

2011/12

Nursing & Allied Health



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NURSING & ALLIED HEALTH

Butler County Community College offers specialized programs in the fields of health including Massage Therapy, Medical Assistant, Physical Therapist Assistant and Nursing, R.N.

Each health program has its own criteria for admission. Students must apply and be accepted into these programs, meeting all requirements in order to pursue a degree in these areas. See specific instructions under each program.

Accreditation

The Medical Assisting program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Curriculum Review Board of the American Association of Medical Assistants Endowment (AAMAE). Commission on Accreditation of Allied Health Education Programs, 35 East Wacker Drive, Suite 1970, Chicago, IL 60601-2208; Phone: 312-553-9355.

The Physical Therapist Assistant Program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE).

The Nursing Program is fully approved by the Pennsylvania State Board of Nursing and is accredited by the National League for Nursing Accrediting Commission (NLNAC).

IMPORTANT NOTE TO STUDENTS FOR ALL ACADEMIC PROGRAMS

Courses listed in the first/third semester will be scheduled for the fall; second/fourth semester courses will be scheduled for the spring. The student is encouraged to use the curriculum planner to keep track of courses taken and those still needed. In some cases, one or more courses may be taken in a different order than indicated on the planner. However, individual course prerequisites must be observed.

Prerequisites/Corequisites – Some courses require another course be taken beforehand or at the same time. To check if a course has a prerequisite or corequisite, see the course description.

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MASSAGE THERAPY (050)

Certificate of Achievement

Admission to the Massage Therapy Program is selective. A special application packet, available from the Admissions Office, is required. Applications are accepted beginning June 15 of the year prior to actual admission. Applicants are urged to apply early. Preference will be given to those who apply before the March 15 deadline.

The Massage Therapy Program provides a comprehensive academically-based education that serves the community by preparing the graduate for immediate employment as a massage therapist.

The massage therapist graduate is prepared to demonstrate competence by displaying a professional attitude, ethical conduct, and appropriate communication.

Criteria of Admission

This program is designed to prepare individuals for a health career as a massage therapist. Graduates will complete a course study that is 630 clock hours of curriculum content including, but not limited to anatomy and physiology, pathology, treatment techniques, protocols following the standards of massage practice, ethics, communication skills, and business practices.

Admission criteria:

- Successful completion of 2.5 QPA high school or college GPA
- High School Biology or BIOL 115 with minimum grade of "C" within the last five years
- Preference will be given to applicants who have completed BIOL 115 or BIOL 131 with a "C" or better within the last 5 years
- Successful completion of the American Heart Association cardiopulmonary resuscitation (CPR) for the health care provider or the American Red Cross Basic Life Support for the Professional Rescuer.
- Act 34/151 PA State Police Criminal History Clearance and Child Abuse History Clearance. All accepted students will receive clearance forms upon admission into the program. Clearance must be obtained before the start of classes.
- Applicants must have a grade of "C" or better in all Massage Therapy Program courses.

This academically-based program prepares the graduate for employment as a massage therapist. The Program focuses on massage theory, techniques, and practice.

The Massage Therapy course work must be taken in sequence indicated.

Minimum - 32 credits

First Semester (14)

MTPY 101 - Introduction to Massage Therapy, Theory, Techniques and Practice	4 credits
BIOL 131 - Human Anatomy and Physiology I ²	4 credits ^{1, 2}
BUSN 121 - Business Mathematics or MATH 100 - Intermediate Algebra	3 credits ¹ 3 credits
ENGL 101 - English I or ENGL 110 - Workplace Communications	3 credits 3 credits

Second Semester (13)

MTPY 102 - Intermediate Massage Therapy, Theory, Techniques and Practice	5 credits
BIOL 132 - Human Anatomy and Physiology II	4 credits ^{1, 3}
COMP 210 - Introduction to Microcomputing	3 credits ¹
PHED 102 - Physical Fitness or PHED 128 - Introduction to Yoga	1 credit ¹ 1 credit ¹

Summer Semester (5)

MTPY 103 - Advanced Massage Therapy, Theory, Techniques and Practice	5 credits 5 credits
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MEDICAL ASSISTANT (212)

Associate in Applied Science Degree

This program builds upon the skills acquired through the completion of the Certificate of Achievement in Medical Assisting. The student will complete additional courses related to administrative and clinical procedures, as well as institutional degree requirements to obtain his/her Associate in Applied Science Degree in Medical Assisting. This program prepares graduates as multi-skilled practitioners who are qualified to perform both administrative and clinical skills in the ambulatory healthcare setting. A graduate of this program may seek employment as a Medical Assistant, medical office manager or medical records or coding clerk, medical laboratory technician, or other related occupations in the ambulatory healthcare setting.

Prerequisites are a GPA of 2.25 or better in either high school or college; CPR for the Professional and Standard First Aid certifications; COMP 210 with a minimum "C" or passing an exemption test for COMP 210. Students must earn a "C" or better in all courses in the curriculum to graduate.

Minimum - 67 credits

First Semester (17)

AHEA 125 - Basic Human Structure	4 credits
AHEA 280 - Medical Terminology	3 credits
AHEA 110 - Medical Law and Ethics	3 credits
AHEA 218 - Coding I	3 credits
MAST 131 - Clinical Medical Assisting I	4 credits

Second Semester (17)

MAST 133 - Introduction to Pharmacology	2 credits
AHEA 127 - Insurance & Reimbursement Methods	3 credits
AHEA 140 - Medical Office Procedures	4 credits
MAST 120 - Medical Laboratory Procedures	4 credits
MAST 132 - Clinical Medical Assisting II	4 credits

Summer (4)

MAST 271 - Medical Assistant Externship	4 credits
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Third Semester (15)

ENGL 101 - English I	3 credits
BUSN 121 - Business Mathematics or MATH 100 - Intermediate Algebra	3 credits
AHEA 219 - Coding II	3 credits
PSYC 201 - General Psychology	3 credits
AHEA 220 - Study of the Disease Process	3 credits

Fourth Semester (14)

FSVC 140 - Principles of Nutrition	3 credits
COMM 201 - Speech or ENGL 102 - English II	3 credits
ACCT 110 - Accounting for Managers or AHEA 126 - Electronic Health Records	3 credits
BUSN 127 - Customer Service	3 credits
PHED 125 - Physical Wellness	2 credits

MEDICAL ASSISTANT (054)

Certificate of Achievement

This program prepares graduates to be multi-skilled practitioners who are qualified to perform both administrative and clinical skills in the ambulatory healthcare setting. With an emphasis on the back-office skills, this curriculum includes medical assisting courses in medical office operations and management, insurance and coding procedures, medical law and ethics, anatomy and physiology, and clinical skills. The program requires an externship experience in a selected healthcare environment. A graduate of this program seeks employment as a Medical Receptionist, or a Medical Assistant.

Prerequisites are a GPA of 2.25 or better in either high school or college; CPR for the Professional; and Standard First Aid certifications. COMP 210 with a minimum "C" or passing an exemption test for COMP 210. Students must earn a "C" or better in all courses in the curriculum in order to graduate.

Courses listed in the first semester will be scheduled in the fall; second semester courses will be scheduled in the spring.

Accreditation

The Medical Assistant program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Medical Assisting Education Review Board (MAERB). Commission on Accreditation of Allied Health Education Programs, 1361 Park Street, Clearwater, FL 33756; Phone: 727-210-2350.

Criteria For Admission

Admission to the Medical Assistant (MA) Program is selective. Applications are accepted beginning August 30th to December 20th of the year prior to actual admission for program consideration. Applications received after December 20 will be reviewed by date of application and admission will be considered on a space available basis.

All applicants are considered equally regardless of race, color, disability, religious creed, ancestry, national origin, age, or gender.

The MA Admissions Committee assumes the responsibility to review the data of all applicants and has the right to select the best qualified individuals.

Basic Requirements

- High School diploma from an accredited secondary school program, or successful completion of the G.E.D. Exam. High school seniors may apply.
- A high school cumulative GPA of 2.25 or better is expected. Individuals with less than a 2.25 GPA in

required high school courses may be considered for admission following completion of 12 or more MA prerequisite credits or general studies credits, with a College level GPA of 2.25 or better.

Beginning with the administration of the January 2001 Certification Examination, felons are not eligible to sit for the examination unless the national Certifying Board grants a waiver.

Special Requirements*

MA Students are required to:

1. Provide proof of health insurance coverage.
2. Have a satisfactory physical examination including tuberculin skin test, and proof of immunizations.
3. Purchase malpractice liability insurance.
4. Assume all responsibilities for transportation to and from clinical facilities to which they are assigned for their MA externship.
5. The externship experience must be supervised and students will not receive remuneration for their externship.

Continued progress in the program is dependent upon the student earning "C" grades or above in all courses. The MA Externship must be passed successfully.

Minimum - 38 credits

First Semester (17)

AHEA 125 - Basic Human Structure	4 credits
AHEA 280 - Medical Terminology	3 credits
AHEA 110 - Medical Law and Ethics	3 credits
AHEA 218 - Coding I	3 credits
MAST 131 - Clinical Medical Assisting I	4 credits

Second Semester (17)

MAST 133 - Introduction to Pharmacology	2 credits
AHEA 127 - Insurance & Reimbursement Methods	3 credits
AHEA 140 - Medical Office Procedures	4 credits
MAST 120 - Medical Laboratory Procedures	4 credits
MAST 132 - Clinical Medical Assisting II	4 credits

Summer (4)

MAST 271 - Medical Assistant Externship	4 credits
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NURSING, R.N. (208)

Associate in Applied Science Degree

The Nursing Program at Butler County Community College is a two-year academically-based program that prepares the graduate to provide and manage direct care to individual clients and their families, and to function as an effective member of the health care team. The program prepares the graduate for employment in the role of registered nurse. The graduate is also educated to be a contributing member of the discipline of nursing, committed to professional growth, continuous learning, and self-development. Graduates are eligible to take the licensing examination for registered nurse (RN). The program is fully approved by the Pennsylvania State Board of Nursing. The program is accredited by the National League for Nursing Accrediting Commission (NLNAC), 3393 Peachtree Road, NE Suite 850, Atlantic, GA 30326. Employment Opportunities: Employment is available in a variety of community-based health care settings including hospitals, long-term care facilities, and other comparable agencies.

Criteria For Admission

Admission to the Nursing Program is selective. A special application packet is required and available on July 1 in the Admissions Office or on bc3.edu. Applicants are urged to apply early before the November 15 deadline. Applications are accepted beginning July 1 of the year prior to actual admission. Please note that acceptance into Pre-Nursing DOES NOT guarantee acceptance into the Nursing Program. A separate application for the RN program is required. Please check bc3.edu to learn the specifics. There is a limited time period each year that applications are available and are accepted.

All applicants are considered equally regardless of race, color, religious creed, ancestry, national origin, age, or gender.

Licensed Practical Nurses in Pennsylvania and other individuals previously enrolled in registered nursing education programs may be eligible for advanced standing. A special application packet for advanced standing is available on February 1 with a priority selection due date of March 31. Additional information may be obtained by contacting the Admissions Office or the Nursing and Allied Health Division Office.

Pennsylvania law prohibits the State Board of Nursing from issuing a license to anyone who has been convicted of a felony relating to a controlled substance, unless at least ten years have elapsed from the date of conviction, and the applicant satisfies other criteria of personal rehabilitation. At the time of application for licensure, the State Board also requires reporting of any crime, felony, misdemeanor, or pending criminal charges.

The Nursing Program Admissions Committee assumes the responsibility to review the data of all applicants and has the right to select the best qualified individuals.

A. High School Requirements:

- High school diploma from an accredited secondary school program, or successful completion of the G.E.D. Exam. High school seniors may apply.
- High school course requirements for all applicants include the completion of the following with a 2.8 GPA or better:
 - 4 units of English
 - 3 units of Social Studies
 - 2 units of Math (one must be algebra)
 - 1 unit of Biology (with lab) with a final grade of “C” or better*
 - 1 unit of Chemistry (with lab) with a final grade of “C” or better.*

*If Biology and/or Chemistry has been taken more than five years ago, College level Biology and/or Chemistry courses must be completed with a grade of “C” or better. College level Chemistry and/or Biology courses used for prerequisite must have been completed within the last 5 years.

- Courses not taken in high school may be taken at Butler County Community College or at another college. (Comparable courses may be substituted with permission of the Dean for Nursing and Allied Health) Individuals with less than a 2.8 GPA in required high school courses may be considered for admission following completion of 12 credits (either nursing program prerequisites or general studies credits), with a College Level cumulative GPA of 2.8 or better.

B. Testing

- New students to BC3 are required to take the College placement tests for appropriate initial placement in courses, i.e. English, Reading and Math. If it is determined that placement tests are needed, you will be notified. If placement test scores indicate a need for skill building classes in English, Reading and/or Mathematics, students will be required to enroll in those courses. All preparatory classes must be completed before acceptance to the program with a minimum grade of “C”.

C. Advanced Standing

- Licensed practical nurses (LPN) or individuals previously enrolled in RN education programs who are accepted must successfully complete the following requirements in order to be eligible for advanced standing in the nursing program. To be eligible, the LPN must successfully complete NURS 135, score 75% or higher on the final comprehensive examination for NURS 101: Nursing 1: Introduction to Nursing Care. In addition, the LPN must successfully complete NURS 141: Pharmacology for Nurses I. College credit-by-

examination fees apply and must be paid prior to completing the examinations.

- Students with credits from another registered nursing education program may be eligible for advanced standing in the BC3 Nursing Program into the second semester of the program. Students who have successfully completed a fundamentals of nursing course (with a “C” grade or greater) at another registered nursing education program may enter the BC3 Nursing Program in the second semester, under the same criteria as listed above for LPN applicants. College credit-by-examination fees apply and must be paid prior to completing the examinations.

D. College

- Cumulative College GPA of 2.8 or better, if applicable.
- In order to meet degree requirements, if A&P I, A&P II and/or Microbiology are taken prior to admission to the Nursing Program, these courses must have been completed within the last 5 years with a minimum grade of “C.”
- Grade of “C” or better in any course required in the Nursing Program.
- All applicants are notified as to acceptance, placement on standby, or rejection.

Special Requirements*

Nursing students are required to:

1. Complete Act 34/151 Pennsylvania Child Abuse History Clearance and Criminal Record Check prior to beginning NURS 101 and again if readmitted to the program. An FBI Background Check is required for individuals who were not PA residents for the past two years and for all students prior to starting clinical with children in the community.
 - In order for a student to participate in clinical coursework, clearance results must be in compliance with PA State Board of Nursing regulations, Act 169 Older Adult Protective Services Act, and Act 34/151. A student who fails to obtain the requisite Act 169 and Act 34/151 clearances will be unable to attend the required clinical experiences and meet course objectives.
2. Have a satisfactory annual physical examination, tuberculin skin test, immunizations, and negative urine drug screen.
 - Students must have the physical and emotional ability to provide all aspects of safe nursing care. A list of required nursing abilities is available with the admission packet.
3. Provide evidence of successful completion of a course in cardiopulmonary resuscitation (CPR) for the healthcare provider.

4. Provide proof of health insurance coverage and sign a health insurance waiver .
5. Purchase malpractice liability insurance (paid with tuition).
6. Purchase uniforms.
7. Assume all responsibilities for transportation to and from clinical agencies to which they are assigned for clinical practice.
8. Be available for variations in clinical hours and locations.

* Information will be provided following acceptance to the program.

The most current information is listed above. The college reserves the right to amend requirements at any time.

Course Curriculum

Minimum - 70 credits

First Semester (18)

NURS 101 - Nursing I: Introduction to Nursing Care	8 credits
NURS 141 - Pharmacology for Nurses I	1 credit
PHED 125 - Physical Wellness	2 credits ^{1,6}
PSYC 201 - General Psychology	3 credits ^{1,6}
BIOL 131 - Human Anatomy and Physiology I	4 credits ^{1,6}

Second Semester (17)

NURS 102 - Nursing II: Nursing Care of Patients Throughout the Lifespan	9 credits
NURS 142 - Pharmacology for Nurses II	1 credit
PSYC 203 - Human Growth and Development	3 credits ^{2,6}
BIOL 132 - Human Anatomy and Physiology II	4 credits ^{2,6}

Third Semester (17)

NURS 103 - Nursing III: Nursing Care of Patients with Acute Health Problems	9 credits
NURS 143 - Pharmacology for Nurses III	1 credit
ENGL 101 - English I	3 credits ^{3,6}
BIOL 201 - General Microbiology	4 credits ^{3,6}

Fourth Semester (18)

NURS 104 - Nursing IV: Nursing Care of Patients with Complex Health Problems	8 credits
NURS 144 - Pharmacology for Nurses IV	1 credit
NURS 105 - Nursing V: Transition to Practice	3 credits
MATH 100 - Intermediate Algebra	3 credits ^{4,5,6}
ENGL 102 - English II	3 credits ^{4,6}

Applicants to the Two Year Nursing Program

Students enrolling in the Nursing Program with fewer than 12 credits who do not choose the three-year curriculum are encouraged to take the courses in the Summer terms: 1) prior to enrolling in the Nursing Program and 2) between the first and second years. Students are encouraged to seek advisement regarding summer enrollment.

For students accepted into the two year nursing program, credit load can also be reduced by completing some courses prior to admission into the Nursing Program and/or during the summer between the two years of the Nursing Program.

Optional Three-Year Curriculum

For students who are applying to the Nursing Program directly from high school or with fewer than 12 earned college credits, it is highly recommended that the Optional Three Year Curriculum Plan is selected. By reducing both credit load and contact hours each semester, the likelihood of academic success might be increased. Seek advisement regarding course selection as needed.

After being accepted into the Nursing Program for the Optional Three Year Curriculum plan, the student must maintain a 2.5 GPA and earn a "C" or better in all courses completed during the first two semesters of enrollment. If these requirements are met, the student will be eligible for enrollment in NURS 101 in the third semester of the Optional Three Year Curriculum plan.

A recommended three-year curriculum plan is shown:

 First Semester (12)

BIOL 131 - Human Anatomy and Physiology I	4 credits ^{1,6}
PSYC 201 - General Psychology	3 credits ^{1,6}
PHED 125 - Physical Wellness	2 credits ^{1,6}
AHEA 280 - Medical Terminology	3 credits ⁷

 Second Semester (13)

BIOL 132 - Human Anatomy and Physiology II	4 credits ^{2,6}
ENGL 101 - English I	3 credits ^{3,6}
PSYC 203 - Human Growth and Development	3 credits ^{2,6}
SOCI 211 - Principles of Sociology	3 credits ⁷

 Third Semester (12)

NURS 101 - Nursing I: Introduction to Nursing Care	8 credits
NURS 141 - Pharmacology for Nurses I	1 credit
MATH 100 - Intermediate Algebra	3 credits ^{4,5,6}

 Fourth Semester (14)

NURS 102 - Nursing II: Nursing Care of Patients Throughout the Lifespan	9 credits
NURS 142 - Pharmacology for Nurses II	1 credit
BIOL 201 - General Microbiology	4 credits ³

 Fifth Semester (13)

NURS 103 - Nursing III: Nursing Care of Patients with Acute Health Problems	9 credits
NURS 143 - Pharmacology for Nurses III	1 credit
ENGL 102 - English II	3 credits ^{4,6}

 Sixth Semester (12)

NURS 104 - Nursing IV: Nursing Care of Patients with Complex Health Problems	8 credits
NURS 144 - Pharmacology for Nurses IV	1 credit ⁴
NURS 105 - Nursing V: Transition to Practice	3 credits

PARAMEDIC (209)

Associate in Applied Science Degree

The BC3 Paramedic Associate Degree Program builds up on the knowledge and skills acquired through completion of the Paramedic Certificate Program. For the Paramedic A.A.S. Degree, the student must complete additional courses related to BC3's Institutional Degree Requirements (IDR's). The graduate of the BC3 Paramedic A.A.S. Degree Program can seek employment as a multi-skilled practitioner, who is qualified to perform administrative, supervisory and clinical skills within Emergency Medical Services.

Prerequisites are a High School Diploma, GED or equivalent, 18 years of age upon enrollment, current on all immunizations, current Pennsylvania EMT/Basic certification, and current CPR Healthcare Provider course completion, as well as Act 34/151 clearances. Students must earn a "C" or better in all courses in the curriculum to graduate.

This course has been approved by the Pennsylvania Department of Health as meeting the educational course requirement that an applicant for certification as a/an Emergency Medical Technician/Paramedic needs to satisfy to be certified by the Pennsylvania Department of Health as a/an Emergency Medical Technician/Paramedic.

Minimum - 68 credits

First Semester (17)

AHEA 125 - Basic Human Structure	4 credits
PSYC 201 - General Psychology	3 credits
PARA 100 - Paramedic I	6 credits
PARA 101 - Paramedic I Lab	3 credits
PARA 102 - Paramedic Clinical I	1 credit

Second Semester (17)

PSYC 203 - Human Growth and Development	3 credits
ENGL 110 - Workplace Communications	3 credits
PARA 103 - Paramedic II	5 credits
PARA 104 - Paramedic Lab II	3 credits
PARA 105 - Paramedic Clinical II	1 credit
PARA 106 - Paramedic Field I	2 credits

Summer (6)

PARA 107 - Paramedic National Registry Prep	3 credits
PARA 108 - Paramedic Clinical III	1 credit
PARA 109 - Paramedic Field II	2 credits

Third Semester (15)

BIOL 131 - Human Anatomy and Physiology I	4 credits
MATH 100 - Intermediate Algebra	3 credits
PHED 125 - Physical Wellness	2 credits
ENGL 101 - English I	3 credits
PSYC 204 - Abnormal Psychology	3 credits

Fourth Semester (13)

BIOL 132 - Human Anatomy and Physiology II	4 credits
AHEA 110 - Medical Law and Ethics	3 credits
MATH 107 - Elementary Statistics	3 credits
ENGL 102 - English II	3 credits

PARADEMIC (009)

Certificate of Achievement

The BC3 Paramedic Certificate Program builds upon the knowledge and skills acquired through completion of an EMT/Basic Certification Program. The BC3 EMT/Paramedic Certificate Program includes 375 classroom hours, 360 hours of laboratory instruction, 270 hours of supervised clinical hospital experience, and 240 hours of supervised field experience, for a total of 1245 hours of instruction. Graduates of the BC3 Paramedic Certification Program will be eligible to complete the National Registry EMT/Paramedic Certification examination. Upon successful completion of the National Registry EMT/Paramedic Certification examination, the graduate will also be eligible for Pennsylvania EMT/Paramedic certification. A certified EMT/Paramedic may seek employment as a Field Paramedic, Patient Care Technician (hospital based), Monitor Technician, or other related occupations in the Emergency Medical Services or various healthcare settings.

Prerequisites are a High School Diploma, GED or equivalent, 18 years of age upon enrollment, current on all immunizations, current Pennsylvania EMT/Basic certification, and current CPR Healthcare Provider course completion, as well as Act 34/151 clearances. Students must earn a "C" or better in all courses in the curriculum to graduate.

Minimum - 40 credits

First Semester (17)

AHEA 125 - Basic Human Structure	4 credits
PSYC 201 - General Psychology	3 credits
PARA 100 - Paramedic I	6 credits
PARA 101 - Paramedic I Lab	3 credits
PARA 102 - Paramedic Clinical I	1 credit

Second Semester (17)

PSYC 203 - Human Growth and Development	3 credits
ENGL 110 - Workplace Communications	3 credits
PARA 103 - Paramedic II	5 credits
PARA 104 - Paramedic Lab II	3 credits
PARA 105 - Paramedic Clinical II	1 credit
PARA 106 - Paramedic Field I	2 credits

Summer (6)

PARA 107 - Paramedic National Registry Prep	3 credits
PARA 108 - Paramedic Clinical III	1 credit
PARA 109 - Paramedic Field II	2 credits

PHYSICAL THERAPIST ASSISTANT (215)

Associate in Applied Science Degree

The Physical Therapist Assistant Program at BC3 is an academically based program that prepares the graduate for employment in the role of a PTA and as a member of the health care team. The goal of the program is to graduate students who will be ready for employment as Physical Therapist Assistants, acting ethically and effectively under the supervision of a licensed Physical Therapist. The Physical Therapist Assistant carries out the treatment for the patient which has been designed by the Physical Therapist, documents the relevant aspects of the treatment, and communicates any changes in the patient's condition which requires the Physical Therapist to reassess the patient's treatment program. The Physical Therapist Assistant program includes classroom, laboratory, and clinical components.

The Commission of Accreditation in Physical Therapy Education (CAPTE) accredits physical therapy education programs in the United States. BC3's program is accredited by CAPTE: 1111 North Fairfax Street, Alexandria, VA 22314, Telephone: (703) 706-3245.

Employment is available in a variety of structured health care settings including hospitals, private practices, nursing homes, school settings, and rehabilitation settings.

Criteria for Admission

Admission to the PTA Program is selective. A special application packet, available from the Admissions Office, is required. The application packet may also be downloaded from the BC3 website www.bc3.edu. Applications are accepted on a rolling basis. Applicants are urged to apply early, as there are a limited number of seats. Admissions will take place until the start of classes in August or until the class is full.

All applicants are considered equally regardless of race, color, disability, religious creed, ancestry, national origin, age, or gender.

Licensure or registration may be required to practice in some states. In Pennsylvania, PTAs must successfully pass the state examination to become registered to practice under the supervision of a Physical Therapist.

At the time of application for registration, the State Board of PT also requires reporting of misdemeanors and illegal acts associated with alcohol and substance abuse. The State Board determines the eligibility of individuals with a history of misdemeanors and illegal acts to practice as PTAs in the commonwealth.

The PTA Admissions Committee assumes the responsibility to review the data of all applicants and has the right to select the best qualified individuals.

A. Basic Requirements

- High School diploma from an accredited secondary school program, or successful completion of the G.E.D. Exam. High school seniors may apply.
- High school course requirements for all applicants include the completion of the following with a “C” or better:
- High School Biology or college level biology comparable to BIOL 101 High school Algebra or Algebra I comparable to MATH 091
- Courses not taken in high school must be taken at BC3 or at another college.
- Applicants must have a grade of “C” or better in all courses required in the PTA curriculum. A passing grade is required in the Clinical Education courses.
- Volunteer or work experience: All applicants are strongly encouraged to demonstrate a minimum of twenty (20) total hours of volunteer or work experience in two different PT settings (hospital, clinic, nursing home, etc.) and preferably more hours, prior to application.
- As part of the PTA Program admissions packet, applicants will be required to submit two letters of recommendation, one of which must come from a licensed Physical Therapist or Physical Therapist Assistant.

B. College

Applicants must have a Cumulative College GPA of 2.8 or better in order to be accepted into the PTA program. Grades of “C” or better in all PTA courses are required.

Special Requirements*

The PTA Program Director will meet with all accepted students for an orientation session. Specific information will be given at that session. Among other orientation information, PTA Students will be advised that they will be required to:

1. Be certified in the American Heart Association: Basic Life Support for Health Care Providers or the American Red Cross’ Basic Life Support for the Professional Rescuer.
2. Provide proof of personal health insurance coverage.
3. Have a satisfactory annual physical examination, including ability to meet physical requirements and proof of required immunizations.
4. Submit Act 34/151 clearances (Pennsylvania Criminal History Record and Pennsylvania Child Abuse Clearance). Students with criminal and/or child abuse backgrounds may not be permitted to engage in clinical affiliations, and therefore may not be eligible for program completion, licensure or employment.
5. Assume all responsibilities for all transportation to and from the College as well as clinical facilities to which they are assigned.

*These are not admissions requirements. Specific information about these requirements, including when they must be completed will be provided following acceptance to the program.

PTA course work must be taken in sequence indicated. All general education courses should be taken prior to the start of the third semester.

Course Curriculum

Minimum - 69 credits

First Semester (18)

PTAP 101 - Seminar I	3 credits
PTAP 121 - Procedures I	4 credits
PTAP 135 - Fundamentals of Therapeutic Exercise	2 credits
BIOL 131 - Human Anatomy and Physiology I	4 credits ^{1,3}
MATH 100 - Intermediate Algebra	3 credits ^{2,3}
PHED 125 - Physical Wellness	2 credits ³

Second Semester (17)

PTAP 140 - Functional Anatomy	3 credits
PTAP 122 - Procedures II	4 credits
BIOL 132 - Human Anatomy and Physiology II	4 credits ³
ENGL 101 - English I	3 credits ³
PSYC 201 - General Psychology	3 credits ³

Summer Session (7)

PTAP 201 - Clinical Education I	4 credits
ENGL 102 - English II	3 credits ³
or COMM 201 - Speech	3 credits ³

Third Semester - First 11 weeks (10)

PTAP 109 - Patient Practitioner Interaction	1 credit
PTAP 123 - Procedures III	5 credits
PTAP 230 - Pathophysiology	4 credits

Third Semester - Last 5 weeks (14)

PTAP 202 - Clinical Education II	4 credits
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Fourth Semester - First 6 weeks (7)

PTAP 105 - Seminar II 2 credits (Internet-based)	
PTAP 124 - Procedures IV	5 credits

Fourth Semester - Last 9 weeks (13)

PTAP 203 - Clinical Education III	6 credits
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TECHNICAL TRADES - MASSAGE THERAPY MANAGEMENT OPTION (314D)

Associate in Applied Science Degree

This program prepares massage therapists for management careers in the Massage industry. The curriculum enables students to receive credit for their NCMTMB massage certification or completion of the BC3 Massage Therapy Program while being offered theoretical management and marketing skills required to successfully own and/or manage a massage therapy business. Courses provide skill development in all facets of managing a massage business and salesmanship, with emphasis in customer service and communication skills. Typical employment positions are massage/salon/spa owner, massage/salon/spa manager, sales consultant, manufacturer sales representative, or distributor's sales representative. Student must be certified in CPR in the American Heart Association: Basic Life Support for Health Care Providers or American Red Cross: Basic Life Support for The Professional Rescuer.

First Semester (14)

MTPY 101 - Introduction to Massage Therapy, Theory, Techniques and Practice 4 credits

BIOL 131 - Human Anatomy and Physiology I 4 credits ¹

BUSN 121 - Business Mathematics 3 credits

or MATH 100 - Intermediate Algebra 3 credits

ENGL 101 - English I 3 credits

or ENGL 110 - Workplace Communications 3 credits

Second Semester (13)

MTPY 102 - Intermediate Massage Therapy, Theory, Techniques and Practice 5 credits

BIOL 132 - Human Anatomy and Physiology II 4 credits ²

COMP 210 - Introduction to Microcomputing 3 credits

PHED 102 - Physical Fitness 1 credit

or PHED 128 - Introduction to Yoga 1 credit

Summer Session (5)

MTPY 103 - Advanced Massage Therapy, Theory, Techniques and Practice 5 credits

Third Semester (15)

COMM 201 - Speech 3 credits

BUSN 134 - Advertising 3 credits

BUSN 127 - Customer Service 3 credits

BUSN 214 - Marketing 3 credits

BUSN 123 - Principles of Management 3 credits

 Fourth Semester (17)

PSYC 201 - General Psychology	3 credits
or PSYC 220 - Psychology of Human Relationships	3 credits
BUSN 187 - Web Marketing	3 credits
or Buiness Elective	3 credits
BUSN 124 - Employment Law	3 credits
or BUSN 125 - Human Resource Management	3 credits
or BUSN 139 - Business Ethics	3 credits
or BUSN 203 - Introduction to Business	3 credits
or ACCT 110 - Accounting for Managers	3 credits
BUSN 113 - Salesmanship	3 credits
PHED 125 - Physical Wellness	2 credits
or PHED 129 - Introduction to Pilates	1 credit
BUSN 102 - Business Law	3 credits

 Fourth Semester (17)

PSYC 201 - General Psychology	3 credits
or PSYC 220 - Psychology of Human Relationships	3 credits
BUSN 187 - Web Marketing	3 credits
or Buiness Elective	3 credits
BUSN 124 - Employment Law	3 credits
or BUSN 125 - Human Resource Management	3 credits
or BUSN 139 - Business Ethics	3 credits
or BUSN 203 - Introduction to Business	3 credits
or ACCT 110 - Accounting for Managers	3 credits
BUSN 113 - Salesmanship	3 credits
PHED 125 - Physical Wellness	2 credits
or PHED 129 - Introduction to Pilates	1 credit
BUSN 102 - Business Law	3 credits

TECHNICAL TRADES - RADIOLOGIC TECHNOLOGY (314C)

Associate in Applied Science Degree

This two-year program is designed to prepare individuals for entry-level employment as a professional radiographer in radiology departments of hospitals, offices of private physicians, and other health care facilities using radiographic procedures. The curriculum enables students to receive credit for successfully earning a certificate in radiologic technology at a program accredited by the Joint Review Committee on Education in Radiologic Technology (JCERT), and passing the American Registry of Radiologic Technologists (ARRT) National Registry Examination. In addition to developing technical skills needed to function as a radiographer, individuals will complete a series of liberal arts courses in order to develop skills necessary to serve as an essential member of the health care team. Such skills focus on communication, human diversity, technology, living a healthy lifestyle, and critical thinking and judgment.

Students must be concurrently enrolled in, or have successfully completed a JCERT accredited hospital-based radiography certificate program and have maintained current licensure. Admission to the certificate program is selective and requires application directly to the accredited hospital-based program. College courses listed in the first and fourth semesters will be scheduled for the fall; second and fifth semester courses will be scheduled for the spring; third and sixth semester courses will be scheduled for the summer.

First Semester (7)

AHEA 280 - Medical Terminology	3 credits
BIOL 115 - Basic Human Structure	4 credits

Second Semester (6)

MATH 100 - Intermediate Algebra	3 credits ¹
ENGL 101 - English I	3 credits ²

Third Semester (3)

COMP 210 - Introduction to Microcomputing	3 credits
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Fourth Semester (6)

PSYC 201 - General Psychology	3 credits
COMM 201 - Speech	3 credits

Fifth Semester (5)

AHEA 110 - Medical Law and Ethics	3 credits
PHED 125 - Physical Wellness	2 credits

Sixth Semester (33)

* Successful Completion of Radiologic Technology Certificate and Pass ARRT National Registry Examination.

COLLEGE OVERVIEW

Butler County Community College was chartered in 1965 and was the first community college in Western Pennsylvania. Today, BC3 serves the region with its Main Campus in Butler and three off-campus locations – BC3 @ Cranberry, BC3 @ Lawrence Crossing and BC3 @ LindenPointe. Today, more than 4,400 students are enrolled in credit programs.

Butler County Community College is accredited by the Middle States Commission On Higher Education, 3624 Market Street, Philadelphia, PA 19104; Phone: 217-662-5606; Fax: 215-662-5501; www.msache.org.

BC3 confers the Associate of Arts, Associate of Science and Associate of Applied Science as well as Certificates in the areas of Humanities & Social Sciences, Business, Science & Technology and Nursing & Allied Health.

BC3 offers a wide array of campus activities including intercollegiate athletics, intramural activities, a student government association and more than 20 extracurricular organizations.

For more information visit www.bc3.edu.

APPLICATION INFORMATION

Interested students should request application information through the college Admissions Office, local high school guidance offices, or in person during admissions interviews.

All applicants must complete an application form which includes a one-time \$25 application fee. ACT and SAT exams are not required for admission.

It is highly recommended that interested students contact the Admissions Office at 724-284-8501 to arrange an on-campus interview.

Financial Aid is available to students through scholarships, grants, loans, and work-study. For more information and application deadlines, contact the Financial Aid Office at 724-284-8509.

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BUTLER COUNTY COMMUNITY COLLEGE

Toll-Free: 888-826-2829
bc3.edu

MAIN CAMPUS

107 College Drive
Butler, PA 16002
724-287-8711

OTHER CONVENIENT LOCATIONS

BC3 @ Cranberry
250 Executive Drive
Cranberry Township, PA 16066
724-772-5520

BC3 @ LindenPointe
3182 Innovation Way
Hermitage, PA 16148
724-346-2073

BC3 @ Lawrence Crossing
2849 West State Street
New Castle, PA 16101
724-658-1938

BC3 @ Upper Allegheny
Jefferson County /
DuBois Area VoTech School
576 VoTech Road
Reynoldsville, PA 15851
814-653-8265, Ext. 159