

IMPERIAL VALLEY COLLEGE

COURSE SYLLABUS FIRE PROTECTION ORGANIZATION FIRE 100 (CRN: 20779)

SPRING SEMESTER - 2013

Instructor:

John D. Green, Captain
Imperial County Fire Department
Email: john.green@imperial.edu

Day/Time: Tuesday/18:30-21:40

Location: On Campus Room: 2137

Text and Supplies:

The following text and supplies are required for this course:

IFSTA - Fire Service Orientation and Terminology, Fifth Edition
Scantron's and #2 pencils



[Fire and Emergency Services Orientation & Terminology](#)

ISBN: 978-0-87939-403-5

Edition: 5th Edition

Year: 2011

Pages: 660

IFSTA Item Number: 36644

Course Goals

The goals of this course is to provide the student with an introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; organization and function of public and private fire protection services; fire department as a part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; and an introduction to fire strategy and tactics.

Course Objectives

Student will demonstrate a working knowledge of:

1. The scope and content of fire technology curriculum, career potential assessment, affirmative action, equal employment opportunity commission, available training programs, and personnel development programs.
2. Public and private fire protection careers.
3. The history of fire protection, fire losses, the purpose and scope of fire agencies, and defense planning.

4. Types of organizations, advisory and regulatory agencies, private fire suppression organizations, and proprietary services.
5. The characteristics and behavior of fire.
6. The department facilities, types of apparatus and their functions, equipment and tools carried on apparatus, and personal safety equipment.
7. Operational functions of a fire department.
8. Emergency operations including personnel, alarm systems, and standard operating procedures.
9. Fire prevention personnel and positions, responsibilities of the Fire Prevention Bureau, company inspection programs, and fire information reporting systems.
10. Training as it pertains to personnel and positions, skill development and maintenance, and performance standards.
11. Fire administration as it pertains to personnel and positions, functions, relationship of fire department with other agencies, rules and regulations, internal and external influences, and computer applications.
12. Codes and ordinances, including federal, state, and local, the responsibility for enforcement, the relationship of codes and standards, and the relationship of federal, state, and local regulations.
13. Public and private fire protection systems and extinguishing agents.
14. Emergency incident management, including strategy development, relationship of strategy to tactics, and incident command systems.

CLASS SCHEDULE

Date	Subject/Assignments	
January 15	Lecture	Introduction Syllabus Review Textbook/Handout Review
	Assignment	Read Chapter 1 "The Fire Service as a Career"
22	Lecture	Chapter 1 "The Fire Service as a Career".
	Assignment	Read Chapter 2 "Roles of Fire Service Personnel"
29	Lecture	Chapter 2 "Roles of Fire Service Personnel"
	Assignment	Read Chapter 3 "Early Traditions and History"
February 5	Quiz #1	Chapters 1 & 2
	Lecture	Chapter 3 "Early Traditions and History"
	Assignment	Read Chapter 4 "Fire Prevention, Firefighter Safety, Public Fire and Life Safety Education, and Fire Investigation" Project #1 – Develop a 5-year career time line. Due: March 5th.

February 12	Lecture	Chapter 4 “Fire Prevention, Firefighter Safety, Public Fire and Life Safety Education, and Fire Investigation”
	Assignment	Read Chapter 5 “Scientific Terminology”
19	Lecture	Chapter 5 “Scientific Terminology”
	Assignment	Read Chapter 6 “Building Construction”
26	Quiz #2	Chapters 3, 4, & 5
	Assignment	Work on Project #1 (Bring drafts to be reviewed)
March 5	Lecture	Chapter 6 “Building Construction”
	Assignment	Read Chapter 7 “Fire Detection, Alarm, and Suppression Systems” Project #1 is Due.
12	Lecture	Chapter 7 “Fire Detection, Alarm, and Suppression Systems”
	Assignment	Read Chapter 8 “Role of Public and Private Support Organizations”
19	Lecture	Chapter 8 “Role of Public and Private Support Organizations”
	Assignment	Read Chapter 9 “Fire and Emergency Services” Project #2 - Compare two fire service agencies in the Imperial Valley. Make an organizational chart of personnel and positions, a list of types of apparatus, tools, and safety equipment. Turn in report to Instructor on April 16th. Be prepared to present to the class on April 23rd.
26	Quiz #3	Chapters 6, 7, & 8
	Lecture	Chapter 9 “Fire and Emergency Services”
	Assignment	Read Chapter 10 “Fire Department Organization and Management”
April 2	SPRING BREAK	
9	Lecture	Chapter 10 “Fire Department Organization and Management”
	Assignment	Work on Project #2 (Bring drafts to be reviewed)
16	Quiz #4	Chapters 9 & 10
	Assignment	Project #2 is Due.
23	Activity	Project #2 presentations (no more than 10 minutes per student)
30	Lecture:	Review for final
May 7	Exam	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.

PROJECTS

#1 - Develop a personal career development time line. This assignment will be due on March 5, 2013.

#2 - Project # 2 Compare two fire service agencies in the Imperial Valley. Make an organizational chart of personnel and positions, a list of types of apparatus, tools, and safety equipment. **Turn in report to Instructor on April 16, 2013. Be prepared to present to the class on April 23, 2013.**

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) is 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.