



FIRE-266-FIRE INVESTIGATOR 1 3 CREDITS

SYLLABUS

CATALOG DESCRIPTION

This 40-hour course is designed to meet the requirements set forth in NFPA 1033 Professional Qualifications for Fire Investigator. This course will give a comprehensive understanding of the principles of fire investigation, scene examination, documentation, evidence collection/preservation, interview techniques, and post incident investigations. Applicants should provide a copy or other documentation of a completed background check when submitting the course application.

Prerequisites: None

Semester Offered: On Demand

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. Understand the methods of collection and analysis of fire scene data.
2. Determine the origin and cause of a fire.

3. Understand the fire investigator's legal responsibilities related to intentionally set fires.
4. Understand the issues the fire investigator must address to properly and legally document cases related to intentionally set fires.
5. Understand how fire scene data is used to develop fire codes and standards in the interest of reducing fire losses and loss of life due to fire.

Specific Learning Outcomes

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

1. Identify the purpose of a fire investigation.
2. Define terminology that applies to fire scene investigations.
3. Determine the point of origin at a fire scene.
4. Determine the causes of fire.
5. Describe procedures for locating evidence.
6. Identify different motives for fire-setting.
7. Identify and preserve evidence.
8. Identify procedures for interviewing witnesses and identifying suspects.
9. Participate in a mock fire scene investigation.
10. Examine fire scenes at conveyances
11. Define the arson statutes.