

Eastern Center for Arts and Technology

2017-2018 High School Program Offerings

Career Programs

7:45 - 10:30 a.m. OR 12:00 - 2:45 p.m.

Allied Health

Automotive Technology

Business and Technology Professional

Collision Repair Technology

Commercial Art

Construction Technology

Cosmetology

Culinary Arts

Electrical Technology

Heating, Ventilation and Air Conditioning

Protective Services

Veterinary Science

Welding Technology

Programs at Eastern Center for Arts and Technology

EASTERN is accredited by the Middle States Association of Colleges and Schools. The campus is located in Willow Grove and is owned by nine school districts in Eastern Montgomery County. They include Abington, Bryn Athyn, Cheltenham, Hatboro-Horsham, Jenkintown, Lower Moreland, Springfield, Upper Dublin and Upper Moreland.

More information about EASTERN is available at www.eastech.org.

Programs taken at EASTERN are considered part of the high school program and count as elective credit toward graduation. Programs enrich the student's high school experience. They give students the opportunity to reinforce their career path after high school, get a head start in collegiate studies in that field and get ready for employment. Most of the half-day programs offer advanced placement college credit opportunities for students continuing their education after high school in similar majors.

Career programs are scheduled 5 days a week for 2 hours 45 minutes from 7:45 a.m.–10:30 a.m. or 12:00 p.m. to 2:45 p.m. in 14 career areas and are primarily offered to 11th and 12th grade students. They are recommended as a two-year sequence for students, except Allied Health, which is a senior-only option. If space is available, one-year seniors are accepted into all programs.

- A work experience program is available to qualified second-year students incorporating on-site job experiences with classroom learning.

- Many programs offer advanced placement/college credit options at colleges like DeVry University, Johnson & Wales University, Pennsylvania College of Technology, Lincoln Technical Institute, CHI, Harcum College, and Bucks and Montgomery County Community Colleges.

EASTERN students may qualify for up to 9 free college credits through Perkins statewide articulation agreements. All statewide articulation agreements can be found at www.collegetransfer.net/Search/PABureauofCTESOARPrograms/tabid/3381/Default.aspx

Students/parents will be solely responsible for tuition and fees for MCCC dual enrollment.

Please note that there are course material fees for tools of the trade and required clothing related to several programs. It is the policy of EASTERN that no student will be denied participation in any school program for financial reasons. Families with a financial need should contact Amy Shields, 215-784-4806, or Joe Greb at 215-784-4800 Ext. 110.

EASTERN CENTER FOR ARTS AND TECHNOLOGY
2017-2018
PROGRAM INFORMATION

Allied Health

Be sure a career in a health field is for you by attending EASTERN's Allied Health program!

■ 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 Hospital two days a week beginning in October. This unique opportunity provides students with a first-hand look at the many healthcare careers available to them.

■ **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
- 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.

■ **Students have continued their education at:**

ARIA Health, Abington Dixon School of Nursing, Arcadia University, Cedar Crest, Gwynedd Mercy University, Holy Family University, LaSalle University, MCCC, Moravian College, West Chester University, York College, and Widener University.

Materials and fees: Approximately \$350 - \$375 (not including MCCC tuition)

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
- Students have continued their education at:
ATC, Lincoln Tech, MCCC, Ohio Technical College, Pennsylvania College of Technology, Thaddeus Stevens College of Technology, Universal Technical Institute, and University of Northwestern Ohio.

Materials and fees: Approximately \$50 - \$100

Business and Technology Professional

The Business and Technology Professional program will prepare students for a career in a professional office environment. This program can provide students with dual enrollment college credits in Montgomery County Community College's Office Administration program.

- 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 Clerk
- 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 9 credits at Montgomery County Community College
- Students enrolled in the Business and Technology Professional program will prepare for postsecondary education or employment in careers such as Office Manager, Data Input Specialist, Customer Service Representative, Business Administrator, Business Analyst and Accounting Clerk.

Materials and fees: Year 1 - approximately \$387; Year 2 – approximately \$187. Fees are subject to change based on MCCC tuition rates. Business attire required. Access to a working computer (Windows) is a must.

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.

- Students have continued their education at:

ATC, Lincoln Tech, MCCC, Ohio Technical College, Pennsylvania College of Technology, UTI, and Wyotech.

Materials and fees: Approximately \$130 - \$175

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.

- Students have continued their education at:

Antonelli Institute, Art Institute of Philadelphia, Drexel University, Fashion Institute of Technology, Hussian School of Art, IUP, MCCC, Northampton Community College, Pennsylvania College of Technology, Penn State Abington, Temple/Tyler School of Art, University of the Arts, University of Massachusetts, and West Chester University.

Materials and fees: Approximately \$125 - \$155.

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.

- Students have continued their education at:

Drexel University, MCCC, Pennsylvania College of Technology, Penn State Abington, Thaddeus Stevens College of Technology, and Williamson Trade School.

Materials and fees: Approximately \$85 - \$100

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
- Students have continued their education at:
Ambler Beauty Academy, Bucks County School of Beauty, DeVry University, Empire, IUP, Johnson & Wales University, Kutztown University, Lansdale Beauty School, Make-up Designory School (NYC), Penn State Abington, Temple University, and West Chester University.

Materials and fees: Approximately \$500 - \$650

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.
- Students have continued their education at:
Art Institute of Philadelphia, Baltimore International Culinary School, Bucks County Community College, Indiana University of PA, Culinary Institute of America, Delaware State University, Delaware Valley College, Drexel University, Johnson & Wales University, Millersville University, Montgomery County Community College, Penn State, Culinary Institute of America, Scottsdale Culinary Institute, Temple University, The Restaurant School, and Widener University.

Materials and fees: Approximately \$135 - \$210

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.

- **Students have continued their education at:**

BCCC, CHI, EASTERN's Continuing Education Electrician Program, MCCC, Pennsylvania College of Technology, Temple University, Thaddeus Stevens College of Technology, and Williamson Trade School.

Materials and fees: Approximately \$75

Heating, Ventilation and Air Conditioning

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.

- **Students have continued their education at:**

Orleans Tech, Pennsylvania College of Technology, Penn State Abington, and Thaddeus Stevens College of Technology.

Materials and fees: Approximately \$95 - \$145

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, criminal justice, 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:

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; and Standard First Aid through testing by the Red Cross.

■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, corrections and EMS.

■Students have continued their education at:

Alvernia University, Bloomsburg University, CHI, CC of Philadelphia, Kutztown University, Lock Haven, Millersville University, MCCC, Penn State Altoona, Point Park University, Shippensburg University, and all branches of the U.S. Military.

Materials and fees: Approximately \$200

Veterinary Science

Do you enjoy taking care of your family pet? You can turn your love of animals into an exciting career with EASTERN's Veterinary Science program. 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 if 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
- 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.

Materials and fees: Approximately \$100 - \$375

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.

Materials and fees: Approximately \$260