

Allied Health

Be sure a career in a health field is for you and earn college credit along with way — take Allied Health!

- This one-year senior-only program is designed for students with rigorous academic preparation who plan to continue their education in college to prepare for a career in the health field. Students will get extensive clinical experiences partnering with health professionals at Abington Memorial Hospital. Three days a week at EASTERN, student coursework will include being dually enrolled with Montgomery County Community College, which will afford them the opportunity to earn three college credits for Medical Terminology as part of the Allied Health Program.

- Career Objectives:

A career in the allied health field requiring postsecondary education

- Prerequisites:

- Grade of 'C' or better in Algebra I & II, Biology and Chemistry (College Prep Level)
- High school GPA of 2.5 or higher preferred
- Physical exam and police check as mandated by state law
- Child abuse clearance
- PPD (tuberculosis skin test)
- Flu shot required
- No disciplinary issues at the participating high school
- Good attendance

- College Advantage:

-Dual enrollment for up to 3 transferable credits at Montgomery County Community College.

- With higher education, this program prepares the student for success in such career fields as:

Nurse, radiology technologist, and physician's assistant.

D.O.T. Code	Career Objective	Reasoning Level	Grade Level	Math Level	Grade Level	Language Level	Grade Level
	ALLIED HEALTH						
Varied	*Allied Health	R5	Col 1-2	M4	9-12	L5	Col 1-2
	i.e. 076.224-010 Physical Therapist Asst.	R4	9-12	M3	7-8	L4	9-12
	078.362-026 Radiology Technologist	R5	Col 1-2	M4	9-12	L5	Col 1-2
	075.364-010 Registered Nurse	R5	Col 1-2	M4	9-12	L5	Col 1-2
	076.361-014 Respiratory Therapist	R4	9-12	M3	7-8	L3	7-8
	079.374-014 Licensed Practical Nurse	R4	9-12	M3	7-8	L4	9-12

* one-year career objective

Automotive Technology

Take this program to get a head start in the automotive field!

- This two-year career program is designed for the student who is serious about working in the automotive industry. One-year seniors will be considered if space is available in the program.

- Career Objectives:

Automotive Technician Trainee; New Car Preparation Technician; Under Car Specialist

- The curriculum, facility and instructor are:

- National Institute for Automotive Service Excellence (ASE) accredited
- Partners with the Automotive Youth Educational Systems Program (AYES) to provide qualified juniors with experiences at participating dealerships and paid summer internships

- Certification Students can earn:

ASE qualifying exams (after completing a reduced period of work experience in the Automotive Industry), and (S/P2) Safety and Pollution Prevention certifications.

- Students also qualify for advanced standing through an articulation agreement with:
 - Lincoln Technical Institute – up to three courses
 - Pennsylvania College of Technology - advanced placement
 - Universal Technical Institute (UTI) for up to four Auto Tech courses
- With higher education, this program prepares the student for success in such career fields as:
 - Automotive service, engineering and design, manufacturer representative, automotive insurance industry/damage appraisal and testing, race car development, technical writing, managing and teaching

D.O.T. Code	Career Objective	Reasoning Level	Grade Level	Math Level	Grade Level	Language Level	Grade Level
AUTOMOTIVE TECHNOLOGY							
620.261-012	Automotive Technician Trainee	R4	9-12	M3	7-8	L3	7-8
620.684-014	*Under Car Specialist	R2	4-6	M1	4-6	L2	4-6
620.364-010	New Car Preparation Technician	R2	4-6	M2	0-3	L2	4-6

* one-year career objective

Business and Technology Professional

The Business and Technology Professional program will prepare students for a career in a professional office environment. This program is dually enrolled with Montgomery County Community College, which will afford them the opportunity to earn up to nine college credits.

- In this two-year half-day program students study the current Microsoft Office applications including Word, Excel, PowerPoint, Outlook, and other communications technologies.
- Career Objectives:
 - Executive Administrative Assistant; Administrative Assistant; and Customer Service Representative
- Students will leave the program well-versed on creating spreadsheets; composing correspondence; managing databases; creating presentations; document management; and on the use of office machines. Students will enhance their communication, independent thinking, problem-solving, interpersonal, and soft skills.
- College Advantage:
 - Dual Enrollment for up to nine transferable credits at Montgomery County Community College

D.O.T. Code	Career Objective	Reasoning Level	Grade Level	Math Level	Grade Level	Language Level	Grade Level
Business and Technology Professional							
169.167-010	Executive Administrative Assistant	R5	Col 1-2	M3	7-8	L5	Col 1-2
201.362-030	Administrative Assistant	R4	9-12	M3	7-8	L4	9-12
211.462-010	*Customer Service Representative	R3	7-8	M2	4-6	L2	4-6

* one-year career objective

Collision Repair Technology

You'll meet industry standards to be a success in this field!

- A student enrolled in this two-year career program benefits from a combination of classroom instruction and hands-on experience needed to carry out repairs on motor vehicles. Students benefit from the use of I-Car (Inter-Industry Conference on Auto Collision Repair) enhanced curriculum. One-year seniors will be considered if space is available in the program.
- Career Objectives:
 - Automotive Refinisher; Sheet Metal/Cosmetic Repair Person; Frame/Structural Repair Person; Automotive Refinisher's Helper - (one-year students)
- Program Certification:
 - This is one of only seventeen secondary programs in Pennsylvania certified by the National Institute for Automotive Service Excellence (ASE) for meeting industry standards.
- Certification Students can earn:
 - Safety and Pollution Prevention (S/P2) certification; Collision Repair Technology is an approved member of the I-CAR Industry Training Alliance.
- Advanced Placement:
 - Students may qualify for advanced placement college credit at Pennsylvania College of Technology.
- With higher education, this program prepares the student for success in such career fields as:
 - Automotive, marine and aeronautic service, new car design, manufacturing representative, insurance industry damage appraisal and testing, race car fabrication and vehicle engineering, metal fabrication, safety design engineering, technical writing, consumer information technologies, collision test engineering and teaching.

D.O.T. Code	Career Objective	Reasoning Level	Grade Level	Math Level	Grade Level	Language Level	Grade Level
	COLLISION REPAIR TECHNOLOGY						
845.381-010	Automotive Refinisher	R3	7-8	M2	4-6	L3	7-8
807.381-010	Sheet Metal/Cosmetic Repair Person	R3	7-8	M3	7-8	L3	7-8
807.381-010	Frame/Structural Repair Person	R3	7-8	M3	7-8	L3	7-8
845.684-014	*Automotive Refinisher's Helper	R2	7-8	M1	4-6	L1	7-8

* one-year career objective

Commercial Art

You'll develop your own portfolio!

- This two-year career program covers everything from conceptual drawing and design to a professional portfolio; students learn the value and application of their unique styles in both design and illustration; and students use industry-standard software on the Macintosh Platform. Software includes: Adobe InDesign, Adobe Photoshop, Adobe Illustrator, Dreamweaver and Flash. One-year seniors will be considered if space is available.
- Career Objectives:
 - Graphic Design; Commercial Illustration; Digital Imaging Design
- Upon Completion of the program:
 - Students will have a portfolio consisting of items a committee of art college representatives established.
 - Senior students will have their portfolios reviewed by art school representatives.
- Advanced Placement:
 - Students may qualify for advanced placement college credits at Pennsylvania College of Technology.
- With higher education, this program prepares the student for success in such career fields as:
 - Graphic design, illustration, animation, computer-generated graphic art, teaching and multi-media specialist.

D.O.T. Code	Career Objective	Reasoning Level	Grade Level	Math Level	Grade Level	Language Level	Grade Level
	COMMERCIAL ART						
141.061-022	Commercial Illustration	R5	Col 1-2	M2	4-6	L4	9-12
141.061-018	Graphic Design	R5	Col 1-2	M3	7-8	L4	9-12
141.061-018	Digital Imaging Design	R5	Col 1-2	M3	7-8	L4	9-12

Computer Network Administration

Would you like to be a college student while still in high school? While in EASTERN's Computer Network Administration program, you can choose to enroll in Montgomery County Community College for up to 12 transferable credits! More and more businesses need network administrators now. Get your start here!

- Students must pass the Certified Linux Administrator (CLA) exam in the first year of the program and are prepared for other industry certification exams, including Cisco Certified Entry Network Technician (CCENT). One-year seniors will be considered if space is available in the program.

- Career Objectives:

Computer Network Administrator, Linux Administrator - (one-year students)

- Prerequisites:

Strong math background (Algebra II completed or scheduled during the first year of the program)

- College Advantages:

- Dual Enrollment for up to 12 transferable credits at Montgomery County Community College

- Guaranteed admission into Penn State Abington's School of Information Sciences and Technology if they meet PSU criteria

- Advanced placement at Pennsylvania College of Technology

- Career Fields:

Computer Network Administrator; Linux Administrator

D.O.T. Code	Career Objective	Reasoning Level	Grade Level	Math Level	Grade Level	Language Level	Grade Level
	COMPUTER NETWORK ADMIN.						
031.262-010	*Linux Network Administrator	R5	Col 1-2	M3	7-8	L5	Col 1-2
031.262-010	Network Administrator	R5	Col 1-2	M3	7-8	L5	Col 1-2

* one-year career objective

Construction Technology

Get satisfaction from building projects and working with current materials used in the field to refine your construction skills!

- This two-year career program is the first step for students interested in pursuing a successful career in the construction field. One-year seniors will be considered if space is available in the program.

- Career Objectives:

Carpenter Pre-Apprentice; Exterior Remodeling and Installation; Roofing & Siding Helper - (one-year students)

- Students will work on both residential and commercial construction in the school's shop area.

- Advanced Placement and Apprenticeship:

Students may qualify for advanced placement college credit at Pennsylvania College of Technology or want to consider an apprenticeship program after high school.

- With higher education, this program prepares the student for success in such career fields as:

Architecture, general contracting, teaching, surveying, construction management, construction technology, civil engineering, architectural engineering, code enforcement and insurance adjustor.

D.O.T. Code	Career Objective	Reasoning Level	Grade Level	Math Level	Grade Level	Language Level	Grade Level
	CONSTRUCTION TECHNOLOGY						
860.381-026	Pre-Apprentice	R4	9-12	M3	7-8	L3	7-8
869.381-010	Exterior Remodeling and Installation	R4	9-12	M3	7-8	L3	7-8
860.684-014	*Roofing & Siding Helper	R3	7-8	M1	0-3	L2	4-6

* one-year career objective

Cosmetology

Save thousands of dollars by taking this program in high school!

- This two-year program will provide the skills necessary to begin a career in the cosmetology field. In Pennsylvania, as well as other states, cosmetologists must be licensed to practice in the field. One-year seniors will be considered if space is available in the program.
- Career Objective:
Cosmetologist
- Certifications students can earn:
-Pennsylvania State Board of Cosmetology - licensed cosmetologist
- With higher education, this program prepares the student for success in such areas as:
Cosmetology, management, teaching, product representation, and development and design

D.O.T. Code	Career Objective	Reasoning Level	Grade Level	Math Level	Grade Level	Language Level	Grade Level
	COSMETOLOGY						
332.271-010	Cosmetologist	R4	9-12	M3	7-8	L3	7-8
331.674-010	*Nail/Salon Technician	R2	4-6	M1	0-3	L2	4-6

* one-year career objective

Culinary Arts

Build your culinary skills and techniques at EASTERN so you can compete in this field! Students also have the potential to earn up to nine transferable college credits through an articulation agreement with Montgomery County Community College and Pennsylvania state technical colleges.

- This two-year half-day program enables students to acquire a variety of skills including soup and sauce preparation, preparation of meat, fish and poultry entrees, baking, kitchen sanitation, purchasing and inventory controls. One-year seniors will be considered if space is available in the program.
- Career Objectives:
Prep Cook; Cook Apprentice; Pantry Person; Kitchen Helper
- Certifications students can earn:
ServSafe Certification, American Culinary Federation Certified Junior Culinarian
- Culinary students continuing their education in this field can benefit from college credit articulation agreements with:
 - Johnson & Wales University (for up to 13.5 quarter credits)
 - Bucks County Community College (14 quarter credits)
 - Students may also qualify for advanced placement college credit at Pennsylvania College of Technology
 - Articulation credit with Montgomery County Community College
- With higher education, this program prepares the student for success in such career fields as:
Food and beverage management, purchasing, teaching, food science, food manufacturing, pastry, food styling and retail food management.

D.O.T. Code	Career Objective	Reasoning Level	Grade Level	Math Level	Grade Level	Language Level	Grade Level
	CULINARY ARTS						
318.687-010	*Kitchen Helper	R2	4-6	M1	0-3	L1	0-3
317.684-014	Pantry Person	R3	7-8	M2	4-6	L2	4-6
313.361-014	Prep Cook	R3	7-8	M3	7-8	L3	7-8
313.361-014	Cook Apprentice	R3	7-8	M3	7-8	L3	7-8

* one-year career objective

Electrical Technology

Our training will provide the essential hands-on and safety skills that a student needs to pursue a rewarding career in the electrical construction industry.

■ This two-year multi-faceted career program enables the student to learn the basics of electricity as well as residential and commercial wiring, data cabling and basic fiber optic installation. One-year seniors will be considered if space is available in the program.

■ Career Objectives:

Retail Sales; Electrician's Helper; Maintenance Helper; Electrician

■ Prerequisites:

-Good color vision

-Ability to climb moderate heights on a ladder

■ Advanced Placement and Apprenticeship:

Students may also qualify for advanced placement college credit at Pennsylvania College of Technology or want to consider an apprenticeship program after high school.

■ With higher education, this program prepares the student for success in such career fields as:

Residential or commercial electrician, electrical engineering, teaching, computer systems engineering, communications engineering and development.

D.O.T. Code	Career Objective	Reasoning Level	Grade Level	Math Level	Grade Level	Language Level	Grade Level
	ELECTRICAL TECHNOLOGY						
249.362-010	*Rental/Counter Clerk	R4	9-12	M2	4-6	L4	9-12
829.684-022	*Electrician Helper	R3	7-8	M2	4-6	L2	4-6
620.664-014	Maintenance Helper	R3	7-8	M2	4-6	L2	4-6
824.261-010	Electrician	R4	9-12	M4	9-12	L3	7-8

* one-year career objective

Heating, Ventilation and Air Conditioning (HVAC)

There is always a demand for these services!

■ This two-year career program provides a comprehensive foundation of the basic theories and principles of heating, air conditioning and heat pump systems. One-year seniors will be considered if space is available in the program.

■ Career Objectives:

Heating and Air Conditioning Installation Technician; Heating and Air Conditioning Service Technician; Retail Sales, Heating and Air Conditioning Helper - (one-year students)

■ Advanced Placement:

Students may also qualify for advanced placement college credit at Pennsylvania College of Technology.

■ With higher education, this program prepares the student for success in such career fields as:

Residential heating, air conditioning, mechanical technology, mechanical engineering, insurance consultant and building maintenance.

D.O.T. Code	Career Objective	Reasoning Level	Grade Level	Math Level	Grade Level	Language Level	Grade Level
	AIR CONDITIONING & HEATING TECHNOLOGY						
637.261-014	Heating, Ventilation & Air Conditioning Technician	R4	9-12	M3	7-8	L3	7-8
637.664-010	*Heating, Ventilation & Air Conditioning Helper	R3	7-8	M2	4-6	L2	4-6

* one-year career objective

Protective Services

You'll earn several certifications to give you a head start on careers in this field!

- This two-year career program prepares the student to enter a career related to law enforcement, fire science, industrial safety and security, and Emergency Management Systems (EMS) preparedness. One-year seniors will be considered if space is available in the program.

- Career Objectives:

Police; Fire Fighter; Industrial Security - (one-year students)

- Program Prerequisite:

The student must undergo a state police check to enroll in the program and work in this field.

- Certifications students can earn:

Fire Fighter 1 through testing by Bucks Co. Fire Academy; Hazardous Materials Awareness through testing by Bucks Co. Fire Academy; Hazardous Materials Operations through testing by Bucks Co. Fire Academy; Adult CPR through testing by the Red Cross; Standard First Aid through testing by the Red Cross; and First Responder Emergency Medical Services.

Certifications students will test for: National Incident Management System levels 100, 200, 700 and 800

- With higher education, this program prepares students for success in such career fields as:

Criminal Justice, teaching, firefighting, security and corrections, and EMS.

D.O.T. Code	Career Objective	Reasoning Level	Grade Level	Math Level	Grade Level	Language Level	Grade Level
	PROTECTIVE SERVICES						
375.263-014	Police	R4	9-12	M2	4-6	L3	7-8
376.367-018	*Security	R3	7-8	M1	0-3	L2	4-6
373.364-010	Fire Fighter 1	R4	9-12	M2	4-6	L3	7-8

* one-year career objective

Veterinary Science

Veterinary Science provides the opportunity to pursue a career in the animal care industry, and will provide students with a working knowledge of small animal industries. One-year seniors will be considered of space is available in the program.

- This two-year half-day program, students will learn to support veterinarians by providing assistance during animal examinations; treatment administration and monitoring; managing animal and related health record information; and how to perform a range of selected practice-related duties.

- Career Objectives:

Veterinary Technician, Veterinary Assistant

- Prerequisites:

- Grade of 'C' or better in Algebra I & II

- Grade of 'C' or better in Biology or Advanced Science Course (College Prep Level)

- High school GPA of 2.5 or higher preferred

- No Animal Allergies

- No disciplinary issues at the participating high school

- Good attendance

- Students enrolled in the Veterinary Science program will prepare for post-secondary education in Veterinary Sciences or employment in careers in a veterinary hospital, pet and pet supply store, grooming salons, kennel, animal humane societies, farms and ranches.
- Students enrolled in this high priority occupation program are expected to take college prep academics as well as excel at their technical studies in order to qualify for advanced credits, reduced fees, or advanced standing at postsecondary institutions with which we have articulation agreements.
- This program is a great stepping stone for continued Veterinary Science education at colleges such as Harcum College, Manor College, and Delaware Valley College.

D.O.T. Code	Career Objective	Reasoning Level	Grade Level	Math Level	Grade Level	Language Level	Grade Level
	VETERINARY SCIENCE						
079.361-017	Veterinary Technician	R4	9-12	M3	7-8	L4	9-12
079.361-017	Veterinary Assistant	R4	9-12	M3	7-8	L4	9-12

Welding Technology

Good welders make good money...learn how at EASTERN!

- This two-year career program is designed for the student who is interested in the industrial engineering field. One-year seniors will be considered if space is available in the program.
- Career Objectives:
Combination Welder; Welder/Fabricator; MIG Welding
- Students will learn about the properties of different types of metals and how to join them using state-of-the-art welding equipment
- Advanced Placement:
Students may also qualify for advanced placement college credit at Pennsylvania College of Technology.
- With higher education, this program prepares students for success in such career fields as:
Mechanical, aerospace or industrial engineering, physical metallurgist, business owner, teaching, equipment sales and welding engineer.

D.O.T. Code	Career Objective	Reasoning Level	Grade Level	Math Level	Grade Level	Language Level	Grade Level
	WELDING TECHNOLOGY						
819.384-010	Combination Welder	R4	9-12	M3	7-8	L3	7-8
809.381-010	Welder/Fabricator	R3	7-8	M2	4-6	L2	4-6
811.684-014	*Mig Welding, Gas Welding & Cutting	R3	7-8	M3	7-8	L3	7-8

* one-year career objective