

# EMT PUBLIC SAFETY

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## COURSE OBJECTIVE

Students will obtain education and skills in the areas of firefighting, police work and emergency medical technician. Students also receive additional training for possible emergency & security measures with the gas and oil industry. Students who choose to complete the Emergency Medical Technician portion of the program will be subject to drug testing and background checks.

## COURSE DESCRIPTION

This course provides three years of classroom and practical experience for entrance into the field of public safety via in-depth training to perform duties as a Police Officer, Firefighter, Emergency Medical Technician and other public safety-related careers. The application of Math, English, Communications, Science and Physics is demonstrated throughout the course. Students receive training in social and psychological skills, vehicle and equipment operations, the judicial system, pre-hospital emergency medical crew, fire prevention and control, hazardous materials and emergency management.

## COURSE TOPICS

Basic Civil Rights | Basic Firefighting | Basic Life Support/EMT | Basic Patrol Duties | Corrections Court Room Procedures | CPR/AED | First Responder | Hazmat Awareness  
National Incident Management System (NIMS) 100b, 700a | Security

## REQUIRED SUPPLIES

Leather Work Boots (Black) | Leather Work Gloves | Name Tag | Shop Shirt (Navy Button-Down)  
WACTC E&PS Patch | Watch with Second Hand | Workwear Pants (Navy)

## TEXTBOOKS

*AAOS Emergency: Care and Transportation of the Sick and Injured; 12<sup>th</sup> Edition; Jones and Bartlett; 2021*  
*AAOS Emergency Medical Responder; 5<sup>th</sup> Edition; Jones and Bartlett; 2012*  
*AHA BLS for Healthcare Providers 2020 Guidelines*  
*AHA Heart Saver CPR/First Aid/AED 2020 Guidelines*  
*International Fire Service Training Association Essentials of Fire Fighting, 7<sup>th</sup> Edition; 2018*

## **COOPERATING COMPANIES**

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Burgettstown VFD  
Canonsburg Ambulance–Allegheny Health Network  
Canonsburg VFD  
Chartiers Township Police Department–Houston, PA  
Howell Rescue Equipment–Genesis Rescue Systems: Anthony Fleming, Representative  
Life Flight, Canonsburg General Hospital  
STAT MedEvac–Washington, PA  
Washington City Bureau of Fire–Washington, PA  
Washington County Firemen’s Association–Washington, PA

## **SPECIALIZED SHOP EQUIPMENT**

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Automatic External Defibrillator (AED) | EMT Tools, Equipment and Back Boards  
Finger Printing Equipment | Fire Gear, Tools and Truck | Police Baton, Cuffs and Mock Guns

## **CLINICAL EXPERIENCE**

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Ambulance & Chair Service  
Butler Ambulance  
Canonsburg General Hospital/Canonsburg Ambulance–Canonsburg, PA  
Cranberry Township EMS  
Kirwan Heights Fire/EMS  
Robinson EMS  
Washington County Fireman’s Association Practice Grounds–Houston, PA

## **CERTIFICATIONS**

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American Heart Association: Bloodborne Pathogens  
American Heart Association: BLS for Healthcare Providers  
Emergency Management Institute: 100 Series; 200 Series; 700 Series; 800 Series  
Pennsylvania Dept. of Health: BLS for Healthcare Providers; Emergency Medical Technician (EMT); First Responder  
Pennsylvania State Fire Academy: Hazardous Materials First Responder Awareness; Recognition and Identification of Hazardous Materials  
Personal Protection Consultants, Inc.: OCAT® Oleoresin Capsicum Aerosol Training (Pepper Spray); PATH (Practical and Tactical Handcuffing); PPBT (Personal Protection Baton Tactics)

## **ARTICULATION AGREEMENTS**

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Belmont College

## **POST-SECONDARY TRAINING OPTIONS**

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Belmont College–Firefighter/Paramedic  
California University of Pennsylvania–Criminal Justice  
Center for Emergency Medicine of Western Pennsylvania, Inc.  
Community College of Allegheny County–Criminal Justice/Police Science  
Edinboro University of Pennsylvania–Criminal Justice/Police Science  
Pennsylvania College of Technology–Emergency Medical Technology  
Westmoreland County Community College–Fire Science/Firefighting

## **POTENTIAL CAREERS**

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Airport Fire Fighter | Communications Personnel | Corrections Officer | Emergency Medical Technician  
Fire Alarm Maintenance | Fire and Arson Investigator | Fire Police Personnel | Fire Protection Engineer  
Firefighter | First Responder | Hazmat Technician | Nursing | Paramedic | Police Officer | Security Officer  
Special Rescue Technician

## EMT PUBLIC SAFETY SKILLS

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**Judgment and Decision Making** — Considering the relative costs and benefits of potential actions to choose the most appropriate one.

**Active Listening** — Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate and not interrupting at inappropriate times.

**Critical Thinking** — Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

**Writing** — Communicating effectively in writing as appropriate for the needs of the audience.

**Speaking** — Talking to others to convey information effectively.

**Reading Comprehension** — Understanding written sentences and paragraphs in work related documents.

**Negotiation** — Bringing others together and trying to reconcile differences.

**Persuasion** — Persuading others to change their minds or behavior.

**Active Learning** — Understanding the implications of new information for both current and future problem-solving and decision-making.

**Coordination** — Adjusting actions in relation to others' actions.

**Equipment Selection** — Determining the kind of tools and equipment needed to do a job.

**Equipment Maintenance** — Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.

**Service Orientation** — Actively looking for ways to help people.

**Instructing** — Teaching others how to do something.

**Complex Problem Solving** — Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.

## WAGES AND EMPLOYMENT TRENDS FOR EMT PUBLIC SERVICE PERSONNEL

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### EMT/PARAMEDIC

Median Wages (2020)	\$17.62 Hourly, \$36,650 Annually
Number of Jobs (2019)	265,200 Employees
Job Outlook (2019-2029)	6% (Faster Than Average)
Employment Change (2019-2029)	17,000
Top Employers as of 2019	Health Care and Social Assistance, Government

### FIREFIGHTER

Median Wages (2020)	\$25.24 Hourly, \$52,500 Annually
Number of Jobs (2019)	335,500 Employees
Job Outlook (2019-2029)	6% (Faster Than Average)
Employment Change (2019-2029)	20,300
Top Employers as of 2019	Government

### POLICE OFFICER

Median Wages (2020)	\$32.35 Hourly, \$67,290 Annually
Number of Jobs (2019)	813,500 Employees
Job Outlook (2019-2029)	5% (Faster Than Average)
Employment Change (2019-2029)	40,600
Top Employers as of 2019	Government

Source: *Occupational Outlook Handbook*