

the transition from training environment to operating as a fully functioning firefighter. Offered: On Demand.

**FIRE-281 Portable Pumps & Water Use S-211 1 cr.**

The course consists of three skill areas: supply, delivery, and application of water. Students will be required to demonstrate their knowledge of correct water use, basic hydraulics, and equipment care. The field exercise requires set up, operation, and maintenance of pump equipment. To receive credit for this course, students must have field work observed and approved, and take a closed book written exam. Prerequisites: FIRE-161. Offered: On Demand.

**FIRE-282 Wildland Chain Saws - S212 2 cr.**

The course lessons provide introduction to the function, maintenance and use of internal combustion engine powered chain saws, and their tactical wildland fire application. Field exercises support entry level training for firefighters with little or no previous experience in operating a chain saw, providing hands-on cutting experience in surroundings similar to fireline situations. Offered: On Demand.

**FIRE-283 Fire Operations Wildland/Urban Interface 2 cr.**

This course is designed to assist structure and wildland firefighters who will be making tactical decisions when confronting wildland fire that threatens life, property, and improvements, in the wildland/urban interface. Instructional units include: Interface Awareness, Size-Up, Initial Strategy and Incident Action Plan, Structure Triage, Structure Protection Tactics, Incident Action Plan Assessment and Update, Follow-Up and Public Relations, and Firefighter Safety in the Interface. Offered: On Demand.

**FIRE-284 Driving Wildland Fire Service S216 2 cr.**

This training course is designed to provide the student with the prerequisite knowledge and skills necessary to perform the tasks of the vehicle operator in the Wildland Fire Service. A significant portion of the course time is devoted to actual hands on driving exercises for the students. Offered: On Demand.

**FIRE-285 Crew Boss - S230 1 cr.**

This is a classroom course designed to produce student proficiency in the performance of duties associated with the single resource boss position from initial dispatch through demobilization to the home unit. Topics include: Operational Leadership, Preparation and Mobilization, Assignment Preparation, Risk Management, Entrapment Avoidance, Safety and Tactics, Offline Duties, Demobilization, and Post Incident Responsibilities. Prerequisites: FIRE-161. Offered: On Demand.

**FIRE-286 Engine Boss - S231 1 cr.**

This is a skills course designed to produce student proficiency in the performance of the duties associated with engine boss, single resource (ENGB). Topics include: Engine and Crew Capabilities and Limitations, Information Sources, Fire Size-Up Considerations, Tactics, and Wildland/Urban Interface. Prerequisites: FIRE-161. Offered: On Demand.

**FIRE-287 Wildland Ignition Specialist S234 2 cr.**

This is an entry-level course providing training in the functional roles and responsibilities connected with firing operations. The course covers planning, ignition procedures and techniques, and

equipment applicable to wildland and prescribed fire. This course also addresses the role of the ignition specialist or firing boss as the organization manages escalation from a non-complex to a complex fire situation. Prerequisites: FIRE-161. Offered: On Demand.

**FIRE-288 Interagency Business Management S260 1 cr.**

This course meets the general training needs of all positions for which an understanding of interagency incident business management is required. The Interagency Incident Business Management Handbook, PMS 902, is used as the primary job aid to supplement this course. It provides basic policy and direction for incident business management. Offered: On Demand.

**FIRE-289 Basic Air Operations S270 1 cr.**

This course covers aircraft types and capabilities, aviation management and safety for flying in and working with agency aircraft, tactical and logistical uses of aircraft, and requirements for helicopter take-off and landing areas. Offered: On Demand.

## FRENCH

**FREN-111 Elementary French I 4 cr.**

Develops listening, speaking, reading, and writing skills. Uses a communicative approach to cover vocabulary, grammar, conversation, and culture. Offered: Fall and Spring.

**FREN-112 Elementary French II 4 cr.**

Continuation of FREN-111. Prerequisites: FREN-111. Offered: On Demand.

## GEOGRAPHY

**GEOG-111 Physical Geography 4 cr.**

This class explores the distribution of features across the surface of the earth and analyzes the spatial and functional relationships that shape the earth, including the earth's movements, cycles, atmosphere, oceans, weather and climate, landform processes, vegetation dynamics and distribution, soil development and classification, and ecosystems. A lab is required. Offered: Fall & Spring.

**GEOG-112 World Regional Geography 3 cr.**

This course introduces students to the geographic regions of the world while emphasizing their physical features, resources, economies, culture, and politics. This class will cover trends in population, development and environment occurring around the world as well as methods and concepts of global and regional processes. Offered: Spring.

**GEOG-115 Map Use, Interpretation & Design 4 cr.**

The basic principles, functions, origins, use, interpretation, and cartographic design of maps will be covered. Offered: Fall.

**GEOG-118 Introduction to Mapping Technologies 4 cr.**

This course is an introduction to the current primary mapping technologies. Students will develop a basic understanding of Geographic Information Systems (GIS), Global Positioning Systems (GPS), and remote sensing technologies. Emphasis will be placed on applications of these technologies to a variety of fields. A lab is required. Offered: Spring.