



## **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

## 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

## 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.

## 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%

## Course Time Commitment

This class is a lab

# Canvas Participation and Expectations

This class is a lab

## 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%

## Instructor Response Times & Regular Interaction Expectations

This class is a lab

## 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.
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
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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

## 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 password reset and Canvas support, visit the [Student Technology Guide](#) website.

## Accessibility/Privacy Policies for all Technology Tools Used

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

## Student Support

At San Juan College, we are committed to supporting your academic success and overall well-being. We recognize that college life can be challenging and stressful, impacting both learning and personal health. We are here to help you succeed.

### **Academic Support and Resources**

We provide a range of academic support services to help you stay on track on your educational journey. Free resources include tutoring, computer loans, life skills workshops, and so much more. Visit the [Academic Support and Resources](#) webpage to learn more about support and resources available through Academic Advising, the Tutoring Center, the Student Resource Center (formerly Student Achievement Center) and the Testing Center.

### **Student Support and Resources**

If you or someone you know could benefit from counseling, accessibility services, career exploration, veteran transitional assistance, or any of our other support services, visit the [Student Support and Resources](#) webpage where you'll find detailed information about various resources available to you as an SJC student.

We encourage you to take advantage of these free resources to enhance your college experience and ensure your success.

## College Policies and Resources for Current Students

The [Student Handbook](#) provides information on student support, student organizations, and student conduct policies at San Juan College.

The San Juan College catalog outlines the [Academic Policies](#) students need to know.

## Healthy and Safe Practices for Being on Campus

We want a healthy and safe campus for students, faculty, staff, and guests.

### **Contagious diseases and your responsibility:**

If you have COVID-19 symptoms, fever, flu or even the common cold, you should stay home. Do not come to campus if you are feeling sick. Contact your instructor about missing class (and review your instructor's policies on missed or late work). Being sick does not necessarily excuse you from completing your work on time.

### **Safety on campus and your responsibility:**

If you are on campus and experience or witness an emergency, call 9-1-1 first and then the Department of Public Safety at 505-566-3333 (or just 3333 if calling from a campus phone).

When you are on campus, be aware of your surroundings. If you need an escort to your vehicle, call 505-566-4444 (DPS non-emergency line) or 505-215-3091 (officer on duty line).

The College will send information for campus emergencies through SJC AlertAware, email and the webpage. Stay informed and stay safe.

## Inclement Weather Information

Students will receive notification of class delays and cancellations due to inclement weather via the SJC AlertAware and SJC student email. Face-to-face classes will not meet in person; however, students



are advised to check with instructors about alternative meeting options, as some may choose to meet via zoom. Hybrid classes will meet as scheduled via zoom. For questions regarding your class delay or cancelation, please contact your instructor.

## Online Course Fee

Online Courses - San Juan College requires all online courses to include some form of assessment to demonstrate the mastery of course objectives. This could include exams, capstone projects, e-portfolios, presentations, final papers or other appropriate assessments. The use of a proctoring platform, plagiarism detection software or other method to ensure that assessments are completed by the enrolled student is required.

A course fee of \$5.00 is assessed for all online courses at San Juan College to cover the cost of the above services. Students who are required to take a proctored exam and choose to use a physical testing center outside the SJC Testing Center or SJC Disability Services will be responsible for the cost of using that center.