

# FIRE - FIRE & EMERGENCY SERVICES

<p>FIRE 106 Wildland Firefighting. <span style="float: right;">3 Credits</span>            Term Typically Offered: Spring            Directs the students in the identification, description, and reaction to situations and conditions that would be considered dangerous to the wildland firefighter. The course content will also provide the student with a better understanding of fire behavior. The course includes federal requirement qualifications needed for beginning wildland firefighting.            Lecture Hours 3            Department: Safety - COT</p>	<p>FIRE 201 Firefighter Resilience. <span style="float: right;">3 Credits</span>            Term Typically Offered: Spring            Introduces students to resilience science as applied to fire and emergency services personnel. Students will define resilience, understand models and methods in resilience science, and evaluate adaptation and pathways of resilience applicable to personnel to work in emergency and disaster situations. Students will analyze the impacts of psychological and emotional stress in high-stress operational environments common to emergency response personnel and methods of applied personal resilience.            Lecture Hours 3            Department: Safety - COT</p>
<p>FIRE 115 Firefighter I Foundations. <span style="float: right;">3 Credits</span>            Term Typically Offered: Fall            Introduces students to fire and emergency services careers. Through lecture and practice, students will learn to apply principles of modern fire behavior, safety, air management, and crew resource management to structure firefighting.            Lecture Hours 3            Department: Safety - COT</p>	<p>FIRE 214 Inspec Codes &amp; Practices. <span style="float: right;">3 Credits</span>            Term Typically Offered: Fall            Provides essential information concerning the background and evolution of fire prevention, code interpretation and applicability, hazard identification and abatement, risk assessment, operation of a fire prevention bureau, design and operation of fire protection systems and equipment, and the basic concepts of fire investigation. Emphasizes building construction and associated hazards.            Lecture Hours 3            Department: Safety - COT</p>
<p>FIRE 119 Fire Service Ethics. <span style="float: right;">2 Credits</span>            Term Typically Offered: Spring            Instructs students in ethical theories, ethical standards, and ethical problems encountered in fire and emergency services, including social media ethics and ethical responsibility of fire service personnel to each other and to those whom they serve.            Lecture Hours 2            Department: Safety - COT</p>	<p>FIRE 255 Cause &amp; Origin. <span style="float: right;">2 Credits</span>            Term Typically Offered: Fall            Instructs students in basic investigative techniques for fire causes and origin. Fire behavior in structures is discussed as well as legal requirements of fire service personnel for evidence preservation.            Department: Safety - COT</p>
<p>FIRE 130 Firefighter Ldrshp &amp; Influence. <span style="float: right;">3 Credits</span>            Prerequisite(s): Accuplacer test proficiency/WRIT proficiency for placement into WRIT 101 or WRIT 122.            Instruct students in the practical application of leadership and influence in fire and emergency services. Analyze decision-making, problem solving, creativity, leadership models, and influencing and managing change. Includes leadership development models for firefighters.            Lecture Hours 3            Department: Safety - COT</p>	<p>FIRE 270 Fire Prevention. <span style="float: right;">3 Credits</span>            Term Typically Offered: Fall            Provides fundamental knowledge relating to the field of fire prevention. Topics include history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use and application of codes and standards, plans review, fire inspections, fire and life safety education, and fire investigation.            Lecture Hours 3            Department: Safety - COT</p>
<p>FIRE 131 Fire Apparatus and Hydraulics. <span style="float: right;">3 Credits</span>            Acquire the basic knowledge of various types of fire apparatus used in the fire service and their unique requirements needed to provide emergency services. Assess the equipment and its applications used for suppressing fires and applications to other emergency responses. Learn to apply the principles used in hydraulics for the delivery of water in fire protection and supply systems. Demonstrate proficiency of this knowledge by using applied field operational hydraulics.            Lecture Hours 3            Department: Safety - COT</p>	<p>FIRE 275 Fire Service Instructor. <span style="float: right;">3 Credits</span>            Term Typically Offered: Spring            Develops the student's speaking and creative skills as well as the ability to use instructional tools and various media in an educational environment. Emphasis will be placed on developing lesson plans and evaluation instruments. Students will give instructional presentations using the aforementioned tools.            Lecture Hours 3            Department: Safety - COT</p>
<p>FIRE 180 Incident Command. <span style="float: right;">3 Credits</span>            Term Typically Offered: Spring            Acquaints the student with basic principles of emergency incident management. The components of management and chain of command will be emphasized. A computer simulator will be used to give hands-on training with incident success as the goal.            Lecture Hours 3            Department: Safety - COT</p>	<p>FIRE 292 Seminar. <span style="float: right;">1-5 Credits</span>            Department: Safety - COT</p> <p>FIRE 298 Internship/Cooperative Educ. <span style="float: right;">1-9 Credits</span>            Term Typically Offered: Spring            Prerequisite(s): FIRE 115.            V1-9cr. (1-9 other/wk) (45 hours per credit) Provides observational field internship with an area fire department to give first hand experience of the profession of firefighter. Requires consent of instructor.            Department: Safety - COT</p>