

Delaware County Technical High Schools

Delaware County Technical High Schools are located at two main campuses in Aston and Folcroft. Programs are also held at seven (7) partnering hospitals. Students from the 15 area school districts have the opportunity to enhance their educational program with career and technical experiences that are directly connected to the real world. Business and Industry members review and update the career and technical education (CTE) programs offered by DCTS on a yearly basis. Apply to DCTS today by clicking here!

Delaware County Technical School Courses		
960AH 3.0 Credits	Health Occupations 2 Semesters	This course includes anatomy and physiology, medical terminology, nutrition, medical procedures, emergency and clinical care, and health care issues. Clinical education is an integral part of the program.
960AT 3.0 Credits	Automotive Technology 2 Semesters	DCTS has the distinction of being among a small number of schools and colleges to be selected to participate in the AYES program, a partnership with General Motors, Daimler Chrysler, BMW, Honda, Hyundai, Subaru, Toyota, Mitsubishi Motors, Nissan, Volkswagen, Audi, and Mercedes Benz corporations. This program gives DCTS students a competitive edge by allowing them to work directly on new cars with technicians experienced in the field and at dealerships.
960 BM 2 or 3 Credits	Biomedical Technology & Laboratory Sciences	Delaware County Technical High School is offering NEW PROGRAM for high school students interested in pursuing careers in pathology, biomedical engineering, genetics, medical technology, molecular and cellular biology. This program provides students with the knowledge and hands on experience necessary to be successful in medical technology and laboratory science careers. Students will use state of the art equipment to learn the principles of scientific investigation and how it is applied to agriculture, environmental health, forensics, genetic engineering, and medicine. An emphasis will be placed on DNA fingerprinting, polymerase chain reaction, microbiology, and immunology. Student leaving this program will have the strong foundation necessary to pursue post-secondary and career opportunities.
960BT 3.0 Credits	Building Trades 2 Semesters	Practical experience and classroom training prepares students enrolled in the Building Trades program to find employment in the construction field or enter a post-secondary institution. Students are taught carpentry, masonry, plumbing, roofing, drywall application, painting, and framing/finishing.
960 CFSMA 3.0 Credits	Composite Fabrication And Sheet Metal Assembly 2 Semesters	Description to come.
960CM 3.0 Credits	Cosmetology 2 Semesters	The Cosmetology Program is a three-year standards-based education program. The 1250 hours required for this course are earned when a score of 80% or above is achieved for each individual unit, which includes both theoretical and hands-on training. Students learn haircutting, coloring, manicuring, facials, hairstyling, and shampoo techniques and treatments.
960CA	Culinary Arts and Hospitality	Culinary Arts and Hospitality prepares students for success in our nation's number one employer, the food service and hospitality industry. Students are

3.0 Credits	2 Semesters	taught food preparation, dining service, inventory control, safety, sanitation, and management skills. Our students also learn food nutrition, healthy cooking, equipment identification, use of hand tools and culinary vocabulary. <i>We are the only high school Culinary Arts program in this part of Pennsylvania to be certified by the American Culinary Federation.</i>
960CN 3.0 Credits	Computer Network and Digital Forensics 2 Semesters	This course is designed to provide a broad background in electricity, the operation and application of electric circuits, and the physics of electric current flow.
960CP 3.0 Credits	Carpentry 2 Semesters	The Carpentry program prepares students for employment in residential home remodeling and light commercial construction industries. The curriculum covers the use of hand and power tools, blueprint reading, estimating, and scheduling of construction operations. Students are introduced to concrete form building, placing, reinforcing, and finishing.
960CR 3.0 Credits	Collision Repair 2 Semesters	DCTS's Collision Repair Technology course is based on an occupational analysis of the auto body field and reflects the job requirements of ICAR (Inter-Industry Conference on Auto Collision Repair) and the Automotive Collision Technology standards. Using state-of-the-art equipment, students are taught MIG welding/cutting, metal repair, corrosion protection, masking, refinishing, undercoating, unibody inspection and detailing.
960 3.0 Credits	Dental Technology 2 Semesters	Description to come.
960EC 3.0 Credits	Early Childhood Education 2 Semesters	The Early Childhood Education (ECE) program prepares students to work with young children in a variety of settings that require an understanding of how children grow, learn, and develop. The curriculum is aligned with the National Child Care Association's core of 15 "Professional Abilities."
960EP 3.0 Credits	Emergency and Protective Services 2 Semesters	The Emergency and Protective Services (EPS) program offers a comprehensive public safety education to students interested in pursuing a career or volunteering in the emergency medical, law enforcement, fire, security, industrial safety, or emergency management services.
960HV 3.0 Credits	Heating and Air Conditioning 2 Semesters	This course prepares students to apply the technical knowledge and skills necessary to install, repair and maintain commercial, industrial, and residential heating, air conditioning and refrigeration systems. The course is taught in compliance with the standards established by the National Association for Testing Excellence (NATE) and the Air Conditioning Contractors of America (ACCA).
960IM 3.0 Credits	Interactive Multimedia and Design 2 Semesters	Interactive Multimedia is a computer graphics program that introduces students to technology-based desktop publishing, multimedia design and production skills. Students learn the concepts of color and design and their use in computer-based graphic design. They also learn animation, sound, video, and graphics editing in the multimedia class

960IR 3.0 Credits	Electrical Construction Technology 2 Semesters	The Industrial and Residential Electricity program introduces students to the basic concepts of residential and commercial wiring. Students install circuits, switches, conductors, circuit breakers and other electrical devices. Skills are taught in compliance with the National Electrical Code (NEC) industry standards.
960LS 3.0 Credits	Environmental Landscape and Equipment Operations 2 Semesters	As a member of the Landscape & Greenhouse Operations class, students learn the principles and skills that lead to successful careers in the fields of landscape design/maintenance, nursery and greenhouse production/operations, and floral arts.
960MH 3.0 Credits	Logistic and Inventory Management 2 Semesters	Materials and Inventory Control introduces students to the distribution service industry. The course curriculum prepares students to work in distribution centers, warehouses, and supply rooms.
960WT 3.0 Credits	Welding Technology Welder 2 Semesters	This program prepares students to apply technical knowledge and skills in gas, arc, shielded and non-shielded metal arc, brazing, flame cutting and plastic welding. Hand, semiautomatic, and automatic welding processes are also included in the instruction. Students learn safety practices and types and uses of electrodes and welding rods; properties of metals; blueprint reading; electrical principles; welding symbols and mechanical drawing; use of equipment for testing welds by ultrasonic methods and destruction and hardness testing; use of manuals and specification charts; use of portable grinders and chemical baths for surface cleaning; positioning and clamping; and welding standards established by the American Welding Society.
966 3.0 Credits	Honors Medical Technology 2 Semesters	This course is a perfect match for the student interested in the healthcare field and would like to learn more about available options. In this program the hospital becomes the classroom. Crozer Keystone Health Systems will offer a clinical rotation through different departments. Students will work alongside medical professionals to learn the importance of communication with patients. Classroom instruction will be given on the study of body systems, anatomy, infection control, and process of illnesses and injury. Medical terminology and core patient care skills such as taking vital signs, assisting with activities of daily living, and sterile techniques will be taught. This course carries an honors weighted grade.