

SYLLABUS

COURSE # Fire 273

COURSE TITLE: Advanced Swift Water Rescue Technician

OF CREDITS: 2

CATALOG DESCRIPTION

This course integrates techniques learned in FIRE 272 Swift Water Rescue Technician, taking the students beyond the emphasis on self-rescue to concentrate on victim rescue. Students are exposed to more complex water rescue situations including a mock night river rescue scenario. This course involves classroom and extensive hands-on activities.

Semester Offered: As Needed

Prerequisites: FIRE 131 and 272

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.

GENERAL LEARNING OBJECTIVES

Upon completion of the course, the student will be able to:

1. Operate as a member of a technician level swift water rescue team.

SPECIFIC LEARNING OUTCOMES

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

1. Develop a site survey for an existing water hazard
2. Select water rescue personal protective equipment
3. Swim a designated water course
4. Define search parameters for a water rescue incident
5. Develop an action plan for a shore-based rescue of a single, water-bound victim,
6. Deploy a water rescue rope to a water-bound victim

7. Deploy watercraft
8. Negotiate a designated water course in a watercraft
9. As a member of a team, use a parbuckling technique to extricate an incapacitated water-bound victim from the water to a watercraft
10. Extricate an incapacitated water-bound victim from the water to the shore as a member of a team
11. Perform a swimming surface water rescue
12. Direct a team in the operation of a highline system as a member of a team
13. Define applications for helicopter aquatic rescue operations within the area of responsibility for the AHJ

ATTENDANCE

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%

GRADING

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

Attendance = 25%

Final Exam = 25%

JPR = 50%

A 70% or better is required in each category listed above 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%

HEALTH BACKGROUND STUDENT NOTICE

- 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.

Syllabus developed by _____ Date: _____

Syllabus reviewed by _____ Date: _____

A current syllabus must be on file in the dean's office for every course being taught during a given semester.