

## **FIRE-112-FIREFIGHTER 1 & 2 COMBINATION 9 CREDITS**

### **SYLLABUS**

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#### **CATALOG DESCRIPTION**

Students will obtain basic and advanced principles and skills of firefighting to develop a student with little or no knowledge of firefighting. This course covers the science of fire and its behavior, exposes the student to the basic and advanced principles and skills of firefighting as well as strategies and tactics employed to extinguish fires and rescue trapped people. This course is taught according to NFPA standard 1001. This course is for entry level fire fighter.

Prerequisites:           None

Semester Offered:     Fall and Spring

#### ***Common Student Learning Outcomes***

*Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...*

##### **BROAD AND SPECIALIZED LEARNING**

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

##### **CRITICAL THINKING**

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

##### **CULTURAL AND CIVIC ENGAGEMENT**

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

##### **EFFECTIVE COMMUNICATION**

Students will exchange ideas and information with clarity in multiple contexts.

##### **INFORMATION LITERACY**

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

##### **INTEGRATING TECHNOLOGIES**

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

*Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.*

#### **Course Learning Outcomes**

Upon successful completion of the course, the student will be able to...

1. Provide students with a sound background in fire science.
2. Allow students to gain knowledge in tactics and strategies of firefighting.
3. Explore techniques for the rescue and evacuation of those trapped or injured.
4. Give students the opportunity to develop skills in the techniques used to control and extinguish fires.

### **Specific Learning Outcomes**

Upon successful completion of the course, the student will be able to...

1. Demonstrate a satisfactory knowledge of fire science.
2. Demonstrate ability to evaluate and explain fire behavior, and to project how fire will act in certain circumstances.
3. Describe techniques for the rescue of trapped and injured persons, and evaluate proper techniques to employ for specific rescue situations.
4. Determine proper strategies and tactics to employ for the control of different fire situations.