



STEEL CENTER AREA VOCATIONAL TECHNICAL SCHOOL
 565 Lewis Run Road Jefferson Hills, PA 15025
 Telephone: 412.469.3200
 Fax: 412.469.8346



APPLICATION FOR STUDENT ADMISSION

(Please Print Clearly)

Last Name _____ First Name _____ Middle Initial _____

High School _____

Resident School District _____

Current Grade: 9 10 11 12

Birth Date _____ / _____ / _____
 Month Day Year

- FOR DISTRICT USE - Applications should be submitted with the following:**
- IEP or 504 provided (If applicable)
 - Transcript provided
 - PSSA Scores provided
 - PA Secure ID# _____
 - PIMS Student Snapshot Template
 - PIMS School Enrollment Template

Parent or Guardian Information

Name (Title) _____ (First) _____ (Last) _____

Email Address _____

Address (Number/Street/City/Zip) _____

Home Phone (____) _____ - _____ Work Phone (____) _____ - _____ Cell Phone (____) _____ - _____

Selection of Courses Select 3 programs of interest, **1** being your first choice, **2** your second, **3** your third.

****Cluster Programs** (Students who enroll in these courses will spend time in each course within the cluster)

- | | | |
|---|--|--|
| <p><u>Automotive Cluster</u></p> <p>_____ Automotive Mechanic</p> <p>_____ Collision Repair</p> <p>_____ Diesel Engine Mechanic</p> <p><u>Individual Programs</u></p> <p>_____ Computer Aided Drafting</p> <p>_____ Cosmetology</p> <p>_____ Electronics Engineering</p> <p>_____ Health/ Medical Assistants</p> <p>_____ Machinist Technician</p> <p>_____ Protective Services</p> | <p><u>Construction Cluster</u></p> <p>_____ Building Trades</p> <p>_____ Maintenance</p> <p>_____ Carpentry</p> <p>_____ Electrical Construction</p> <p>_____ Heating, Air Conditioning and Refrigeration</p> | <p><u>Food Service Cluster</u></p> <p>_____ Baker/ Pastry Chef</p> <p>_____ Food Service</p> <p>_____ Retail Food Merchandising and Production (Meat Cutting)</p> <p><u>Technical Cluster</u></p> <p>_____ Advertising and Design</p> <p>_____ Computer Programming and Information Technology</p> <p>_____ Computer Information Systems</p> |
|---|--|--|

SESSION (For Counselor Use)
AM **or** **PM**

Student's Signature _____ **Date** _____

District Guidance Counselor's Signature _____ **Date** _____

Parent/Guardian Signature _____ **Date** _____

****Cluster Programs** (Students who enroll in these courses will spend time in each course within the cluster)

Automotive Cluster

Automotive Mechanics- Students receive classroom and hands-on instruction in the repair and maintenance of today's cars and light trucks. They utilize repair manuals, textbooks and computerized equipment to diagnose, troubleshoot and repair malfunctions within a car's many operating systems. Obtainment of a PA Vehicle Safety Inspection and Emissions certification are emphasized in the senior year.

Collision Repair and Refinishing- In an ASE certified shop students are instructed in the latest techniques and practices within the industry. Students study all phases of collision repair and restoration including damage analysis, structural / non-structural repairs, painting, welding and plastic repairs. Skills are put to the test as students perform work on actual customer vehicles.

Diesel Mechanics- Students in this program are trained to diagnose, troubleshoot and service all operational components and systems of cars, heavy trucks, buses and construction equipment. Small engine repair, such as the 2 and 4 stroke engines found in lawn and garden equipment, is also covered.

Food Service Cluster

Baking / Pastry Chef- Working under the same production conditions found in most commercial baking establishments, students learn how to properly use tools and equipment, weigh and measure ingredients, mix and bake recipes, as well as package and store the finished product.

Food Service- Through classroom theory and hands-on experiences in a fully equipped commercial kitchen, students learn the basics of food preparation used by most restaurants, banquet facilities, caterers and institutions. Advanced instruction covers specialty cooking, menu planning, purchasing and management skills.

Retail Food Merchandising and Production- Through the operation of the school's Meat Shop, Deli and Smokehouse, students learn to identify, process and prepare various types of meats, seafood, and deli products. Proper handling and cutting procedures, equipment operations, wrapping and pricing, display and customer services are all part of the training.

Construction Cluster

Building Trades Maintenance- Students in this program become skilled in the installation, repair and maintenance of the structural and operating systems found in schools, hotels, hospitals, manufacturing plants and apartment complexes. Basic trade knowledge and skills are developed through applications in plumbing, electrical wiring, masonry, drywall and remodeling.

Carpentry- All phases of carpentry are taught in this program as students complete both residential construction and remodeling projects. A multiple room house is actually built within the shop for students to develop skills in tool usage, framing, flooring, drywall, staircase construction, window installation, siding and roofing.

Construction Cluster (Continued)

Electrical Construction- From layout and assembly to installation, testing and maintenance of power systems, this program takes a broad-based training approach to preparing students for the electrical industry. With hands-on and classroom instruction, students learn the trade practices used in the residential, commercial and industrial fields and all in accordance with national electrical code. Specialty areas include high voltage lines, electrical distribution system and C-Tech certification for network cabling. The Home Builders' Institute certification is also covered.

Heating, Air Conditioning and Refrigeration- Students receive instruction and practical experience in the installation, troubleshooting and repair of heat pumps, high efficiency and standard furnaces, refrigeration units and air conditioning systems found in residential and commercial facilities. The assembly and installation of pipes, ducts, motors, compressors, electronic-controlled devices and thermostats is covered. Instruction is also provided in the proper techniques of refrigerant recovery, reclaiming and recycling to prepare for the EPA refrigerant certification test. Certificate from Home Builders' Institute is also a part of the curriculum.

Technical Cluster

Advertising & Design- Students in this program put their artistic talents to the test to create a variety of print and visual media projects. Using such software as Adobe Illustrator, Adobe InDesign and Adobe Photoshop, they produce posters, CD covers, web pages, greeting cards, advertisements, business stationery and more. Printing processes including duplicator operation and bindery equipment, as well as digital photography and air brushing are also covered.

Computer Information Systems- This program is designed to introduce students to software applications and computer networking. Through instruction and hands-on training, students learn to identify various types of operating systems, hardware devices, storage devices, Internet Service Providers, Internet Services such as E-Commerce, World Wide Web, and FTP (File Transfer Protocol). They also learn to utilize MS Power Point, MS Access, Front Page Web Design, Basic HTML Code, Visual Basic Programming, Local Area Networking, TCP/IP, and Networking OSI Model.

Computer Programming & Information Systems- Programming skills will be learned and applied in Web Design and Development, Database Programming (SQL), Game Development, Phone Apps and Robotics Programming. Students may become a part of the web site development team responsible for the design and maintenance of the web pages for Steel Center and local organizations. Complete Computer Networking training is provided through the CISCO curriculum.

Individual Programs

Computer Aided Drafting- Students with interests in drafting, engineering and architecture learn to read, interpret and develop technical drawings for construction projects. These projects involve buildings, highways and bridges as well as machines, machined parts and utility systems. Landscaping design, interior design and surveying are also covered.

Cosmetology- This comprehensive program provides students with the tools they need to become licensed professionals. A specialized curriculum consists of 1250 hours of instruction required by the PA State Board of Cosmetology. Students learn the latest techniques in the care and treatment of hair, skin and nails.

Electronics Engineering- From computers, printers, cell phones, faxes and copiers to CD and DVD players, video games, digital cameras and more, electronic equipment affects how we work, live and play. Utilizing a computerized training system, students in this program learn to diagnose, troubleshoot, repair and assemble all of today's electronic devices, including digital technology. Students will be introduced to the exciting field of mechatronics engineering and may also elect to take the ETA exam for Certified Electronics Technicians.

Health/Medical Assistants- A first step toward a rewarding career in health care, this program prepares students to assist medical professionals with the examination, treatment and care of patients in doctors' offices, hospitals, and specialized care facilities. Upon successful completion of the program, students may elect to take the exam for the PA State Nurse Assistant certification.

Machinist Technician- In a state-of-the-art facility, students use manual and computerized machining equipment to cut, drill or shape metal and non-metal materials. Operating lathes, mills, grinders and shapers, students produce machine parts with an extremely high degree of accuracy. Completion of projects for NIMS certification is emphasized during the third year.

Protective Services- Through theory and practical applications, students in this program acquire the necessary skills to perform entry-level duties as an emergency medical technician, firefighter and police officer. They learn the proper procedures for handling matters of public safety in the areas of criminal justice, emergency medical care, emergency management and fire protection. Preparation and testing for the First Responder certification are also provided.

NONDISCRIMINATION POLICY It is the policy of Steel Center Area Vocational Technical School not to discriminate on the basis of race, sex, sexual orientation, religious creed, color, national origin, ancestry, age, disability, or limited English proficiency, in its educational programs, services, facilities, activities or employment policies as required by Title IX of the 1972 Educational Amendments, Title VI and VII of the Civil Rights Act of 1964 as amended, Section 504 Regulations of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, Section 204 Regulations of the 1984 Carl D. Perkins Act or any applicable federal and state statutes. An open equitable personnel system will be established and maintained. Employment opportunities shall be provided for applicants with disabilities and reasonable accommodation(s) shall be made to meet the physical or mental limitations of qualified applicants or employees. Any employee or student, who believes they have been discriminated against, may file a complaint or discrimination with any of the following: Director of Human Resources; Allegheny Intermediate Unit, 475 East Waterfront Drive Homestead, PA 15120 Phone: 412-394-5957.

QUALITY POLICY To meet the changing workforce needs of our region through continuous improvement of career and technical education.

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