevention, research methods, and modern classification, diagnosis and causes of disorders. Prerequisite: PSY-107.

PSY-275
INDEPENDENT STUDY IN PSYCHOLOGY
1–3 Credits
Independent study for students with a foundation in the field. Student and instructor determine the project to be worked on and the number of credits to be earned. Regularly scheduled meetings between student and instructor are required. Pass/No Pass or traditional grading. Prerequisite: PSY-107 and permission of the instructor and the department chair or program advisor.

PSY-297
SPECIAL TOPICS IN PSYCHOLOGY
1–3 Credits • As Needed • SS/ss
Specific course content at the discretion of the department. Details are in preregistration materials. Prerequisite: PSY-107.

RESPIRATORY CARE RSP

RSP-105
RESPIRATORY CARE I: THEORY & PRACTICE
7 Credits • Fall • CC-CT
An introduction to the theory and clinical practice of basic respiratory care procedures. This lecture, laboratory and applied clinical practice course covers all the basic respiratory care procedures used in the clinical setting. Students learn the theory and develop the basic skills used in respiratory care including infection control, vital sign measurement, oxygen therapy, aerosol therapy, chest physiotherapy and medical record keeping. Prerequisite: Admission to Respiratory Care program. Corequisite: CHM-150 and BIO-201.

RSP-107
RESPIRATORY CARE PRACTICUM
2 Credits • Summer
A clinical experience in which the student applies the principles learned in RSP-105. Topics include more advanced respiratory care procedures such as arterial blood gas puncture, manual resuscitation and tracheobronchial aspiration. Pass/No Pass grading. Prerequisite: RSP-105.

RSP-205
RESPIRATORY CARE II: THEORY & PRACTICE
7 Credits • Fall
Development of the theory and clinical practice in respiratory care focusing on the critical care setting. This lecture, laboratory and applied clinical practice course analyzes the different types of artificial airways, the physics of various types of mechanical ventilators, the management of the patient-ventilator circuit, ventilator troubleshooting and ventilator discontinuance. In the clinical experience, particular attention is given to the mechanically ventilated patient. Prerequisite: RSP-107. Corequisite: RSP-241.

RSP-207
RESPIRATORY CARE III: THEORY & PRACTICE
8 Credits • Spring
Completion of the theory and clinical skills in respiratory care focusing on the critical care setting. Clinical topics include critical care units pulmonary function labs, neonatal intensive care units and nursing home facilities. Elective rotations include home care, EMT training, RC management, community service and pulmonary rehabilitation. This lecture, laboratory and applied clinical practice course analyzes the skills needed in the laboratory and clinical experience, including neonatal respiratory care, hemodynamic monitoring, pulmonary function studies, neurological intensive care and ECG monitoring. An additional 1-hour seminar class to debrief on the clinical experiences is also required. Prerequisite: RSP-205 and RSP-241.

RSP-241
CARDIOPULMONARY ANATOMY & PHYSIOLOGY
2 Credits • Fall • CC-QR
A study of the gross and microscopic structure and function of the human cardiopulmonary system. Topics include heart and lung anatomy, acid-base balance and the physiology of respiration. Prerequisite: RSP-107. Corequisite: RSP-205.

SCI-095
SCIENCE CALCULATIONS
1 Credit
A one-credit math course that focuses on the math required in a first-year chemistry course and the math recommended for non-chemistry lab sciences. Topics include scientific notation, metric system, significant figures, conversion factors, word problems, complex units and logarithms. College credit will be awarded, but this credit will not count toward a degree. Skills prerequisite: MAT-028.
SOCIOLOGY SOC

SOC-105 INTRODUCTORY SOCIOLOGY
3 Credits • SS/SS
The nature and scope of sociology. In this study of human groups and relationships, the course explores the origin, structure and growth of human society; its basic institutions and processes; and problems resulting from social change. Skills prerequisite: ENG-020.

SOC-121 HUMAN SEXUALITY
3 Credits • Spring • SS/SS
An interdisciplinary study of human sexuality including the perspectives of historical and cross-cultural, biological and physiological, psychosocial developmental and social cultural. Skills prerequisite: ENG-020.

SOC-136 SOCIOLOGY OF MARRIAGE & THE FAMILY
3 Credits • SS/SS
Analysis of the family as a basic unit of society and the chief formative influence on the shaping of personality. The American family is studied from a historical and cross-cultural perspective. Skills prerequisite: ENG-020.

SOC-197 SPECIAL TOPICS IN SOCIOLOGY
1–3 Credits • SS/SS
Specific course content at the discretion of the department. Details are in preregistration materials.

SOC-203 ISSUES THROUGH FILM & VIDEO
3 Credits • As Needed • SS/SS
An examination of American society in the twentieth century landscape, via film and video, as a reflection of that society. This course also looks at the medium of film from the perspective of social issues and social change. Prerequisite: SOC-105 or PSY-107 or permission of the instructor.

SOC-208 CONTEMPORARY SOCIAL PROBLEMS
3 Credits • Fall • SS/SS • CC-CT
An analysis of social problems in contemporary American society from a sociological perspective. The course explores theories of problem causes and proposed solutions. Prerequisite: SOC-105 or PSY-107 or permission of the instructor.

SOC-212 SOCIAL WELFARE & SOCIAL POLICY
3 Credits • As Needed • SS/SS • CC-CT
An examination of the nature of the social welfare system in the United States. Both the history and current state of social policy will be examined for what they do and do not provide. This course will also compare U.S. social policy to policies in other countries. Topics will include programs targeted to poor families and the elderly and health care. Prerequisite: SOC-105.

SOC-216 RACIAL & ETHNIC MINORITIES
3 Credits • As Needed • SS/SS • CC-CT • CC-WC
A study of the social, economic and political conditions affecting the status of major racial and ethnic groups in the United States. Attention will be focused on minority groups, emphasizing immigration, intercultural conflict, accommodation and assimilation. Prerequisite: SOC-105 or PSY-107 or permission of the instructor.

SOC-217 SOCIOLOGY OF RELIGION
3 Credits • SS/SS
The study of religion as a social phenomenon in all its diversity in American culture. Emphasis will be on current religious life in the United States, in both traditional and new or alternative forms. Prerequisite: SOC-105 or PSY-107 or permission of the instructor.

SOC-219 WOMEN & THE LAW
3 Credits • As Needed • SS/SS • CC-OC
A study of women as victims and perpetrators of crime in America. Historical and contemporary women’s lives are examined through fictional portrayal and factual data. Theories of causality, the legal status of women, the impact of rising female criminality and the presence of women in law enforcement professions are addressed. Prerequisite: CRJ-105 or SOC-105 and ENG-101 or permission of the instructor.

SOC-228 DEATH & DYING
3 Credits • As Needed • SS/SS
An examination of death in American society from the perspectives of sociology, psychology, philosophy, religion and literature. Topics include the meaning of death, the experience of dying, funeral rites, suicide, fear of death, the value of life in American culture and immortality. Prerequisite: SOC-105 or PSY-107 or permission of the instructor.

SOC-232 THE NATURE OF SOCIAL CLASS
3 Credits • Fall • SS/SS • CC-CT • CC-WC
An examination of the nature of social class in the United States. This course will examine the nature of the system of social class as it currently exists, as well as examining some of the ways that it developed over time. This analysis will include data and research on class stratification to explain how the system is justified and its effect on the individual and society. Cross-cultural examples will be used to place the U.S. system in context. Skills Prerequisites: ENG-020 and ENG-060. Prerequisite: three credits of sociology (SOC).

SOC-275 INDEPENDENT STUDY IN SOCIOLOGY
1–3 Credits
Independent study for students with a foundation in the field. Student and instructor determine the project and the number of credits to be earned. Regularly scheduled meetings between student and instructor are required. Pass/No Pass or traditional grading. Prerequisite: SOC-105 and permission of the instructor and the department chair or program advisor.

SOC-297 TOPICAL SEMINAR IN SOCIOLOGY
1–3 Credits • As Needed • SS/SS
Specific course content at the discretion of the department. Details are in preregistration materials. Prerequisite: SOC-105 or permission of the instructor.

SPANISH SPA

SPA-101 INTRODUCTORY SPANISH I
4 Credits • Fall • HU/hu
An introduction to Spanish, appropriate for beginners. Students develop listening, speaking and basic writing skills in the classroom and at home, with the use of online learning materials for study, practice and assessment. Contextualized interactive activities as well as short reading and writing assignments teach vocabulary, elementary grammatical structures and Hispanic cultures. This class, conducted in Spanish, meets four hours a week. One additional hour of laboratory is required. Skills prerequisite: ENG-020 and ENG-060.

SPA-102 INTRODUCTORY SPANISH II
4 Credits • Spring • HU/hu
A continuation of SPA-101. Students learn more complex vocabulary and grammatical structures to enable more sophisticated speaking, reading, writing and more competent oral comprehension. Students continue to learn about Hispanic cultures. Online learning materials students use for study, practice and assessment include written and oral activities, flashcards, audio and video. This class, conducted in Spanish, meets four hours a week. One additional hour of laboratory is required. Prerequisite: C- or better in SPA-101, SPA placement or permission of the instructor.
COURSE DESCRIPTIONS

SPA-131
SPANISH FOR THE WORKPLACE I
3 Credits • HU/hu
A course for those who expect to interact with Spanish speakers in the workplace. Designed to enable students to communicate in job-related situations, this course covers basic Spanish language skills and strategies as well as issues involved in cross-cultural communication.

SPA-132
SPANISH FOR THE WORKPLACE II
3 Credits • HU/hu
A continuation of SPA-131. Students develop their listening, speaking, reading and writing skills to enhance their ability to communicate with and to serve Spanish speakers on the job. Students learn vocabulary, communicative strategies and cultural issues useful in the workplace. Prerequisite: SPA-131 or permission of the instructor.

SPA-133
SPANISH FOR THE WORKPLACE III
3 Credits • As Needed • HU/hu
The third course in a sequence for those who will need to serve the needs of Spanish speakers in the workplace. Designed to enable students to communicate effectively in Spanish in the workplace, this course presents vocabulary of specific usefulness in a variety of workplace situations and grammar of increasing complexity. Role-play, communicative activities and analysis of instances of real-life situations in which they have used the language will help students hone produced pronunciation and improve aural comprehension. Students will also learn strategies for successful cross-cultural communication. Prerequisite: SPA-132 or permission of the instructor.

SPA-134
SPANISH FOR THE WORKPLACE IV FOR LAW ENFORCEMENT & FIREFIGHTERS
1 Credit • HU/hu
An enrichment course for students from the Pittsfield Police and Fire Departments who have completed the SPA-131–133 sequence or equivalent. Students undertake activities to enhance fluency, improve aural comprehension and develop more sophisticated and accurate expression in Spanish for their work in the community. Students master increasingly specific and complex vocabulary and grammar that will enable them to handle emergency situations involving Spanish speakers in the community. Prerequisite: Completion of the SPA-131–133 sequence or permission of the instructor.

SPA-135
SPANISH FOR THE WORKPLACE V FOR LAW ENFORCEMENT & FIREFIGHTERS
1 Credit • HU/hu
An enrichment course for students from the Pittsfield Police and Fire Departments who have completed the SPA-131–133 sequence or equivalent. Students undertake activities to enhance fluency, improve aural comprehension and develop more sophisticated and accurate expression in Spanish for their work in the community. Students master increasingly specific and complex vocabulary and grammar that will enable them to handle emergency situations involving Spanish speakers in the community. Prerequisite: SPA-134.

SPA-201
INTERMEDIATE SPANISH I
4 Credits • Fall • HU/hu
This course builds on student’s language skills acquired in the Introductory Spanish sequence. Students gain spoken and written fluency and improved oral comprehension through their study of more complex vocabulary, grammar, readings and practice listening to native speakers. Online learning materials students use for study, practice and assessment include written and oral activities, flashcards, audio and video. This class, conducted in Spanish, meets four hours a week. One additional hour of laboratory is required. Prerequisite: C- or better in SPA-102, SPA placement or permission of the instructor.

SPA-202
INTERMEDIATE SPANISH II
4 Credits • Spring • HU/hu
A continuation of SPA-201. Class activities are designed to develop mastery of listening, speaking and writing in Spanish. Students work with audio, video and written materials of increasing difficulty to promote fluency and accuracy. In addition to reading short texts from Spain and Latin America, students follow contemporary news from all over the Spanish-speaking world and produce a capstone paper and a ‘news video’ on one issue of particular interest. This class, conducted in Spanish, meets four hours a week. One additional hour of laboratory is required. Prerequisite: C- or better in SPA-201, SPA placement or permission of the instructor.

SPA-275
INDEPENDENT STUDY IN SPANISH
1–4 Credits
Independent study for students with a foundation in Spanish. Student and instructor determine a project and the number of credits to be earned. Regularly scheduled meetings between the student and instructor are required. Prerequisites: Previous coursework in Spanish and permission of the instructor.

THEATRE THR

THR-101
INTRODUCTION TO THE THEATRE
3 Credits • Fall • HU/hu
An introduction to the personalities and technological innovations that make up the dynamics of the theatre experience. The origin of modern-day theatrical practice and conventions and the process of the theatre are explored. Prerequisite: THR-106.

THR-102
STAGECRAFT I
3 Credits • Spring
An introduction to the technology of theatre production. This course concentrates on the construction techniques for building stage scenery and costumes. Students devote class time to building sets for BCC productions. Skills prerequisites: MAT-018C or MAT-018B. Prerequisite: THR-106.

THR-103
STAGECRAFT II
3 Credits • Spring
An introduction to the technology of theatre production. This course concentrates on the equipment and techniques for implementing stage lighting and sound. Students devote class time to executing lighting and sound designs for BCC productions. Skills prerequisite: MAT-018C or MAT-018B. Prerequisites: THR-106.

THR-104
ACTING I
3 Credits • Fall • HU/hu
A study of the basic principles of acting with emphasis on Stanislavski techniques. Focus will be placed on the rehearsal and performance processes including discipline, collaboration and evaluation. The course will include sections on the business of acting and auditioning. Skills prerequisite: ENG-020 and ENG-060.

THR-105
ACTING II
3 Credits • Spring • HU/hu
Continued study of the principles of acting with emphasis on scene study, script analysis and ensemble performance. Focus will be placed on acting in the style of American Realism covering contemporary Western playwrights. Skills prerequisite: ENG-020 and ENG-060. Prerequisite: THR-104 or permission of the instructor.
THR-106
FUNDAMENTALS OF THEATRE DESIGN
3 Credits • HU/hu
An introduction to theatrical design. This course focuses on creating the visual and aural elements necessary for a live stage production as well as cultivating artistic expression. Aspects include script analysis, interpretation, research and presentation. The course will also include basic drafting and rendering techniques for the different facets of theatre design. Skills prerequisite: ENG-020 and ENG-060.

THR-110
ACTING FOR TELEVISION & FILM
3 Credits • HU/hu • CC-CT
Students create dramatic pieces for television and film production with possible transmission on public television channels. Rehearsals and final production will be taped for analysis. Prerequisite: THR-105.

THR-111
HISTORY OF THEATRE & DRAMA I
3 Credits • HU/hu • CC-WC
A study of the history, plays, players and playhouses from classical Greece to the early Renaissance. Skills prerequisite: ENG-020 and ENG-060.

THR-112
HISTORY OF THEATRE & DRAMA II
3 Credits • HU/hu • CC-WC
A study of the history of European and American theatre from the Renaissance through the twentieth century. Emphasis is placed on the new theatre movements and the accompanying technical innovations. Far-Eastern contributions paralleling the Western experience will be discussed. Skills prerequisite: ENG-020 and ENG-060.

THR-119
DANCE I
3 Credits • As Needed • HF
An introductory dance course exploring movement, technique, composition, improvisation and choreography. The focus of this course is body awareness and control as well as use of the body as a means of self-expression and communication. Previous dance training is not required.

THR-120
DANCE II
3 Credits • HU
A continuation of THR-119, with more advanced study of dance technique, musicality, staging and compositional skills. Prerequisite: THR-119 or permission of the instructor.

THR-121
CHOREOGRAPHY I
1 Credit
Studio work in choreography with a focus on the kinesthetic, dramatic, sculptural, musical and visual approaches to designing the human body moving in space. Prerequisite: THR-119 or THR-233 or permission of the instructor.

THR-122
CHOREOGRAPHY II
1 Credit
A continuation of THR-121 with further work in choreography with a focus on the kinesthetic, dramatic, sculptural, musical and visual approaches to designing the human body in space. Prerequisite: THR-121.

THR-198
THEATRE PRACTICUM
1 Credit
A theatre experience open to all students participating in college theatre productions. Credit is granted for responsible effort and achievement in a production crew or on stage. Students must attend rehearsals or crew sessions.

THR-199
THEATRE PRACTICUM
1 Credit
A theatre experience open to all students participating in college theatre productions. Credit is granted for responsible effort and achievement in a production crew or on stage. Students must attend rehearsals or crew sessions. Prerequisite: THR-198.

THR-205
DIRECTING
3 Credits • As Needed • HU/hu • CC-CT
A study of the principles and techniques of play direction primarily designed for theatre majors or students with theatrical experience. This course is also helpful to majors in recreation, human services and education. Class exercises include discussion and analysis of methods used to achieve focus, emphasis, pacing and visual design.

THR-206
ACTING STYLES
3 Credits • Fall • HU/hu
A study of approaches to the art of acting in theatrical styles ranging from classical theatre to theatre of the absurd. Emphasis will be placed on Shakespearean acting styles as explored through monologues and scene work. Course study will include text analysis, improvisation and ensemble performance. Prerequisite: THR-104 or THR-105 or permission of the instructor.

THR-214
MODERN DRAMATIC LITERATURE
3 Credits • HU/hu • CC-OC
An examination of significant, contemporary plays and musicals from the twentieth and twenty-first centuries. Plays will be studied in relation to their historical and cultural contexts, theatrical styles, production and performance techniques. This course does NOT fulfill the general education requirement for ENG literature. Skills prerequisites: ENG-020 and ENG-060. Recommendation: Six credits of composition.

THR-233
MOVEMENT FOR ACTORS
3 Credits • HU/hu
A movement course designed for acting students and theatre majors. This course focuses on two distinct areas: musical theatre/jazz dance technique and Rudolph Laban’s ‘Effort Actions,’ including an examination of their relevance to speech, character development and stage movement. Prerequisite: THR-104 or permission of the instructor.

THR-275
INDEPENDENT STUDY IN THEATRE I
1–3 Credits
Independent study for students with a foundation in the field. Student and instructor determine the project and the number of credits to be earned. Projects may involve acting, directing, designing and lighting. Regularly scheduled meetings between student and instructor are required. Prerequisite: Permission of department chair or program advisor.

THR-276
INDEPENDENT STUDY IN THEATRE II
1–3 Credits
Independent study for students with a foundation in the field. Student and instructor determine the project and the number of credits to be earned. Projects may involve acting, directing, designing and lighting. Regularly scheduled meetings between student and instructor are required. Prerequisite: Permission of department chair or program advisor.

THR-297
SPECIAL TOPICS IN THEATRE
3 Credits • HU/hu
Specific course content at the discretion of the department. Details are included in preregistration materials.

THR-298
THEATRE PRACTICUM
1 Credit
A theatre experience open to all students participating in college theatre productions. Credit is granted for responsible effort and achievement in a production crew or on stage. Students must attend rehearsals or crew sessions. Prerequisite: THR-199.

THR-299
THEATRE PRACTICUM
1 Credit
A theatre experience open to all students participating in college theatre productions. Credit is granted for responsible effort and achievement in a production crew or on stage. Students must attend rehearsals or crew sessions. Prerequisite: THR-298.
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<tr>
<th>Name</th>
<th>Title and Position</th>
<th>Education</th>
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<tr>
<td>Christine Adams</td>
<td>Professor Emeritus of English</td>
<td>MAT/A.B., Smith College</td>
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<tr>
<td>Colin Adams</td>
<td>Assistant Professor of Sociology</td>
<td>M.S./B.S., University of the West Indies</td>
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<tr>
<td>Sharon Aleksa</td>
<td>Administrative Assistant, Business, Science, Mathematics &amp; Technology Division</td>
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<td>Tammy Anderson</td>
<td>Maintainer III</td>
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<tr>
<td>Gayle Armstrong</td>
<td>Adjunct Faculty, Nursing</td>
<td>M.S.N., Sage College</td>
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<td>Shelly Armstrong</td>
<td>College &amp; Career Navigator</td>
<td>B.A., Berkshire Community College</td>
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<td>James Arpante</td>
<td>Adjunct Faculty, Business/Government</td>
<td>J.D., Syracuse University</td>
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<td>Sarah R. Atchley</td>
<td>Professor Emeritus of Language &amp; Communications</td>
<td>MAT, School of International Training</td>
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<td>B.A., Kirkland College</td>
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<td>Chris Aylesworth</td>
<td>Professor Emeritus of Nursing</td>
<td>M.B.A., New York University</td>
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<td>B.B.A., College of the City of New York</td>
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<td>George J. Bagley</td>
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<td>Heidi Bailey</td>
<td>Clerk, Human Resources</td>
<td>A.S., Berkshire Community College</td>
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<td>Barbara Baker</td>
<td>Coordinator, Project Link</td>
<td>Ed.D., University of Massachusetts</td>
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<td>Caroline Baker</td>
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<td>Reena L. Bucknell</td>
<td>Professor of Behavioral Science; Department Chair</td>
<td>M.S., Westfield State College Certificate, Massachusetts Police Academy</td>
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<td>Doctor of Clinical Hypnotherapy,</td>
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<td>Christine Despres-Hutchinson</td>
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<td>Ph.D./M.S.M., University of Kentucky B.S., Transylvania University</td>
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<td>Jeffrey Dupuis</td>
<td>Network &amp; Systems Administrator</td>
<td>B.S., University of Massachusetts A.S., Berkshire Community College</td>
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<td>Kari Dupuis</td>
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<td>Stacy Evans</td>
<td>Professor of Sociology</td>
<td>Ph.D., University of Massachusetts M.P.P., Kennedy School of Government, Harvard University B.A., Wellesley College</td>
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<td>Pamela Farron</td>
<td>Coordinator of Disability Services</td>
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<td>M.Ed., Leslie College M.S., Massachusetts Institute of Technology B.A., University of Michigan</td>
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<td>Gina Foley</td>
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<td>M.S., Syracuse University B.S., State University of New York College of Environmental Science/Forestry</td>
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<td>Anne K. Fortune</td>
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M.A., Boston College
A.B., Regis College

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Director of Student Engagement
B.A., Massachusetts College of Liberal Arts
A.S., Berkshire Community College

Kirsten Wanamaker
Clerk, Tutorial Services

Thomas A. Warner
Network & Systems Administrator
Microsoft Certified Professional,
Network+ Certified Technician,
A+ Certified Technician, Porter & Chester Institute

Kendall S. Way
Professor Emeritus of Behavioral Sciences
Ed.D., University of Massachusetts
A.M./A.B., Dartmouth College

Heidi Weber
Public Relations Manager
M.A., New York University
B.A., State University of New York at Albany
A.A.S., State University of New York at Morrisville

Christopher S. Weingartner
Coordinator of Financial Aid &
Student Loan Programs
M.S., State University of New York at Oneonta
B.A., State University of New York at Albany

Charles Weinstein
Professor Emeritus of Environmental & Life Sciences
M.S., University of Wisconsin
B.A., Boston University

Constance West
Sr. Special Programs Coordinator —
STEM Starter Academy
M.Ed., Westfield State College
B.S., North Adams State College
A.S., Berkshire Community College

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B.A., North Adams State College

Tamara Westlake
Academic Counselor, Academic Advising
M.S., Syracuse University
B.A., State University of New York at Potsdam

Megan Whilden
Executive Director of OLLI at BCC
B.S., San Francisco State University

Patricia White
Secretary, South County Center

Margaret Whitney
Adjunct Faculty, English, Business & Communication
Ph.D., Rensselaer Polytechnic Institute
M.A., Trinity College
B.A., Montclair State University

Jennifer Wilczak
Professor of Nursing
M.S.N., Russell Sage College
B.S.N., St. Joseph College

Judith Williams
Adjunct Faculty, Environmental Science
M.Ed., College of William & Mary
B.Ed., Ohio University

Kathleen Williams
Kitchen Services

Peggy L. Williams
TRIO Academic Counselor
M.S.W., State University of New York, Albany
B.A., Boston College

Bruce Winn
Assistant Professor of Environmental & Life Science
M.S./B.A., University of Massachusetts

Lisa Wise
Kitchen Services

Richard S. Wixsom
Director of Information Technology
M.B.A., Massachusetts College of Liberal Arts
B.S., University of Phoenix

Marion Wolf
Business Analyst
M.B.A., Western New England College
B.S., Westfield State College
A.A., Berkshire Community College

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M.A., Massachusetts College of Liberal Arts

Constance Zervas
Audio Visual Technician
A.A., Berkshire Community College

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M.E., Worcester Polytechnic Institute
B.S.M.E., University of Connecticut

Steven Wood, Jr.
Carpenter

Mary Zanconato
Administrative Secretary, Student Life

Muhammad Zia
Adjunct Faculty, Mathematics
M.B.A., Sacred Heart University
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M.A., New York University
B.S., Rensselaer Polytechnic Institute

Constantine Zervas
Audio Visual Technician
A.A., Berkshire Community College

Jenna Zuber
Professor of Mathematics
M.E., Worcester Polytechnic Institute
B.S.M.E., University of Connecticut

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# IMPORTANT PHONE NUMBERS

<table>
<thead>
<tr>
<th>Main Number</th>
<th>413-499-4660</th>
</tr>
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<tbody>
<tr>
<td>South County Center</td>
<td>413-236-5202</td>
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</tbody>
</table>

## Academic Advising Center
- **Main Office**
  - F-117 / 413-236-1620
- **Anne Fortune**
  - Professor
  - F-117 / 413-236-1622
- **Peg Cookson**
  - Coordinator of Student Success
  - F-118 / 413-236-1625

## Academic Affairs
- **Maura Delaney**
  - Interim Vice President
  - F-229 / 413-236-2102
- **Laura Saldarini**
  - Assistant to the Vice President
  - F-228 / 413-236-2102

## Administration & Finance
- **John Law**
  - Vice President
  - F-225 / 413-236-3001
- **Michele Henderson**
  - Assistant to the Vice President
  - F-224 / 413-236-3002

## Admissions
- **Main Office**
  - F-114 / 413-236-1630
- **Christina Barrett**
  - Director
  - F-113 / 413-236-2112
- **Tina Schettini**
  - Counselor
  - F-116 / 413-236-1635
- **Eleanore Velez**
  - Counselor (bilingual)
  - F-115 / 413-236-1636

## Academic Programs
### Advanced Standing
- **Christina Barrett**
  - Director
  - F-113 / 413-236-2112

### Affirmative Action
- **Deborah Cote**
  - Vice President
  - A-20 / 413-236-1022

### Assessment & Testing
- **Liz Recko-Morrison**
  - Coordinator
  - K-113D / 413-236-1656

### BCC Foundation
- **Craig Smith**
  - Vice President
  - F-230 / 413-236-2186
- **Jennifer Larkin**
  - Assistant to the Vice President
  - F-232 / 413-236-2185

### Business, Science, Mathematics & Technology
- **Charles Kaminski**
  - Dean
  - F-208 / 413-236-2105

### Career Services
- **Judith Monachina**
  - Coordinator
  - A-116 / 413-236-1611

### CCNA Certification
- **John Osthoff**
  - Professor, CIS
  - M-224 / 413-236-4616

### College Store
- **Christopher Shea**
  - Bookstore Manager
  - A-102 / 413-236-3065

### Community Education & Workforce Development
- **Bill Mulholland**
  - Vice President
  - F-113 / 413-236-2121
- **Christine Hoyt**
  - Assistant to the Vice President
  - Conte / 413-236-2121
- **Denise Johns**
  - Director of Corporate Training
  - Conte / 413-236-2125

### Computer Lab
- **Michael Shakeshaft**
  - Computer Lab Specialist
  - F-106 / 413-236-2165

### Disability Resource Center
- **Pamela Farron**
  - Coordinator
  - A-112 / 413-236-1608

### Distance Learning
- **TBA**
  - F-206 / 413-236-2170

### Emergency
- **Security**
  - A-18 / 413-499-4660, Ext. 6100

### Enrollment Services
- **Christina Barrett**
  - Director
  - F-113 / 413-236-2112

### Facilities & Grounds
- **Dave Moran**
  - Director
  - A-17 / 413-236-3015
- **Diane Kitterman**
  - Administrative Assistant
  - A-15 / 413-236-3016

### Financial Aid
- **Anne Moore**
  - Director
  - F-124 / 413-236-1641
- **Christopher Weingartner**
  - Coordinator of Student Loans
  - F-121 / 413-236-1642
- **Karrie Trautman**
  - Coordinator of Work-Study
  - F-123 / 413-236-1643

### Food Services
- **Kevin Kennedy**
  - Director
  - A-03 / 413-236-3046
- **Katie Hickey**
  - Assistant Director
  - A-03 / 413-236-3045

### Forum
- **Kelly Dillon**
  - Records
  - F-111 / 413-236-2134

### Immunization Records
- **Donna Connors**
  - Clerk
  - A-100 / 413-236-1614

### Information Technology (IT)
- **Richard Wixsom**
  - Director
  - F-101 / 413-236-3003
- **Sharon Davis**
  - Help Desk
  - F-105 / 413-236-3004

### Institutional Advancement
- **Craig Smith**
  - Vice President
  - F-230 / 413-236-2186
- **Jennifer Larkin**
  - Assistant to the Vice President
  - F-232 / 413-236-2185

### Institutional Effectiveness
- **Margaret Stephenson**
  - Director
  - F-212 / 413-236-2117
- **Paul Johansen**
  - Research Analyst
  - FC-209 / 413-236-4690
- **Jeremy Lacrosse**
  - Statistician
  - F-213 / 413-236-2111

### Instructional Technology
- **TBA**
  - Director
  - F-206 / 413-236-2170

### Honors Program
- **Stacy Evans**
  - Professor
  - H-235 / 413-236-4563

### Humanities
- **Christopher Laney**
  - Interim Dean
  - F-205 / 413-236-2103

### Human Resources
- **Deborah Cote**
  - Vice President
  - A-20 / 413-236-1022
- **Susanne Grant**
  - Assistant Director
  - A-21 / 413-236-1021
# IMPORTANT PHONE NUMBERS

| Library | RICHARD FELVER  
Director  
E-102 / 413-236-2151 |
|---------|--------------------------------------------------|
|         | KAREN CARRERAS-HUBBARD  
Services Coordinator  
E-103 / 413-236-2153 |
| Marketing & Communications | HEIDI WEBER  
Public Relations Manager  
F-218 / 413-236-2116 |
|         | ROSE SHAW  
Administrative Assistant  
F-217 / 413-236-2113 |
| Nursing, Health & Social Sciences | CHRIS AYLESWORTH  
Interim Dean  
F-211 / 413-236-2107 |
| Off-Campus Centers | JULIE HANNUM  
Director  
SCC / 413-236-5201 |
| Osher Lifelong Learning Institute (OLLI) at BCC | MEGAN WHILDEN  
Executive Director  
F-234 / 413-236-1292 |
| Parking Payments | ROCHELLE DAVERIN  
Accountant  
F-109 / 413-236-3041 |

**Paterson Field House**

| LAUREN PELLEGRINO  
Director of Recreational Services  
P-103A / 413-236-1661 |
| PAUL CRENNAN  
Facilities Supervisor  
P-103 / 413-236-1670 |
| ERIC NYSTROM  
Fitness Center Coordinator  
P-106 / 413-236-4515 |

**Personal Counseling**

| LISA MATTILA  
Personal Counselor  
A-114 / 413-236-1609 |

**President’s Office**

| ELLEN KENNEDY  
President  
F-227 / 413-236-1003 |
| KIM BROOKMAN  
Assistant to the President  
F-227 / 413-236-1003 |

**Project Link**

| BARBARA BAKER  
Coordinator  
H-208A / 413-236-2175 |

**Registrar’s Office**

| ADAM EMERSON  
Registrar  
F-110 / 413-236-2132 |

**Road Scholar**

| LYNETTE CORNWELL  
Coordinator  
FC-213 / 413-236-2124 |

**Service-Learning**

| TBA  
Coordinator  
A-119 / 413-236-2176 |

**Security**

| MAIN OFFICE  
A-16 / 413-236-1010 |
| DAVID LESURE  
Director of Safety & Security  
A-18 / 413-236-1011 |

**South County Center**

| JULIE HANNUM  
Director  
SCC / 413-236-5201 |
| CATHY DARGI  
Administrative Assistant  
SCC / 413-236-5202 |

**Sustainability Efforts**

| CHARLES KAMINSKI  
Dean  
F-208 / 413-236-2105 |

**Student Affairs & Enrollment Services**

| MICHAEL BULLOCK  
Vice President  
F-125 / 413-236-1601 |
| MARY MARTIN  
Assistant to the Vice President  
F-126 / 413-236-1602 |

**Student Billing**

| ROCHELLE DAVERIN  
Accountant  
F-109 / 413-236-3041 |

**Student Government Association**

| MAIN OFFICE  
A-119 / 413-236-1665 |

**Student Life**

| BETH WALLACE  
Director of Student Engagement  
A-120 / 413-236-1662 |
| MARY ZANCONATO  
Administrative Secretary  
A-119 / 413-236-1660 |

**Theatre**

| KEVIN McGERIGLE  
Technical Director  
K-110C / 413-236-4713 |

**Transfer Services**

| GEOFFREY T. TABOR  
Coordinator  
F-236 / 413-236-1681 |

**TRIO Program**

| TBA  
Coordinator  
F-236 / 413-236-1681 |
| LARRY STALVEY  
Learning Specialist  
F-201 / 413-236-1682 |
| PEGGY WILLIAMS  
Academic Counselor  
F-239 / 413-236-1683 |

**Tutorial Services**

| JOSEPH HENNESSEY  
Academic Coordinator  
K-214 / 413-236-1681 |

**Veteran's Certification**

| MARSHA BURNISKE  
Clerk  
F-111 / 413-236-2133 |

**Emergencies**

| 911  
CAMPUS SECURITY EMERGENCY LINE  
413-499-4660 ext. 6100  
(6100 on campus) |
| Security  
413-236-1010 (1010 on campus)  
413-221-8011 (cell)  
DIRECTOR OF SAFETY & SECURITY  
413-236-1010 (1011 on campus) |
| Massachusetts State Police  
413-743-4700 |
| Personal Counseling  
413-236-1609  
413-236-1605 |
| BRIEN CENTER 24/7 CRISIS LINE  
413-499-4660  
800-252-0227  
NATIONAL SUICIDE PREVENTION LIFELINE  
800-273-8255 |
| Cancellations & Delays  
413-499-4660 |
BCC Annual Events

Fall
New Student Orientation, Fall.........................September
Welcome Back Barbecue ................................September
Ice Cream Social .........................................September
Constitution Day .........................................September
Massachusetts Manufacturing Month..............October
Safety Awareness Fair .................................October
Clothesline Project .....................................October
College Fair...............................................October
Mexican Day of the Dead Luncheon..............October/November
Thanksgiving Madness Luncheon ................November
BCC Players Fall Performance ......................November/December
Holiday Concert .......................................December

Winter
BCC Intersession........................................January

Spring
New Student Orientation, Spring ....................January
Welcome Back Pizza Bash ............................January
Love Carefully Day .....................................February
Wellness Day ............................................February
Spring Open House ....................................March
Robotics Fair............................................March
Chinese New Year Celebration......................varies
Experience BCC Full-Day Open House...............April
Campus Green-Up ......................................April
Financial Aid Application (FAFSA) Deadline ....May 1
End of Year Barbecue ...................................May
Spring Concert ..........................................May
Student Art Show ......................................May
BCC Players Spring Musical .........................May
Paterson Pool Opening ................................June
Career Fair.............................................June

Summer
BCC Summer Session
STEM Starter Academy
College Connection
Rock On! Young Musician’s Workshop

Fall 2016 Semester Academic Calendar

Professional Day ...........................................Wednesday, August 31
Orientation Day .........................................Thursday, September 1
Labor Day .................................................Monday, September 5
Columbus Day ...........................................Monday, October 10
Classes Begin ...........................................Tuesday, September 6
Drop/Add Period ........................................Tuesday–Tuesday, September 6–13
Mid-Semester Grades Due .......................Friday, October 28
Deadline for Credit/Audit Changes .............Friday, October 28
Last Day for Course Withdrawals .................Wednesday, November 9

Veterans’ Day .............................................Friday, November 11
Priority Registration for Spring 2017 Begins ...Tuesday, November 15
Professional Development for Adjunct Faculty...Tuesday, November 15
Thanksgiving Recess ...................................Thursday–Saturday, November 24–26
Last Day for Course Withdrawals .................Monday, December 5

Regularly Scheduled Classes End ...............Friday, December 16
Final Class Meetings/Examinations .............Saturday–Thursday, December 17–22
Final Exam Snow Day ...............................Friday, December 23
Campus Closed .........................................Saturday, December 24
Christmas Day ..........................................Monday, December 26

Final Grades Due ......................................Wednesday, December 28

Spring 2017 Semester Academic Calendar

Martin Luther King Day ...............................Monday, January 16
Orientation Day .........................................Thursday, January 19
Classes Begin ..........................................Monday, January 23
Drop/Add Period ........................................Monday–Monday, Jan. 23–30
Presidents’ Day .........................................Monday, February 20
Spring Recess ...........................................Monday–Saturday, March 13–18

Classes Resume ........................................Monday, March 20
Mid-Semester Grades Due .......................Friday, March 24
Deadline for Credit/Audit Changes .............Friday, March 24
Last Day for Course Withdrawals .................Wednesday, April 5

Professional Day ......................................Friday, April 7
Priority Registration for Fall 2017 Begins ....Tuesday, April 11
Professional Development for Adjunct Faculty...Tuesday, April 11
Thanksgiving Recess ...................................Monday–Thursday, May 13–18

Last Day for Course Withdrawals .................Friday, April 28

Regularly Scheduled Classes End ...............Wednesday, May 10
Reading Day/Snow Day ......................Thursday & Friday — May 11 & 12
Reading Day/Snow Day for Saturday Classes ....Saturday, May 13
Final Class Meetings/Examinations ............Saturday–Thursday, May 13–18
Final Grades Due ......................................Tuesday, May 23
Memorial Day ...........................................Monday, May 29

Awards Night ..............................................Friday, June 2
Commencement .........................................Thursday, June 1

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