

FIRE-245 Pumping Apparatus Driver/Operator 4 cr.
Based on the National Fire Protection Association standard 1002 - Professional competencies for fire apparatus driver/operators. The course is designed to incorporate approximately 46 hours of lecture and 25 hours of lab time. There are student requirements for practical evolution practices outside of the course framework. This includes a valid driver's license (Class A, B, or E) covering fire apparatus to be operated. Prerequisite: Permission of instructor. Semester offered: On Demand.

FIRE-250 Firefighter II Skills Proficiency Lab 4 cr.
In this course the student will demonstrate proficiency in the skills required for the National Fire Protection Association (NFPA) standard 1001 - Professional competencies for firefighters - Firefighter II. Students will build confidence by having the opportunity to actually perform those competencies and skills taught in previous portions of the class under actual emergency or simulated emergency conditions. Prerequisites: FIRE 120 and department affiliation.

FIRE-255 Fire Safety-Save Your Own 2 cr.
Instructs firefighters with the information and skills needed to recognize conditions that contribute to firefighter injury and fatalities. This includes 16 hours of lecture, and 25 hours of lab time. Topics covered in the lecture/classroom portion include fatality rates, federal mandates, fire ground communication, fire fighter entanglement and the formation of RIT teams. Prerequisites: FIRE 110, FIRE 120. Semester offered: On Demand.

FIRE-260 Fire Officer I 4 cr.
Covers such topics as the role of fire officers, safety and wellness of fire personnel. This includes recognizing and managing cultural diversity, problem solving, building construction, community awareness, public relations, fire cause determination, and effective communication. Prerequisite: FIRE 120. Semester offered: On Demand.

FIRE-265 Fire Officer II 3-4 cr.
Covers such topics that include human resources management, managing affirmative action, government agencies, budgetary process and information management systems. Also covered are health and safety, public fire education, specialized fire protection equipment, strategic planning and tactics. Prerequisite: FIRE 260. Semester offered: On Demand.

FIRE-280 Firefighter Career Internship 4 cr.
Instructs students who will operate as a line firefighter. The instructor will maintain contact with the student and guide them to accomplish those functions required in the firefighting career. This educationally based experience will help the student make the transition from training environment to operating as a fully functioning firefighter. Prerequisite: Permission of instructor. Semester offered: On Demand.

FRENCH

FREN-111 Elementary French I 4 cr.
Develop listening, speaking, reading and writing skills to communicate at a basic level. The course will use a communicative approach to cover the fundamentals of basic vocabulary, grammar, conversation and culture. Prerequisites: APEN 40+ and APRD 39+ or permission of instructor. Semester offered: Fall, and Spring.

FREN-112 Elementary French II 4 cr.
Continuation of FREN 111. Elementary French I. Prerequisite: FREN 111 or permission of instructor. Semester offered: On Demand.

FREN-211 Intermediate French I 3 cr.
This course is designed to further develop listening, speaking, reading and writing skills in French using a communicative approach to reinforce and expand the students' working knowledge of vocabulary, grammar, and culture. Prerequisite: FREN 112 or permission of instructor. Semester offered: On Demand.

FREN-212 Intermediate French II 3 cr.
Continuation of Intermediate French I. Prerequisite: French 211 or permission of instructor. Semester offered: On Demand.

GEOGRAPHY

GEOG-111 Physical Geography (3+2p) 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. Semester offered: Fall.

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. Semester Offered: Fall, Spring.

GEOG-115 Map Use, Interpretation and Design (3+2p) 4 cr.
The basic principles, functions, origins, use, interpretation, and cartographic design of maps will be covered. Semester Offered: Fall.

GEOG-118 Introduction to Mapping Technologies (3+2p) 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. Semester Offered: Fall and Spring.

GEOG-120 GPS and Surveying Methods (3+2p) 4 cr.
This course provides an overview of global positioning systems. Topics include the theory, implementation, and operations of global positioning systems. Students will learn the fundamentals of acquiring GIS data using GPS technology, and understand surveying methods important for use in GIS. Prerequisite: GEOG 118. Semester Offered: Spring.

GEOG-125 Weather and Climate 3 cr.
Introduces the atmospheric processes and geographic distribution of factors that interact to create weather systems and storms. Course will address issues such as the greenhouse effect, severe weather, global