

2022-2023

Career & Technical Education

FLEX PROGRAMS

Available for qualified high school juniors and seniors in 14 participating school districts in York County.



**Adult & Continuing
Education Center**

at York County School of Technology

Education That Pays
in partnership with



Overview

The York County School of Technology Flex Program provides additional Career & Technical Education (CTE) opportunities for students residing in the fourteen (14) participating school districts in York County. The York County School of Technology (YCST) offers part time (PT) Flex Programs through the high school and both full time (FT) and part time (PT) Flex Programs through the YCST Adult & Continuing Education Center.

The Adult & Continuing Education Center is self-supporting through tuition charges, state subsidy, and state and federal grants, with no dollars contributed by the general fund (sending districts). As such, the Adult & Continuing Education Center has separate funding, revenue and expenditure from the high school.

Students who enroll in any of the Flex Programs must follow all York County School of Technology High School and Adult Education rules and regulations. This includes purchasing and wearing school uniforms. Interested students should apply through their school counselor. All classes are held at the YCST campus.

Flex students will graduate with their class at their sending school with a High School Diploma. An interview with their school counselor will ensure that graduation requirements are met. Any academic courses that are needed to graduate will be taken online. Students that successfully complete a full-time Flex Program will also graduate from the Adult & Continuing Education Center with a Postsecondary Diploma.

Funding of Flex Programs

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.

High School Flex Programs are offered on a part-time basis through the high school. Students enrolled in these programs will be included in the York Tech Average Daily Membership (ADM's). No additional tuition will be billed for these programs as they are taught by YCST High School teachers. Student membership will be attributed back to the sending school district and included in the year end budget reconciliation.

Adult & Continuing Education Flex Programs are offered on both a part-time and full-time basis. Because these programs are taught by Adult Education Instructors, participating school districts will be invoiced in addition to regular high school tuition.

Qualities of Flex Program Students

The York County School of Technology along with Adult and Continuing Education offers a unique opportunity for students through Flex Program offerings. Students that make the decision to apply to these programs will take part in a different educational experience with different challenges. Qualities that we believe will help students be successful in the Flex Programs include good communication skills, strong attendance, independence with cyber course work, and preparation for class (uniform, books, tools). Students should consider these qualities while working through the application process.

Admission 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).
- 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 to your school counselor between March and May 2022.

Application Submission

Applications can be found at ytech.edu or educationthatpays.com

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 and York County School of Technology to determine appropriateness of placement and to ensure graduation requirements are met.

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 & Industrial Controls Technology students will be provided transportation until program completion.

Medical Assistant students will be provided transportation until they reach the externship portion of the program, at which time 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 program completion.

Flex Programs Schedule

Full-Time Evening Flex Programs

August 25, 2022 - July 2023
Monday - Thursday 4:00 PM - 9:30 PM

Full-Time Day Flex Programs

August 25, 2022 - TBD, 2023
Monday - Friday 8:00 AM - 3:00 PM

Part-Time Flex Programs

August 31, 2022 - May 12, 2023
Monday - Friday 1:30 PM - 3:00 PM

Part-Time Flex Programs

Offerings through

York County School of Technology High School

Classes meet daily from 1:30 PM–3:00 PM
11th and 12th grade students



Construction Technician

Classes include Electrical Occupations, Heating Ventilation/Air Conditioning, 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 (approximately \$60): Plain black t-shirt, jeans or khakis, work boots. Costs are the student's responsibility.



Nail Technology

This program includes a practical and theoretical study of nails. The theory portion includes Pennsylvania Cosmetology law. Students 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. This cost is approximately \$300.

Uniform (approximately \$60): Cosmetology t-shirt or sweatshirt, solid black jeans, khakis, capris, or skirt, black shoes. Costs are the student's responsibility.

Part-Time Flex Programs

Offerings through Adult & Continuing Education Center

Classes meet daily from 1:30 PM–3:00 PM
11th and 12th grade students



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.

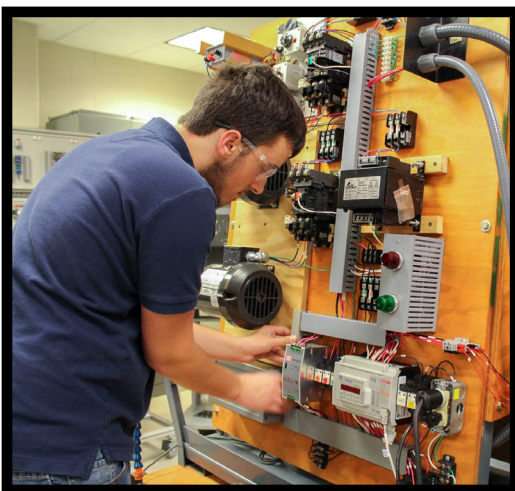


Introduction to Welding Technology

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 work boots. Costs are the student's responsibility.

Tool Kit (approximately \$300).



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 Flex Programs

Offerings through

York County School of Technology High School

12th grade students

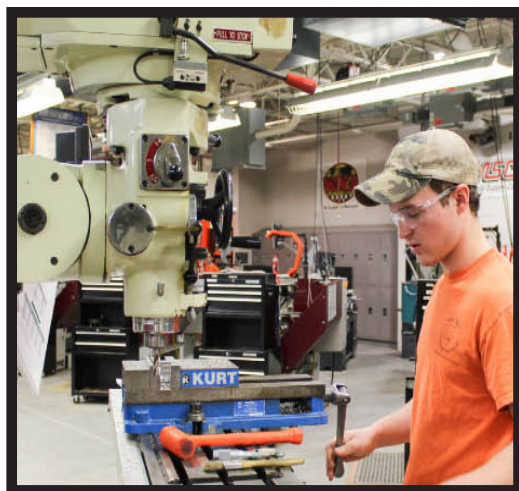


Carpentry & Construction Technology (C&CT)

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 inspections 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 (approximately \$60): Gray uniform shirt, sturdy work boots (steel toe 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.

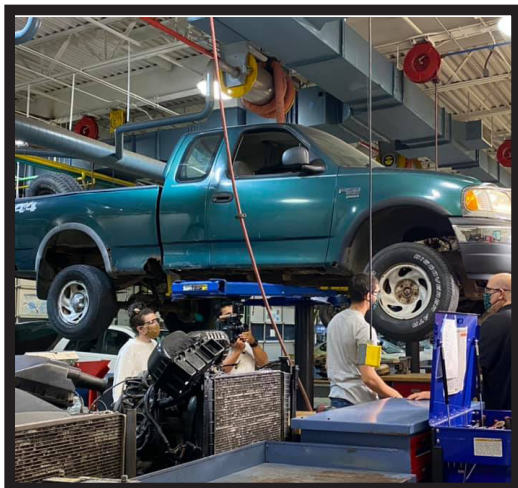
Uniform (approximately \$60): Orange uniform shirt, sturdy work boots (Steel toe recommended). Costs are the student's responsibility.

Credits: 6 plus 2 academic credits for schedule.

Full-Time Flex Programs

Offerings through Adult & Continuing Education Center

12th grade students



Automotive Technology

Evening Class

The Automotive Technology course is designed to allow students who seek specialized training in the automotive industry the opportunity to learn the service, diagnosis, and repair skills that are essential to entry level employment. These fundamentals include repair or replacement of brakes and other faulty equipment, performing routine maintenance services such as oil changes, lubrications, and 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. This course is 900 hours in length.

Uniform: Gray uniform t-shirt, jeans or khakis, and closed toe work boots (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.

Welding Technology

Evening Class

The Welding Technology Program will allow students to graduate from an American Welding Society (AWS) approved school with the skills needed to have a successful career as a certified welder. Courses include: Blueprint reading, Oxy Fuel Welding, Shielded Metal Arc Welding, Gas Metal Arc Welding, Gas Tungsten Arc Welding, Flux Cored Welding, Testing & Inspection. Students will also prepare for the AWS D1.1 FCAW 3G Limited Certification. This course is 900 hours in length.

Uniform (approximately \$60): Gray uniform t-shirt, pants, and work boots. Costs are the student's responsibility.

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

Credits: 8 including 1 Math credit.



Full-Time Flex Programs

Offerings through Adult & Continuing Education Center

12th grade students



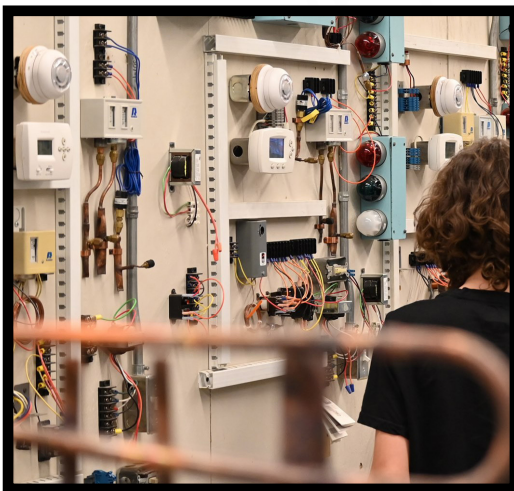
Cosmetology

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 the Adult & Continuing Education Center. Pricing is \$800.

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

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

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



Heating, Ventilation and Air Conditioning (HVAC) Technology

Evening Class

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.

Uniform (approximately \$75): Gray uniform t-shirt, pants, and work boots. Costs are the student's responsibility.

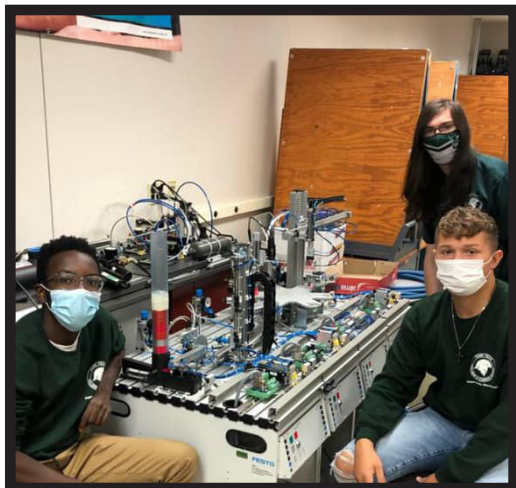
Textbooks & Toolkit (approximately \$600): Costs are the student's responsibility.

Credits: 8 including 1 Math credit.

Full-Time Flex Programs

Offerings through Adult & Continuing Education Center

12th grade students



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. Certifications: Siemens Level 1 and OSHA 10. This program is 900 hours in length.

Uniform (approximately \$75): Grey uniform t-shirt or sweatshirt, jeans or khakis and sneakers or closed toe shoes. Steel toe work boots will be needed during the welding portion of the course. Costs are the responsibility of the student.

Textbooks & Toolkit (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, 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.

To participate in this program, students must be 18 years of age by 2/1/23.

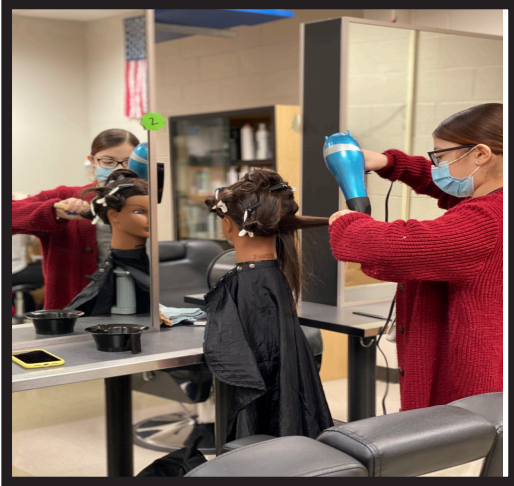
Before beginning the externship, students must complete the following: required clearances, physical exam, drug screen, updated immunizations including varicella, MMR, TDAP, and Hepatitis B (or positive titer results), and current 2-step PPD. Also required: flu shot for externships that meet between 10/1/22 and 4/30/23.

Uniform (approximately \$60): Adult & Continuing Education scrubs and 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.

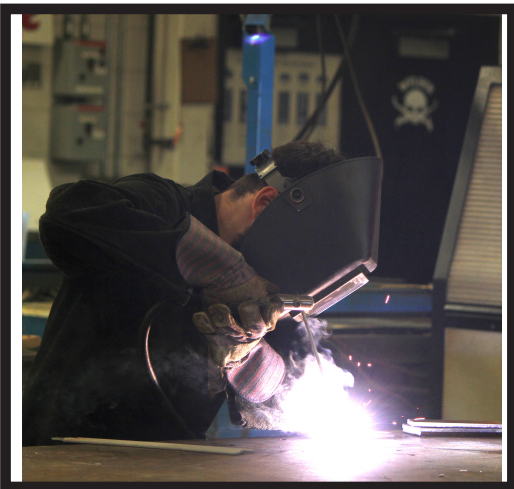
York County School of Technology Nondiscrimination Statement



The York County School of Technology shall not discriminate against any student, employee or applicant for admission or employment, or in its activities or programs, on the basis of race, color, religious creed, ancestry, union membership, age, gender, sexual orientation, gender expression or identity, national origin, AIDS or HIV status, or disability.

Inquiries may be directed to Mr. Gerry Mentz, Director of Student Services, at 2179 S. Queen Street; York, Pennsylvania 17402; or 717-741-0820 x5108. Email GMentz@ytech.edu.

 Adult & Continuing
Education Center
at York County School of Technology



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Las preguntas pueden dirigirse al Sr. Gerry Mentz, Director de Servicios Estudiantiles, al 2179 S. Queen Street; York, Pennsylvania 17402; o 717-741-0820 x5108. Correo electrónico GMentz@ytech.edu.

Learn more today!

For more information or to apply, contact your school counselor.

You can find more program information and videos at

York County School of Technology
ytech.edu

Adult and Continuing Education Center
educationthatpays.com



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