

Program Objective:	Method:
<p>06-10 FSE - All Options 1 - The students will demonstrate fundamentals knowledge of the local, state and national standards appropriate to their chosen academic major involving fire investigations, and safety.</p>	<p>An exit survey will be used to assess students’:</p> <ul style="list-style-type: none"> • Working knowledge of legal guidelines, such as OSHA, and appropriate codes and standards such as NFPA, ANSI, UL, FM, etc. • Ability to interpret and utilize legal guidelines and appropriate codes and standards applicable to fire and safety. <p>A survey will be used to assess alumni’s:</p> <ul style="list-style-type: none"> • Competency to interpret and utilize legal guidelines and appropriate codes and standards applicable to fire and safety. • Competency of fire protection systems.
<p>06-10 FSE - All Options 2 - Students will demonstrate fundamental knowledge of management techniques and communication abilities necessary to serve in a leadership role in the fire, investigation, or safety.</p>	<p>An exit survey will be used to assess students’:</p> <ul style="list-style-type: none"> • Ability to communicate effectively in writing. • Ability to communicate effectively orally. • Working knowledge of administration, management theory, and specific management skills necessary for successful employment as a fire and/or safety professional. <p>A survey will be used to assess alumni’s:</p> <ul style="list-style-type: none"> • Competency to interpret and utilize legal guidelines and appropriate codes and standards applicable to fire and safety. • Competency of fire protection systems.
<p>06-10 FSE - Fire Arson and Explosive Investigation - Students will demonstrate fundamental knowledge of investigative techniques and case management as it relates to fire, arson, and explosion scenes.</p>	<p>An exit survey will be used to assess students’:</p> <ul style="list-style-type: none"> • Ability to utilize technical resources (databases, trade journals, and technical manuals) to find solutions to problems fire safety and/or safety professionals encounter. • Ability to communicate effectively in writing. • Ability to communicate effectively orally. • Working knowledge of legal guidelines,

	<p>such as OSHA, and appropriate codes and standards such as NFPA, ANSI, UL, FM, etc.</p> <p>A survey will be used to assess alumni's:</p> <ul style="list-style-type: none"> • Competency in oral and written communication. • Competency to interpret and utilize legal guidelines and appropriate codes and standards applicable to fire and safety. • Competency of basic safety management concepts necessary for fire science professionals
<p>06-10 FSE - Fire Engineering - Students will demonstrate knowledge of basic fire protection engineering concepts, fire protection systems evaluation and design, as it relates to risk reduction.</p>	<p>An exit survey will be used to assess students':</p> <ul style="list-style-type: none"> • Fundamental understanding of fire protection systems (automatic detection and suppression systems). • Ability to interpret and analyze technical drawings and graphic media used by fire and safety professionals. • Working knowledge of water supply, fire hydrants, pumps, and friction loss in hoses and pipes. • Working knowledge of building construction and the impact of building design and construction on life safety, potential losses and fire fighting options. <p>A survey will be used to assess alumni's:</p> <ul style="list-style-type: none"> • Competency to interpret and utilize legal guidelines and appropriate codes and standards applicable to fire and safety. • Competency of fire protection systems.
<p>06-10 FSE - Fire Protection Administration - Students will demonstrate fundamental knowledge of the functions of planning, organizing, directing and controlling as applicable to leadership in the fire and emergency services.</p>	<p>An exit survey will be used to assess students':</p> <ul style="list-style-type: none"> • Working knowledge of administration, management theory, and specific management skills necessary for successful employment as a fire and/or safety professional. <p>A survey will be used to assess alumni's:</p>

	<ul style="list-style-type: none"> • Competency of working knowledge of administrative and specific management skills necessary for successful employment. • Competency of basic safety management concepts necessary for fire science professionals
<p>06-10 FSE - Industrial Safety and Risk Management - Students will demonstrate fundamental knowledge safety of appropriate standards and management techniques as it applies to safety professionals.</p>	<p>An exit survey will be used to assess students’:</p> <ul style="list-style-type: none"> • Working knowledge of legal guidelines, such as OSHA, and appropriate codes and standards such as NFPA, ANSI, UL, FM, etc. • Ability to interpret and utilize legal guidelines and appropriate codes and standards applicable to fire and safety. • Understanding of basic safety management concepts necessary for success as a loss prevention professional. <p>Instructor Evaluations</p>
<p>06-10 FSE - Safety and Industrial Relations - Students will demonstrate fundamental knowledge of human resources and safety management as it relates to the work place.</p>	<p>An exit survey will be used to assess students’:</p> <ul style="list-style-type: none"> • Working knowledge of legal guidelines, such as OSHA, and appropriate codes and standards such as NFPA, ANSI, UL, FM, etc. • Ability to interpret and utilize legal guidelines and appropriate codes and standards applicable to fire and safety. • Understanding of basic safety management concepts necessary for success as a loss prevention professional. <p>Instructor Evaluations</p>