

# Imperial Valley College

## Hazardous Materials for the First Responder – Operational Level

### Course Syllabus

#### Course

FT 109 – Hazardous Materials First Responder Operational  
CRN: 893

#### Instructor

Steve Wilson  
Fire Battalion Chief/ Paramedic (retired)  
El Centro Fire Department  
760-353-8262 (h) cell 760-996-5153  
[swilson@csfa.net](mailto:swilson@csfa.net)

#### Course Description

A lecture, discussion, and exercise course focusing on the competencies requisite for effective and safe response to hazardous materials incidents at the First Responder Operations level. Successful completion of the course will result in certification from the California Specialized Training Institute at the First Responder Operations level. Additionally, this course is a requirement to receive a Certificate of Completion for the I.V.C. Fire Academy Program.

#### Course Objectives

After completing this course, the student will be able to certify as an Operational-Level first responder per the following:

- *NFPA 472 Standard for Professional Competence of Responders to Hazardous Materials Incidents*, 2002 Edition.
- Operations-Level Fire Service guidelines in the *Emergency Responder Guidelines* (August 1, 2002) published by the Office for Domestic Preparedness (ODP).
- Title 19. Public Safety\Division 2. Office of Emergency Services\Chapter 2. Emergencies and Major Disasters\Subchapter 2. Hazardous Substances Emergency Response Training\§2520. Student Certification Curriculum.
- 29 CFR 1910.120 (q) Emergency Response Program to Hazardous Substance Releases.

Additionally, after completing this course and successfully passing the Final Test, as provided by the California Specialized Training Institute (CSTI) with a score of 70% or better the participant will receive their State of California Hazardous Material First Responder Operational certification. There is an additional cost to obtain the certificate based on the current State of California processing fee. Fee amount TBA .

#### Required Textbooks

*Hazardous Materials First Responder Operations Student Notebook*, Jul 1, 2011(revised), California Governor's Office of Emergency Services, California Specialized Training Institute, Hazardous Materials Section. (*Provided*)

*North American Emergency Response Guidebook*, United States Department of Transportation, 2008 (provided).

### **Optional Textbooks**

*Hazardous Materials for First Responders*, 3<sup>rd</sup> Ed., Fire Protection Publications, Oklahoma State University, Stillwater, OK, 2004.

### **Grading**

Your course grade will be based on the following activities:

- Participation                    15%    (75 Points – 2 points per hour or part thereof that you miss)
- Quizzes / Tests                25%    (100 Points)
- ERG Test                        15%    (75 Points)
- Exercises                        10%    (50 Points)
- CSTI Final                       25%    (100 Points)
- 100%    (400 Points)

Your final grade will be determined based on the following percentages:

- 100 – 90            A        (400 – 360 points)
- 89 – 80            B        (359 - 320 points)
- 79 – 70            C        (319 – 280 points)
- 69 – 60            D        (279 – 240 points)
- 59 – 0             F        (239 – 0 points)

### **Grading Procedures**

The following definitions apply to grades assigned for this course:

- ✓ A - Performance of the student has been at the highest level, showing sustained excellence in meeting all course requirements and exhibiting an unusual degree of intellectual initiative.
- ✓ B - Performance of the student has been at a high level, showing consistent and effective achievement in meeting course requirements.
- ✓ C - Performance of the student has been at an adequate level, meeting the basic requirements of the course.
- ✓ D - Performance of the student has been less than adequate, meeting only minimum course requirements.
- ✓ F - Performance of the student has been such that minimal course requirements have not been met. A final grade of “F” may be assigned as the result of cheating or plagiarism.

You are responsible for knowing what is required of you in class. All work assigned must be submitted on the assigned due dates. Late assignments will not be accepted.

### **Class Rules & Guidelines**

1. Failure to attend at least 24 hours of classroom time and /or participate in the Field Exercise will result in an automatic drop from the course.

2. **You are responsible for dropping yourself from the course.** Do not depend on the instructor to do it for you. The result of failing to drop a course you stop attending is an 'F', not an 'Incomplete'.
3. Do not be late. Tardiness time is rounded up to the next hour. 5 minutes late equates to one hour.
4. Turn cell phones off during class unless you are on-call and then they should be set on vibrate only. If you are on-call you may walk out of classroom to answer. All others may be handled at the break.
5. You are responsible for knowing all the assignments in the syllabus.
6. If you miss a quiz/ test, you have until the following class to take it or you will receive a zero (0) for it.
7. If you do not submit an assignment on time, you have until the next class meeting to do so at ½ credit. No assignments shall be accepted beyond the last day of class.
8. If you are not going to be able to make a class call the instructor before class to make arrangements.

### Schedule

Date	Time	Subject
Sat 4/13/13	0800 - 1700	<b>Introduction to FT 109 (Hazardous Materials)</b> <ul style="list-style-type: none"> <li>• Introductions</li> <li>• Syllabus Review</li> </ul> <b>CSTI Module A thru D</b> Quiz #1 Assignment Read Modules A to F
Wed 4/17/13	18:30 – 21:30	<b>CSTI Modules E &amp; F</b> ERG Exercise Quiz #2 Assignment: Read Modules F thru H
Sat 4/20/13	08:00 – 18:00	<b>CSTI Modules G thru I</b> Team ERG Test
Wed 4/24/13	08:00 – 18:00	<b>CSTI Modules J &amp; K</b> Quiz #3
Sat 4/27/13	08:00 – 19:00	Field Exercise Quiz Reviews CSTI & Class Final <b>CSTI Modules L</b>