

FIRE - FIRE & EMERGENCY SERVICES

FIRE 106 Wildland Firefighting. 3 Credits
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: Health Occupations - COT

FIRE 115 Firefighter I Foundations. 3 Credits
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: Health Occupations - COT

FIRE 119 Fire Service Ethics. 2 Credits
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: Health Occupations - COT

FIRE 130 Firefighter Ldrshp & Influence. 3 Credits
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: Health Occupations - COT

FIRE 131 Fire Apparatus and Hydraulics. 3 Credits

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: Health Occupations - COT

FIRE 180 Incident Command. 3 Credits
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: Health Occupations - COT

FIRE 201 Firefighter Resilience. 3 Credits

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: Health Occupations - COT

FIRE 214 Inspec Codes & Practices. 3 Credits

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: Health Occupations - COT

FIRE 255 Cause & Origin. 2 Credits

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: Health Occupations - COT

FIRE 270 Fire Prevention. 3 Credits

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: Health Occupations - COT

FIRE 275 Fire Service Instructor. 3 Credits

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: Health Occupations - COT

FIRE 298 Internship/Cooperative Educ. 1-9 Credits

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: Health Occupations - COT