



FIRE 152 Advanced Fire Lab section name section credit hours Credits **Syllabus**

Course Information

Meeting times and location: section meeting_times section location

Catalog description: This course encompasses the principals and skills from Fire Fighter I and Fire Fighter II in a practical setting and gives the student practical experience with fire attack, rescue, and all of the support functions associated with fire incidents and fire department response. Students are exposed to practical evolutions starting with singular function assignments, and building to multi-company, multi-functional operations on the fire ground. Students will be required to provide certified firefighting protective gear.

Prerequisites: Take FIRE-111, FIRE-112, and FIRE-151.

Terms offered: Fall and Spring

Section-specific Course Description:

Course Level Objectives

1. Put theoretical concepts from previous classes into practice under simulated emergency conditions.
2. Develop self-confidence and ability with fire attacks and rescue situations.
3. Operate in actual live fire environments on the intricate techniques of hose stream handling and fire attack.
4. Anticipate incident needs and function in a proactive manner to bring the incident to a safe and effective close.

Required Texts and/or Materials

This class is a lab

Required Technology and Software

- Canvas
- Chrome, Safari, or Firefox

Technical Support

Technical support is available through the San Juan College Help Desk 24/7/365. The help desk can be reached at 505-566-3266 or by creating a ticket at [San Juan College Help Desk](#).

For tickets and password reset: [San Juan College Help Desk](#)

For Canvas support information: [Canvas Support](#)

Accessibility/Privacy Policies for all Technology Tools Used

[Accessibility/Privacy Policies for all Technology Tools Used](#)

Course Requirements

Students will do the following activities:

1. Demonstrate the ability to rescue persons trapped and injured in fire incidents.
2. Demonstrate the ability to function safely and effectively as a member of a team and individual throughout the course.
3. DONN protective equipment in accordance with NFPA 1001.
4. Work as a member of a team and demonstrate the ability to control and extinguish fires in structures, indoor and outdoor occupancies, and in specialized situations.
5. Initiate the response to a reported emergency
6. Receive a business or personal telephone call
7. Transmit and receive messages via the fire department radio
8. Use SCBA during emergency operations
9. Respond on apparatus to an emergency scene

10. Operate in established work areas at emergency scenes
11. Force entry into a structure
12. Exit a hazardous area as a team
13. Set up ground ladders
14. Attack a passenger vehicle fire operating as a member of a team
15. Extinguish fires in exterior Class A materials
16. Conduct a search and rescue in a structure operating as a member of a team
17. Attack an interior structure fire operating as a member of a team
18. Perform horizontal ventilation on a structure operating as part of a team
19. Perform vertical ventilation on a structure as part of a team
20. Overhaul a fire scene
21. Conserve property as a member of a team
22. Connect a fire department pumper to a water supply as a member of a team
23. Extinguish incipient Class A, Class B, and Class C fires
24. Illuminate the emergency scene
25. Turn off building utilities
26. Combat a ground cover fire operating as a member of a team
27. Perform a fire safety survey in a private dwelling
28. Present fire safety information to station visitors or small groups
29. Clean and check ladders, ventilation equipment, self-contained breathing apparatus (SCBA), ropes, salvage equipment, and hand tools
30. Clean, inspect, and return fire hose to service
31. Communicate the need for team assistance
32. Extinguish an ignitable liquid fire, operating as a member of a team
33. Coordinate an interior attack line for team's accomplishment of an assignment in a structure fire
34. Control a flammable gas cylinder fire operating as a member of a team
35. Protect evidence of fire cause and origin
36. Extricate a victim entrapped in a motor vehicle as part of a team
37. Assist rescue operation teams
38. Prepare a preincident survey
39. Maintain power plants, power tools, and lighting equipment
40. Perform an annual service test on fire hose
41. Test the operability of and flow from a fire hydrant

COVID Safe Practices for Being on Campus

Masks / cloth face coverings must be worn while on campus in accordance with the New Mexico public health order. If you feel that you cannot wear a mask due to health complications, please contact Disabilities Services:

disabilityservices@sanjuancollege.edu or call (505) 566-3271. Hand sanitizer stations are at all building entrances, please “wash in, wash out”--clean your hands when you enter and before you leave. Classrooms and labs have been arranged to allow for social distancing; please respect your classmates and instructors by staying 6 feet away from everyone. You will be expected to disinfect your table or area prior to class and after class, cleaning products will be provided for this purpose. Check with your instructor for specific policies for their course. Please do not congregate in hallways or common areas, instead utilize our beautiful outside spaces and weather to visit with your friends and colleagues from a safe distance.

If you have been in contact with anyone who has tested positive for COVID-19, has symptoms, or is waiting on test results, contact your instructor and DO NOT come to class. If you have tested positive, have symptoms or are waiting on test results, contact your instructor and DO NOT come to class. Your health care provider or the assigned contact tracer will let you know when it is safe for you to be around others.

Student Support

Student Services and Support

The Student Support webpage provides information on counseling, tutoring, technical support, and many other support services available to San Juan College students.

[Student Support](#)

Academic Support

Academic Support webpage provides information on academic advising, the library, Testing Center, and the honors program.

[Academic Support](#)

Participation and Attendance Policy

1. Students are expected to attend all class sessions. Instructors will take attendance.
2. Absences do not relieve students of the responsibility for missed assignments.
3. Students must take the initiative in arranging with their instructors to make up missed work if applicable.
4. Absences are graded as follows:
 - a. 0 = 100%
 - b. 1 = 70%

c. 2 = 0%

Other Classroom Policies and Expectations

HEALTH BACKGROUND STUDENT NOTICE

- A health screening may be required by a licensed healthcare provider that verifies the student to be in good physical condition and free of health conditions that could endanger themselves or others.
- Students may be required to undergo routine drug screening and a criminal background check at their own expense.
- Students should consult with the program director to discuss specific circumstances.

TERMINATION POLICY

Any student who refuses to follow reasonable directions given by an instructor or acts in an unsafe manner will be asked to leave class and may be terminated. Any student may also be terminated from any Fire Science course if at any time they are performing to a level that presents a risk to themselves and/or others while in class.

Canvas Participation and Expectations

This class is a lab

Instructor Response Time

This class is a lab

Course Time Commitment

This class is a lab

Grading

Final grades are calculated based on the following...

The student must succeed in obtaining a 70% or better average in order to pass this class.

Attendance = 50%

JPR = 50%

A 70% or better in each category listed above is required in order to pass.

The following grading scale will be used for the calculation of grades:

A = 90 to 100%	C = 70 to 79%	F = 59% or less
B = 80 to 89%	D = 60 to 69%	

Key Dates to Remember

[Full Academic Calendar](#)

Course Schedule

1. Demonstrate the ability to rescue persons trapped and injured in fire incidents.
2. Demonstrate the ability to function safely and effectively as a member of a team and individual throughout the course.
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4. Work as a member of a team and demonstrate the ability to control and extinguish fires in structures, indoor and outdoor occupancies, and in specialized situations.
5. Initiate the response to a reported emergency
6. Receive a business or personal telephone call
7. Transmit and receive messages via the fire department radio
8. Use SCBA during emergency operations
9. Respond on apparatus to an emergency scene
10. Operate in established work areas at emergency scenes

11. Force entry into a structure
12. Exit a hazardous area as a team
13. Set up ground ladders
14. Attack a passenger vehicle fire operating as a member of a team
15. Extinguish fires in exterior Class A materials
16. Conduct a search and rescue in a structure operating as a member of a team
17. Attack an interior structure fire operating as a member of a team
18. Perform horizontal ventilation on a structure operating as part of a team
19. Perform vertical ventilation on a structure as part of a team
20. Overhaul a fire scene
21. Conserve property as a member of a team
22. Connect a fire department pumper to a water supply as a member of a team
23. Extinguish incipient Class A, Class B, and Class C fires
24. Illuminate the emergency scene
25. Turn off building utilities
26. Combat a ground cover fire operating as a member of a team
27. Perform a fire safety survey in a private dwelling
28. Present fire safety information to station visitors or small groups
29. Clean and check ladders, ventilation equipment, self-contained breathing apparatus (SCBA), ropes, salvage equipment, and hand tools
30. Clean, inspect, and return fire hose to service
31. Communicate the need for team assistance
32. Extinguish an ignitable liquid fire, operating as a member of a team
33. Coordinate an interior attack line for team's accomplishment of an assignment in a structure fire
34. Control a flammable gas cylinder fire operating as a member of a team
35. Protect evidence of fire cause and origin
36. Extricate a victim entrapped in a motor vehicle as part of a team
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College Policies

The following information also applies to your work in this class. If you have special needs for campus emergency situations, please inform me immediately.

1. Academic Accommodations - American with Disabilities Act (ADA)

If you believe you need academic accommodations due to physical or learning disabilities, you are encouraged to inform them as soon as possible. The coordinator can work with you in verifying your disabilities and developing accommodation strategies. Please go to [Disability Services Office](#), click the button for “Request for Services” and complete all the steps.

You can also contact the college’s disability coordinator in the Advising/Counseling Center at 566-3271 or disabilityservices@sanjuancollege.edu. More information is available on the website listed above.

2. The Family Educational Rights and Privacy Act (FERPA)

Your personal information and grade are confidential. Aside from routine reporting to the college required for this course, I will not share such information with anyone unless I have your permission.

3. Academic Honesty Rules

San Juan College expects all students to adhere to the [Academic Honesty Rules](#) as posted online. These are the official guidelines for all classes at San Juan College (July 2006).

4. Student Conduct Statement

College is preparation for professional opportunities, and professional conduct is expected in courses, including online classes, as well as any written communications, and interactions with members of the college community. As part of our learning community, students are expected to interact and communicate in a mature, respectful, thoughtful, and supportive manner. Students who demonstrate disrespectful, hostile, belittling, bullying or other disruptive behavior will be subject to potential consequences and possible dismissal from the college. The college will take appropriate action when students demonstrate threatening behavior (to others or self). Students should refer to the Code of Conduct in the Student Handbook for additional information.

5. Student Safety

Keeping students safe is a priority, and part of that is ensuring that we have the ability to communicate emergency messages – whether for school closures due to weather or for more or urgent situations. Rave is San Juan College’s emergency messaging system. Through your SJC student email, you will automatically receive email messages, however, it is also vital that you receive text messages. In order to receive the messages, you must register in a simple process with [Rave](#). When registering, please make sure that your mobile status is “confirmed.”

The Department of Public Safety is available 24 hours per day. In an emergency, they can be accessed by calling 215-3091 or 566-3333.

In the event of an emergency, a Rave message will be sent, and depending on the situation, you will be instructed to do one of the following:

- Evacuate the building
- Shelter in place (Campus doors are locked, and operations continue as normal. During this situation, no one other than law enforcement is allowed in or out of the campus.)
- Lockdown (Campus doors are locked. All operations cease, and you should take cover in your immediate area. No one other than law enforcement is allowed in or out of the campus.)

6. Non-Discrimination, Sexual Harassment, and Retaliation.

San Juan College does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, genetic, veteran's status, or on the basis of any other category protected under federal, state and local laws. If you have experienced sexual harassment, sexual assault, or any other form of protected class discrimination, we encourage you to make a report. If you report to a faculty member, she/he/they are obligated by policy to share knowledge, notice, and/or reports of harassment, discrimination, and/or retaliation with the Title IX Coordinator. These disclosures include but are not limited to reports of sexual assault, dating/domestic violence, and stalking. You may also make a confidential report to a SJC Counselor. Please refer to San Juan College's [Title IX](#) site for further details.

San Juan College's Title IX Coordinator is Stacey Allen, Assistant Director of Human Resources/Equity, Diversity, and Inclusion Officer. The office is located at the Educational Services Center Building, 2nd Floor, Human Resources, Room 4243 at (505) 566-3515 or allens@sanjuancollege.edu.

7. Drop for Non-Attendance and/or Non-Participation

Class Attendance and Participation Expectation:

Face-to-Face -- Students are expected to attend and participate in class regularly. Any student missing more than 10% of consecutive class time, (For example, in a regular 15-week class that meets twice a week, this equates to the student missing 3 consecutive classes) without consultation with the instructor may be considered as having abandoned the course.

On-line -- Students are expected to participate regularly and submit all course assignments, based on the course guide definition. A student who does not submit any assignments during a consecutive 10% of the course (1.5 weeks of a 15-week semester) without consulting the instructor, may be considered as having abandoned the course. Logging in does not meet the attendance standard.

Competency-Based Education Classes -- Students are expected to have regular and substantive interactions with their instructor and to actively work on course content. A student who has not submitted coursework, nor had substantive interactions with the instructor over a consecutive 10% of the term, without the instructor's prior approval, will be considered to have abandoned the competency progression. Last date of attendance will be recorded as the last date that coursework was submitted or that the student met with the instructor. For on-line learners, logging in does not meet the attendance standard.

8. Failure to Meet Class Participation Expectation:

Students who fail to meet participation expectations will have their last date of attendance recorded. This date will be used to recalculate any financial aid received/veteran's benefits received, and the student may be required to repay the institution/government. If the student does not drop the course, an 'X' grade will be recorded. An 'X' grade impacts the grade point average the same as an 'F'.

9. Grading Policies

Incomplete: Incomplete Grade Assignment ([Incomplete Grades Information](#))

The grade of I (Incomplete) is given for passing work that could not be completed during the semester because of circumstances beyond the student's control. Ordinarily, the assignment of an I is given by the course instructor at the time final grades are due

In no case is an I grade to be used to avoid assignment of D or F grades for marginal or failing work or to require a student to enroll in the class the next semester because work was not completed on time. Circumstances warranting the issuance of an I grade must be beyond the student's control and must be documented on the appropriate form prior to approval.

I grades can be removed only during the subsequent 16 weeks from the end of term, or within the time limit set by the instructor. Removal of an I is accomplished by completing the work in a manner acceptable to the instructor. Re-enrollment in the course under the repeat option does not remove the prior grade of I. Students should not re-enroll for the course. An I not made up within 16 weeks or within the time limit set by the instructor will change to an F grade thereafter and cannot be changed by work completion.

10. **Grade Appeals**

The policy for grade appeals is in the Academic Catalog.([Grade Appeal Policy](#))

Student Handbook

The Student Handbook provides information on Student support, student organizations, and San Juan College policies.

[Student Handbook](#)