A.W. Beattie Career Center

U.S Department of Education

Green Ribbon School

Program of Studies

Version 22, Winter 2023

A.W. Beattie Career Center does not discriminate on the basis of race, color, age, creed, religion, sex, sexual orientation, ancestry, national origin, handicap/disability, gender identity or expression, or genetic information in its programs or activities.

Message from the Executive Director

Message from the Executive Director:

What's the next step on your College and Career pathway? A.W. Beattie Career Center provides opportunities to earn advanced college credits and industry certifications that will enhance your college and career potential.

Students enrolled through Avonworth, Deer Lakes, Fox Chapel Area, Hampton Township, North Allegheny, Northgate, North Hills, Pine Richland, and Shaler Area learn to work in teams, develop concepts and problem solve using authentic applications that meet industry standards while attending A.W. Beattie Career Center.

Students have the opportunity to excel beyond the classroom through externships and observations with local employers and volunteering within non-profit organizations. Students will gain valuable industry recognized experience through a variety of options.

A.W. Beattie Career Center is consistently rated by the PA Department of Education as one of the top performing Career Centers for high school students who are enrolled in post-secondary education, employed in their field of study or engaged in military services one year after graduation. A.W. Beattie students also exceed the state average in industry certifications earned in their chosen career while in high school.

It is with great pride that A.W. Beattie Career Center and its member school districts acknowledge the dedication efforts of our college and career ready students as they prepare for a successful future.

Eric C. Heasley, M.Ed.

NOCTI and National College Credit Recommendation Service (NCCRS) Credits

Experienced industry experts and professors working with The National College Credit Recommendation Service (NCCRS), evaluated the rigor of NOCTI assessments to translate the content into college credit equivalencies ranging from one to four credits.
How does Credit for NOCTI Assessments work?

- Students must meet a 70% benchmark on an approved NOCTI multiple-choice assessment to be eligible for the College Credit Recommendation Report which is automatically generated as part of the NOCTI scoring package for all eligible students.
- The report can be used as part of a student's portfolio, and more importantly, can be presented at any of the 1500+ participating colleges and universities for college credit consideration.
- Need an official transcript? NOCTI has collaborated with Excelsior College to offer students an option for an "official" transcript.
- For more information about the process for obtaining the college credit recommendation report and/or an official transcript, please visit: www.nocti.org/nccrs.cfm

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SOAR and College Credit

Dear A. W. Beattie Career Center Students and Parents,

Congratulations on your selection of a Career and Technical Education (CTE) Program of Study (POS). **SOAR** is a Pennsylvania program which allows CTE students to earn free college credits. You have earned these free credits if you score well on your NOCTI Senior year assessment. And if your teacher can confirm that you have completed your entire CTE program. To obtain these free credits, you must submit the proper paperwork to the college, as outlined below. This paperwork requires administrative signatures for submittal. Follow the instructions carefully. You are responsible for this process, not your school.

STEP 1: SEE WHICH COLLEGES OFFER FREE CREDITS FOR YOUR CTE PROGRAM OF STUDY.

A website identifies which Pennsylvania colleges award free credits for each CTE Program of Study. Below are instructions for this website.

To find the free credits offered for Pennsylvania Career and Technical Educational Programs of Study (POS) visit this website http://www.collegetransfer.net/. After selecting your Program of Study and your high school graduation year, you can view all of the colleges offering free credits for your particular CTE program.

How to find colleges and free credits offered:

- Go to www.collegetransfer.net
- Scroll over to the **search** tab at the top of the page
- Scroll down and click on **BUREAU OF CTE SOAR PROGRAMS**
  A box will pop up
  - Step 1: Using the dropdown box, select your high school Program of Study **By title or CIP Code**
  - Step 2: Select **your graduation year**
  - Click the **Search** button
- A list of colleges will appear with the courses available for no cost and the majors that accept these credits at the college. This list is updated annually; additional A. W. Beattie Career Center Programs have added college offerings that are located as each program's overview.

STEP 2: APPLY TO THE COLLEGE AND COMPLETE FINANCIAL AID APPLICATION.

Complete the college application process and select a major that accepts the credits for your CTE Program of Study (POS) high school program. It is best to do this in the fall of your senior year. To be eligible for any financial aid and most scholarships, your financial aid application must be completed in the spring of your graduation year.

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SOAR and College Credit

STEP 3: IN LATE MAY OR JUNE, AS SOON AS YOU GRADUATE, YOU FORWARD THE SOAR/POS PAPERWORK TO THE COLLEGE ADMISSION OFFICE.

Below are the steps to properly complete and submit all the necessary materials to receive your free SOAR college credits. If you have any questions, contact your career and technical center school counselor. **It is your responsibility to submit these materials to the Post-Secondary Institution.** You must take charge of this process and make certain that everything is completed and forwarded in a timely fashion.

SOAR/POS Paperwork to be collected by the student and forwarded to the college:

- ☐ Copy of High School Diploma (you obtain at graduation)
- ☐ Official High School Transcript (must be sent separately by high school counselor)
- ☐ NOCTI Skills Certificate or Certificate of Completion (obtain from A. W. Beattie Career Center
- ☐ POS Perkins Statewide Articulation Agreement Student Documentation Cover Sheet (obtain from A. W. Beattie Career Center)
- ☐ Secondary Program Competency Task List signed by CTE program instructor (obtain from CTE program instructor)

Mail these materials to the Post-Secondary Institution admission office – send as early as possible so that your fall semester college schedule will reflect these college courses and credits.

Using the free college credit you earned through your performance and hard work at the CTC will help you progress in your chosen career path. The credits are good for up to 3 years from you date of high school graduation. Collect these documents, even if you are not yet certain of your college plans.

Good luck in your career and post-secondary studies. And congratulations for earning free college credit during high school through your attendance at A. W. Beattie Career Center and in cooperation with your high school.

In addition, A. W. Beattie Career Center has a number of direct college credit articulation agreements with many post-secondary institutions.

For additional information on any college credit opportunity please contact, Mrs. Zylinski, A. W. Beattie Career Center School Counselor at 412-847-1912 or kim.zylinski@beattietech.com.

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A.W. Beattie Career Center
Program of Studies

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- Automotive Collision Technology
- Automotive Technology
- Building Construction
- Carpentry
- Computer Systems Technology
- Cosmetology
- Culinary Arts
- Dental Careers
- Early Childhood Education
- Emergency Response Technology
- Health and Nursing Sciences
- Heating, Ventilation and Air-Conditioning (HVAC)
- Introduction to Pharmacy
- Network Engineering Technology
- Pastry Arts
- Robotics Engineering Technology
- Sports Medicine – Rehabilitation Therapy
- Surgical Sciences – Operating Room Technology
- Veterinary Sciences Technology

Additional Resources:

- Resources for Non-Traditional Students, Cooperative Education

Student Organizations:

Beattie Ambassadors

FCCLA – Family, Career and Community Leaders of America

Builders Association of Metropolitan Pittsburgh

NTHS

FIRST

SkillsUSA

BEATTIE 360° OUTDOORS

BAT TEAM

A.W. Beattie Career Center does not discriminate on the basis of race, color, age, creed, religion, sex, sexual orientation, ancestry, national origin, handicap/disability, gender identity or expression, or genetic information in its programs or activities.

Non-Discrimination Policy

A.W. Beattie Career Center does not discriminate on the basis of race, color, age, creed, religion, sex, sexual orientation, ancestry, national origin, handicap/disability, gender identity or expression, or genetic information in its programs or activities in the Educational Program clusters of: Business, Building Construction/HVAC, Engineering/Mechanical Technologies, Health and Human Services and Transportation. Admission to Career Center Programs depends upon availability and class size and meeting established Career Center and district criteria. Inquiries may be directed to Executive Director, Title IX/Section 504 Coordinator, A.W. Beattie Career Center, 9600 Babcock Blvd., Allison Park, PA 15101, 412-847-1900 or eric.heasley@beattietech.com. Eric Heasley, Executive Director, is the Title IX Coordinator for the A.W. Beattie Career Center.

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A.W. BEATTIE CAREER CENTER

ENGAGE • EDUCATE • EMPOWER

The Mission of the A.W. Beattie Career Center is to empower each student to become a successful professional in a continuously evolving regional and global economy through equitable access to the latest industry standards and technology education.

Vision

The vision of A.W. Beattie Career Center is to be a progressive career center that fosters excellence in career and technical education for students. This vision includes students being well educated and skilled for their postsecondary education and career pathway.

Shared Values

We will pursue excellence for all those we serve in a safe, secure and inclusive learning environment.

About Students

- All students want to learn and can learn when their social/emotional, physical, academic, and college/career needs are being met.
- All students need nurturing, support and recognition to foster self-esteem.
- Students must attend school regularly and actively engage in learning.
- Student success requires organized leadership, shared expectations, collaboration with community partners, teamwork, and well managed resources.

About Teachers

- Teachers must be passionate, caring and respectful.
- Teachers must be student-centered.
- Teachers must be knowledgeable about content and methodology.
- Teaching is a craft that must be continually developed and reflected upon to promote growth.
- Teachers must seek collaboration and innovation.

About our Learning Community

- A. W. Beattie Career Center is a partnership among the nine consortium school districts, parents, staff and the community at large.
- Authentic learning experiences must be extended beyond the walls of the Career Center.
- Recognizing and embracing diversity adds value to learning experiences for all students.
- A.W. Beattie Career Center strives to best serve the surrounding communities by educating our students in fields adapted to meet the needs of area employers.
- Collaboration with businesses, industry, post-secondary institutions, as well as community organizations enriches and strengthens the bond of the Career Center within the culture of the community.

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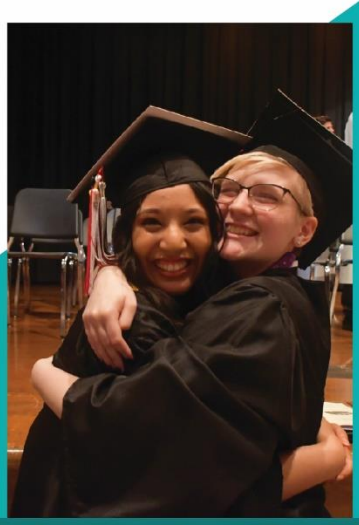
Advertising Design

Pennsylvania Department of Education CIP Code: 50.0402

Instructors:

Heather Brown | 412.847.1951
heather.brown@beattietech.com

Andrew Dumbeck, M.Ed. | 412.847.1917
andrew.dumbeck@beattietech.com



Industry Certifications

Adobe Certified Associate, Photoshop, Illustrator, Premiere

(Approximate Cost: $150)

Career Potential

Bright Outlook O-Net:
Median $21.18/Hour

Career Pathways

Graphic Artist, Advertising Designer, Interior Designer, Animator, Display Artist, Art Teacher, Game Designer, Illustrator, Signage

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The Advertising Design program at A.W. Beattie Career Center focuses on a wide variety of professional art-related fields, including: Digital Graphic Design, Multimedia, Digital Photography and Video Editing. Students will train in a dual-platform (Mac and PC) environment using the latest in professional graphic design software and equipment, such as: Adobe Photoshop CC, Adobe Illustrator CC, Adobe Premier Pro, SketchUp and many others. Achieve advanced standing at local colleges or universities by utilizing college credits you can earn while you are an Advertising Design student.

Class Requirements

The following is to be purchased by the student:
Art Kit
Portfolio

Courses of Study

Digital Graphic Design, Digital Video Editing/Production, Multimedia Communications, Advertising/Package Design, Digital Photography, Digital Desktop Publishing, Design for the Web

For Additional Information on any of our programs, please visit www.beattietech.com
A.W. Beattie Career Center is an Equal Opportunity Educational Institution.

A.W. Beattie Career Center does not discriminate on the basis of race, color, age, creed, religion, sex, sexual orientation, ancestry, national origin, handicap/disability, gender identity or expression, or genetic information in its programs or activities.

Advertising Design Program
CIP Code:
50.0402

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Butler County Community College	9	ARTS 101 (3), ARTS 102 (3), COMM 105 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Community College of Allegheny County	9	ART 109 (3), ART 148 (3), ART 144 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Community College of Allegheny County – Digital Design	3	ART 144 (3)	Per STAR Program at CCAC
Community College of Allegheny County – Graphic Design	9	ART 144 (3), ART 109 (3), ART 148 (3)	Per STAR Program at CCAC
Community College of Allegheny County – Graphic Communications	9	ART 144 (3), ART 109 (3), ART 148 (3)	Per STAR Program at CCAC
Harcum College	9	ART 110 (3), DDN 151 (3), DDN 153 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
La Roche University	6	GCDN 1070 (3), GCDN 1071 (3)	Per local articulation agreement
Lehigh Carbon Community College	9	ART 108 (3), ART 107 (3), ART 111 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Pittsburgh Technical College: Digital Media and Video Production	3	GDA 146 (3)	Per local articulation agreement
Pittsburgh Technical College: Graphic Design	10	GDA 101 (3), GDA 102 (1), GDA 145 (3), GDA 146 (3)	Per local articulation agreement
Pittsburgh Technical College: Web/UX Design	7	GDA 101 (3), GDA 102 (1), GDA 145 (3)	Per local articulation agreement
Robert Morris University: Graphic Design	6 to 9	ARTM 1010 (3), Open Elective (3 to 6)	Per local articulation agreement
Robert Morris University: UX/UI and Cinema and Photography	6 to 9	ARTM 1012 (3), Open Elective (3 to 6)	Per local articulation agreement
Waynesburg University	6	COM 109 (3), COM 126 (3)	Per local articulation agreement
National Articulation	1 - 4	Varies based on post-secondary	Per NOCTI NCCRS

Updated January 23, 2023

List is a sampling of articulated credits. Visit www.collegetransfer.net or your counselor for the latest updates and details.
College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests and Written Work
Suggested Pre-Requisites: Algebra I, Biology, Geometry, College Prep English I, Fundamental Computer Skills

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Scope and Sequence: Advertising Design

CIP Code Number and Title: 50.0402 Commercial and Advertising Art

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (1080)		Advertising Design History (10)	Life Drawing/ Mechanical (20)	Airbrush (10)	Per Program of Study for Post-Secondary Institution			
		Career Orientation (20)	Digital Photography/ Video (50)	Digital Photography/ Video/ Web (100)				
		Safety (10)	Airbrush (20)	Prep for Print/ Typography (40)				
		Computer Graphics (150)	Computer Graphics/ Animation (120)	2D/3D Design (50)				
		Illustration (50)	Typography (50)	Portfolio Display/ Presentation				
		Research (20)	Critique Presentation/ Work with Clients (40)	Public Speaking/ Resume/ Interview/ Research (30)				
		Layout/Design (50)	Safety (20)	Working with Clients (10)				
		Lettering (50)	Shadow Study/Research (40)	Computer Graphics (100)				
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	Algebra I	Algebra II	Geometry	College Prep Math (recommended)				
Science	Biology	Chemistry	Physics					
Humanities	Civics	US History	Social Studies					

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Automotive Collision Technology

Pennsylvania Department of Education CIP Code: 47.0603

Instructors:

Pat Ciccone, ASE | 412.847.1941
pat.ciccone@beattietech.com

Joseph Pelesky, PA Appraiser | 412.847.1942
joe.pelesky@beattietech.com

Industry Certifications

PA State Inspection, S/P2 Safety, I-Car, I-Car Welding,

(Approximate Cost: $75)

Career Potential

Bright Outlook O-Net:
Median $18.55 / Hour

Career Pathways

Automotive Assembly, Auto Body Repair, Automotive Glass Worker, Automotive Parts Clerk, Auto Body Painting, Welding, Detailing, Specialty Painter,Insurance Adjuster, Frame Specialist

The NATEF (National Automotive Technicians Education Foundation) certified Automotive Collision Technology program at A.W. Beattie Career Center meets strict Industry standards, and provides students with hands-on experience using equipment in our state-of-the-art auto body shop. The Automotive Collision Technology program trains students in all aspects of the industry, including MIG Welding, computerized paint mixing and automotive spraying techniques. Using the latest technology in our fully equipped auto shop keeps students up to date with current standards. Cooperative education experiences in local area dealerships provide necessary hands-on training. Students learn throughthe nationally recognized I-CAR curriculum.

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Class Requirements

The following is to be purchased by the student:
Appropriate Uniform Attire (Coveralls, protective shoes and safety glasses)
Tool Kit

Courses of Study

Shop and Work Safety, Tools and Equipment, Color Matching/Painting, Final Detailing, Welding Procedures, Estimating/Entrepreneurship, Fabrication/Repair, Diagnosing Collision Damage,, Panel Replacement/Adjustment, Restoration and Corrosion Body Alignment, Plastics and Composites

For Additional Information on any of our programs, please visit www.beattietech.com

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Automotive Collision Technology Program CIP Code: 47.0603

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Ohio Technical College	4	OTC Modules (4)	Per local articulation agreement
Rosedale Technical College	8.6	C-100 (2), C-101 (2), C-102 (4.6)	Per local articulation agreement
Rosedale Technical College	10	R-101 (2.5), R-103 (2.5), R-104 (2.5), R-108 (2.5)	Per local articulation agreement
Thaddeus Stevens College of Technology	12	CORT 111 (4), CORT 116 (4), CORT 107 (4)	Per POS statewide articulation agreement (www.collegetransfer.net)
University of Northwestern Ohio (UNOH)	12	AU 126 (6), AU 127 (6)	Per local articulation agreement
National Articulation	1 - 4	Varies based on post-secondary	Per NOCTI NCCRS

Updated January 23, 2023

List is a sampling of articulated credits. Visit www.collegetransfer.net or your counselor for the latest updates and details.
College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work

Suggested Pre-Requisites: Algebra I, Biology, Geometry, College Prep English I, Fundamental Computer Skills

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Scope and Sequence: Automotive Collision Technology

CIP Code Number and Title: 47.0603 Auto Body/Collision and Repair Technology

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (1080)		Shop and Work Safety (40)	Shop and Work Safety (25)	Shop and Work Safety (10)	Per Program of Study for Post-Secondary Institution			
		Hand Tool Identification/Power Tools (60)	Welding Equip/ Compressed Air Supply/Power Towels (50)	Sheet Metal Fabrication and Repairs/ MIG Welding (60)				
		Welding Equipment (50)	Refinishing Equipment/Color Matching/ Problems (70)	Panel Replacement (70)				
		Metal Work Basic Straightening (50)	Diagnosing Collision Damage and Measurement (50)	Body Alignment (70)				
		Introduction to Refinishing (55)	Panel Replacement (80)	Servicing Mechanical and Electrical Components I (60)				
		Auto Plastics (65)	Servicing Mechanical and Electrical Components I (60)	Auto Glass (40)				
		Corrosion/Color Matching/Custom Painting/Detailing	Body Repair I Estimation (20)	Color Matching II (30)				
		Body Computer Software (15)		Automotive Collision Technology Estimation II (20)				
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	Algebra I	Geometry	Algebra II	College Prep Math (recommended)				
Science	Biology	Chemistry	Physics					
Humanities	Civics	U.S. History	Social Studies					

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Automotive Technology

Pennsylvania Department of Education CIP Code: 47.0604

Instructors:

Larry Parks, ASE | 412.847.1948
larry.parks@beattietech.com

Nate Monroe, ASE | 412.847.1949
nate.monroe@beattietech.com

Industry Certifications

PA Safety Inspection , OSHA-10, Lift it Right
Pennsylvania State Emissions, S/P2 Safety
Snap On Meter Use, GM Delco Electronics 1&2
Mobile Air Conditioning Society Worldwide

(Approximate Cost: $200)

Career Potential

Bright Outlook O-Net:
Median $16.95 /Hour

Career Pathways

Automotive Technician, Parts Clerk, Shop Foreman, Service Manager, Truck Repair, Welding Technician, Automotive Restoration, Inspection Technician, Alignment Specialist

The NATEF (National Automotive Technicians Education Foundation) and ASE (Automotive Society of Engineers) certified Automotive Technology program at A.W. Beattie Career Center meets strict Industry standards and provides students with hands-on experience using diagnostic equipment in our state-of-the-art auto shop. This program is an AYES (Automotive Youth Education Systems) training facility, providing students during their senior year with work experience in local area dealerships, allowing for those important career connections. NATEF and AYES certifications assure students the best training and preparation to complete their ASE (Automotive Service Excellence) certification.

Class Requirements

The following is to be purchased by the student:
Appropriate Uniform Attire (Coveralls, protective shoes and safety glasses)
Tool Kit

Courses of Study

Shop and Work Safety, Shop Management and, Operation, Preventive Maintenance, Steering, Suspension and Alignment, Engine Performance, PA Emissions and safety Inspection, Tires and Brakes, Electrical Systems, MIG Welding, Introduction to Hybrid Technology

For Additional Information on any of our programs, please visit www.beattietech.com

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Automotive Technology Program CIP Code: 47.0604

ARTICULATION AGREEMENTS

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"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Allegany College of Maryland	12	AUTO 103 (4), AUTO 105 (2), AUTO 114 (2), AUTO 215 (4)	Per POS statewide articulation agreement (www.collegetransfer.net)
Community College of Allegheny County	9	ATE 103 (3), ATE 106 (1), ATE 108 (1), ATE 130 (3), ATE 291CP (1)	Per POS statewide articulation agreement (www.collegetransfer.net)
Community College of Philadelphia	9	AT 111 (4), AT 121 (3), AT 150 (2)	Per POS statewide articulation agreement (www.collegetransfer.net)
Commonwealth Technical Institute	11	AT 101 (3), AT 102 (3), AT 104 (5)	Per POS statewide articulation agreement (www.collegetransfer.net)
Delaware County Community College	10	AUT 100 (2), AUT 101 (4), AUT 102 (4)	Per POS statewide articulation agreement (www.collegetransfer.net)
Harrisburg Area Community College in Harrisburg	9	AUTO 101 (3), AUTO 151 (3), AUTO 153 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Johnson College	10	VMR 151 (1), VMR 153 (2), VMR 154 (1), VMR 155 (2), VMR 156 (1), VMR 159 (2), VMR 160 (1)	Per POS statewide articulation agreement (www.collegetransfer.net)
Lancaster County Career and Technology Center	11	AUTO 101 (3), AUTO 102 (4), AUTO 106 (4)	Per POS statewide articulation agreement (www.collegetransfer.net)
Luzerne County Community College	9	AUT 103 (3), AUT 105 (3), AUT 106 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Northampton County Community College	9	AUTO 104 (3), AUTO 105 (3), AUTO 103 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Ohio Technical College	4	OTC Modules (4)	Per local articulation agreement
Rosedale Technical College	9.5	GD 101 (4.5), GD 102 (5)	Per POS statewide articulation agreement (www.collegetransfer.net)
Rosedale Technical College	9	AD 100 (4.5), AD 101 (4.5)	Per local articulation agreement
Rosedale Technical College	10	R-101 (2.5), R-103 (2.5), R-104 (2.5), R-108 (2.5)	Per local articulation agreement
University of Northwestern Ohio	12	AU 126 (6), AU 127 (6)	Per local articulation Agreement
National Articulation	1 - 4	Varies based on post-secondary	Per NOCTI NCCRS

Updated January 23, 2023

List is a sampling of articulated credits. Visit www.collegetransfer.net or your counselor for the latest updates and details.
College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work

Suggested Pre-Requisites: Algebra I, Biology, Geometry, College Prep English I, Fundamental Computer Skills

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Scope and Sequence: Automotive Technology

CIP Code Number and Title: 47.0604 Automobile/Automotive

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (1080)		Career Exploration/Shop Orientation/Work Ethics (12)	S2 Safety Review (10)	Adv Electrical/ Electronic Systems (70)	Per Program of Study for Post-Secondary Institution			
		Safety Instruction (NATEF/ASE (40)	Systems/ Steering (60)	Suspension Engine Perform (90)				
		General Automotive Design/Construction (15)	Alignment (40)	Manual Drive Train and Axles (55)				
		Preventative Maintenance (110)	Computers/Beginning Electrical Theory/Elect. Systems	Automatic Transmission and Transaxle (50)				
		Steering and Suspension (46)	Using DVOM in Service Operations (30)	Computer/ Applications Math Communication				
		Applied Auto Mechanics Math I/Applied Communication	Beg Engine Performance (40)	School to work/Coop/ AYES Instruction (20)				
		Automotive Brake Systems (100)	Beg Engine Mechanical / Diagnostics (40)	PA State Safety Inspections (25)				
		Exhaust Systems (12)	Engine Overhaul (60)	PA State Emissions Inspection (20)				
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	Algebra I	Geometry	Algebra II	College Prep Math Recommended				
Science	Biology	Chemistry	Physics					
Humanities	Civics	U.S. History	Social Studies					

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Building Construction

Pennsylvania Department of Education CIP Code: 46.9999

Instructor:
John Brown | 412.847.1944
john.brown@beattietech.com

Dale Dankmyer | 412.847.1956
dale.dankmyer@beattietech.com

Industry Certifications

OSHA-10, Pennsylvania Builders, Highway Safety Zone

(Approximate Cost: $100)

Career Potential

Bright Outlook O-Net:
Median $20.09/Hour

Career Pathways

Carpentry Apprentice, Roofer, Drywall Hanger/Finisher, Mason, Plumber's/Electrician's Assistant, Rough Framer, Master Carpenter, Construction Estimator, Building Inspector, CAD Designer

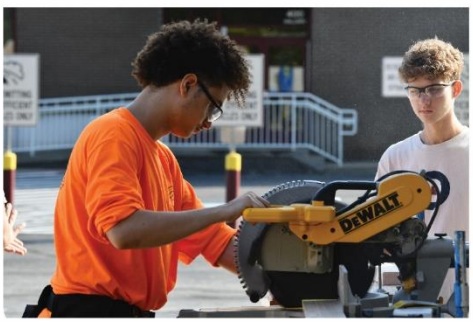
Students in this PBA (Pennsylvania Builders Association) endorsed program will receive classroom and hands-on training in carpentry, masonry, plumbing and residential wiring. Students also have the opportunity to join SkillsUSA, the NAHB (National Association of Home Builders) and the Builders Association of Metropolitan Pittsburgh where they can be involved in activities and competitions, as well as community projects that challenge the student during the year, preparing them for immediate employment. Students also have the opportunity to experience live work by taking part in the on-going project of building a modular home. Additionally, students will gain experience in the operations of fork lifts, scissor lifts and industrial rigging systems.

Class Requirements

The following is to be purchased by the student:
Appropriate Uniform Attire (Uniform Shirts, Work Jeans and Work Boots)
Hand Tools

Courses of Study

Hand and Power Tools, Blueprint Reading, Building Layout, Roof, Floor and Wall Framing, Exterior Finishes, Drywall Installation, Painting/Finishing, Masonry, Plumbing, Residential Wiring



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Building Construction
Program CIP Code:
46.9999

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Triangle Tech	2	CP 111 (2)	Per local agreement
National Articulation	1 - 4	Varies based on post-secondary	Per NOCTI NCCRS

Updated January 23, 2023

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College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work

Suggested Pre-Requisites: Active Listening, Critical Thinking, Time Management, Customer and Personal Service

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Scope and Sequence: Building Construction

CIP Code Number and Title: 46.9999 Construction Trades

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (1080)		Safety (10)	Ceiling and Roof Framing (80)	Masonry Applications (120)	Per Program of Study for Post-Secondary Institution			
		Carpentry Tools and Equipment (60)	Drywall Installation (120)	Plumbing (100)				
		Blueprint Reading/CAD (20)	Painting and Finishing (30)	Electrical (100)				
		Building Layout: Footers/Foundations Site Prep (30)	Interior Finish Trim (100)	Blueprint Reading/CAD Drawing (30)				
		Floor Framing (60)	Blueprint Reading/CAD (30)	Entrepreneurship (10)				
		Wall Framing (120)						
		Exterior Finishes (60)						
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	Algebra I	Algebra II	Geometry	College Prep Math				
Science	Biology	Chemistry	Physics					
Humanities	Civics	U.S. History	World History					

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Carpentry

Pennsylvania Department of Education CIP Code: 46.0201

Instructor:
Eric Carlini | 412.847.1943
eric.carlini@beattietech.com

Industry Certifications

OSHA-10, Pennsylvania Builders, Highway Safety Zone

(Approximate Cost: $150)

Career Potential

Bright Outlook O-Net: Median $20.09/Hour

Career Pathways

Carpentry Apprentice, Roofer, Drywall Hanger/Finisher, Mason, Plumber's/Electrician's Assistant, Rough Framer,Master Carpenter, Construction Estimator, Building Inspector

Students entering the Carpentry Program will receive classroom and hands on training in the safe use of hand and power tools, blueprint reading, floor, wall, and roof framing, interior and exterior finishing including: insulation, drywall, siding, and roofing. In this PBA (Pennsylvania Builders Association) endorsed program, students are prepared for the workplace by taking part in the ongoing project of building a modular home. Additionally, students will gain experience in fork lifts and industrial rigging systems.

Class Requirements

The following is to be purchased by the student: Appropriate Uniform Attire (Protective Shoes and Hand Tools)

Courses of Study

Tools and Equipment, Blueprint Reading, Building Layout, Floor, Wall and Root Framing, Exterior Finishes, Drywall Installation, Painting/Finishing

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Carpentry
Program CIP Code:
46.0201

ARTICULATION AGREEMENTS

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College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Delaware County Community College	9	TME 115 (3), CPT 102 (3), CPT 115 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Thaddeus Stevens College of Technology	9	CARP 106 (3), CARP 182 (3), CARP 111 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Triangle Tech	2	CP 111 (2)	Per local agreement
National Articulation	1 - 4	Varies based on post-secondary	Per NOCTI NCCRS

Updated January 23, 2023

List is a sampling of articulated credits. Visit www.collegetransfer.net or your counselor for the latest updates and details.
College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work

Suggested Pre-Requisites: Active Listening, Critical Thinking, Time Management, Customer and Personal Service

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Scope and Sequence: Carpentry

CIP Code Number and Title: 46.0201 Carpentry

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (720)			Safety (10)	Ceiling and Roof Framing	Per Program of Study for Post-Secondary Institution			
			Carpentry Tools and Equipment (60)	Drywall Installation (100)				
			Blueprint Reading (20)	Painting and Finishing (30)				
			Building Layout: Footers/ Foundation Site Prep (30)	Interior Finish Trim (80)				
			Floor Framing (60)	Blueprint Reading (30)				
			Wall Framing (120)	Masonry (40)				
			Exterior Finishes (60)					
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	College Prep Algebra I	College Prep Geometry	College Prep Algebra II	Trig or College Prep Math				
Science	College Prep Biology	College Prep Chemistry	College Prep Physics					
Humanities	College Prep Civics	College Prep U.S. History	College Prep World History					

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Computer Systems Technology & Cyber Security

Pennsylvania Department of Education CIP Code: 15.1202

Instructor:
Damian Zottoli, BA | 412.847.1952
damian.zottoli@beattietech.com

Industry Certifications

CompTIA A+, Microsoft Technology Associate, LabSim PC Pro

(Approximate Cost: $50)

Career Potential

Bright Outlook O-Net:
Median $17.58/Hour

Career Pathways

Field Service Technician, Maintenance Technician, Computer Repair Technician, Computer Support Technician, Quality Control Specialist, Technical Sales Consultant,Design Technician

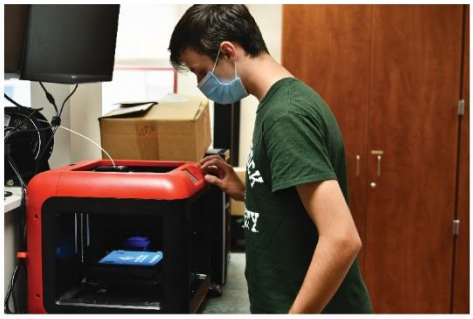
Are you interested in knowing how the Internet works? Are you familiar with the components and software aspects of a computer? Interested in pursuing a career in computers? Then you may be a candidate for Computer SystemsTechnology at A.W. Beattie Career Center. Building, maintaining, and troubleshooting computers and peripherals is part of the curriculum. Students will learn the basics of networking and will build Linux and Windows servers. They will also set up and maintain internet services. Students will participate in the Cisco Networking Academy and will practice using virtual simulations within the LabSim environment. Opportunities for work experiences in local businesses provide additional hands-on pratice.

Class Requirements

The following is to be purchased by the student: Tools to be purchased throughout the program

Courses of Study

Computer Subsystems and Components, Understanding the Boot System, Operating System Fundamentals, PC Operating Systems, Preventative Maintenance, Troubleshooting PC Hardware/Software, Computer Repair, Software and Driver Installation



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Computer Systems Technology & Cyber Security Program CIP Code: 15.1202

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
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College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Butler County Community College	10	COMP 101 (3), COMP 215 (4), COMP 244 (3)	Per local articulation agreement
Commonwealth Technical Institute	11	CS 2 (3), CS 4 (3), CS 14 (5)	Per POS statewide articulation agreement (www.collegetransfer.net)
Community College of Allegheny County	6	CIT 115 (3), CIT 150 (3)	Per STAR Program at CCAC
Community College of Beaver County	9	CIST 100 (3), CISW 101 (3), CISW 214 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Community College of Philadelphia	11	CIS 103 (3), CIS 105 (4), CIS 150 (4)	Per POS statewide articulation agreement (www.collegetransfer.net)
Pennsylvania Highlands Community College	9	CIT 165 (3), CIT 173 (3), CIT 196 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Pittsburgh Technical College: Computer Information Systems-Software Development	4	ITP 254 (4)	Per local articulation agreement
Pittsburgh Technical College: Informational Technology	9	ITA 106 (4), ITA 127 (5)	Per local articulation agreement
Reading Area Community College	9	IFT 100 (3), IFT 110 (3), NET 100 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Robert Morris University	3 to 12	INFS 1020 (3), Open Elective (3 to 6), possibly INFS 2151 (3) if student meets qualifications	Per local articulation agreement
National Articulation	1 - 4	Varies based on post-secondary	Per NOCTI NCCRS

Updated January 23, 2023

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College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work

Suggested Pre-Requisites: Algebra I, Biology, Geometry, College Prep English I, Fundamental Computer Skills

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Scope and Sequence: Computer Systems Technology

CIP Code Number and Title: 15.1202 Computer Technology

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (1080)		Intro to PC/Prod Software (60)	Network Fundamentals (60)	Linux Installation (120)	Per Program of Study for Post-Secondary Institution			
		Safety Procedures and Tool Use (60)	Security Fundamentals (30)	Linux Administration (120)				
		Computer Assembly (60)	Communication Skills (30)	Advanced NOS Administration (120)				
		Preventative Maintenance/Troubl e Shooting (60)	Advanced Personal Computers (30)					
		Operating Systems Fundamentals/Progr amming Concepts	Advanced Operating Systems (30)					
		Fundamentals of Laptops/Portable Devices/Printers (60)	Advanced Laptops and Portables (60)					
			Advanced Printers and Scanners (60)					
			Advanced Network & Security/Program ming Concepts (60)					
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	Algebra I	Algebra II	Geometry	College Prep Math (recommended)				
Science	Biology	Chemistry	Physics					
Humanities	Civics	U.S. History	Social Studies					

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Cosmetology

Pennsylvania Department of Education CIP Code: 12.0401

Licensed Cosmetology Instructors:

Cindy Cazin | 412.847.1928
cindy.cazin@beattietech.com

Joani Zelazowski | 412.847.1929
joani.zelazowski@beattietech.com

Sarah Christen | 412.847.1927
sarah.christen@beattietech.com

Industry Certifications

Pennsylvania State Cosmetology License, S/P2 Cosmetology Safety Certification

(Approximate Cost: $300)

Career Potential

Bright Outlook O-Net: Median $45,000

Career Pathways

Cosmetologist, Manicurist, Esthetician, Salon Owner/Manager, Platform Artist, Sales Representative, Cosmetology Teacher

The A.W. Beattie Training Salon provides qualified Cosmetology students with the opportunity to use their energy, skills, and imagination on clients from the community in a state-of-the-art cosmetology salon. Students will study care of hair, nails, and skin. They will learn the proper use of cosmetology tools and equipment, as well as techniques in hair cutting, styling, coloring, permanent waving, relaxing, manicuring, pedicuring and skin care. Students will also focus on professionalism and customer relations while preparing to test for their Pennsylvania State Cosmetologist License.

Class Requirements

The following is to be purchased by the student:

Cosmetology Kit
Appropriate Uniform
Study Guide
Exam Prep book

Courses of Study

Sanitation/Safety, Hair and Scalp Care, Hair Styling, Hair Shaping, Permanent Waving, Manicuring and Pedicuring, Skin Care/Facials, Hair Coloring, Ethnic Hair, State Board Preparation

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ARTICULATION AGREEMENTS

Cosmetology
Program CIP Code:
12.0401

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Community College of Allegheny County	6	BAR 104 (6)	Per STAR Program at CCAC
Douglas Education Center	18	CP 706 (4), CP 708 (3), CP 716 (3), CP 801 (6), CP 812 (2)	Per local articulation agreement
National Articulation		Varies on post-secondary	Per NOCTI NCCRS

Updated January 23, 2023

List is a sampling of articulated credits. Visit www.collegetransfer.net or your counselor for the latest updates and details.
College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work

Suggested Pre-Requisites: Algebra I, Biology, Geometry, English I, Fundamental Computer Skills

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Scope and Sequence: Cosmetology

CIP Code Number and Title: 12.0401 Cosmetology

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (1080)		Sanitation (40)	Hairstyling (57)	Hairstyling (24)	Per Program of Study for Post-Secondary Institution			
		Hair and Scalp Care (55)	Manicure & Pedicuring II (20)	Manicure & Pedicuring III (25)				
		Hairstyling (165)	Hair Cutting (75)	Hair Cutting/Hair Coloring (75)				
		Manicuring & Pedicuring I (50)	Chemical Hair Texture II (75)	Chemical Hair Texture III (75)				
		Chemical Hair Texture I (20)	Hair Coloring (80)	Skin Care/Facials (5)				
		Skin Care/Facials (20)	Skin Care/Facials (15)	Clinic (108)				
		Portfolio Development (10)	Clinic (28)	State Board Prep (28)				
			Portfolio Development (10)	Salon Management/ Portfolio (20)				
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	Algebra I	Geometry	Algebra II	College Prep Math (recommended)				
Science	Biology	Chemistry	Physics					
Humanities	Civics	U.S. History	Social Studies					

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Culinary Arts

Pennsylvania Department of Education CIP Code: 12.0508

Instructors:

Aaron Yurek, C.C|412.847.1933
aaron.yurek@beattietech.com

John Ellis, M.Ed.|412.847.1931
john.ellis@beattietech.com

Industry Certifications

ServSafe Food Safety,
S/P2 Work Place Safety, S/P2 Food Safety

(Approximate Cost: $125)

Career Potential

Bright Outlook O-Net:
Median $19.66/Hour

Career Pathways

Cook, Assistant Cook, Chef Apprentice, Food and Beverage Director, Catering Assistant, Executive Chef, Garde Manager, Restaurant Owner/ Manager, Catering Owner/Manager, Dietician

The A.W. Beattie Career Center Culinary Arts Department has built a solid reputation as one of the finest culinary programs throughout the state. The Beattie Restaurant, which is operated by students, serves breakfast and lunch to more than 150 people two days a week! The Bake Shop sells cookies, brownies, pies, cakes, and various pastries. Students learn all aspects of the restaurant business from meal planning, food preparation, baking and carving to dining room management and banquet serving. There are many job opportunities within the always-growing culinary industry. In this program, students practice their craft in a commercially equipped kitchen and bakery.

Class Requirements

The following is to be purchased by the student:
Uniform
Culinary Knives
Work Shoes
Class Binder

Courses of Study

Sanitary Procedures, Use and Cleaning of Equipment, Sauces, Soups & Stocks, Meat and Seafood Entrees, Side Dishes, Baked Goods, Organic Gardening, Food Preparation, Dining Room Service, Breakfast Productions,Sustainability, American Regional Cuisine, International Cuisine

For Additional Information on any of our programs, please visit www.beattietech.com
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Culinary Arts
Program CIP Code:
12.0508

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
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College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Allegany College of Maryland	9	CULA 150 (3), CULA 212 (3), HRMG 101 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Commonwealth Technical Institute	9	CA 010 (3), CA 060 (3), CA 101 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Community College of Allegheny County	12	CLR 100 (3), CLR 117 (3), CLR 201 (3), CLR 202 (3)	Per STAR program at CCAC
Delaware County Community College	9	CUL 115 (3), CUL 150 (3), HRM 110 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Harrisburg Area Community College- Harrisburg	9	CULI 107 (3), CULI 110 (3), CULI 125 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Luzerne County Community College	10	CUL 101 (5), HRM 102 (2), CUL 202 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Montgomery County Community College - Central Campus	10	CUL 101 (3), CUL 198 (1), CUL120 (3), CUL 298A (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Pennsylvania Highlands Community College	11	BUS 110 (3), CUL 137 (2), CUL 182 (3), CUL 151 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Pittsburgh Technical College: Baking and Pastry	3	CUL 111 (2), CUL 112 (1)	Per local articulation agreement
Pittsburgh Technical College: Culinary Arts	9	CUL 111 (2), CUL 112 (1), CUL 116 (2), CUL 146 (4)	Per local articulation agreement
Westmoreland County Community College- majoring in Baking and Pastry	9	FSM 103 (3), FSM 235 (3), CUL 104 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Westmoreland County Community College- majoring in Restaurant/Culinary Management	9	FSM 103 (3), FSM 235 (3), CUL 104 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
National Articulation	42008	Varies based on post-secondary	Per NOCTI NCCRS

Updated January 23, 2023

List is a sampling of articulated credits. Visit www.collegetransfer.net or your counselor for the latest updates and details.
College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures:	1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work
Suggested Pre-Requisites:	Algebra I, Biology, Geometry, English I, Fundamental Computer Skills

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Scope and Sequence: Culinary Arts

CIP Code Number and Title: 12.0508 Institutional Food Workers

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (1080)		Safety and Sanitary Procedures (35)	Safety and Sanitary Procedures (30)	Safety and Sanitary Procedures (30)	Per Program of Study for Post-Secondary Institution			
		Use and Clean Equipment (30)	Use and Clean Equipment (30)	Use and Clean Equipment (15)				
		Recipe Weights, Measurement Equivalents and Conversions	Recipe Weights, Measurement Equivalents and Conversions	Recipe Weights, Measurement Equivalents and Conversions				
		Dining Room Service, Breakfast Production (40)	Dining Room Service, Breakfast Production (68)	Dining Room Service, Breakfast Production (60)				
		Salads, Soups and Stocks, Sauces and Gravy (39)	Salads, Soups and Stocks, Sauces and Gravy (47)	Salads, Soups and Stocks, Sauces and Gravy (42)				
		Food Preparation, Entrees (75)	Food Preparation, Entrees (65)	Food Preparation, Entrees (80)				
		Pastries, Misc. Baked Goods, Finish & Merchandise (10)	Pastries, Misc. Baked Goods, Finish & Merchandise (9)	Pastries, Misc. Baked Goods, Finish & Merchandise (10)				
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	Algebra I	Geometry	Algebra II	College Prep Math				
Science	Biology	Chemistry	Physics					
Humanities	Civics	U.S. History	Social Studies					

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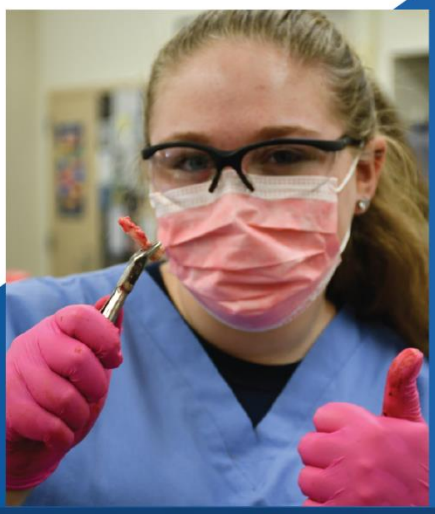
Dental Careers

Pennsylvania Department of Education CIP Code: 51.0601

Instructor:
Paula Gibson, CPhT, CDA, EMT | 412.847.1936
paula.gibson@beattietech.com



Industry Certifications

National Entry Level Dental Assistant (NELDA), American Heart Association BLS , Healthcare Provider CPR, American Heart Association Heart Saver First Aid, HIPAA

(Approximate Cost: $75)

Career Potential

Bright Outlook O-Net:
Median $15.82/Hour

Career Pathways

Dental Receptionist, Dental Hygienist, Dental Assistant, Dental Technician Infection Control Manager, Dentist, Sales Representative

Dental Careers provides students with the necessary skills for employment in Dental Assisting, Lab Technician, Infection Control Assistant, and many more opportunities within the dental industry. Seniors may participate in hands-on work experiences in dental offices, learning and assisting in four-handed dentistry, chair-side assisting, administrative skills and other techniques. Students will prepare to test for their PA Dental Radiology Certification. Students learn the latest techniques including digital x-ray.

Class Requirements

The following is to be purchased by the student:
White Shoes, Scrubs
Watch with second hand
Colored Pencils

Courses of Study

Aseptic Procedures, Dental Materials, Dental Equipment Maintenance, Clinic Support Procedures, Dental Laboratory Procedures, Anatomy/Histomorphology, Pharmacology Procedures, Radiology Procedures

For Additional Information on any of our programs, please visit www.beattietech.com
A.W. Beattie Career Center is an Equal Opportunity Educational Institution.

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Dental Careers
Program CIP Code:
51.0601

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Community College of Allegheny College	3	BIO 103 (3)	Completion of dual enrollment course taken at A. W. Beattie Career Center
National Articulation	1 - 4	Varies based on post-secondary	Per NOCTI NCCRS

Updated January 23, 2023

List is a sampling of articulated credits. Visit www.collegetransfer.net or your counselor for the latest updates and details.
College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work

Suggested Pre-Requisites: Algebra I, Biology, Geometry, College Prep English I, Fundamental Computer Skills

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Scope and Sequence: Dental Careers

CIP Code Number and Title: 51.0601 Dental Assisting

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (1080)		Introduction to Dentistry (30)	Infection Control (10)	Infection Control (5)	Per Program of Study for Post-Secondary Institution			
		Infection Control (70)	Safety/Ethics/ Office Procedures (50)	Safety/Ethics/ Office Procedures (80)				
		Safety/Ethics (85)	Anatomy (25)	Anatomy (10)				
		Anatomy (75)	Pharmacology (25)	Pharmacology (55)				
		Radiology (25)	Radiology (40)	Radiology (50)				
		Operative Procedures (30)	Operative Procedures (55)	Operative Procedures (50)				
		Office Procedures (25)	Materials/Lab (105)	Materials/Lab (50)				
		Materials/Lab (20)	Specialties (50)	Specialties (60)				
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	Algebra I	Algebra II	Geometry	College Prep Math (recommended)				
Science	Biology	Chemistry	Physics					
Humanities	Civics	U.S. History	World History					

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Early Childhood Education

Pennsylvania Department of Education CIP Code: 19.0708

Instructor:
Cari Ludwig, M.Ed. | 412.847.1926
cari.ludwig@beattietech.com

Industry Certifications

CDA Ready, American Red Cross Adult, Child and Infant CPR, American Heart Association Heart Saver First Aid, ServSafe Food Safety, Child Abuse Report Training

(Approximate Cost: $30)

Career Potential

Bright Outlook O-Net:
Median $30.73/Hour

Career Pathways

Elementary Teacher, Preschool Teacher, Child Care Aide,Child Care Director, Assistant Group Supervisor, Teacher Assistant, Nanny, Child Care Instructor, Child Care Owner/Operator

Qualified Students in Early Childhood Education may qualify to experience the opportunity to apply their child development and teaching skills daily, working with children in the on-site Kiddie Tech Child Care Center. In addition to a variety of classroom activities, students learn hands-on with infants, toddlers, and preschool age children. Students present a series of learning and developmental activities to pre-school children, practicing and refining their creative teaching skills, as well as learning the basics in caring for and managing children. In partnership with Junior Achievement, students may have the opportunity to teach in classrooms in local school districts.

Class Requirements

The following is to be purchased by the student: Current Physical, TB Test, Drug Screen, Act 34 & Act 151 Clearances

Courses of Study

Safe/healthy learning environment, Children's physical and intellectual competence, Social/emotional development, Positive guidance techniques, Positive/productive relationships Well-run purposeful programs professionalism, Clinical experience with infants, toddlers, preschool and school age children.

For Additional Information on any of our programs, please visit www.beattietech.com

A.W. Beattie Career Center is an Equal Opportunity Educational Institution.

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Early Childhood Education
Program CIP Code:
19.0708

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Carlow University	12	EC 200 (3), EC 201 (3), EC 207 (3), EC 311 (3)	Upon completion of dual enrollment program at A. W. Beattie Career Center
Community College of Allegheny County	6	ECD 104 (3), ECD 107 (3)	Per STAR Program at CCAC
Community College of Beaver County	9	ERCH 105 (3), ERCH 100 (3), ERCH 101 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Harcum College	9	EDU 120 (3), EDU 227 (3), EDU 212 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Luzerne County Community College	9	ECE 205 (3), ECE 100 (3), ECE 201 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Reading Area Community College	9	ECE 140 (3), ECE 115 (3), ECE 105 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Waynesburg University	6	ECE 105 (3), SPE 111 (3)	Per local articulation agreement
National Articulation	1 - 4	Varies based on post-secondary	Per NOCTI NCCRS

Updated January 23, 2023

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College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures:	1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work
Suggested Pre-Requisites:	Algebra I, Biology, Geometry, College Prep English I, Fundamental Computer Skills

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Scope and Sequence: Early Childhood Education

CIP Code Number and Title: 19.0708 Child Care and Support Services Management

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (1080)		Orientation and Work (20)	Orientation and Work (20)	Orientation and Work (10)	Per Program of Study for Post-Secondary Institution			
		Healthy Learning Environment (90)	Healthy Learning Environment (70)	Healthy Learning Env. (40)				
		Advancing Phys/Intellectual Competence (70)	Advancing Phys/Intellectual Competence (70)	Advancing Phys/Intellectual Competence (50)				
		Establishing Positive/Productive Family Relationships	Establishing Positive/ Productive Family Relationships	Establish Positive/ Productive Family Relationships				
		Ensure Well-Run Program (50)	Ensure Well-Run Program (40)	Ensure Well-Run Program (30)				
		Professionalism (10)	Professionalism (40)	Professionalism (60)				
		Clinical (100)	Clinical (100)	Clinical (140)				
English	College Prep English I	College Prep English II	College Prep English III	College Prep English III				
Math	College Prep Algebra I	College Prep Geometry	College Prep Algebra II					
Science	College Prep Biology	College Prep Chemistry	College Prep Physics					
Humanities	College Prep Civics	College Prep U.S. History	College Prep World History					

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Emergency Response Technology

Pennsylvania Department of Education CIP Code: 43.9999

Instructor:
Lee Silnutzer, EMT, AS | 412.847.1938
lee.silnutzer@beattietech.com

Industry Certifications

Emergency Medical Technician, BLS Health Care Provider, National Incident Management Systems, Highway Safety Zone, HIPAA

(Approximate Cost: $50)

Career Potential

Bright Outlook O-Net: Median $14.38/ Hour

Career Pathways

Firefighter, Emergency Medical Responder, Emergency Medical Technician, Security Guard, Dispatcher, Paramedic, Fire Marshall/Inspector, Law Enforcement Officer, Emergency Management Specialist, Hospital-based Technicians

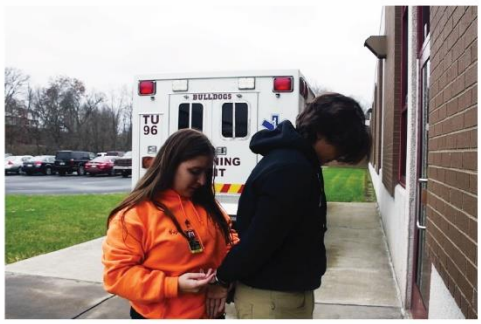
Emergency Response Technology challenges students with exciting hands-on training in a fully equipped on-site lab, as well as field trips to local Police and Fire Academies throughout the school year. Students study several technical fields including police science, fire science, rescue operations, hazardous materials, and emergency medical services. Training for the Emergency Medical Technician Certification, among several other certifications at A.W. Beattie Career Center, will prepare students for immediate employment and post-secondary opportunities in the growing Emergency Response industry.

Class Requirements

The following is to be purchased by the student:
Appropriate Uniform

Courses of Study

Law Enforcement, Communication, Crime Scene Management, Ladders and Rescue, Patrol Activities, Emergency Child Birth, Emergency Medical Services, Salvage and Overhaul, First Aid/CPR, Patient Assessment and Treatment, Fire Fighting



For Additional Information on any of our programs, please visit www.beattietech.com
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Emergency Response Technology
Program CIP Code: 43.9999

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Community College of Allegheny County: Criminal Justice and Criminology	6	CJC 102 (3), CJC 206 (3)	Per STAR Program at CCAC
Community College of Allegheny County: Homeland Security	6	HLS 101 (3), FSA 102 (3)	Per STAR Program at CCAC
Harrisburg Area Community College	9	CJ 106 (3), CJ 101 (3), CJ 104 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Lackawanna College	12	CJS 125 (3), CJS 105 (3), CJS 205 (3), CHS 215 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
La Roche University	6	CRIM 1000 (3), CRIM 1001 (3)	Per local articulation agreement
Pennsylvania Highlands Community College	9	CRJ 110 (3), CRJ 115 (3), CRJ 105 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Pittsburgh Technical College: Criminal Justice	12	CJU 100 (4), CJU 110 (4), CJU 120 (4)	Per local articulation agreement
Robert Morris University	6 to 9	CRMJ 1010 (3), Open Elective (3), possibly CRMJ 2020 (3) if student meets qualifications	Per local articulation agreement
National Articulation	1 - 4	Varies based on post-secondary	Per NOCTI NCCRS

Updated January 23, 2023

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College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work

Suggested Pre-Requisites: Algebra I, Biology, Geometry, College Prep English I, Fundamental Computer Skills

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Scope and Sequence: Emergency Response Technology

CIP Code Number and Title: 43.9999 Homeland Security, Law Enforcement and Related

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (1080)		Law: Searches (60)	EMS: Trauma Patient Treatment (60)	Fire: Ventilations, Salvage, Overhaul (30)	Per Program of Study for Post-Secondary Institution			
		Law: Crime Scene Management (80)	EMS: Medical Patient Treatment (60)	Ladders and Rescues (30)				
		Law: Patrol Activities (20)	EMS: Childbirth (60)	Fire: Knots and Ropes (30)				
		Law: Defense (30)	EMS: Lifting and Moving Patients (20)	Fire: Fire Suppression (50)				
		Law: Vehicle Stops (50)	EMS: Paramedic Skills (60)	Fire: Fire Prevention (60)				
		Law: Fingerprinting (20)	EMS: Communication (40)	Tools and Equipment (60)				
		Law: Communication (20)	FIRE: SCBA (60)	Fire: Communications (70)				
		Law: CPR & Patient Assessment (80)		Business Community/Leadership (30)				
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	Algebra I	Geometry	Algebra II	College Prep Math				
Science	Biology	Chemistry	Physics					
Humanities	Civics	US History	Social Studies					

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Health and Nursing Sciences

Pennsylvania Department of Education CIP Code: 51.9999

Instructors:

Sarah Dietz, MSN, RN-BC| 412.847.1937
sarah.dietz@beattietech.com

Douglas Moran, BSN, RN| 412.847.1939
douglas.moran@beattietech.com

Industry Certifications

Patient Care Technician, Stop the Bleed, CPR with AED, OSHA, HIPAA, First Aid, Medical Assistant

(Approximate Cost: $100)

Career Potential

Bright Outlook O-Net:
Median $43.36/Hour

Career Pathways

Patient Care Tech, Medical Assistant, Nursing Assistant, License Practical Nurse, Registered Nurse, Physician Assistants, and more.

Today's medical field is rapidly growing. Now, more than ever, health care professionals are in high demand and are essential employees. The Health and Nursing Science core curriculum will prepare students for future success in the health care industry.

Students will have the opportunity to obtain health care certifications. During the program, students will learn and develop essential hands-on clinical skills that are imperative for health care. Students will also have the opportunity to engage in clinicals in a nursing home, hospital, and/or doctor's office setting. This will allow students to experience health care professionals in action and help students identify which career they want to pursue.

Class Requirements

Contact our Instructors

Courses of Study

Anatomy, Physiology, Pathophysiology, Medical Terminology, Patient Safety, Basic Clinical Skills, Patient Care Tech Skills, and Medical Assistant Skills.

For Additional Information on any of our programs, please visit www.beattietech.com

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Health and Nursing Sciences
Program CIP Code:
51.9999

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Community College of Allegheny College	3	BIO 103 (3)	Upon completion of dual enrollment course at A. W. Beattie Career Center
Community College of Allegheny County	3	PHL-205 (3)	Per STAR Program at CCAC
La Roche University	3	BIOL 1021 (3)	Per local articulation agreement
Pierce College	9	SCI 240 (3), HIT 100 (3), SCI 250 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Robert Morris University	6 to 9	HLSC 1010 (3), Open Elective (3 to 6)	Per local articulation agreement
National Articulation	1 - 4	Varies based on post-secondary	Per NOCTI NCCRS

Updated January 23, 2023

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College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work

Suggested Prerequisites: Algebra I, Biology, Geometry, College Prep English I, Fundamental Computer Skills

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Scope and Sequence: Health and Nursing Sciences

CIP Code Number and Title: 51.9999 Health Professions and Related Clinical Sciences

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (1080)		Anatomy and Physiology (130)	Clinical Procedures (60)	Basic Nursing Skills III (60)	Per Program of Study for Post-Secondary Institution			
		Clinical Procedures (30)	Basic Nursing Skills II (80)	Care of Dying (10)				
		Communication Skills (20)	Disease Conditions (10)	Social Services/Mental Health (45)				
		Safety/Emergency Procedures (50)	Nurse Aide Training (150)	Care of Cognitively Impaired (20)				
		Basic Nursing Skills I (50)	Business Administration (50)	Restorative Care (10)				
		Restorative Care (30)	Restorative Care (30)	Home Health Assistant (30)				
		Infection Control (50)	Communication Skills (30)	Clinical Procedures (60)				
			Safety/ Emergency Procedures (25)	Business Administration (50)				
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	Algebra I	Geometry	Algebra II	trigonometry				
				Pre-calculus				
Science	Biology with lab	Chemistry with lab	Physics					
Humanities	Civics	U.S. History	World History					

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HVAC

Pennsylvania Department of Education CIP Code: 47.0201

Instructors:

Roy Hughes | 412.847.1946
roy.hughes@beattietech.com

Charles Wike | 412.847.1945
charles.wike@beattietech.com

Dale Dankmyer | 412.847.1956
dale.dankmyer@beattietech.com

Industry Certifications

EPA 608
OSHA-10

(Approximate Cost: $150)

Career Potential

Bright Outlook O-Net:
Median $21.68/Hour

Career Pathways

Service Technician, Installation Technician, Union Apprenticeship, Refrigeration Mechanic Air-Conditioning Technician, Electrician, Plumber

Heating, Ventilation, and Air-Conditioning trains students with the necessary skills to become qualified technicians and mechanics. Students learn heating installation and service, air-conditioning. Installation and service, plumbing, electrical wiring, refrigeration and sheet metal fabrication. Students will put these skills into use when they participate in the plumbing, ventilating, and wiring of the Beattie modular home. They also test for their EPA Certification at A.W. Beattie Career Center, helping them to ensure immediate employment opportunities. Additionally, students will gain experience in the operations of fork lifts, scissor lifts and industrial rigging systems.

Class Requirements

The following is to be purchased by the student: Appropriate Uniform, Appropriate Shoes, Protective Eyewear, 3 Ring Binder

Courses of Study

Basic Plumbing, Tools and Equipment, Electricity, Residential Electrical Wiring, Gas-Forced Air Furnaces,Hydronic Heating, Fabricated Duct Systems, Air Distribution Systems, System Design,EPA Reclaiming Certification

For Additional Information on any of our programs, please visit www.beattietech.com

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Heating, Ventilation and Air-Conditioning
Program CIP Code: 47.0201

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Community College of Allegheny County	10	HAC 101 (5), HAC 201 (5)	Per POS statewide articulation agreement (www.collegetransfer.net)
Delaware County Community College	9	HVA 101 (2), HVA 100 (2), HVA 203 (3), HVA 106 (2)	Per POS statewide articulation agreement (www.collegetransfer.net)
Greater Altoona Career and Technology Center	9	HC 1-1 (7), HC 6 (2)	Per POS statewide articulation agreement (www.collegetransfer.net)
Johnson College	10	ART 110 (3), BTT 151 (2), BTT 152 (1), BTT 149 (1), BTT 103 (1), BTT 104 (2)	Per POS statewide articulation agreement (www.collegetransfer.net)
Luzerne County Community College	11	PLH 108 (3), HAC 101 (4), PLH 112 (4)	Per POS statewide articulation agreement (www.collegetransfer.net)
Northampton County Area Community College	9	EMEC 114 (2), ELTC 101 (3), HVAC 101 (4)	Per POS statewide articulation agreement (www.collegetransfer.net)
Pittsburgh Technical College	10	HVA 109 (5), HVA 134 (5)	Per local articulation agreement
Rosedale Technical College	9.5	HD 101 (3), HD 104 (2.5), HD 205 (2.5)	Per POS statewide articulation agreement (www.collegetransfer.net)
Rosedale Technical College	13	R104 (4.5), H101 (4.5), H104 (4)	Per local articulation agreement
Rosedale Technical College	10	R-101 (2.5), R-103 (2.5), R-104 (2.5), R-108 (2.5)	Per local articulation agreement
Thaddeus Stevens College of Technology	10	HVAC 126 (1), HVAC 130 (1), HVAC 122 (1.5), HAVC 150 (3), HVAC 146 (2), HVAC 142 (1.5)	Per POS statewide articulation agreement (www.collegetransfer.net)
Triangle Tech	7	RH 111 (2), RH 232 (3), RH 235 (2)	Per local articulation agreement
UNOH	6	HV 110 (6)	Per local articulation agreement
Westmoreland County Community College	10	HAC 101 (4), HAC 250 (4), HAC 170 (2)	Per POS statewide articulation agreement (www.collegetransfer.net)
National Articulation	1 - 4	Varies based on post-secondary	Per NOCTI NCCRS

Updated January 23, 2023

List is a sampling of articulated credits. Visit www.collegetransfer.net or your counselor for the latest updates and details.
College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work

Suggested Pre-Requisites: Algebra I, Biology, Geometry, College Prep English I, Fundamental Computer Skills

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Scope and Sequence: Heating, Ventilation and Air-Conditioning

CIP Code Number and Title: 47.0201 Heating, Air Conditioning, Ventilation and Refrigeration

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (1080)		Plumbing (80)	Fabricated Duct Systems (50)	Electrical and EPA Reclaiming Cert (70)	Per Program of Study for Post-Secondary Institution			
		Power and Hand Tools (70)	Drain Line Installation (50)	Gas Forced Air Furnaces (10)				
		Electrical (110)	Gas Forced Air Furnaces (80)	Oil Fired Furnaces (50)				
		Fabricated Duct Systems (70)	Designing Systems (30)	Hydronic Heating (30)				
		EPA Reclaiming Certification (30)	EPA Reclaiming Certification (30)	Air Distribution Systems and Designing Systems (80)				
			Basic Refrigeration Systems (30)	Basic Refrigeration Systems (50)				
			Domestic Air Conditioning Systems (60)	Air Conditioning Systems (10)				
			Welding and Electrical (30)	Heat Pumps (60)				
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	Algebra I	Algebra II	Geometry	College Prep Math				
Science	Biology	Chemistry	Physics					
Humanities	Civics	U.S. History	World History					

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Introduction to Pharmacy

Pennsylvania Department of Education CIP Code: 51.9999
U.S. Department of Education CIP Code: 51.0805

Instructor:
Paula Gibson, CPhT, CDA,EMT | 412.847.1936
paula.gibson@beattietech.com

Industry Certifications

American Heart Association BCS, Healthcare Provide CPR, American Heart Association Heartsaver First Aid, Career Safe/OSHA10, NHA ExCPT Certification Exam

(Approximate Cost: $100)

Career Potential

Bright Outlook O-Net: Median $18.82/Hour

Independent Pharmacy, Corporation Distribution Center, Retail Chain, Local & National, Senior Living Community, Hospital Setting, Research Institution, Pharmacy Aide, Pharmacy Technician

The Introduction to Pharmacy Program will provide twelfth grade students the opportunity to jump start their post-secondary training and work towards a career with increased employment opportunities over the next ten years. Students will learn compounding formulas and ratios, laws and regulations of the industry, participate in module lab work, practice sterilization skills with industry equipment, and demonstrate proficiency as required by industry standards. Student instruction includes the Pass Assured interactive pharmacy training and test preparation for the Pharmacy Technician certification exam. Students will participate in mock simulations and gain hands on experience within the community. Students will be required to pass a physical, TB test and criminal background check. The program is limited to twelfth grade students.

Class Requirements

The following is to be purchased by the student:
USB Storage Drive
Uniform
Scientific Calculator

Courses of Study

Customer Service Skills, Infection Control, Pharmacy Recording Keeping, Pharmacy Law & Ethics, Compounded Formulas, Package and Labeling, Medication Dispensing Techniques, Drug Interactions

For Additional Information on any of our programs, please visit www.beattietech.com

A.W. Beattie Career Center is an Equal Opportunity Educational Institution.

Introduction to Pharmacy
Program CIP Code:
51.0805

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Community College of Allegheny College	3	BIO 103 (3)	Upon completion of dual enrollment course taken at A. W. Beattie Career Center
		Articulation agreements are under development	

Updated January 23, 2023

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College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work

Suggested Pre-Requisites: Algebra I, Biology, Geometry, College Prep English I, Fundamental Computer Skills

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Scope and Sequence: Introduction to Pharmacy

CIP Code Number and Title: 51.0805 Pharmacy Assistant/Technician

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (360)				Orientation and Safety and CPR/First Aid/Portfolio (65)	Per Program of Study for Post-Secondary Institution			
				Introduction to Pharm Tech (40)				
				Regulation and Duties (40)				
				Controlled Substances (45)				
				Laws & Regulations (45)				
				Drug and Drug Therapy (45)				
				Prescription Information (40)				
				Preparing and Dispensing (40)				
English	College Prep English I	College Prep English II	College Prep English II	College Prep English IV				
	College Prep Comm I	College Prep Comm II	College Prep Comm III	College Prep Comm IV				
Math	College Prep Algebra I	College Prep Geometry	College Prep Algebra II	College Prep Pre-Calculus				
	College Prep Applied I	College Prep Algebra I	College Prep Geometry	College Prep Algebra II				
Science	Physical Science	Biology w/ Lab	Chemistry w/Lab	Physics				
	Physical Science	Biology	Principals of Technology	Physical Science II				
	Physical Science	Biology	Chemistry	Physical Science II				
Humanities	Civics	World Cultures	American History	Problems of Democracy				

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Network Engineering Technology & Cyber Security

Pennsylvania Department of Education CIP Code: 11.0901

Instructor:
Damian Zottoli, BA | 412.847.1952
damian.zottoli@beattietech.com

Industry Certifications

Cisco Certified Entry Level Network Technician
CompTIA A+
Microsoft Technology Associate
LabSim Network Pro

(Approximate Cost: $50)

Career Potential

Bright Outlook O-Net:
Median $34.96/Hour

Career Pathways

Network Technician, Help Desk, Network Installer, Router Programmer, Computer Network Engineer, Network Analyst, System Administrator

Are you interested in knowing how the Internet works? Are you familiar with the components and software aspects of a computer? Interested in pursuing a career in computers? Then you may be a candidate for Network Engineering Technology at A.W. Beattie Career Center. Students will construct various types of network cables, install network interface cards and drivers, and setup both peer-to-peer and client/server networks and work within several server platforms. Each semester students receive a completion certificate from the Cisco Academy. Students completing the two-year program will be eligible to test for either the Cisco Certified Network Associate or the Cisco Certified Entry-level Network Technician Certifications. Students with either the CCNA or CCENT certifications receive preference when seeking employment. Articulations with colleges and universities may enable students to receive college credits for their work at A.W. Beattie Career Center.

Class Requirements

The following is to be purchased by the student: Tools to be purchased throughout the program

Courses of Study

The OSI Model, Local Area Networks (LAN), Wide Area Networks (WAN), Network Design/Documentation, Structured Cabling, TCP/IP, Routing/Addressing Protocols, WANs and Routers, Network Management

For Additional Information on any of our programs, please visit www.beattietech.com
A.W. Beattie Career Center is an Equal Opportunity Educational Institution.

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Network Engineering Technology
Program CIP Code: 11.0901

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Bucks County Community College	12	CISC 128 (4), CISC 143 (4), CISC 201 (4)	Per POS statewide articulation agreement (www.collegetransfer.net)
Butler County Community College	10	COMP 101 (3), COMP 211 (3), COMP 215 (4)	Per POS statewide articulation agreement (www.collegetransfer.net)
Community College of Allegheny County	9	CIT 115 (3), CIT 150 (3), CIT 120 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Community College of Beaver County	10	CISN 100 (5), CISN 110 (5)	Per POS statewide articulation agreement (www.collegetransfer.net)
Community College of Philadelphia	11	CIS 103 (3), CIS 105 (4), CIS 150 (4)	Per POS statewide articulation agreement (www.collegetransfer.net)
Delaware County Community College	9	NET 110 (3), CS 127 (3), CS 128 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Harrisburg Area Community College in Harrisburg	10	ELEC 126 (4), ELEC 125 (3), CIS 128 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Johnson College	10	CIT 181 (2), CIT 182 (2), CIT 183 (2), CIT 184 (1), CIT 185 (2), CIT 186 (1)	Per POS statewide articulation agreement (www.collegetransfer.net)
La Roche University	6	ISTC 1025 (3), General Elective (3)	Per local articulation agreement
Luzerne County Community College	9	CST 215 (3), CST 103 (3), CST 105 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Northampton County Area Community College	10	CISC 100 (4), CISC 136 (4), CISC 137 (2)	Per POS statewide articulation agreement (www.collegetransfer.net)
Pittsburgh Technical College: Information Technology	9	ITA 106 (4), ITA 127 (5)	Per local articulation agreement
Pittsburgh Technical College: Computer Information Systems	4	ITP 254 (4)	Per local articulation agreement
Reading Area Community College	9	IFT 100 (3), NET 100 (3), WEB 100 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Robert Morris University	3 to 12	INFS 1020 (3), Open Elective (3 to 6), possibly INFS 2151 (3) if student meets qualifications	Per local articulation agreement
Thaddeus Stevens College of Technology	9	CNSA 111 (3), CNSA 117 (3), CNSA 107 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Westmoreland County Community College	9	CPT 248 (3), CPT 145 (3), CPT 182 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
National Articulation	1 - 4	Varies based on post-secondary	Per NOCTI NCCRS

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Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work

Suggested Pre-Requisites: Algebra I, Biology, Geometry, College Prep English I, Fundamental Computer Skills

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Scope and Sequence: Network Engineering Technology

CIP Code Number and Title: 11.0901 Computer Systems Networking

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (1080)		Computer Basics (60)	TCP/IP Fundamentals (80)	Advanced TCP/IP and ACL (50)	Per Program of Study for Post-Secondary Institution			
		OSI Model (60)	Routing Fundamentals (70)	Classless Routing (50)				
		Network Media (60)	Cisco Routing Fundamentals (70)	Advanced Routing Protocols (50)				
		Electronics (60)	Packet Routing and Routing Protocols (70)	Switching Concepts and Operations (50)				
		Cabling LAN and WAN (60)	Router Troubleshooting (70)	Virtual LANs and VTP (40)				
		LAN Fundamentals (60)		Scaling IP Addresses (40)				
				Wan Technologies (40)				
				Network Management (40)				
English	College Prep English I	College Prep English II	College Prep English II	College Prep English IV				
	College Prep Comm I	College Prep Comm II	College Prep Comm III	College Prep Comm IV				
Math	College Prep Algebra I	College Prep Geometry	College Prep Algebra II	College Prep Pre Calc				
	College Prep Applied I	College Prep Algebra I	College Prep Geometry	College Prep Algebra II				
Science	Physical Science	Biology w/Lab	Chemistry w/Lab	Physics				
	Physical Science	Biology	Principals of Technology	Physical Science II				
	Physical Science	Biology	Chemistry	Physical Science II				
Humanities	Civics	World Cultures	American History	Problems of Democracy				

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Pastry Arts

Pennsylvania Department of Education CIP Code: 12.0501

Instructor:
Ken Morehead | 412.847.1932
ken.morehead@beattietech.com

Industry Certifications

ServSafe Food Safety
S/P2

(Approximate Cost: $100)

Career Potential

Bright Outlook O-Net:
Median $11.70/Hour

Career Pathways

Baker, Pastry Chef, Bakery Owner/Manager, Catering Owner/Manager,Assistant Pastry Chef, Catering Assistant, Artisan Baker, Cake Decorator

Pastry Arts provides students with an opportunity to learn all functions of a commercial bakery while perfecting their creative pastry skills. Students keep the bakery cases, located in the Beattie Dining Room stocked full of cakes, cookies, pies, brownies, breakfast pastries and a variety of specialty breads and rolls. Students receive quality training in our fully equipped Pastry Arts lab, learning everything from baked goods preparation to merchandising and dining room service. There are classroom demonstrations from industry professionals throughout the school year, as well as field trips to local bakeries and restaurants. Students also prepare special orders for holidays, weddings and special events during the year.

Class Requirements

The following is to be purchased by the student: Appropriate Uniform and Equipment

Courses of Study

Sanitary Procedures, Use and Cleaning of Equipment, Weights, Measurements & Recipes, Preparing Cookies, Preparing Quick Breads, Preparing Pies and Fillings, Finishing Baked Goods, Merchandising Baked Goods

For Additional Information on any of our programs, please visit www.beattietech.com
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Pastry Arts
Program CIP Code:
12.0501

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Community College of Allegheny County: Culinary Arts	9	CLR 110 (3), CLR 201 (3), CLR 210 (3)	Per STAR Program at CCAC
Delaware County Community College	9	CUL 150 (3), CUL 151 (3), CUL 220 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Luzerne County Community College	9	CUL 101 (5), PAS 111 (4)	Per POS statewide articulation agreement (www.collegetransfer.net)
Pennsylvania Highlands Community College	9	BUS 110 (3), CUL 185 (3), CUL 151 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Pittsburgh Technical College: Baking and Pastry	3	CUL 111 (2), CUL 112 (1)	Per local articulation agreement
Pittsburgh Technical College: Culinary Arts	9	CUL 111 (2), CUL 112 (1), CUL 116 (2), CUL 146 (4)	Per local articulation agreement
Westmoreland County Community College	9	FSM 103 (3), FSM 235 (3), CUL 104 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
National Articulation	1 - 4	Varies based on post-secondary	Per NOCTI NCCRS

Updated January 23, 2023

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Grading Procedures:	1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work
Suggested Pre-Requisites:	Algebra I, Biology I, Fundamental Computer Skills

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Scope and Sequence: Pastry Arts

CIP Code Number and Title: 12.0501 Baking and Pastry

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (720)			Hospitality and Baking Industry (8)	Using Sanitary Procedures, Using and Cleaning Equipment	Per Program of Study for Post-Secondary Institution			
			Using Sanitary Procedures, Using and Cleaning of Equipment	Measurement Equivalents (45)				
			Measurement Equivalents (48)	Preparing Cookies (39)				
			Preparing Cookies (39)	Preparing Quick Breads (20)				
			Preparing Quick Breads (20)	Preparing Pastries, Pies (82)				
			Preparing Pastries, Pies (82)	Finishing Baked Goods (45)				
			Finishing Baked Goods (57)	Merchandising, Communication (73)				
			Merchandising, Communication (54)					
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	College Prep Algebra I	College Prep Algebra II	College Prep Geometry	College Prep Math				
Science	College Prep Biology	College Prep Chemistry	College Prep Physics					
Humanities	Civics	World Cultures	American History					

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Robotics Engineering Technology

Pennsylvania Department of Education CIP Code: 15.0303

Instructor:
Mike Purucker, M.S. | 412.847.1953
mike.purucker@beattietech.com

Industry Certifications

OSHA-10,
ARM Institute SMART Certification

(Approximate Cost: $30)

Career Potential

Bright Outlook O-Net:
Median $24.61/Hour

Career Pathways

Electrical engineer/technician, Mechanical engineer/technician, Mechatronics engineer/technician, Robotics engineer/technician, CNC tool programmer, Machinist,

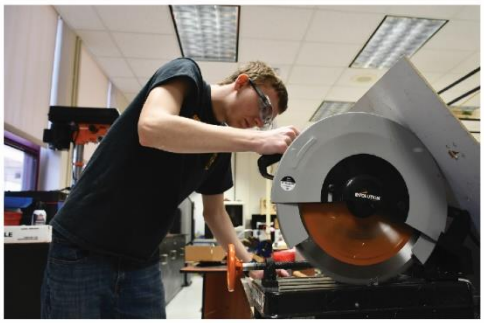
Students interested in the most recent, innovative technology have an opportunity for training in the Robotics Industry and Advanced Manufacturing. Through a partnership with the Technology Collaborative, California University of Pennsylvania, and support from Carnegie Mellon University, students move through a series of introductory activities into advanced design and control challenges using curriculum developed through the National Robotics Engineering Center. Students study robotics technology case studies and participate in hands-on lab experiences. Due to the broad application of Robotics, numerous employment opportunities exist in the Pittsburgh area and nationally. Students develop skills related to electronics, agile robotics, 3D modeling, coding, programming and engineering systems.

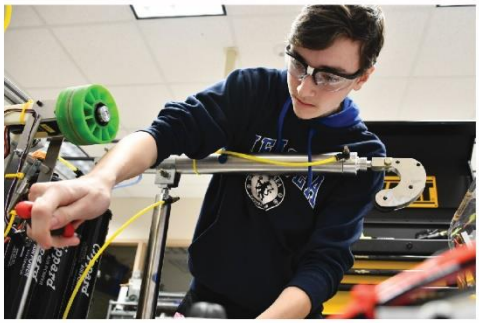
Class Requirements

The following is to be purchased by the student:
Computer Headphones
USB Storage Device

Courses of Study

Electronics/electricity, Agile Robotics, 3D Modeling, Coding/Programming, Engineering systems





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Robotics Engineering Technology Program
CIP Code: 15.0303

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
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College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
California University of PA: Robotics Engineering	20	CET 235 (4), EET 110 (4), RET 110 (3), GET 130 (3), RET 160 (3), CSC 120 (3)	Per local articulation agreement
California University of PA: Mechatronics Engineering	20	CET 235 (4), EET 110 (4), RET 110 (3), GET 130 (3), RET 160 (3), CSC 120 (3)	Per local articulation agreement
Community College of Allegheny County: Electronic Engineering Technology	9	EET 103 (3), EET 114 (3), EET 119 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Community College of Allegheny County: Mechatronics Technology	9	EET 103 (3). EET 208 (3), MEC 106 (3)	Per STAR Program at CCAC
Johnson College	9	EET 161 (2), EET 162 (1), EET 163 (2), EET 164 (1), EET 167 (2), EET 168 (1)	Per POS statewide articulation agreement (www.collegetransfer.net)
Northampton Area County Community College	9	ELEC 101 (4), ELEC 121 (2), ELEC 126 (3)	Per POS statewide articulation agreement (www.collegetransfer.net)
Pittsburgh Technical College	14	ELT 105 (7), ELT 119 (7)	Per local articulation agreement
UNOH	6	RA 110 (6)	Per local articulation agreement
Westmoreland County Community College	12	ELC 102 (4), DFT 258 (4), ELC 106 (4)	Per POS statewide articulation agreement (www.collegetransfer.net)
National Articulation	1 - 4	Varies based on post-secondary	Per NOCTI NCCRS

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Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work

Suggested Pre-Requisites: Algebra I, Biology, Geometry, College Prep English I, Fundamental Computer Skills

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Scope and Sequence: Robotics Engineering Technology

CIP Code Number and Title: 15.0303 Electrical/Electronic

	Secondary School				Postsecondary Institution			
Subject (Hours)	**Grade 9 (Hours)**	**Grade 10 (Hours)**	**Grade 11 (Hours)**	**Grade12 (Hours)**	**First Semester**	**Second Semester**	**Third Semester**	**Fourth Semester**
Technical (1080)		Orientation/ Safety and Work Ethics (20)	Orientation/ Safety and Work Ethics (20)	Orientation/ Safety and Work Ethics (20)	Per Program of Study for Post-Secondary Institution			
		Intro to Electronics (152)	Basic Electronics II (65)	Advanced Electronics (128)				
		Computer Programming I (50)	Active Electronics (115)	Digital Electronics (117)				
		Engineering and Physics I (33)	Computer Programming II (54)	Advanced Mechanics and Solid Modeling (62)				
		Mechanics and Solid Modeling I (40)	Engineering and Physics II (34)	Engineering and Physics III (33)				
		Basic Electronics I (64)	Mechanics and Solid Modeling II (40)					
			Advanced Computer Programming II (33)					
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	Algebra I	Algebra II	College Prep Math or Trigonometry					
Science	Biology	Chemistry	Physics					
Humanities	Civics	US History	Social Studies					

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Sports Medicine - Rehab Therapy and Exercise Sciences Technology

Pennsylvania Department of Education CIP Code: 51.2604

Instructor:
Darren Vtipil, MPT | 412.847.1964
darren.vtipil@beattietech.com

Chris Cowger, MEP | 412.847.1965
chris.cowger@beattietech.com

Industry Certifications

First Aid, CPR, HIPAA,
AMCA PT Aide,
ACSM Personal Trainer
CCAC Dual Enrollment

(Approximate Cost: $45)

Career Potential

Bright Outlook O-Net:
Median $60/Hour

Career Pathways

Personal Trainer, Athletic Trainer, Physical Therapist or Assistant, Strength and Conditioning Coach, Sports Psychologist,Dietitian, Exercise Physiologist

The SMART-EST program is designed for students that are looking towards the fields of: physical therapy, occupational therapy, physical rehabilitation, exercise physiology and sports medicine. Students will develop valuable skills in diagnosis, differential diagnosis, assessment and prevention, along with prognosis and the rehabilitation of bodily injuries and related health conditions. Students will learn the therapy and application principles of a patient care plan including: assessment, evaluation, interventions of exercise, manual therapy, modalities and neurore-education. Students will also develop goal setting and discharge plans for patients. Students will participate in nutrition understanding, as they learn how to develop proper diet plans for healthy individuals and they will learn how to tailor diet plans for special populations. Students participating in the SMART-EST program would have the following potential career pathways directly out of the program upon successful completion: Personal Trainer/-Coach, and Physical Therapy Aide. In addition, the program provides real clinical opportunities to third-year students and a foundation to pursue a post-secondary degree or advanced certification upon successful completion.

Class Requirements

The following is to be purchased by the student:
Scrubs

Courses of Study

Physical Therapy
Occupational Therapy
Physical Rehabilitation
Exercise Physiology
Sports Medicine

For Additional Information on any of our programs, please visit www.beattietech.com
A.W. Beattie Career Center is an Equal Opportunity Educational Institution.

A.W. Beattie Career Center does not discriminate on the basis of race, color, age, creed, religion, sex, sexual orientation, ancestry, national origin, handicap/disability, gender identity or expression, or genetic information in its programs or activities.

ARTICULATION AGREEMENTS

SMART-EST
Program CIP Code:
12.0501

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Community College of Allegheny College	3	BIO 103 (3)	Upon completion of dual enrollment course taken at A. W. Beattie Career Center
Duquesne University	3	Elective Course (3)	Per local articulation agreement
La Roche University	3	BIOL 1021 (3)	Per local articulation agreement
Robert Morris University: Health Sciences	6 to 9	HLSC 1010 (3), Open Elective (3 to 6)	Per local articulation agreement
Waynesburg University	7	BIO 105 (2), HSC 105 (1), HSC 205 (3), HSC 136 (1)	Per local articulation agreement

Updated January 23, 2023

List is a sampling of articulated credits. Visit www.collegetransfer.net or your counselor for the latest updates and details.
College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures:	1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work
Suggested Pre-Requisites:	Algebra I, Biology, Geometry, College Prep English I, Fundamental Computer Skills

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Surgical Sciences - Operating Room Technology

U.S. Department of Education CIP Code: 51.0909

Instructors:
Vincenzina Olszewski, CST | 412.847.1954
vincenzina.olszewski@beattietech.com

Industry Certifications

AHA Heartsaver First Aid, Basic Life Support CPR/AED, HIPPA, with more in development

Career Potential

Bright Outlook O-Net: Median $22.74/Hour

Career Pathways

Surgical Technician, Surgeon, Sterile Processing Technician Surgical or Emergency Room Nurse, Sterile Processing Distribution Manager, Surgical Anesthesia, etc.

A program that prepares individuals, under the supervision an instructor who has years of experience in surgical operating rooms, to maintain, monitor, and enforce the sterile field and adherence to aseptic technique by preoperative, surgical team, and postoperative personnel. Includes instruction in instrument and equipment sterilization and handling, surgical supplies management, wound exposure and closure, surgical computer and robot operation and monitoring, maintenance of hemostasis, and patient and team scrubbing. Students get access to a variety of advanced technology that makes simulation learning as close to real clinical situations as it can be. By graduation, you'll have performed simulated surgical procedures in real-life scenarios. This exposure prepares students to be college and career ready.

Class Requirements

The following is to be purchased by the student:
USB Storage Drive
Uniform
Scientific Calculator

Courses of Study

Infection Control, General Surgery, Surgical Asepsis and Sterilization Methods, Surgical Instruments, Anatomy and Physiology, Medical Terminology and Documentation, Professional ethics, etc.

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ARTICULATION AGREEMENTS

Surgical Sciences
Program CIP Code:
51.0909

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
Community College of Allegheny College	3	BIO 103 (3)	Upon completion of dual enrollment course taken at A. W. Beattie Career Center
Pittsburgh Technical College	12	MED 107 (5), SGT 113 (3), SGT 118 (4)	Per local articulation agreement

Updated January 23, 2023

List is a sampling of articulated credits. Visit www.collegetransfer.net or your counselor for the latest updates and details.
College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures: 1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work

Suggested Pre-Requisites: Under Development

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Veterinary Sciences

Pennsylvania Department of Education CIP Code: 01.8301

Instructors:

Megan Chuckery, BS, RVT, CVT | 412.847.1883
megan.chuckery@beattietech.com

Jennifer Dumbeck, AST, CVT | 412.847.1886
jennifer.dumbeck@beattietech.com

Industry Certifications

Purina Certified Weight Coach,
Pet Tech First Aid,
CPR

(Approximate Cost: $45)

Career Potential

Bright Outlook O-Net:
Median$13.75/Hour

Career Pathways

Animal Trainer, Non-Farm and Laboratory Animal Caretaker,Groomer, Animal Control Officer,Veterinary Assistant/ Technician

Students enrolled in the Veterinary Sciences program will experience a wide variety of care and management techniques throughout the program. Students will learn to maintain medical records, schedules, offer client education, explore authentic laboratory procedures and assist with nursing and preparation for surgical duties; along with routine exams. Students will gain a solid foundation in the Veterinary Sciences program on which to build entry level employment skills and post-secondary degrees in the field.

Class Requirements

The following is to be purchased by the student:
Scrubs

Courses of Study

Office Procedures
Examination Room Procedures
Small Animal Nursing
Surgical Assisting

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Veterinary Sciences Technology
Program CIP Code: 01.8301

ARTICULATION AGREEMENTS

A.W. Beattie Career Center
"Your Pathway to the Future!"

College/University/ Technical School	Maximum Number of Credits	Articulated Courses –*credits in ( )*	Requirements
California University of PA	3	VET 101 (3)	Per local articulation agreement

Updated January 23, 2023

List is a sampling of articulated credits. Visit www.collegetransfer.net or your counselor for the latest updates and details.
College entrance requirements and articulation conditions must be met. Statewide articulation requires students to achieve a 2.5 grade point average, receive a competent or advanced on the NOCTI and achieve competent on all statewide program competencies.

Grading Procedures:	1/3 Daily Grade, 1/3 Competencies, 1/3 Tests/Written Work
Suggested Pre-Requisites:	Algebra I, Biology, Geometry, College Prep English I, Fundamental Computer Skills

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Non-Traditional Students

General Description: As a Career and Technical Education Institution, A.W. Beattie Career Center strives to offer its students a variety of unique educational opportunities. One such opportunity is the Non-Traditional student program. Through this program, students are offered career and classroom support as well as free tools and equipment when they enroll in specific programs at the school. Students will receive notification of available funding for tools and equipment reimbursement.

Eligible Programs

Female Students

Female students can participate in the Non-Traditional Students program by enrolling in one of the following courses:

- Automotive Collision Technology
- Automotive Technology
- Building Construction
- Carpentry
- Computer Systems Technology
- Emergency Response Technology
- Heating, Ventilating and Air-Conditioning (HVAC)
- Network Engineering Technology
- Pastry Arts
- Robotics Engineering Technology

Male Students

Male Students can participate in the Non-Traditional Students program by enrolling in one of the following courses:

- Cosmetology
- Dental Careers
- Early Childhood Education
- Health and Nursing Sciences
- Sports Medicine Rehabilitation Sciences
- Surgical Sciences Technology
- Veterinary Sciences Technology

Student Organizations

BEATTIE 360° OUTDOORS

Beattie Ambassadors

FIRST

FCCLA Family, Career and Community Leaders of America

BAT TEAM

Builders Association of Metropolitan Pittsburgh

SkillsUSA

NTHS

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Externship Opportunities

Cooperative Education Coordinator: Joanne Vano, M.Ed. | joanne.vano@beattietech.com
412-847-1914

General Description: Are you interested in earning a paycheck while earning grades? Cooperative education adds a paid career-based learning component to the student's training program. Participation in the Cooperative Education allows the employer and A.W. Beattie Career Center to work together to meet the training needs of eligible students. Seniors in their second or third year at A.W. Beattie Career Center are eligible for Cooperative Education and attend A.W. Beattie Career Center one or two days a week and report to their job sites for the rest of the week. In all cooperative education placement arrangements, the employment must be related to the student's vocational course of study. Students must maintain a C grade average, have good attendance, and be able to provide their own transportation to and from the job site. Employers give grades based on students on the job performance. Students in the program are also required to keep a logbook, timesheets, and wage records. Students participating in an externship must meet jobsite specific industry requirements and clearances certification requirements.

Job Shadowing

A.W. Beattie Career Center encourages first year students to complete at least six hours of a Job shadowing experience in order to earn Honors for their Introductory Skills Certificate. Job Shadowing gives students a chance to work with an on-site mentor, ask questions, and learn more about the career in which they are interested.

Internships

A.W. Beattie Career Center offers second year students an opportunity to gain valuable work experience in their technical course of study though internships. Students will visit their selected job site two to three days a week for a specified period. Although Internships are unpaid work, experiences they provide many opportunities for future employment.

Clinical Experience

Students enrolled in Health and Nursing Sciences, Early Childhood Education, Emergency Response Technology, or Dental Careers may have an opportunity for a clinical experience. These are career-related experiences and are provided by hospitals, long-term care facilities, and private dental practices. The duration of clinical experience is determined by state certification regulations and the facility providing the career-related training. Students must meet all of the requirements of the clinical sites to participate in a clinical rotation. These requirements are determined by the individual clinical sites and may include health, safety and state clearances.

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