



# FORBES ROAD CTC

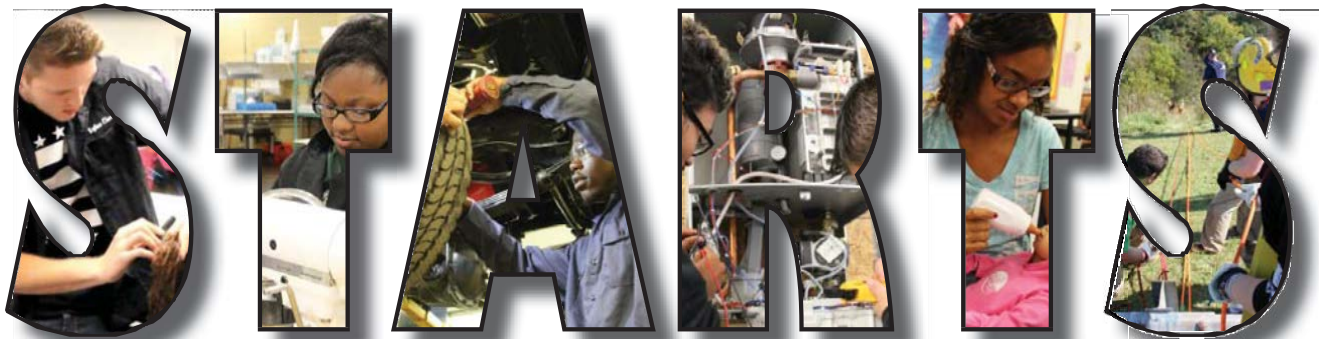
607 BEATTY ROAD • MONROEVILLE, PA 15146 • 412-373-8100 • FORBESROAD.COM

## Programs Offered

Advanced Manufacturing  
 Advertising Design  
 Automotive Technology  
 Building Construction Technology  
 Collision Repair Technology  
 Computer Networking & Security

Cosmetology  
 Culinary Arts  
 Diesel Technology  
 Early Childhood Education  
 Electrical Technology  
 Emergency Response Services

Health Science Technology  
 Heating, Ventilation & Air Conditioning  
 Landscape Design  
 Multimedia Design  
 Warehouse Management



The mission of Forbes Road Career and Technology Center is to provide a quality educational program that enables all individuals to achieve their fullest potential and become life long learners. Students will be equipped with the technical, academic and human relation skills necessary to compete in the global marketplace.

Contact your  
 School Counselor

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## Architecture/Construction

**Building Construction Technology** .....CIP 46.9999  
Building Construction Technology students gain technical knowledge as well as practical hands-on training in the trade which includes carpentry, plumbing, electrical, masonry and blueprint reading. Individuals learn to apply technical knowledge and skills in the maintenance and repair of residential and commercial buildings.

**Heating, Ventilation & Air Conditioning** .....CIP 47.0201  
The program trains students to become qualified HVAC technicians and mechanics. A major portion of the instruction focuses on how to install, diagnose, service and maintain residential and commercial control wiring of HVAC systems.

**Electrical Technology** .....CIP 46.0399  
Electrical Technology prepares students for entry level electrical and electronics careers. Their technical applications include green technology instruction within this state-of-the-art electrical laboratory. Computerized training equipment is utilized to prepare the students for careers in the "high-tech" electrical field.

**Landscape Design** .....CIP 01.0601  
Landscape Design prepares students to be employees of nurseries, greenhouses, florists or landscape businesses. The curriculum includes turf management, landscape design and safety, pest and disease management and irrigation. Students obtain practical skills on our 42 acre campus and in the new greenhouse.

## Arts/Communications

**Advertising Design** .....CIP 50.0402  
The field of advertising and commercial art requires a person who possesses a wide range of creative skills. The curriculum includes the foundation for all creative/design fields. Students apply the design principles to create a variety of products and printed materials - to reach and compel the target audience to purchase products and services.

## Health Careers/Law Enforcement

**Emergency Response Services** .....CIP 43.9999  
This program is for students interested in pursuing a career, volunteer service or post-secondary education in emergency medical, law enforcement, fire or emergency management services. ERS provides training in a fully equipped lab including a fire tower and fire truck.

**Health Science Technology** .....CIP 51.0899  
This program provides students with the hands-on training necessary to offer care to patients while working alongside other qualified health care professionals. Students will be taught basic nursing skills, Anatomy & Physiology and care of the patient with common diseases. CPR, First Aid, Bloodborne Pathogens and Direct Care Staff Worker are certifications that the students may obtain.

## Information Technology

**Computer Networking & Security** .....CIP 11.0901  
This exciting technical course prepares students to design, maintain and secure today's Information Technology (IT) Systems. Network Security Specialists acting as Ethical Hackers prevent data loss from cyber-attacks protecting valuable data. Network Security Specialists are in demand in Law Enforcement, corporations and government.

**Multimedia Design** .....CIP 11.0801  
This program allows students to be creative with design presentations for entertainment, industrial and commercial applications. This curriculum utilizes digital/video cameras and projectors in conjunction with computers. Students create animations, manipulate photographs, create presentations and web pages.



## Manufacturing

**Advanced Manufacturing** .....CIP 48.0501  
Advanced Manufacturing is a high paying field that requires both technical knowledge and hands-on training. Students will read blueprints, cut, shape, and finish metal products on state-of-the-art computer controlled machines. Student projects include making motorcycle parts, race car parts, machinist tools and combat robots.

## Service Occupations

**Cosmetology** .....CIP 12.0401  
This program builds skills for a variety of careers within the cosmetology industry. The course includes skills in hair, skin and nail care as well as salon procedures. Upon completion of the required hours, students will be eligible to take the PA State Boards.

**Culinary Arts** .....CIP 12.0508  
The Culinary Arts course offers instruction in the commercial restaurant industry including: gourmet and fine dining, customer service, menu planning, cost-control, sanitation and hygiene. The curriculum encompasses the complete food cycle including nutrition, ordering processes, menu design and presentation skills.

**Early Childhood Education** .....CIP 19.0708  
The course encompasses all phases of early childhood development including physical, social, emotional and intellectual. The curriculum also includes nutrition, guidance, discipline, the value of play and the science of child development.

## Transportation

**Automotive Technology** .....CIP 47.0604  
Automotive Technology provides instruction covering a wide range of skills for the high-tech automotive industry. This includes engines, computer diagnostics, maintenance, repair and the opportunity to earn a PA State Inspection and Emissions Certification.

**Collision Repair Technology** .....CIP 47.0603  
The program provides the skills necessary to transform a wrecked vehicle into a masterpiece. Students receive instruction with state-of-the-art equipment for replacing or repairing auto body parts. Students learn to customize vehicles with painting techniques.

**Diesel Technology** .....CIP 47.0613  
This program provides training on biodiesel, diesel, and gasoline powered medium/heavy trucks and equipment. This equipment is part of today's transportation, construction and manufacturing industries. Students can earn a PA State Inspection and Emissions Certification.

**Warehouse Management** .....CIP 52.0203  
This program will actively engage students in the process of receiving, storing, shipping, controlling and distributing products. Students will use conveyors, hand trucks and carts to transport materials/supplies. They will work in the Forbes shipping and receiving department.

### Ninth Grade Exploratory Program

Ninth Grade Exploratory program begins with a two week session in Career Exploration. Students will then participate in four programs including safety, theory and lab areas.