

IMPERIAL VALLEY COLLEGE
FALL SEMESTER - 2012
FIRE PREVENTION TECHNOLOGY
FIRE TECHNOLOGY (FT-101)
CRN 10964

Instructor(s): R. Malek Phone – 760 355-1191 Ext.115

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Day: Thursday 1830-2240hrs

On Campus

Room: 2137

Text and Supplies:

The following text and supplies are required for this course:

IFSTA - Fire Inspection and Code Enforcement (7th edition)
Scantrons and #2 pencils

Course Goals

This course is a general introduction to the study of fire science. This course examines the history and growth of the fire service from its beginning to modern day firefighting. Students will cover the life safety code (NFPA-101), fire protection systems, firefighter safety and survival, along with identifying and analyzing the fire problems we face in the fire service today. This course will also cover what fire is, the chemical hazards of combustion and related by-products of fire. Fire department organization, administration, operations, and basic firefighting strategies and tactics, as well as community fire prevention strategies, will be covered.

Course Objectives

Student will demonstrate a working knowledge of:

1. Discuss the history of fire service.
2. Identify various careers in fire technology.
3. Describe organizational structures of fire protection service.
4. Discuss uses and describe construction of the different types of fire department equipment.
5. Describe practices of municipal fire defense maintenance
6. Describe practices of private fire protection.
7. In a classroom environment, describe fire tactics and strategy.
8. Identify different types of firefighting apparatus.
9. Describe the major differences between volunteer and career fire service.
10. Analyze and discuss the fire tetrahedron and its impact on the life safety code.
11. Describe features and requirements of automatic fire protection systems.
12. Describe features and characteristics of fire protection clothing.

CLASS SCHEDULE

<u>Date/Time:</u>	<u>Subject/Assignments</u>
Aug 23rd 1830 – 2140	<i>Lecture:</i> Orientation and Fire Technology Curriculum; Chapter 1 <i>Assignment:</i> Read Chapter 1 and Chapter 2
Aug 30th 1830 - 2140	<i>Lecture:</i> Chapter 2 / Review for test <i>Assignment:</i> Read Chapter 3
Sept 4th	<i>(Census roster due)</i>
Sept. 6th 1830 – 2140	<i>Quiz #1- Chapters 1 & 2</i> <i>Lecture:</i> Chapter 3 <i>Assignment:</i> Project discussion
Sept 13th 1830 – 2140	<i>Lecture:</i> Chapter 3 <i>Assignment:</i> Read Chapter 4
Sept 20th 1830 – 2140	<i>Lecture:</i> Chapter 4 <i>Assignment:</i> Read Chapter 5
Sept 27th 1830 – 2140	<i>Lecture:</i> Chapter 5 / Review for test <i>Assignment:</i> Read Chapter 6
Oct 4th 1830 – 2140	<i>Project #1 due & Quiz #2 – Chapter 3, 4 & 5</i> <i>Lecture:</i> Chapter 6 <i>Assignment:</i> <i>Bring topics for project in for discussion</i>
Oct 11th 1830 - 2140	<i>Field Trip:</i> Library Tour <i>Project #2 – Pick topic for Project</i> <i>Assignment:</i> Read Chapter 7
Oct 18th 1830 - 2140	<i>Lecture:</i> Chapter 7 <i>Assignment:</i> Read Chapter 8
Oct 25th 1830 – 2140	<i>Lecture:</i> Chapter 8 / Review for test <i>Assignment:</i> Read Chapter 9
Nov 1st 1830 – 2140	<i>Quiz #3 – Chapters 6, 7 & 8</i> <i>Lecture:</i> Chapter 9 <i>Assignment:</i> Read Chapter 10 “Fire Department Organization and Management”
Nov 8th 1830 – 2140	<i>Lecture:</i> Chapter 10 “Fire Department Organization and Management” <i>Assignment:</i> Complete Project #2 to submit on Nov 15th.

<i>Nov 10th</i>	<i>Deadline to drop full-term classes</i>
Nov 15th 1830 – 2140	<i>Project #2 Due & Quiz #4 – Chapters 9 & 10</i> <i>Lecture: Review/ Read Ch. 11&12</i>
Nov 22th	Lecture Ch. 11&12
Nov. 29th	<i>Exercise # 1 & #2</i>
Dec 6th	Final Exam

EVALUATION

There will be four (4) quizzes; each worth 100 points

Final Exam; worth 200 Points

There will be two written assignments; each worth 100 points.

There are a total of 800 points available.

GRADING SYSTEM

Points = Letter grade

720 - 800 = A - Superior
 640 - 719 = B - Better than average
 560 - 639 = C - Average
 480 - 559 = D - Below average
 Below 479 = F – Failing

An overall grade point average of 2.0 (C) or higher must be earned in all work undertaken.

CLASS POLICIES

⇒ Extra credit work will not be accepted.

⇒ Missed tests may be made up at the convenience of the instructor.

⇒ The policy on attendance at IVC is as follows:

Regular attendance in all classes is expected of all students enrolled. Instructors are expected to take a student's attendance record into account in computing grades.

A student may be excluded from further attendance in a class during any semester when absences after the close of late registration have exceeded the number of class hours which the class meets per week. Further, an instructor may drop any student judged to be a disturbing element in the class.

However, this course is very intensive, requiring the students' total dedication for successful completion. It will be very difficult to make up missed lessons. Perfect attendance and being at class on time is required for successful completion of the course.

A student who is tardy three times may be considered as having been absent once.

⇒ *No eating, drinking or smoking in classrooms.*

⇒ Standards of conduct:

Students shall assume an obligation to conduct themselves in a manner compatible with the college's function as an educational institution. Students shall observe the rules and regulations of the College. Students shall refrain from conduct which interferes with the College's teaching and administration, or which unreasonably interferes with the rights of others.

All forms of harassment are contrary to basic standards of conduct between individuals and are prohibited by state and federal law and will not be tolerated.

Misconduct for which students are subject to disciplinary action (i.e. Dishonesty, such as cheating) are listed in the College's General Catalog.

⇒ If cheating or plagiarism is discovered, a student may be dropped for the course with a grade of "F".

⇒ Any student needing supportive services because of a disability contact your instructor or the Disabled Student Programs and Services program.

IMPORTANT DATES:

August 23 Classes begin. Beginning on first day each class meets, add authorization code from instructor required to register for that class, filled or open

August 20 – September 1 Late Registration. Beginning on first day each class meets, add authorization code from instructor required to register for that class, filled or open.

*****September 1*** Deadline to register for full-term courses**

Deadline to drop full-term classes without owing fees and/or be eligible for refund.

Deadline to select P/NP grading option for courses with that option (see section on *Change Grading Options*). Does not pertain to Non-credit Program courses.

September 3 Deadline to drop without course appearing on transcript (without receiving W). Note: fees will be charged and no refunds given for courses dropped on September 2 or 3. See Sept. 1.

September 3 Holiday – Labor Day; no classes

September 4 Census

September 4 Ticketing for parking violations in student spaces on main campus begins. Note: tickets are issued for reserved (faculty/staff), disabled, metered, 15-minute, and no-parking spaces year around.

September 28 **Deadline to make up incomplete grade (I) granted Spring or Summer 2012**

October 24 Financial Aid Return to Title IV drop deadline.

November 1 **Deadline to submit *Petition for Graduation* for degree to be awarded Fall 2012.** Completed petition must be received in Admissions & Records Office by this date. Students must meet with a Counselor and have an evaluation completed and petition signed before this date.

November 12 Holiday – In Honor of Veterans' Day; no classes.

*****November 10***** **Deadline to drop full-term classes**

November 22 – 24 Holiday – Thanksgiving – No Classes Thursday, Friday, and Saturday.

December 3-7 Last week of classes including final examinations.