



Law and Public Service Career Cluster

The Law and Public Service career cluster focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. This career cluster includes occupations ranging from police officer and firefighter to political scientist and lawyer.

Statewide Program of Study: *Fire Science*

Endorsement: *Public Services*

The Fire Science program of study focuses on occupational and educational opportunities associated with fire prevention, protection, and firefighting. This program of study includes firefighter safety, building codes, and the necessary physical skills to perform rescues. Students will learn about preparedness, basic fire suppression techniques, basic arson investigation, hazardous material management, and educating the public about fire safety.

The courses offered in this Program of Study are dual-credit (college) level. Certain costs associated with the program are covered for all students by Midlothian Independent School District.



Fire Science Course Sequence

Level	Course	Prerequisites Corequisites
Level 1	Principles of Law, Public Safety, Corrections, and Security 1 credit, Semester	Prerequisites: 10th grade. Student must be on target for credits towards graduation, in good academic standing, and have no attendance issues.
	Disaster Response 1 credit, Semester	Prerequisites: Prin. of LPCS - NAVARRO CLASS
Level 2	Practicum of Law 1st time taken (Firefighter II) 2 credits, 2 class periods	Prerequisites: Disaster Response - NAVARRO CLASS
	Industry Based Certifications	• Basic Fire Protection
Level 3	Practicum of Law 2nd time taken (EMT Basic) 2 credits, 2 class periods	Prerequisites: Practicum of Law 1st time taken - NAVARRO CLASS
	Industry Based Certifications	• EMT Basic Certification Level I

Postsecondary Opportunities

Apprenticeships

- Fire Apprentice

Associate Degrees

- Emergency Medical Technology
- Fire Protection Technology

Bachelor's Degrees

- Fire Science
- Emergency Health Services

Additional Stackable IBCs/License

- Hazardous Materials Awareness
- Fire Plan Examiner

Aligned Occupations

Emergency Medical Technicians

Median Wage: \$34,169
Annual Openings: 1,590
10-Year Growth: 19%

Firefighters

Median Wage: \$52,353
Annual Openings: 2,294
10-Year Growth: 14%

Fire Inspectors and Investigators

Median Wage: \$67,014
Annual Openings: 203
10-Year Growth: 14%

To earn the Fire Science Pathway and Public Services Endorsement, students must complete the entire Navarro Program.

1. Attendance to on site training in Waxahachie is mandatory.
2. A student can be removed from the program if they do not meet attendance and/or academic requirements.

Fire Science

PUBLIC SERVICES ENDORSEMENT



An example of a four-year plan for a student entering 9th grade to complete the Fire Science Program of Study. **NOTE: This program requires students to begin in the 10th grade.**

9th	10th	11th	12th
English 1	English 2	English 3	Advanced English
Algebra 1	Geometry	3 rd Math	4 th Math
Biology or IPC	Biology or Chemistry	3 rd Science	Forensic Science
World Geography	World History	US History	Govt./Econ.
Fine Arts	Principles of LPCS - Fall Disaster Response - Spring	Practicum of Law 1st time taken (Firefighter II)	Practicum of Law 2nd time taken (EMT Basic)
Physical Education	Law Enforcement I		
Foreign Language	Foreign Language	Law Enforcement II	Elective

Industry Based Certifications
<ul style="list-style-type: none"> • Basic Fire Protection • EMT Basic Level I Certification

Related CTE Elective Courses
<ul style="list-style-type: none"> • Anatomy and Physiology • Law Enforcement I and II

Program of Study Planning
<ul style="list-style-type: none"> • To complete this Program of Study, a student must complete the entire course sequence through Navarro's Fire program. • A student may change their Program of Study at the end of their 9th grade year but must remain in their newly chosen pathway for the remainder of high school if they wish to complete it. • Students are encouraged to pursue other passions in their academics with the understanding that courses and/or commitments in other programs may conflict with completing their Program of Study.