

FT R (167)

Class Section Number: 77084

Instructor: David Kromka

OFFICE HOURS: Tuesdays from 4:00PM to 5 pm

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TEXT: Essentials of firefighting I.F.S.T.A Edition 7th

1. COURSE OBJECTIVES

1. Recognize fire apparatus design and construction features including electrical components, hydraulic components, and manually operated components
2. Classify apparatus by type and appropriate use during an emergency.
3. Identify the different types of tools and equipment that the fire service uses and their functions.
4. Identify the different types of equipment that is carried on apparatus and their uses
5. Identify the different types of push pull tool.
6. Identify the various types of gasoline-powered tools.
7. Identify the different types of forcible entry tools
8. Identify the different types of hydraulic rescue tools
9. List the proper safety equipment that must be used when operating tools and equipment
10. List the hazards associated with responding to and returning from an emergency.

2. STUDENT LEARNING OUTCOMES:

1. Identify various types of tools and apparatus that are used in the fire service
2. Determine the proper tool for a particular operation
3. Recognize the hazards associated with tools used in the fire service
4. Determine the proper safety equipment to use when operating equipment.

3. **CATALOG DESCRIPTION:** This course will introduce the student to the concepts related to the fire apparatus design, specifications, performance capabilities and effective utilization of apparatus in the fire service emergencies

4. **GRADES:** 100 % to 90 % = A

89 % to 80 % = B

79 % to 70 % = C

69 % to 60 % = D

59 % to 50 % = F

There are approx. points available in the course. Here is the points break down

Midterm 50 points

Final 50

Quiz's 10 There will be 16 quizzes

Discussions 10 points

Tool book assignments There are 4 of them 20 points for each assignment

5. **ATTENDANCE:** Attendance and punctuality are necessary components of learning. Notify the instructor if you know in advance that you are going to be absent so you may receive any information pertinent to the class you will miss.

Students may be dropped, at instructor's discretion, after 2 days of unexcused absence. Oxnard College Catalog Academic Policies, page 18.

Students who leave the class are expected to follow the appropriate drop procedure. Students who drop the course but who do not formally withdraw and complete the appropriate drop procedures may expect to receive an "F" grade for the course.

All tests and quizzes will be give through canvas. Tests will be open for a limited period. (one week) There are no extensions for students.

Its your responsibility to complete the test prior to the close of the testing period

The student will be dropped from the class when they fail to complete 2 quizzes and, or the midterm

Plagiarism will not be tolerated. Any evidence of cheating will result in referring your name to the college administration for disciplinary action. This could result in you failing this class or suspended from the college, or BOTH!

Statement of Reasonable Accommodation:

Oxnard College faculty members fully support the Americans with Disabilities Act (ADA), Title 5. Section 508, and the Rehab. Act of 1973. Members of the faculty will provide reasonable accommodation to any student with a disability who is registered with the Educational Assistance Center (EAC) who needs and requests accommodation. Faculty may wish to contact the EAC to verify the presence of a disability and confirm that accommodation is necessary. EAC will arrange and provide for the accommodation. Reasonable accommodation may involve allowing a student to use an interpreter, note taker, or reader; accommodation may be needed during class sessions and for administration of examinations. The intent of the ADA in requiring consideration of reasonable accommodation is not to give a particular student an unfair advantage over other students, but simply to allow a student with a disability to have an equal opportunity to be successful.

Students with learning disabilities: For student assistance and/or to be evaluated, please contact OC Educational Assistance Center at 986-5830.

Fall 2021

August 16 session 1 Introduction to class, class expectations, personal protection equipment, personal

Tools: Study pages 181 to 201

22 session 2 Self-contained breathing apparatus, respiratory protection, Apparatus checks , First knot (bowline) Read pages 201 to 232

29 Fire service apparatus types, management of apparatus, pliers.

September 5 Fire hose, (loads, rolls, care), fittings, hose tools and equipment

12 Fire streams, appliances, types of valves

19 Fire service ladders, ladder apparatus, force entry tools (axe, pry bars,K tools, and A tools)

26 Rescue apparatus, push pull tools, power tools(chain saw, rotary saw ,power rescue tools)

October 3 Water tenders, shuttle and relay operations, water systems

10 Midterm

17 USAR apparatus, software and hardware rescue equipment, push pull .tools.

24 Haz Mat tools and apparatus

Oct/Nov. 31 Easter break

November 7 Wild land tools and apparatus

14 Water rescue equipment and marine firefighting Knots

12 Firefighting foam systems and tools, Aircraft firefighting

28 firefighting aircraft, knots

December 5 Support apparatus, knots

- 12 Finals week (you will have one week to complete the final exam on line
- 18 Final test closes and grades posted

Note There are no make up for the tests and quizzes.