

## **FIRE-246-FIRE FIGHTING EQUIPMENT & APPARATUS LAB 4 CREDITS**

### **SYLLABUS**

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#### **CATALOG DESCRIPTION**

Provides student with a level of proficiency and knowledge about the tools and equipment used in firefighting. Teaches the specifications, capabilities and correct operation of firefighting apparatus. Completion will give the student a knowledge and proficiency in operation and maintenance of all firefighting equipment on apparatus, as well as the apparatus itself.

Prerequisites: FIRE-121

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. Students will be able to put theory of fire apparatus to practical use.

## **Specific Learning Outcomes**

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

1. Satisfactorily pass proficiency examination on each apparatus and demonstrated knowledge and ability to operate all equipment carried on apparatus.
2. Produce a guide with specifications on each fire apparatus including all firefighting equipment carried on the apparatus.
3. Complete all required apparatus within the specified time frame to receive appropriate credit.