



FIRE 131 Rope Rescue Technician Section Name Section Credit Hours Credits
Syllabus

Course Information

Meeting times and location: section meeting_times section location

Catalog description: Teaching the concepts, techniques, and safety for the standard disciplines of rope rescue in the fire service. The student is taught to the technician level of high angle rescue according to the NFPA 1670 standard. Techniques, equipment, strategies and safety are covered. Students are given the opportunity to complete extensive hands-on practice.

Terms offered: Fall and Spring

Section-specific Course Description:

Course Level Objectives

1. Complete instruction in generally recognized rope rescue techniques.
2. Have an exposure to current rope rescue theories and philosophies being taught internationally.
3. Have a structured, progressive, hands-on methodology to aid retention of skills, and/or to upgrade existing skills.
4. Have a mechanism to improve communication and incident management for technical operations
5. Understand the application of current safety considerations for rope rescues.
6. Have an exposure to pre-planning and size-up of possible locations and hazards where rope rescue operations are needed.

Required Texts and/or Materials

Required Technology and Software

- Canvas
- Chrome, Safari, or Firefox

Course Requirements

Students will do the following activities:

1. List the basic characteristics of ropes, knots, technical gear, and litters used in low angle, to high angle rescue work.
2. Manage such systems with fair competency in actual terrain.
3. Describe the management skills needed to direct a technical rope rescue mission.
4. Tie basic rescue knots.
5. Understand and utilize basic camming devices and hitches.
6. Understand and utilize tensioning systems and mechanical advantage systems.
7. Construct effective anchors, utilize natural and artificial anchors.
8. Understand and utilize rope protection .
9. Manage a self-belay, and understand the differences between Independent Belays and Conditional Belays
10. Package a patient into a litter.
11. Rig a litter attachment system.
12. Set up and manage a friction lowering system.
13. Set up and manage a raising system.
14. Understand the role of the Incident Command Systems and the unique position of Safety Officer in rope rescues.
15. Ascend and descend a fixed rope, while using ascending and descending devices.

16. Set and manage a vertical lowering system and switch to a raising system.
17. Set and manage a system to pass a knot through a raising and lowering system.
18. Direct a raising and lowering evolution with a litter and litter attendant for a vertical rescue.

Other Classroom Policies and Expectations

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 = 25%

Final Exam = 25%

JPR = 50%

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

A = 90 to 100%

B = 80 to 89%

C = 70 to 79%

D = 60 to 69%

F = 59% or less

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, instructor response will be immediate

Key Dates to Remember

[Full Academic Calendar](#)

Course Schedule

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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.