

# 2021-2022 Career & Technical Education Flex Programs

Offered through  
York County School of Technology and  
the Adult & Continuing Education Center  
and 14 participating school districts  
in York County.



## Questions?

For more information, contact your school counselor.  
This information and school program videos are available online at: [ytech.edu](http://ytech.edu)



[ytech.edu](http://ytech.edu)

## More Flexibility. More Opportunities.



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# High School Juniors and Seniors:

Interested in advanced education that will help get you job-ready and jumpstart your career after high school? Our Flex Programs offer a variety of opportunities for you—and there is no tuition cost to you!

## How does it work?

1. Pick your program.
2. Many programs are available on a full-time or part-time schedule. Decide which works best for you.
3. Make sure you meet all the program criteria.
4. Apply through your school counselor between March and May 2021.

## Get started now!

Thanks for your interest in the 2021-2022 Flex Programs offered through the high school and the Adult & Continuing Education Center at York County School of Technology (YCST) and the 14 participating school districts of York County.

Flex Programs are offered part-time (PT) through York County School of Technology and both full-time (FT) and part-time (PT) through the Adult & Continuing Education Center at York County School of Technology. All classes are held at the YCST campus.

Students who enroll in any of the Flex Programs must follow all YCST High School and Adult & Continuing Education rules and regulations. This includes purchasing and wearing school uniforms. Enrolled students do not pay any tuition for Flex Programs; that expense is funded by participating school districts. Some programs require course materials that students purchase or include certification exams that students can pay for and complete.

Remember, if you are interested, you must meet all program requirements and apply through your school counselor.

## Entrance Requirements

To be accepted into any Flex Program, you must:

- Receive passing grades in the four major subject areas of English, Math, Science and Social Studies.
- Have five (5) or fewer unexcused absences at the time of application (current school year).
- Full-time Students must participate in an interview conducted by a representative from YCST that will include the sending school counselor.
- Be able to schedule all courses for graduation (courses that are needed may be taken online).
- Adhere to any additional program specific requirements (see course descriptions).
- Submit applications between March and May 2021.



## What You Need To Apply

To apply, submit the following:

- The application (available from your school counselor)
- PA Secure ID
- A copy of your current transcript
- Proof of Immunizations
- Copy of IEP, if applicable
- An interview with representatives of the sending school & York County School of Technology to determine appropriateness of placement and to ensure graduation requirements are met.

You will graduate with your class at your sending school with their High School Diploma. An interview with your school counselor will ensure that graduation requirements are met. Any academic courses that you will need to graduate will be taken online. If you successfully complete a full-time Flex Program, you also will graduate from the Adult & Continuing Education Center with a Post-Secondary Diploma.

## Schedule of Flex Programs

**Part-Time Flex Programs:**  
September 1, 2021–May 13, 2022  
Monday–Friday, 1:30–3:00 PM

**Full-Time Day Flex Programs:**  
August 26, 2021–TBD,\* 2022  
Monday–Friday, 8:00 AM–3:00 PM

**Full-Time Evening Flex Programs:**  
August 26, 2021–July 25, 2022\*  
Monday–Thursday, 4:00–9:30 PM

*\*program dependent*

## Transportation

**Part-Time Flex Programs:** Transportation to York County School of Technology will be at the discretion of the sending school district. Transportation from York County School of Technology to home will be provided.

**Full-Time Flex Programs:** Transportation to York County School of Technology will be provided to students, who will receive a letter about the bus route in the beginning of August. Each Program's transportation availability will be different depending on the end dates of the course.

Mechatronics students will be provided transportation until program completion on April 29, 2022.

Medical Assistant students will be provided transportation until they reach the clinical portion of the program, for which students will be responsible for their own transportation.

Cosmetology students will be provided transportation until the end of the high school year. Following the last day of school, it will be the student's responsibility to provide transportation until July 1, 2022.

Automotive Technology & Heating, Ventilation and Air Conditioning (HVAC) Technology students will be responsible for their transportation as these programs occur during the evening.



## Flex Program Opportunities

### PART-TIME (for juniors and seniors)

#### YORK COUNTY SCHOOL OF TECHNOLOGY OFFERINGS

Classes meet daily from 1:30–3:00 PM

##### Construction Technician

Students will have the opportunity to explore four aspects of the construction pathway. Classes include Electrical Occupations, Heating, Ventilation and Air Conditioning (HVAC), Masonry and Carpentry. Safety practices will be covered in all areas. The Electrical Occupations portion will begin with an introduction to the theory of electricity followed by an introduction to the electrical trades. In Carpentry, students will complete small construction projects to represent mastery of skills. Masonry students will learn the proper use of hand tools and how to mix mortar. HVAC students will be introduced to basic skills required for an HVAC/Plumbing career.

*Uniform:* Plain black t-shirt, jeans or khakis, work boots.

##### Nail Technology

This program includes a practical and theoretical study of nails. The theory portion includes Pennsylvania Cosmetology law. Those who successfully complete the total 200 hours of the program will be eligible to apply for a State Board of Cosmetology examination for licensure in Nail Technology. Nail kit and certification costs are the student's responsibility.

*Uniform:* Cosmetology t-shirt or sweatshirt, solid black jeans, khakis, capris, or skirt, black shoes.

#### ADULT & CONTINUING EDUCATION CENTER OFFERINGS

Classes meet daily from 1:30–3:00 PM

##### Introduction to Automotive Technology

Students learn fundamentals necessary to service, diagnose, and repair vehicles in preparation for entry-level employment. The curriculum was developed to align with NATEF (National Automotive Training Education Foundation) and ASE (Automotive Service Excellence) requirements.

*Uniform (approximately \$60):* Red Auto Tech t-shirt or sweatshirt, jeans or khakis, closed toe shoes (preferably steel toe boots). Costs are the student's responsibility.

*Tool Kit (approximately \$125):* Costs are the student's responsibility.

##### Introduction to Welding Technology

Students gain the necessary skills, as well as safety and technical information, to successfully understand and complete the welding process. The program includes math & measurement, introduction to hand tools, and blueprint reading. Students learn the required techniques and skills needed to pass the AWS D1.1 3G Certification that may be required for employment.

*Uniform (approximately \$60):* Black Welding Technology t-shirt or sweatshirt, jeans, steel toe boots. Costs are the student's responsibility.

*Tool Kit (approximately \$300):* Costs are the student's responsibility.

##### Introduction to Mechatronics & Industrial Controls

This program prepares students for a career as an industrial maintenance technician or a mechatronics technician. Students will study robotics and motion control and mechanical design. In addition, students build and program automated machines, wire and solder electrical circuits, and test and debug programmable logic controllers.

*Uniform (approximately \$60):* Green Engineering t-shirt or sweatshirt, jeans or khakis, sneakers or closed toe shoes. Costs are the student's responsibility.

*Tool Kit (approximately \$700):* Costs are the student's responsibility.



## FULL-TIME (for juniors and seniors)

### YORK COUNTY SCHOOL OF TECHNOLOGY OFFERINGS

Classes meet daily from 8:00 AM–3:00 PM

#### Carpentry and Construction Technology (C&CT)

This career pathway enhances the potential to obtain positions in a variety of different construction fields. C&CT will prepare students for carpentry positions, building inspection positions, masonry positions, and heavy equipment operators. Students will have the opportunity to be involved in the designing, building, and remodeling of various commercial and residential projects. Graduates of this program may be able to gain immediate employment, enter an approved apprenticeship program, or continue further education.

*Uniform:* Gray uniform shirt, sturdy work boots (steel toe boots recommended). Costs are the student's responsibility.

*Credits:* 6 plus 2 academic credits for schedule.

#### Precision Metal Machining

Students learn to create metal parts by using manual machines such as a lathe, vertical mill, drill press, or surface grinder. Hands-on practice includes working metal into different shapes, reading precision instruments, measuring accurately, and creating a 3-D machined item. Graduates of this program may be able to gain immediate employment, enter an approved apprenticeship program, or continue further education.

*Uniform:* Orange uniform shirt, sturdy work boots (steel toe boots recommended). Costs are the student's responsibility.

*Credits:* 6 plus 2 academic credits for schedule.

### ADULT & CONTINUING EDUCATION CENTER OFFERINGS

#### Automotive Technology – Evening Program

Note that classes in this program meet from 4:00–9:30 PM, Monday through Thursday

The Automotive Technology course is designed to allow students who seek specialized training in the automotive industry the opportunity to learn fundamentals necessary to service, diagnose, and repair vehicles that are essential to entry level employment. Those fundamentals include repair or replacement of brakes and other faulty equipment, performing routine maintenance services such as oil changes lubrications, and the skills needed to confer with customers to be able to accurately diagnose the vehicle. The curriculum was developed to align with NATEF (National Automotive Training Education Foundation) and ASE (Automotive Service Excellence) requirements. Students in the full-time course have the ability to earn their State Inspection and Emissions certifications.

*Class dates:* August 26, 2021–July 25, 2022

*Uniform:* Jeans or khakis, closed toe shoes (preferably steel toe boots). Costs are the student's responsibility.

*Textbooks & Toolkit (approximately \$375):* Costs are the student's responsibility.

*Credits:* 8 including 1 Math credit.



#### Cosmetology

The Cosmetology Program provides students with the skills needed to enter into the beauty industry. The course is designed in a manner that encompasses the knowledge and skills necessary to pass the State Board of Cosmetology licensing exam. Skills acquired in this program include hair cutting and styling, chemical texturing, and hair coloring. Hands-on skills will also be taught to provide an understanding of how to care for the skin as well as provide nail services. Students must be in attendance for 1,250 hours of the program to sit for the State Board of Cosmetology licensing exam.

Students will be required to purchase their own kits from Adult & Continuing Education. Pricing is \$800. If payment cannot be paid in full at start of school, \$400 is due on the first day of class followed by \$400 by January 4, 2022.

*Class dates:* August 26, 2021–July 1, 2022

*Uniform (approximately \$75):* Adult & Continuing Education smock and t-shirt, closed toe shoes. Costs are the student's responsibility.

*Textbooks & Toolkit (approximately \$980):* Cost are the student's responsibility.

*Credits:* 8 including 1 Technical Math credit and 1 Applied Science credit.

#### Heating, Ventilation and Air Conditioning (HVAC) Technology

Note that classes in this program meet from 4:00–9:30 PM, Monday through Thursday

Students learn a variety of technical tasks related to installing, maintaining and repairing heating, cooling, and ventilation related systems. Skills prepare students to install heating or air conditioning equipment, understand blueprints, and discuss heating or cooling system malfunctions with users. This course is 900 hours in length.

*Class dates:* August 26, 2021–July 25, 2022

*Uniform (approximately \$75):* Jeans or khakis, closed toe shoes (preferably steel toe boots). Costs are the student's responsibility.

*Textbooks & Toolkit (approximately \$600):* Costs are the student's responsibility.

*Credits:* 8 including 1 Math credit.

#### Mechatronics/Industrial Controls Technology

Mechatronics is an industry in high demand within manufacturing in which students learn skills that include troubleshooting techniques for pneumatic and hydraulic equipment, the ability to repair, test, adjust or install electronic equipment within a manufacturing setting such as a Programmable Logic Control (PLC), and blueprint reading.

*Class dates:* August 26, 2021–April 29, 2022

*Certifications:* Siemens Level 1 and OSHA 10

*Uniform:* Forest green polo shirt or sweatshirt, jeans or khakis and sneakers or closed toe shoes. Steel toe boots will be needed during the welding portion of the course.

*Textbooks & Toolkits (approximately \$1,234):* Costs are the student's responsibility.

*Credits:* 8 including 1 Technical Math credit.

#### Medical Assistant

The Medical Assistant Program allows students to develop skills in both administrative duties, such as scheduling appointments and maintaining medical records for insurance purposes; and clinical procedures, including taking and recording vital signs, preparing patients for examination and drawing blood. Students will also take part in a 200-hour required externship portion in which Adult & Continuing Education will assist with placement.

To participate in this program, students must be 18 years of age by 2/1/22.

Before beginning the externship, students must complete the following: physical examination, drug screen, blood tests (CBC, Hepatitis B Titer, Rubella & Rubella Titer), updated immunizations (current 2-step PPD), Criminal History report, and FBI and Child Abuse Clearance report. Requirements may vary depending upon externship's policy. Students also will be responsible for their transportation to and from the externship site.

*Class dates:* August 26, 2021–April 18, 2022

*Uniform (approximately \$60):* Adult & Continuing Education scrubs, closed toe shoes are required. Costs are the student's responsibility.

*Textbooks & Toolkit (approximately \$1,125):* Costs are the student's responsibility.

*Credits:* 8 including 1 Applied Science credit.