

IMPERIAL VALLEY COLLEGE

COURSE SYLLABUS FIRE PROTECTION ORGANIZATION FIRE 100 (CRN: 10528)

Fall SEMESTER - 2013

Instructor:

John D. Green, Captain
Imperial County Fire Department
Email: john.green@imperial.edu
Part time faculty office: Room # 908
Phone: (760) 960-8035

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

Location: On Campus Room: 2135

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	
August 20	Lecture	Introduction Syllabus Review Textbook/Handout Review
	Assignment	Read Chapter 1 "The Fire Service as a Career"
August 27	Lecture	Chapter 1 "The Fire Service as a Career".
	Assignment	Read Chapter 2 "Roles of Fire Service Personnel"
September 3	Quiz	Chapter 1
	Lecture	Chapter 2 "Roles of Fire Service Personnel"
	Assignment	Read Chapter 3 "Early Traditions and History"

September 10	Quiz	Chapter 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 plan. Due: October 8, 2013.
September 17	Quiz	Chapter 3
	Lecture	Chapter 4 “Fire Prevention, Firefighter Safety, Public Fire and Life Safety Education, and Fire Investigation”
	Assignment	Read Chapter 5 “Scientific Terminology”
September 24	Quiz	Chapter 4
	Lecture	Chapter 5 “Scientific Terminology”
	Assignment	Read Chapter 6 “Building Construction”
October 1	Quiz	Chapter 5
	Assignment	Work on Project #1 (Bring drafts to be reviewed) Draft is to be turned in with final paper (worth 25 points of final grade)
October 8	Lecture	Chapter 6 “Building Construction”
	Assignment	Read Chapter 7 “Fire Detection, Alarm, and Suppression Systems” Project #1 is Due.
October 15	Quiz	Chapter 6
	Lecture	Chapter 7 “Fire Detection, Alarm, and Suppression Systems”
	Assignment	Read Chapter 8 “Role of Public and Private Support Organizations”
October 22	Quiz	Chapter 7
	Lecture	Chapter 8 “Role of Public and Private Support Organizations”
	Assignment	Read Chapter 10 “Fire Department Organization and Management” Project #2 - Power Point presentation on a fire service agency 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 November 12, 2013. Be prepared to present to the class on November 12 and 19th.
October 29	Quiz	Chapter 8
	Lecture	Chapter 10 “Fire Department Organization and Management”
	Assignment	Read Chapter 9 “Fire and Emergency Services Apparatus, Equipment, and Facilities
November 5	Quiz	Chapter 10
	Lecture	Chapter 9 “Fire and Emergency Services Apparatus, Equipment, and Facilities
	Assignment	Work on Project #2 (Bring drafts to be reviewed)
November 12	Quiz	Chapter 9
	Assignment	Project #2 is Due. Project 2 presentations begin
November 19	Activity	Project #2 presentations (continue)
November 26	Lecture:	Continue on presentations and Review for final
December 3	Exam	Final Exam

EVALUATION

- There will be ten (10) quizzes; each worth 50 points
- Final Exam; worth 200 Points
- There will be two (2) Projects; each worth 100 points. Total 200 points.

For a total of 900 points possible.

PROJECTS

- #1 - Develop a personal 5 –year career plan. At least 2 pages long, typed, 1.5 inch line spacing with 1 inch margins. Instructor will not print out for you. Be ready to turn in **hard copy with draft attached on October 8, 2013. (NO late papers accepted)**
- #2 - Project # 2 Power point presentations on a local fire service agency in the Imperial Valley. Make an organizational chart of personnel and positions, a list of types of apparatus, tools, and safety equipment. **Turn in hard copy to instructor on November 12, 2013. Power point presentations will be done November 12th through the 26th. You must be present all three days to get full points. Your actual presentation day will be assigned.**

GRADING SYSTEM

Points = Letter grade

810 - 900 = A - Superior
720 - 809 = B - Better than average
630 - 719 = C - Average
540 - 629 = D - Below average
539 or below = 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 quizzes may be made up at the convenience of the instructor. Make-up quizzes are to be done prior to next class meeting. Please contact instructor to make arrangements by email john.green@imperial.edu.
- ⇒ 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.