

# 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

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.



### Secondary Courses for High School Credit

**Level 1** • Principles of Law, Public Safety, Corrections, and Security

**Level 2** • Disaster Response  
• Fundamentals of Fire Protection (TBD)

**Level 3** • Firefighter I  
• National Security  
• Emergency Medical Technician—Basic  
• Crisis Care (TBD)  
• Fire Prevention and Protections Systems (TBD)  
• Fire Prevention Codes and Inspections (TBD)  
• Anatomy and Physiology

**Level 4** • Firefighter II  
• Practicum in Law, Public Safety, Corrections, and Security  
• Practicum in Law, Public Safety, Corrections, and Security + Extended Practicum in Law, Public Safety, Corrections, and Security  
• Career Preparation for Programs of Study  
• Career Preparation for Programs of Study + Extended Career Preparation  
• Career and Technical Education Project-Based Capstone

### Aligned Advanced Academic Courses

**Dual Credit** Dual credit offerings will vary by Local Education Agency

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards Concentrator/Completer status for this program of study.

### Work-Based Learning and Expanded Learning Opportunities

**Work-Based Learning Activities**

- Shadow a fire chief to learn about fire department operations and skills needed to be a firefighter
- Intern with a fire inspection company to learn about building safety, fire prevention, and fire protection

**Expanded Learning Opportunities**

- Tour a local fire department
- Participate in SkillsUSA

### Aligned Industry-Based Certifications

- Emergency Medical Technician – Basic
- IAED Emergency Telecommunicator
- Basic Structure Fire Protection
- Emergency Medical Responder



### Example Postsecondary Opportunities

**Apprenticeships**

- Fire Apprentice

**Associate Degrees**

- Emergency Medical Technology
- Fire Protection Technology

**Bachelor's Degrees**

- Fire Science
- Emergency Health Services

**Additional Stackable IBCs/Licensures**

- Hazardous Materials Awareness
- Fire Plan Examiner



### Example 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%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:  
<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study/additional-resources>



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## Statewide Program of Study: Fire Science

### Course Information

Level 1

Course	Prerequisites   Corequisites	Career Clusters
<b>Principles of Law, Public Safety, Corrections, and Security*</b> 13029200 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	

Level 2

Course	Prerequisites   Corequisites	Career Clusters
<b>Disaster Response</b> N1303011 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Law, Public Safety, Corrections, and Security Recommended Corequisites: None	
<b>Fundamentals of Fire Protection</b> TBD (TBD credit)	Prerequisites: TBD Corequisites: TBD Recommended Prerequisites: TBD Recommended Corequisites: TBD	

Level 3

Course	Prerequisites   Corequisites	Career Clusters
<b>Firefighter I</b> 13029900 (2 credits)	Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Law, Public Safety, Corrections, and Security Recommended Corequisites: None	
<b>National Security</b> 13018800 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Government and Public Administration and Public Management and Administration or Principles of Law, Public Safety, Corrections, and Security or Junior Reserve Officer Training Corps (JROTC) coursework Recommended Corequisites: None	
<b>Emergency Medical Technician—Basic</b> N1303015 (2 credits)	Prerequisites: Biology Corequisites: None Recommended Prerequisites: Principles of Law, Public Safety, Corrections, and Security; and Anatomy and Physiology Recommended Corequisites: None	
<b>Anatomy and Physiology</b> 13020600 (1 credits)	Prerequisites: One credit in Biology and one credit in Chemistry, Integrated Physics and Chemistry, or Physics Corequisites: None Recommended Prerequisites: a course from the Health Science career cluster Recommended Corequisites: None	
<b>Crisis Care*</b> TBD (TBD credit)	Prerequisites: TBD Corequisites: TBD Recommended Prerequisites: TBD Recommended Corequisites: TBD	
<b>Fire Prevention and Protections Systems</b> TBD (TBD credit)	Prerequisites: TBD Corequisites: TBD Recommended Prerequisites: TBD Recommended Corequisites: TBD	
<b>Fire Prevention Codes and Inspections</b> TBD (TBD credit)	Prerequisites: TBD Corequisites: TBD Recommended Prerequisites: TBD Recommended Corequisites: TBD	

\* Indicates course is included in more than one program of study.

For additional information on the Law and Public Service career cluster, contact [cte@tea.texas.gov](mailto:cte@tea.texas.gov) or visit <https://tea.texas.gov/cte>



# Law and Public Service Career Cluster

## Statewide Program of Study: Fire Science

### Course Information

Level 4

Course	Prerequisites   Corequisites	Career Clusters
<b>Firefighter II</b> 13030000 (3 credits)	<b>Prerequisites:</b> Firefighter I <b>Corequisites:</b> None <b>Recommended Prerequisites:</b> Principles of Law, Public Safety, Corrections, and Security <b>Recommended Corequisites:</b> None	
<b>Practicum in Law, Public Safety, Corrections, and Security*</b> First Time Taken: 13030100 (2 credits) Second Time Taken: 13030110 (2 credits)	<b>Prerequisites:</b> None <b>Corequisites:</b> None <b>Recommended Prerequisites:</b> None <b>Recommended Corequisites:</b> None	
<b>Practicum in Law, Public Safety, Corrections, and Security + Extended Practicum in Law, Public Safety, Corrections, and Security*</b> First Time Taken: 13030105 (3 credits) Second Time Taken: 13030115 (3 credits)	<b>Prerequisites:</b> None <b>Corequisites:</b> None <b>Recommended Prerequisites:</b> None <b>Recommended Corequisites:</b> None	
<b>Career Preparation for Programs of Study*</b> First Time Taken: 12701121 (2 credits)	<b>Prerequisites:</b> at least one Level 2 or higher Career and Technical Education course <b>Corequisites:</b> None <b>Recommended Prerequisites:</b> None <b>Recommended Corequisites:</b> None	
<b>Career Preparation for Programs of Study + Extended Career Preparation*</b> First Time Taken: 12701141 (3 credits)	<b>Prerequisites:</b> at least one Level 2 or higher Career and Technical Education course <b>Corequisites:</b> None <b>Recommended Prerequisites:</b> None <b>Recommended Corequisites:</b> None	
<b>Career and Technical Education Project-Based Capstone</b> First Time Taken: 12701101 (1 credit)	<b>Prerequisites:</b> None <b>Corequisites:</b> None <b>Recommended Prerequisites:</b> None <b>Recommended Corequisites:</b> None	

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