



## Public Safety Semester Overview

This course introduces students to careers in criminal justice, law enforcement, fire protection, emergency response services, and other related career areas. Students will learn about public safety careers through engagement in classroom and laboratory activities modeled after real-world work assignments, scenarios, and problems. Strong emphasis will be placed on written and verbal communication skills, mathematical applications, problem solving, ethics, accountability, and cultural diversity. Public safety professionals and post-secondary instructors will guest lecture to discuss aspects of their respective careers enabling students to make a more informed career choice.

*Prerequisite: Introduction to Public Services*

*Grade Level: 9th - 12th*

<b>Semester Only Course</b>	
Unit 1: Introduction to Public Safety	<ul style="list-style-type: none"> <li>● History of the Public Service Fields               <ul style="list-style-type: none"> <li>○ Emergency Management</li> <li>○ Fire Science</li> <li>○ EMT/Paramedic</li> <li>○ Police Science</li> </ul> </li> <li>● Expectations with the Public Service Fields</li> <li>● Career requirements               <ul style="list-style-type: none"> <li>○ Emergency Management</li> <li>○ Fire Science</li> <li>○ EMT/Paramedic</li> <li>○ Police Science</li> </ul> </li> </ul>
Unit 2: Emergency Management	<ul style="list-style-type: none"> <li>● Historical Content               <ul style="list-style-type: none"> <li>○ Civil Defense</li> <li>○ Natural Disaster</li> </ul> </li> <li>● Natural &amp; Technical Hazards Risk Assessment               <ul style="list-style-type: none"> <li>○ Impediments</li> <li>○ Preparedness Cycle/Emergency Operation Plan</li> <li>○ Evacuation/Equipment/Education</li> </ul> </li> <li>● Communication               <ul style="list-style-type: none"> <li>○ Planning</li> <li>○ Incoming/Outgoing</li> </ul> </li> <li>● Emergency Management:Response/Recovery               <ul style="list-style-type: none"> <li>○ Local/State/Federal</li> </ul> </li> <li>● International Disaster Management               <ul style="list-style-type: none"> <li>○ United Nations</li> <li>○ Government vs. Non-Government</li> </ul> </li> <li>● Emergency Management &amp; Terrorist Threat               <ul style="list-style-type: none"> <li>○ Homeland Security</li> </ul> </li> </ul>
Unit 3: Fire Science	<ul style="list-style-type: none"> <li>● Role Firefighter               <ul style="list-style-type: none"> <li>○ Knowledge of roles</li> <li>○ Risk</li> </ul> </li> <li>● Fire Science</li> </ul>

	<ul style="list-style-type: none"> <li>○ Chemistry Fire</li> <li>○ Classifications</li> <li>○ Characteristics</li> <li>● Tools of Grade           <ul style="list-style-type: none"> <li>○ Personnel Equipment</li> <li>○ Communication</li> <li>○ Extrication Tools/Equipment/Forcible entry</li> <li>○ Suppression/Water Supply/Hose</li> </ul> </li> <li>● Search &amp; Rescue/Special Teams           <ul style="list-style-type: none"> <li>○ Operations</li> <li>○ Primary/Secondary Search</li> <li>○ Vehicle rescue</li> </ul> </li> <li>● Wildland           <ul style="list-style-type: none"> <li>○ Factors</li> <li>○ Suppression</li> <li>○ Safety</li> </ul> </li> <li>● Fire Safety           <ul style="list-style-type: none"> <li>○ Detection/Suppression</li> <li>○ Fire Safety Planning</li> </ul> </li> <li>● Fire Investigation           <ul style="list-style-type: none"> <li>○ Legal Authority</li> <li>○ Point of Origin</li> <li>○ Arson Classification</li> </ul> </li> </ul>
<p>Unit 4: Emergency Medical Technician/Paramedic</p>	<ul style="list-style-type: none"> <li>● Role of EMT/Paramedic           <ul style="list-style-type: none"> <li>○ Qualifications</li> <li>○ Certifications/Training level</li> </ul> </li> <li>● Patient Assessment           <ul style="list-style-type: none"> <li>○ Arriving on Scene</li> <li>○ Administrating care/Getting help</li> </ul> </li> <li>● Communication           <ul style="list-style-type: none"> <li>○ Hospital Report/Handoff</li> <li>○ Documentation</li> </ul> </li> <li>● Medical &amp; Legal Issues           <ul style="list-style-type: none"> <li>○ Consent/Advance Directives</li> <li>○ Good Samaritan Law</li> </ul> </li> <li>● First Aid &amp; Medical Knowledge           <ul style="list-style-type: none"> <li>○ Anatomy &amp; Physiology               <ul style="list-style-type: none"> <li>■ Injury Management</li> <li>■ Head, Neck, &amp; Spine</li> <li>■ Respiratory/Cardio</li> </ul> </li> <li>○ First Aid               <ul style="list-style-type: none"> <li>■ CPR/Cardio</li> <li>■ Environmental</li> <li>■ Brakes &amp; Burns</li> </ul> </li> </ul> </li> <li>● EMS Operations           <ul style="list-style-type: none"> <li>○ Moving &amp; Transportation operations</li> <li>○ Incident Management</li> <li>○ Terrorism &amp; disaster management</li> </ul> </li> </ul>

Unit 5: Police Science	<ul style="list-style-type: none"> <li>● Role of Law Enforcement           <ul style="list-style-type: none"> <li>○ Knowledge Role</li> <li>○ Risks</li> </ul> </li> <li>● Patrol Information &amp; Tactics           <ul style="list-style-type: none"> <li>○ Traffic/DUI</li> <li>○ Officer Safety</li> <li>○ Response to Suspicious Packages</li> <li>○ Communication</li> </ul> </li> <li>● Special Divisions           <ul style="list-style-type: none"> <li>○ K-9/Drug Task Force</li> <li>○ Investigations/Detective</li> <li>○ S.W.A.T.</li> <li>○ Traffic</li> <li>○ Juvenile Officer</li> </ul> </li> <li>● Corrections           <ul style="list-style-type: none"> <li>○ Jail vs. Prison</li> <li>○ Probation</li> <li>○ Parole</li> </ul> </li> </ul>
Unit 6: Forensic Science	<ul style="list-style-type: none"> <li>● Role of Forensic Investigation           <ul style="list-style-type: none"> <li>○ Knowledge of Roles               <ul style="list-style-type: none"> <li>■ Crime Scene Investigation</li> <li>■ Lab based work (Forensic)</li> </ul> </li> </ul> </li> <li>● C.S.I. &amp; Forensic Science           <ul style="list-style-type: none"> <li>○ Crime Scene</li> <li>○ Autopsy</li> <li>○ Human Identification</li> <li>○ Crime Labs</li> </ul> </li> </ul>

★ Semester 1: 18 weeks, 72 student contact days

★ Semester 2: 20 weeks, 82 student contact days