

Law and Public Safety

Career Field Pathways and Course Structure

Courses in Firefighting and Emergency Medical Services Pathway (P6)

PATHWAY CORE	SUBJECT CODE
Foundations of Firefighting and Emergency Medical Services ¹	170342
Firefighter I	170343
Firefighter II	170344
Homeland Security Protecting America's Critical Infrastructure	170916
Emergency Medical Technician	170345
The American Criminal Justice System ¹	170911
Security and Protective Services	170912
Police Work and Practice in Public Safety	170913
Investigations and Forensics in Criminal Investigations	170914
The Correctional System and Services	170915
Medical Terminology	072150
Human Anatomy & Physiology	072040
Law and Public Safety Capstone ²	170346

¹First course in the Pathway; ²Does not count as one of the required four courses

Foundations of Firefighting and Emergency Medical Services

Subject Code: 170342

Fire Fighting and Emergency Medical Services introduces students to the foundational concepts of firefighting safety and emergency medical services. Students will analyze and practice skills outlined in the Ohio Department of Public Safety Fire protection and Ohio Emergency Medical Services rules and regulations in preparation for Firefighter I&II curriculum and EMT licensure.

Firefighter I

Subject Code: 170343

The Firefighter I course prepares students for a career in the fire service. Students learn the history of firefighting, ground operations, fire science, fire suppression, use of protective equipment, rescue equipment, tools and appliances. Students will apply knowledge by training with fire equipment, live fire exercises, and practicing a variety of rescue situations. Students that successfully complete this course at a chartered institution will be eligible to take the Ohio Firefighter I certification test.

Firefighter II

Subject Code: 170344

The Firefighter II course builds on the knowledge and skills learned in Firefighter I. In this course students will apply knowledge and skills to advanced training in fire suppression, fire science, rescue, equipment, tools, appliances, and hazardous materials operations. Students who have completed Firefighter I and successfully complete this course at a chartered institution will be eligible to take the Ohio Firefighter II certification test.

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Career Field Pathways and Course Structure

Homeland Security Protecting America's Critical Infrastructure

Subject Code: 170916

In Homeland Security, students will learn techniques to secure and protect America's people and infrastructure from natural and manmade disaster. Students will look at a range of issues including cyber security, intelligence gathering, and local emergency planning that can be applied in their own community. Students will also learn to manage critical incidents through training in National Incident Management and the Incident Command System. Student will complete multiple FEMA certifications in this course.

Emergency Medical Technician

Subject Code: 170345

Emergency Medical Technicians are first responders who provide basic medical care to sick and injured people. In this course, students will learn the knowledge and skills necessary to provide lifesaving first aid. Students will assess, diagnose, and treat a variety of illnesses and injuries in the process of providing pre-hospital care. Students who successfully complete this course at chartered institution will be eligible to take the National Registry Exam for Ohio EMT certification.

The American Criminal Justice System

Subject Code: 170911

This first course in the Criminal Justice pathway traces the history, organization, and functions of local, state, and federal law enforcement. Students will study criminal behavior and apply constitutional and criminal law to crime and punishment. Students will learn law enforcement terminology, classifications and elements of crime, and how various court systems are used to judge and punish offenders.

Security and Protective Services

Subject Code: 170912

Private Security is an ever-expanding industry that requires trained professionals that can detect, deter, and investigate crime. The course focuses on private security measures used to protect lives, property, and proprietary information. Students completing the Ohio Peace Officer Training Academy Private Security curriculum provided by an approved instructor will be eligible to sit for the OPOTA certification exam as a private security guard.

Police Work and Practice in Public Safety

Subject Code: 170913

In this course, students will learn the skills necessary to prevent, detect and react to crime. Students will learn self-defense and subject control techniques, methods to conduct patrols, surveillance, and traffic procedures. Students will understand the ethical and legal responsibilities of police officers on patrol. Additionally, students will learn the operations of police and emergency telecommunication systems.

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Career Field Pathways and Course Structure

Investigations and Forensics in Criminal Investigations

Subject Code: 170914

Forensic Science uses a structured and scientific approach to the investigation of crimes including assault, abuse and neglect, domestic violence, accidental death and homicide. Students will learn the psychology of criminal behavior and apply it to investigative procedures. Students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis.

The Correctional System and Services

Subject Code: 170915

The correctional officer plays a critical role in the criminal justice system. In this course students will learn institutional rehabilitation and community corrections strategies that prepare them for work in a correctional setting. The student will learn the role and responsibilities of a correctional officer including processing inmates, maintaining security in a correctional setting, and understanding inmate mental health needs.

Law and Public Safety Capstone

Subject Code: 170346

The course provides opportunities for students to apply knowledge, attitudes and skills that were learned in Law and Public Safety in a more comprehensive and authentic way. Capstones often include project/problem based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.

Medical Terminology

Subject Code: 072150

This course focuses on the applications of the rules for constructing and defining medical terms with an emphasis on building a working medical vocabulary. Topics include using the appropriate abbreviations and symbols for anatomical, physiological and pathological classifications and the associated medical specialties and procedures. Students will decipher medical terms by identifying and using word elements with an emphasis on derivation, meaning, and pronunciation. Further, students will interpret and translate medical records and documents.

Human Anatomy and Physiology

Subject Code: 072040

In this course, students will demonstrate knowledge of body systems with emphasis on the interrelationships between structure and physical function. Students will analyze and evaluate how the body systems respond to physical activity, disease, and aging. Students will use data acquisition software to monitor abnormal physiology and body functions (e.g., muscle movement, reflex, respiratory, and voluntary actions). Further, students will analyze descriptive results of abnormal physiology and evaluate clinical consequences.

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Career Field Pathways and Course Structure

Courses in Criminal Justice Pathway (P1)

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