

Forbes Road Career and Technology Center

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 in the pursuit of high skill employment and advanced education. Each student shall be equipped with the technical, academic, human relations, and life-long learning skills necessary to adapt in a changing economy and to compete in the global marketplace.

Partner Schools

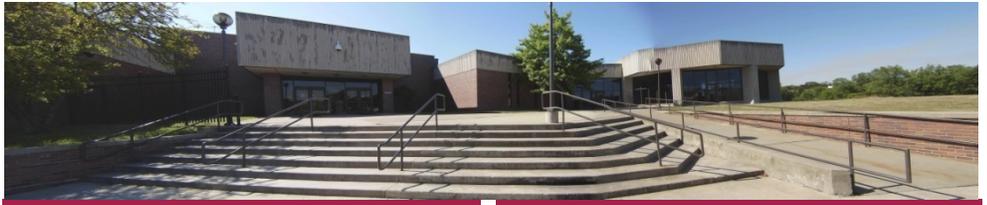
Allegheny Valley
East Allegheny
Gateway
Highlands
Penn Hills
Plum
Riverview
Wilkinsburg
Woodland Hills

Programs Offered

Advertising Design
Automotive Technology
Building Construction Technology
Child Care Services
Collision Repair Technology
Computer Networking & Security
Cosmetology
Culinary Arts
Dental Careers
Diesel Technology
Electrical Technology
Emergency Response Services
Health Science Technology
Heating, Ventilation & AC
Information Technology & Gaming
Landscape Design
Machine Tool Technology
Multimedia Design
Ninth Grade Exploratory Program
Power Line Services

Visit us at:

www.forbesroad.com



Construction

Building Construction Technology

The Building Construction Technology program provides practical training in the construction trades industry including: carpentry, plumbing, electrical, masonry and blue-print reading. A complete residential modular house is constructed from the ground up using Green Technology and is available for purchase.

Heating, Ventilation & Air Conditioning

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 for HVAC systems.

Electrical Technology

Electrical Technology prepares students for entry level electrical and electronics careers. Their academic and 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 emerging "high-tech" electrical field.

Landscape Design (NEW Program)

Landscape Design is a specialized curriculum designed to prepare students to be desirable employees of nurseries, greenhouses, florists, or landscape businesses. Both maintenance and establishment of lawns, as well as landscaping homes and businesses are included in the curriculum. The principles for design are included along with plant identification, budgeting, and cultivation procedures.

Power Line Services (NEW Program)

The Power Line Services program builds skills from the ground up. This curriculum will enable students to work in all phases of power line construction and maintenance. In the telecommunications component of the course students will learn: how to install, erect, and troubleshoot networks, computer networks, video systems, and fiber optics. Students will also learn the fundamentals of electricity, electronics, as well as line work.

Information Technology

Advertising Design

The field of advertising and commercial art requires a person who possesses a wide range of artistic and creative skills. This academic and technical curriculum provides many opportunities including production, illustrative techniques, computer graphics and photography. The course begins with simple line drawings and evolves into computer-generated imaging. Students create art that requires them to apply their technical skills to an advertising agency workplace.

Computer Networking & Security

This exciting academic and technical course prepares students to design, develop, support, and maintain the Information Technology (IT) systems which support every aspect of our global economy. The curriculum includes all aspects of network design, installation and troubleshooting in a "live work" laboratory working on actual customer computer and network equipment.

Information Technology & Gaming

This computer-based program introduces students to the world of video gaming, which begins with programming and leads into designing video games. Students learn specific computer skills to manage information and promote a business including web page development.

Multimedia Design

This program gives students the freedom to be creative with design presentations for entertainment, industrial, and commercial applications. This academic and technical curriculum provides the opportunity to utilize digital/video cameras and projectors in conjunction with computers, as well as the Internet. Students create animations, manipulate photographs, create pictures, work with drawing software, create presentations, podcasts and web design using state-of-the-art industry standard software.

Ninth Grade Exploratory Program

Students explore 3 CTE programs to determine their career interest. Then during the 4th quarter, they pick the one that is of the most interest to them.

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Transportation

Automotive Technology

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

Collision Repair Technology

The program provides the skills necessary to transform a wrecked vehicle into a personalized masterpiece. Students receive academic and technical instruction with state-of-the-art equipment for replacing or repairing auto body parts. Students gain competence in customizing vehicles through refinishing and painting techniques.

Diesel Technology

This program provides both academic and technical training covering diesel engines, as well as gasoline powered equipment and vehicles. Diesel trucks and heavy equipment are part of every aspect of today's transportation, construction, and manufacturing industries. This course offering provides the skills necessary to be employed within these industries. Additionally, students can also obtain PA state safety inspection and emissions licenses.

Manufacturing

Machine Tool Technology

Machine Tool Technology is a high paying and hands-on program. You'll learn to design and create metal objects that are useful in your everyday life. Students will read blueprints and cut, shape and finish metal products on state-of-the-art manual and computer controlled machines. Student projects have included making, motorcycle, atv, and race car parts, machinist tools, tattoo pen frame, paintball marker barrels, chess sets, ornaments, name tags, gears and 15lb combat robots.

FORBES ROAD CAREER AND TECHNOLOGY CENTER'S FAST FACTS

- Forbes offers 19 Programs of Study with state approved curriculum
- Students receive 3 high school credits for successfully attending Forbes Road
- 9th grade students can participate in a variety of Career Exploration programs
- Students can earn industry certifications and Pennsylvania Skills Certificates
- Students can play sports and participate in activities while attending Forbes
- Students can earn money and gain valuable work experience while in school

Service Occupations

Child Care Services

This program provides both academic and technical training through our ABC Childcare facility. The course encompasses all the phases of early childhood development including physical, social, emotional and intellectual. The curriculum also includes nutrition, guidance, discipline, and the value of play, literature, music, art, math and the science of child development.

Cosmetology

This program builds a foundation of both academic and technical skills for a variety of career opportunities within the cosmetology industry. The course includes skills in performing procedures in such areas as: hair, skin, and nail care as well as salon procedures. Related instruction is presented as it applies to the skills being demonstrated. Upon completion of the required 1,250 hours of instruction, students will be eligible to take the Pennsylvania State Boards to obtain a Cosmetology license.

Culinary Arts

The Culinary Arts course offers academic and technical instruction in the commercial restaurant industry including: gourmet and fine dining, customer service, menu planning, cost-control, sanitation and hygiene. The curriculum also provides the students the opportunity to learn the complete food cycle including nutrition, ordering processes, menu design, equipment use and maintenance, sanitation, food prep and presentation skills.

Health

Dental Careers

This program provides a combination of both academic and technical skills necessary to become employed in the Dental Career cluster. The skills provided in this course offering will guide a student to employment opportunities as dental assistants, receptionists, and dental laboratory assistants. Additionally, students prepare for the PA Radiology Exam.

Emergency Response Services

Emergency Response Services is for students interested in pursuing a career, volunteer service, or post-secondary education in emergency medical, law enforcement, fire or emergency management services. This program provides both academic and technical challenges with abundant training utilizing a fully equipped on-site lab including a fire tower, fire truck and ambulance.

Health Science Technology

With today's rapidly growing medical field, now is a great time to consider a career in health care. This pre-nursing course gives ample opportunity for both valuable academic and technical skill development through clinical experience in a health care setting. During this practical experience, students care for patients and perform skills under the direct supervision of a Registered Nurse. Career opportunities include: Nurses, Surgical Technicians, Vet Technicians, Physical Therapists, Occupational Therapists, Medical Office Assistants and more.

Contact Information:
Barry Balas, Guidance Counselor
412-373-8100 ext 221
barryb@forbesroad.com
or
Contact your high school
Guidance Counselor

STUDENTS CAN ATTEND COLLEGE AND ATTEND FORBES ROAD CTC

- 54% of our students continue their education in a 2 year, 4 year, or technical college program
- Students can earn 3 to 18 college credits for successfully completing Forbes Road CTC Programs of Study