

### Basic Course Information

Semester:	<b>Winter 2023</b>	Instructor Name:	<b>Robert Malek/Eloy Martinez</b>
Course Title & #:	Fire 220 Driver/OP 1A	Email:	<b>Robert.malek@imperial.edu</b>
CRN #:	<b>15148</b>	Webpage (optional):	<b>N/A</b>
Classroom:	<b>ICFD ST #2</b>	Office #:	
Class Dates:	<b>1/3/2023- 1/6/2023</b>	Office Hours:	<b>N/A</b>
Class Days:	<b>M-F</b>	Office Phone #:	<b>760-897-9749</b>
Class Times:	8:30-5:20	Emergency Contact:	
Units:	2.5		

### Course Description

**This course provides the student with information on driver responsibilities, recognized standards, and related laws for fire apparatus. Topics include basic inspections, documentation, maintenance, and troubleshooting fire apparatus, and techniques on driving and positioning fire apparatus. Each student also has the opportunity to increase his or her driving skills during simulated driving conditions. (CSU)**

### Student Learning Outcomes

- 1. Select and use appropriate methods and materials to complete laboratory assignments to standards based on building type, location of fire, and other apparatus responding to scene. (ILO2)**
- 2. The student shall demonstrate proficiency in apparatus pre-trips. (ILO2)**
- 3. The student shall demonstrate apparatus manipulation of fire apparatus. (ILO3)**

### Course Objectives

1. Demonstrate a working knowledge of laws relating to emergency and non-emergency driving, theories and principles of defensive driving, operator's permit and medical evaluation with an overall exam score of 70% or higher.
2. Demonstrate a working knowledge of braking reaction times with an overall exam score of 70% or higher.
3. Demonstrate a working knowledge of driving apparatus to the emergency scene, including emergency response in congested traffic, steering and load control, driving apparatus during adverse weather conditions, steering out of skids, and considerations which determine engine placement with an overall exam score of 70% or higher.
4. Demonstrate knowledge of times, gauges, levels, and systems failure checks with an overall exam score of 70% or higher.

5. Demonstrate knowledge of maintenance requirements and procedures with an overall exam score of 70% or higher.
6. Demonstrate knowledge of various pump tests with an overall exam score of 70% or higher.
7. Demonstrate knowledge of driving, braking, and parking techniques with an overall exam score of 70% or higher.
8. Demonstrate knowledge of the procedure for mobile pump testing with an overall exam score of 70% or higher.

*The objectives in this course align with the Fire and Emergency Services Higher Education (FESHE) Initiatives, as well as FESHE course objectives; What is FESHE? Working with coordinators of two- and four-year academic fire and emergency medical services (EMS) degree programs, the U. S. Fire Administration's National Fire Academy (NFA) has established the FESHE network of emergency services related education and training providers.*

*The FESHE mission is to: Establish an organization of post-secondary institutions to promote higher education and to enhance the recognition of the fire and emergency services as profession to reduce loss of life and property from fire and other hazards.*

*The initiatives are supported by solutions identified from other industries that could be applied to fire and emergency services.*

### **Textbooks & Other Resources or Links**

Text: IFSTA; Pumping Apparatus Driver/Operator Handbook, 3<sup>rd</sup> Edition Published by the International Fire Service Training Association (IFSTA) ISBN: 978-0-87939-574-2  
IFSTA Item #: 36727

### **Course Requirements and Instructional Methods**

#### Assignments

Students will complete the following assignment activities. When completing your written assignments in either Microsoft Word or rich text format (using Times New Roman size 12 font ONLY) – not Word Perfect, use APA

CITED textbook concepts to analyze the disaster response issues. If you just complete the assignments in broad terms without applying text concepts using APA citations, your grade will be significantly lower. While older sources are fine, students must include the required number of citations from the textbook and more current sources.

APA Citations: APA citations are required for assignments. Please ensure you're familiar with the process for correctly citing sources in your course submissions.

I strongly recommend students review a grammar/writing guide prior to submitting assignments. My goal is assignments will be reviewed and grades posted within 24 hours of their submission. Assignments submitted late

will have a 10 % penalty assessed for each week late. Cover, reference, appendix, and table pages DO NOT count

towards the page length requirements. There is NO extra credit or makeup assignments offered in the course, so every assignment contributes to students' final course grades. Assignments MUST be posted to the Canvas site and do

NOT get course messaged to me. I do not want a “backup” copy sent to me. Use Canvas only – thanks!

### Course Grading Based on Course Objectives

**Day 1 Quiz- 25 points**

**Day 2 Quiz- 25 points**

**Day 3 Quiz- 25 points**

**Day 4 Quiz- 25 points**

**Presentation – 100 points**

**Exam- 100 points**

**Total Points Possible- 300**

### 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

- 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 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.

### Online Netiquette

- 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 (!!!!)].

### Academic Honesty

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another's work and recognize the important of acknowledging and safeguarding intellectual property.

There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- **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.

## Additional Student Services

Imperial Valley College offers various services in support of student success. The following are some of the services available for students. Please speak to your instructor about additional services which may be available.

- **[Canvas Support Site](#)**. The Canvas Support Site provides a variety of support channels available to students 24 hours per day.
- **[Learning Services](#)**. There are several learning labs on campus to assist students through the use of computers and tutors. Please consult your [Campus Map](#) for the [Math Lab](#); [Reading, Writing & Language Labs](#); and the [Study Skills Center](#).
- **[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)

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. Please contact them if you feel you need to be evaluated for educational accommodations.

## Student Counseling and Health Services

Students have counseling and health services available, provided by the pre-paid Student Health Fee.

- **[Student Health Center](#)**. A Student Health Nurse is available on campus. In addition, Pioneers Memorial Healthcare District provide basic health services for students, such as first aid and care for minor illnesses. Contact the IVC [Student Health Center](#) at 760-355-6128 in Room 1536 for more information.
- **[Mental Health Counseling Services](#)**. Short-term individual, couples, family, and group therapy are provided to currently enrolled students. Contact the IVC [Mental Health Counseling Services](#) at 760-355-6196 in Room 2109 for more information.

## Student Rights and Responsibilities

Students have the right to experience a positive learning environment and to due process of law. For more information regarding student rights and responsibilities, please refer to the IVC [General Catalog](#).

## Information Literacy

Imperial Valley College is dedicated to helping students skillfully discover, evaluate, and use information from all sources. The IVC [Library Department](#) provides numerous [Information Literacy Tutorials](#) to assist students in this endeavor.

## Anticipated Class Schedule/Calendar

Fire Apparatus Driver/Operator 1A Revised May 2019

Unit 1: Introduction

Topic 1-1: Orientation and Administration Lecture 0:30 To be determined by instructor

Topic 1-2: Fire Apparatus Driver/Operator Certification Process Lecture 0:30 To be determined by instructor

Unit 2: Preventive Maintenance

Topic 2-1: Perform Routine Tests, Inspections, and Servicing Functions Lecture 5:00 Recommended activity 1:00

Topic 2-2: Document Routine Tests, Inspections, and Servicing Functions Lecture 0:30 Recommended activity 0:30

Unit 3: Operating/Driving

Topic 3-1: Operate a Fire Apparatus Lecture 6:00 Recommended activity 1:00

Topic 3-2: Operate a Vehicle Using Defensive Driving Techniques Lecture 3:00 Recommended activity 1:00

Topic 3-3: Back a Vehicle from a Roadway into Restricted Spaces Lecture 0:15

Activity 3-3-1: Alley Dock or

Activity 3-3-2: Station Parking \*

Topic 3-4: Maneuver a Vehicle around Obstructions on a roadway While Moving Forward and In Reverse Lecture 0:15 Activity 3-4-1: Serpentine

Topic 3-5: Turn a Fire Apparatus 180 Degrees within a Confined Space Lecture 0:15

Activity 3-5-1: Confined Space Turnaround \*

Topic 3-6: Maneuver a Fire Apparatus in Areas with Restricted Horizontal and Vertical Clearances Lecture 0:15

Activity: 3-6-1: Diminishing Clearance \*

Topic 3-7: Operate All Fixed Systems and Equipment on a Fire Apparatus Lecture 1:00 To be determined by the instructor

Note: Skills time will vary depending on the number of students in the program. It is important to remember that the suggested skill hours are for 30 students

**\*\*Tentative, subject to change without prior notice\*\*\***