



Basic Course Information

Semester:	Spring 2025	Instructor Name:	Robert Malek
Course Title & #:	Firefighter Academy 1	Email:	Robert.malek@imperial.edu
CRN #:	20491	Webpage (optional):	
Classroom:	3204 & Other	Office #:	3200 Fire Office
Class Dates:	Jan 2nd – April 19th	Office Hours:	M-Thur 9-1
Class Days:	Tue,Wed,Thurs, & Sat	Office Phone #:	760-355-6160
Class Times:	T,W,TR 1800-2205 Sat 0830-1435	Emergency Contact:	Department Secretary/Tricia Jones 760-355-6483
Units:	10	Class Format/Modality:	In Person/Hybrid

Course Description

Basic Fire Academy I and II is designed for the individual who desires a career as a professional fire fighter. This course includes instruction in basic firefighting skills, personnel rules and regulations in professional organizations, equipment operation and maintenance, elementary fire behavior, fire ground safety and operations, self-contained breathing apparatus operation and maintenance, portable fire extinguisher operation and maintenance, firefighting tactics and strategies on the fire ground. This course is intensive, requiring the students' total dedication for successful completion.

Course Prerequisite(s) and/or Corequisite(s)

Fire 140

Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

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)

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 and Hazardous Materials Response Publication Date: 2019 | LCCN:2017058178 | ISBN-13: 978-1284151336 | Edition: 4

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

Presentation- 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 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.



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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.

Academic Honesty (Artificial Intelligence -AI)

IVC values critical thinking and communication skills and considers academic integrity essential to learning. Using AI tools as a replacement for your own thinking, writing, or quantitative reasoning goes against both our mission and academic honesty policy and will be considered academic dishonesty, or plagiarism unless you have been instructed to do so by your instructor. In case of any uncertainty regarding the ethical use of AI tools, students are encouraged to reach out to their instructors for clarification.

Accessibility Statement

Imperial Valley College is committed to providing an accessible learning experience for all students, regardless of course modality. Every effort has been made to ensure that this course complies with all state and federal accessibility regulations, including Section 508 of the Rehabilitation Act, the Americans with Disabilities Act (ADA), and Title 5 of the California Code of Regulations. However, if you encounter any content that is not accessible, please contact your instructor or the area dean for assistance. If you have specific accommodations through **DSPS**, contact them for additional assistance.

We are here to support you and ensure that you have equal access to all course materials.

Course Policies

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.

Electronic Devices: Cell phones and electronic devices must be turned off and put away during class, unless otherwise directed by the instructor.

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 by the instructor.

• 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

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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.*
- *What is netiquette? Netiquette is internet manners, online etiquette, and digital etiquette all rolled into one word. Basically, netiquette is a set of rules for behaving properly online.*
- *Students are to comply with the following rules of netiquette: (1) identify yourself, (2) include a subject line, (3) avoid sarcasm, (4) respect others' opinions and privacy, (5) acknowledge and return messages promptly, (6) copy with caution, (7) do not spam or junk mail, (8) be concise, (9) use appropriate language, (10) use appropriate emoticons (emotional icons) to help convey meaning, and (11) use appropriate intensifiers to help convey meaning [do not use ALL CAPS or multiple exclamation marks (!!!)].*
- *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 plagiarizing 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 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.

Financial Aid

Your Grades Matter! In order to continue to receive financial aid, you must meet the Satisfactory Academic Progress (SAP) requirement. Making SAP means that you are maintaining a 2.0 GPA, you have successfully completed 67% of your coursework, and you will graduate on time. If you do not maintain SAP, you may lose your financial aid. If you have questions, please contact financial aid at finaid@imperial.edu.

IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit <http://www.imperial.edu/studentresources> or click the heart icon in Canvas.



Anticipated Class Schedule/Calendar

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Spring 2025

Date	Day	Time	Subject	Le Instr
WEEK 1				
01/02/25	Thur	18:00-22:05	Orientation	MA
01/04/25	Sat	08:30-14:35	History of Fire Service/Admin/PPE Hand Out/Fit Testing	MA
WEEK 2				
01/07/25	Tues	18:00-22:05	Firefighter Safety/Personal Protective Equipment and SCBA	MA
01/08/25	Wed	18:00-22:05	Firefighter Safety/Personal Protective Equipment and SCBA	MA
01/09/25	Thur	18:00-22:05	Firefighter Safety/Personal Protective Equipment and SCBA	MA
01/11/25	Sat	08:30-14:35	Firefighter Safety/Personal Protective Equipment and SCBA	Mar
WEEK 3				
01/14/25	Tues	18:00-22:05	Incident Command System in the Fire Service	MA
01/15/25	Wed	18:00-22:05	Fire Service Communications	MA
01/16/25	Thur	18:00-22:05	Fire Behavior	MA
01/18/25	Sat	08:30-14:35	State Required FF1 Psychomotor Skills	Mar
WEEK 4				
01/21/25	Tues	18:00-22:05	Building Constructions / Pre Incident Planning	MA
01/22/25	Wed	18:00-22:05	Fire Behavior	MA
01/23/25	Thur	18:00-22:05	Portable Fire Extinguishers	MA
01/25/25	Sat	08:30-14:35	State Required FF1 Psychomotor Skills	Mar
WEEK 5				



01/28/25	Tues	18:00-22:05	Firefighter Tools and Equipment	MA
01/29/25	Wed	18:00-22:05	Ropes and Knots	MA
01/30/25	Thur	18:00-22:05	Ropes and Knots	MA
02/01/25	Sat	08:30-14:35	Ropes and Knots	Mar
WEEK 6				
02/04/25	Tues	18:00-22:05	Forcible Entry	MA
02/05/25	Wed	18:00-22:05	Forcible Entry	MA
02/06/25	Thur	18:00-22:05	Forcible Entry	MA
02/08/25	Sat	08:30-14:35	Ladders	Mar
WEEK 7				
02/11/25	Tues	18:00-22:05	Ladders	MA
02/12/25	Wed	18:00-22:05	Ladders	MA
02/13/25	Thur	18:00-22:05	Ladders	MA
02/15/25	Sat	08:30-14:35	Ladders	Mar
WEEK 8				
02/18/25	Tues	18:00-22:05	Search and Recues	MA
02/19/25	Wed	18:00-22:05	Search and Recues	MA
02/20/25	Thur	18:00-22:05	Search and Recues	MA
02/22/25	Sat	08:30-14:35	Search and Recues	Mar
WEEK 9				
02/25/25	Tues	18:00-22:05	Ventilation	MA
02/26/25	Wed	18:00-22:05	Ventilation	MA
02/27/25	Thur	18:00-22:05	Ventilation	MA
03/01/25	Sat	08:30-14:35	Ventilation	Mar



WEEK 10				
03/04/25	Tues	18:00-22:05	Salvage and Overhaul	MA
03/05/25	Wed	18:00-22:05	Fire Attack and Foam / Firefighter Survival	MA
03/06/25	Thur	18:00-22:05	Water Supply	MA
03/08/25	Sat	08:30-14:35	State Required FF1 Psychomotor Skills	Mar
WEEK 11				
03/11/25	Tues	18:00-22:05	Fire Suppression	MA
03/12/25	Wed	18:00-22:05	Fire Suppression	MA
03/13/25	Thur	18:00-22:05	Live Burn Simulation	MA
03/15/25	Sat	08:30-14:35	Live Burn	Mar
WEEK 12				
03/18/25	Tues	18:00-22:05	HazMat FRA	MA
03/19/25	Wed	18:00-22:05	HazMat FRO	MA
03/20/25	Thur	18:00-22:05	HazMat FRO	MA
03/22/25	Sat	08:30-14:35	HazMat FRO Testing	MA
WEEK 13				
03/25/25	Tues	18:00-22:05	Wildland and Ground Fires	ZAMB
03/26/25	Wed	18:00-22:05	Wildland and Ground Fires	ZAMB
03/27/25	Thur	18:00-22:05	Wildland and Ground Fires	CAS
03/29/25	Sat	08:30-14:35	Wildland and Ground Fires	ZAMB
WEEK 14				
04/01/25	Tues	18:00-22:05	State Required FF1 Psychomotor Skills	MA
04/02/25	Wed	18:00-22:05	State Required FF1 Psychomotor Skills	MA
04/03/25	Thur	18:00-22:05	State Required FF1 Psychomotor Skills	MA



04/05/25	Sat	08:30-14:35	State Required FF1 Psychomotor Skills	Mar
WEEK 15				
04/08/25	Tues	18:00-22:05	State Required FF1 Psychomotor Skills	MA
04/09/25	Wed	18:00-22:05	State Required FF1 Psychomotor Skills	MA
04/10/25	Thur	18:00-22:05	State Required FF1 Psychomotor Skills	MA
04/12/25	Sat	08:30-14:35	State Required FF1 Psychomotor Skills	Mar
WEEK 16				
04/15/25	Tues	18:00-22:05	State Required FF1 Psychomotor Skills	MA
04/16/25	Wed	18:00-22:05	State Required FF1 Psychomotor Skills	MA
04/17/25	Thur	18:00-22:05	Final Written Exam	MA
04/19/25	Sat	08:30-14:35	Final Skills Exam	MA

*****Subject to change without prior notice*****