

**Basic Course Information**

Semester	<b>Fall 2014</b>	Instructor Name	<b>Alfredo Estrada</b>
Course Title & #	<b>Fire 130 Fundamentals of Fire Fighter Skills, Third Edition</b>	Email	<b>alfredo.estradajr@Imperial.edu</b>
CRN #		Webpage (optional)	
Room		Office	<b>Part-Timers: Room 809</b>
Class Dates		Office Hours	<b>n/a for part-time faculty</b>
Class Days		Office Phone #	<b>Part-time faculty may use dept. secretary phone number.</b>
Class Times	<b>Wednesday 18:30-21:30 Saturday 08:00-16:30</b>	Office contact if student will be out or emergency	<b>Department Secretary Sara Wheat 760-355-6483</b>
Units			

**Course Description**

The Complete Fire Fighter I and Fire Fighter II Training Solution The National Fire Protection Association (NFPA) and the International Association of Fire Chiefs (IAFC) are pleased to bring you the third edition of Fundamentals of Fire Fighter Skills, the next step in the evolution of Fire Fighter I and Fire Fighter II training. With superior teaching and learning tools, the first and second editions of Fundamentals of Fire Fighter Skills set a new benchmark in fire fighter training. Now the NFPA, IAFC, and Jones & Bartlett Learning are proud to raise the bar for the fire service again. Comprehensive Content The third edition covers the entire spectrum of the 2013 Edition of NFPA 1001: Standard for Fire Fighter Professional Qualifications, as well as the requirements for Operations level responders in the 2013 Edition of NFPA 472: Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents. From fire suppression to hazardous materials to emergency medical care, this one volume covers all of Fire Fighter I and Fire Fighter II training requirements. Tools for Success • Skill drills leave the confines of the printed page. See skills performed in real-time by swiping QR Codes with your smart phone or tablet. • Quickly identify Fire Fighter II content and skill drills through clear visual roadmaps. • Rapidly access content through clear and concise Knowledge and Skill Objectives with page references, as well as NFPA 1001 and 472 correlations. • Encourage critical thinking skills. Fire Fighter I and Fire Fighter II case studies offer students a genuine context for applying the knowledge presented in the chapter. Dynamic Technology Solutions World-class content joins instructionally sound design in a user-friendly online interface to give both educators and students a truly interactive and engaging learning experience with: • Web Tools, including an Audio Book • Learning Management System • eBook • Interactive Lectures • TestPrep

**Student Learning Outcomes**

1. Define and demonstrate knowledge of fire department organization and culture, and the expectations of entry-level fire department personnel. (ILO1, ILO2)
2. Demonstrate knowledge of fire department equipment through the selection and application of equipment for given firefighting tasks. (ILO1, ILO2)
3. Analyze and assess firefighter hazards inherent to the profession. (ILO1, ILO3)
4. Demonstrate the ability to communicate effectively through multiple methods of communication including: written, electronic, face to face, and radio transmitted messages. (ILO1, ILO2, ILO3, ILO4)
5. Demonstrate their knowledge of strategies, tactics and incident command through the selection and implementation of firefighting methods, and the application of the Incident Command and Emergency Management Systems. (ILO1, ILO2, ILO3, ILO4)

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6. Demonstrate safe practices by using minimum standard safety procedures compliant with industry standards. (ILO1, ILO2, ILO3, ILO4)

### Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. Demonstrate knowledge and skills necessary to safely perform tasks required of an entry-level fire fighter, including fire behavior, extinguishment theory, water systems, fire protection systems, fire behavior, investigation and essential fire-ground operation.
2. Demonstrate knowledge and proficiency use, inspect, test and maintain the tools, equipment, and accessories necessary to perform the job of a firefighter, including but not limited to hand, power, and hydraulic tools, chain and circular saws, forcible entry tools, air chisels, lighting equipment, fire service jacks, flares or fuses, thermal imaging devices and navigational tools.
3. Comprehend and analyze characteristics of fire behavior, and evaluate a variety of methods and techniques for containment and extinguishment.
4. Recognize and describe common causes of injury and death associated with firefighting and ways to improve safety.
5. Demonstrate knowledge and skills necessary to safely use, inspect and maintain self-contained breathing apparatus.
6. Demonstrate knowledge and skill to inspect and effectively operate fire extinguishers.
7. Apply information on the different types of fire service ropes, their usage, construction, inspection, proper care, storage and record keeping requirements.
8. Comprehend and demonstrate knowledge on information, methods, and techniques for the use, inspection, care and maintenance of hoses, nozzles and appliances.
9. Demonstrate knowledge of methods and techniques for use, inspection, care and maintenance and testing of ground ladders

### Textbooks & Other Resources or Links

## Fundamentals of Fire Fighter Skills

Publication Date: **July 9, 2013** | ISBN-10: **1284059650** | ISBN-13: **978-1284059656** | Edition: **3**

### Course Requirements and Instructional Methods

Students must complete:

- Firefighter 1 Capstone Task Book
- Firefighter 1 Skills Testing Summary Sheets
- Assigned weekly quizzes
- Assigned weekly skills

### Course Grading Based on Course Objectives

- **Written/Online tests** will be completed after each section of the course. Multiple-choice, matching, identify, and short-answer written tests are used to evaluate student achievement of the cognitive lesson objectives taught. Each test item has its own criterion standard. To show mastery of each tested objective, you must achieve a required percentage score of 70%.
- **Skills Sheet** will be completed after each section of the course that requires evaluation of the student's mastery of the lesson's psychomotor objectives. Performance tests address the highest thinking and performance skills-

those that are likely to give the firefighter the most problems on the job. All manipulative skills must be passed with a percentage score of 80%.

- **Final Evaluation:**
  - A) All written tests must be successfully completed.
  - B) All performance tests must be successfully completed.
  - C) Final exam must be successfully completed with a grade of “C” or above.
- **All Make up tests** will be given by the Lead Instructor. The highest score that you are able to attain is a 70% regardless of the higher score you achieve.

### Attendance

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student’s status will be the same as that of any other student who desires to add a class. It is the student’s responsibility to drop or officially withdraw from the class. See General Catalog for details.
- Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as ‘excused’ absences.

### Classroom Etiquette

#### Required Information --Discretionary language

**This is where an instructor explains his/her policy on these matters. Here is some suggested language:**

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class, unless otherwise directed by the instructor. **Consider:** specifics for your class/program
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.

### Academic Honesty

- Plagiarism is taking and presenting as one’s own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to ‘cite a source’ correctly, you must ask for help.

- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment, or using or attempting to use materials, or assisting others in using materials that are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General School Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment; (c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment; (e) using a commercial term paper service.

### Additional Help – Discretionary Section and Language

**The instructor can add the information pertinent to his or her class here. Some suggested language:**

- Blackboard support center: <http://bbcrm.edusupportcenter.com/ics/support/default.asp?deptID=8543>
- Learning Labs: There are several ‘labs’ on campus to assist you through the use of computers, tutors, or a combination. Please consult your college map for the Math Lab, Reading & Writing Lab, and Study Skills Center (library). Please speak to the instructor about labs unique to your specific program.
- Library Services: There is more to our library than just books. You have access to tutors in the Study Skills Center, study rooms for small groups, and online access to a wealth of resources.

### Disabled Student Programs and Services (DSPS)

**Required Language:** Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6313, if you feel you need to be evaluated for educational accommodations.

### Student Counseling and Health Services

**Required Language:** Students have counseling and health services available, provided by the pre-paid Student Health Fee. We now also have a fulltime mental health counselor. For information see <http://www.imperial.edu/students/student-health-center/>. The IVC Student Health Center is located in the Health Science building in Room 2109, telephone 760-355-6310.

### Student Rights and Responsibilities

**Required Language:** Students have the right to experience a positive learning environment and due process. For further information regarding student rights and responsibilities, please refer to the IVC General Catalog available online at [http://www.imperial.edu/index.php?option=com\\_docman&task=doc\\_download&gid=4516&Itemid=762](http://www.imperial.edu/index.php?option=com_docman&task=doc_download&gid=4516&Itemid=762)

### Information Literacy

**Required Language:** Imperial Valley College is dedicated to helping students skillfully discover, evaluate, and use information from all sources. Students can access tutorials at <http://www.imperial.edu/courses-and-programs/divisions/arts-and-letters/library-department/info-lit-tutorials/>

### Anticipated Class Schedule / Calendar

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**Required Information –Discretionary Language and Formatting:** The instructor will provide a tentative, provisional overview of the readings, assignments, tests, or other activities for the duration of the course. The faculty may find a table format useful for this purpose.

1	W	August 20th	18:30-21:30	3	Read Chapter 2 & 3 Fire Fighter Safety /SCBA & Fundamental FireFighter Skill 3rd Edition. NFPA
	S	August 23rd	08:00-08:50	7.5	Fire Fighter Fitness
	S		09:00-16:25	6.5	Read Chapter 2 & 3-Fire Fighter Safety / SCBA
	S			6.5	SFT FF1 Unit D & E
	S			0	August 25th Quiz Opens Chapt 2 & 3
2	W	August 27th	18:30-21:30	3	Read Chapter 10-Ropes and Knots
	S	August 30th	08:00-08:50	7.5	Firefighter Fitness
	S		09:00-16:25	6.5	Read Chapter 10-Ropes and Knots (SFT FF1 Unit G)
	S			6.5	
	S			6.5	
3	W	Sept. 3rd	18:30-21:30	3	Read Chapter 10-Ropes and Knots
					September 8th Quiz Opens Chapter 10
	S	Sept. 6th	08:00-08:50	1	Firefighter Fitness
	S		09:00-16:25	6.5	Read Chapter 13-Ladders (SFT FF1 Unit I)
	S			6.5	
	S			6.5	
4	W	Sept. 10th	18:30-21:30	3	Read Chapter 13-Ladders
	S	Sept. 13th	08:00-08:50	1	Firefighter Fitness
	S		09:00-16:25	6.5	Chapter 13-Ladders
	S			6.5	
	S			6.5	September 15th Quiz Opens Chapter 13
5	W	Sept. 17th	18:30-21:30	3	Read Chapter 15-Ventilation
	S	Sept. 20st	08:00-08:50	7.5	Firefighter Fitness
	S		09:00-16:25	6.5	Chapter 15-Ventilation (SFT FF1 Unit L)
	S			6.5	
	S			0	September 22nd Quiz Opens Chapter 15
6	W	Sept. 24th	18:30-21:30	3	Read Chapter 9-Fire Fighter Tools & Equipment
	S	Sept. 27th	08:00-08:50	7.5	Firefighter Fitness
	S		09:00-16:25	6.5	Chapter 9-Fire Fighter Tools & Equipment (SFT FF1 Unit B)
	S			6.5	
	S			6.5	September 29th Quiz Opens Chapter 9
7	W	Oct. 1st	18:30-21:30	3	Chapter 16-Water Supply
	S	Oct. 4th	08:00-08:50	7.5	Firefighter Fitness

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	S		09:00-16:25	6.5	Chapter 16-Water Supply (SFT FF1 Unit H)
	S			6.5	October 6th Quiz Opens Chapter 16
8	W	Oct. 8th	18:30-21:30	3	Chapter 17-Fire Hose, Nozzles, Streams, & Foam
	S	Oct. 11th	08:00-08:50	7.5	Firefighter Fitness
	S		09:00-16:25	0	Chapter 17-Fire Hose, Nozzles, Streams, & Foam (SFT FF1 Unit H)
	S			6.5	SFT FF1 Unit H
	S			6.5	October 13th Quiz Opens Chapter 17
9	W	Oct. 15th	18:30-21:30	3	Chapter 18-Firefighter Survival (STF FF1 Unit K)
	S	Oct. 18th	08:00-08:50	7.5	Firefighter Fitness
	S		09:00-16:25	6.5	Chapter 18-Firefighter Survival
	S			6.5	Ocotober 20th Quiz Opens Chapter 18
10	W	Oct. 22nd	18:30-21:30	3	Chapter 19-Salvage & Overhaul (SFT FF1 Unit N)
	S	Oct. 25th	08:00-08:50	7.5	Fire Fighter Fitness
	S		09:00-16:25	6.5	Review Final Skills
	S			6.5	
	S			6.5	
	S			6.5	
	S			6.5	
	S			6.5	
11	W	Oct. 29th	18:30-21:30	3	Review
	S	Nov. 1st	08:00-08:50	7.5	Fire Fighter Fitness
	S		09:00-16:25	6.5	Final Skills
	S			6.5	
	S			6.5	
	S			6.5	
	S			6.5	
12	W	Nov. 5th	18:30-21:30	3	Final Exam
			<b>Total Hours</b>	<b>326.5</b>	