

FIRE-270 FIRE INSPECTOR I 3 CREDITS

SYLLABUS

CATALOG DESCRIPTION

This 40-hour course is a Fire Service Inspection course for both uniformed and civilian inspectors. This course will educate inspectors about the principles and techniques of fire prevention and life-safety inspection and code compliance. It addresses NFPA 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner, Level I. It is strongly recommended that students bring a laptop computer for use during this class.

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. Explain the code enforcement system and the fire inspector's role in that system.

2. Describe the development and adoption processes for codes and standards.
3. Describe the legal authority and limitations relevant to fire code inspections.
4. Explain the application and interrelationship of codes, standards, recommended practices, and guides.
5. Identify the professional development process for code enforcement practitioners.

GENERAL LEARNING OBJECTIVES

1. Verify the type of construction for an addition or remodeling project.
2. Identify the occupancy classification given a description of the occupancy and its use.
3. Recognize a hazardous fire growth potential in a building or space.
4. Describe the difference in how codes apply to new and existing structures.
5. Describe at least three reasons for performing plan checks.
6. Determine the appropriateness of the three components of a building's egress system based up occupancy.
7. Identify fire department access and special hazards of a structure using a plan review.