

Hazardous Materials for Public Safety Syllabus

This class will use CSTI Pro Board Curriculum, but Pro Board Skills testing will not be evaluated by State certified evaluators. These classes will prepare the student for Pro Board certification and will provide CSTI FRO (includes FRA and WMD), FRO Decon, and Hazmat IC upon completion of the class and passing of the certification exams.

Course Description

Fire 77 is a compilation of three California Specialized Training Institute (CSTI) Hazardous Materials response classes. State certification is granted for successful completion (70% or higher on each of the four state exams) of each section:

- First Responder Operations/WMD
- First Responder Operations Decontamination
- Incident Commander

Completion of the class and certification exams will provide the following to the student:

- State Fire Training and CSTI HAZMAT Skills Practice for Mandatory and Random Skills required for fire academy
- Will meet the criteria for FIRE 85 HAZMAT IC as part of the Fire Science - Company Officer (AS) Program
- CSTI HAZMAT IC covers prerequisite for State Fire Training Company Officer 1D - All Risk Command Operations
- Will better prepare students for State Fire Training Firefighter 1B - Hazardous Materials for any certified Fire Academy

We will be using Canvas for assignments, discussion threads, exercises, quizzes, videos and presentations throughout this class. There will be in class certification exams, and exercises. Please go through the online readiness portions to test your computer prior to the start of class. There may be times that ZOOM class will be required.

Student Learning Outcomes

Upon successful completion of this course, the student will be able to:

1. Demonstrate the use of the ERG to identify the hazardous materials name, hazard classification, suggested protective distances, primary and secondary hazards and/or chemical behaviors, appropriate PPE and necessary first responder actions.
2. Recognize the need for decontamination and demonstrate emergency, and technical decontamination of victims and responders.
3. Demonstrate the implementation of the Incident Command System for safe and competent response to a hazardous materials incident.
4. Review skills required by State Fire Training and CSTI.

Class Meetings

In person classes will occur Wednesday from 9 AM until 12 PM. All exams are required to be in person and are mandator for passing the class. The following dates will be classes that require Canvas module completions, and we will not be meeting in person these days. Modules will be due on the assigned day by 11:59 PM. Do not wait until the last minute to complete the modules. If there are other days on Canvas the students will be notified.

In-person Meeting 0900-1200. Dates PSTC in classroom 1100 N on 8/24, 8/31, 9/14, 9/28, 10/5, 10/12, 10/19, 10/26, 11/2, 11/16, 11/30, and 12/14 (on 11/30 and 12/14 class will meet in 1100S) The rest will be online.

Instructor Contact

CANVAS INBOX: Please use the "Inbox" and Select FIRE71 Collister, L for our primary communication. This is the PREFERRED method for communication to ensure any class issues are resolved promptly.

Email: lcollister@santarosa.edu

Phone: (707) 477-8845

Office Hours: Phone or ZOOM meeting. In person meetings will be scheduled at the Public Safety Training Center, 5743 Skylane Blvd, Santa Rosa, CA 9540. Please email or call to set up an appointment.

I respond to emails within 24 hours.

You may also use the [Canvas Conversations Inbox](#) to send me a message.

Course Web Site

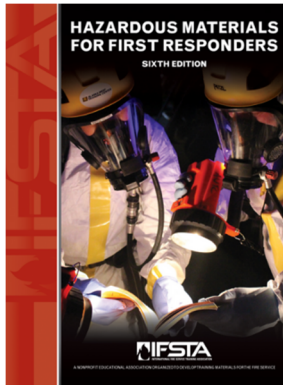
Students will use the Canvas course web site for assignment instructions, submitting assignments, viewing classmates' work, sharing resources, participating in discussions, and viewing grades.

Textbooks

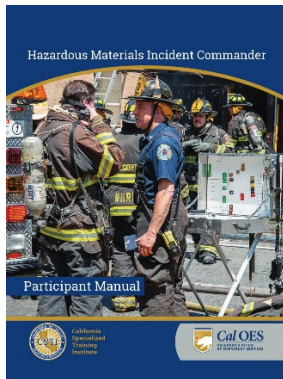
Textbooks will be required for class. Free links will be provided for CSTI downloaded materials. Each student will be provided a 2020 ERG and a downloadable version. Mobile devices and computers will not be allowed for testing. These texts are available for free online. I have added the links for the materials; however, some are large manuals and may be cost prohibited to print on your own. I expect everyone to have the required IFSTA Hazardous Materials for First Responders, 6th edition text and 2020 ERG.

The textbook is required and available for purchase at the Santa Rosa Bookstore, and a copy will be available at the library.

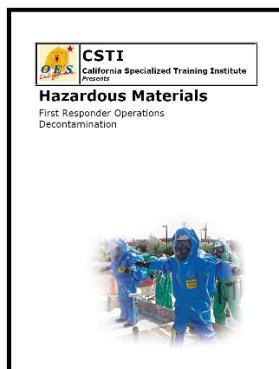
[IFSTA Hazardous Materials for First Responders 6th Edition](#) ISBN: 978-0-87939-757-9, IFSTA Item #: 36701 You can locate and order textbooks online via the [SRJC Bookstore](#).



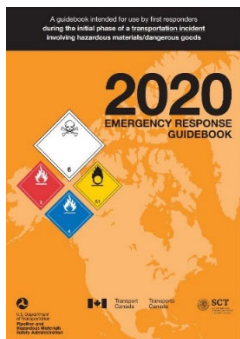
[CSTI Hazardous Materials Incident Commander Participant Manual](#) (Free Download)



[CSTI Hazardous Materials First Responder Operations Decontamination](#) (Free Download)



[2020 Emergency Response Guide \(ERG\)](#) (Provided in Class)



[\(ERG\) Mobile App for Android](#)

[\(ERG\) Mobile App for IOS](#)

Required Software

- [Adobe Reader](#)
- [Open Office](#)
- [Chrome](#) is the recommended browser for Canvas

Run this [computer readiness test](#) to check your browser for plugins and versions.

Important Dates

Day Canvas is available: Monday, August 8, 2022, Online

Monday, August 15, 2022, CLASSES BEGIN

Sunday, August 21, 2022, Last day to register/add semester length class without instructor's signature or add code

Sunday, August 28, 2022, Last day to drop semester length class and be eligible for a refund

Sunday, September 4, 2022, Last day to register/add semester length class with the instructor's signature or add code

Sunday, September 4, 2022, Last day to drop a semester length class without "W" symbol

Monday, October 17-Sunday, November 13, 2022, Midterm progress indicators posted in student portal

Thursday, November 10, 2022, Professional Development Flex Day (No classes)

Sunday, November 13, 2022, Last day to drop a semester length class with "W" symbol

Thursday, November 24 – Sunday, November 27, 2022, Thanksgiving Day Holidays

Saturday, December 10, 2022 - Friday, December 16, 2022, Final Examinations

Dropping the Class

If you decide to drop this course, it is your responsibility to officially drop it. A student may be dropped from any class when that student's absences exceed ten percent (10%) of the total hours

of class time. It is advised that if you need to miss more than one class/homework deadline in a row that you contact the instructor to avoid being dropped from the class.

Attendance

Directly from the college catalog: For classes that meet online, a No-Show is an enrolled student who has not logged on and initiated active participation by 11:59 PM Pacific Time of the second day of the class which is the first day of Unit 2.

No-Shows:

A no-show student is defined as an enrolled student who has not attended any class meeting of the course at any time, or who has not contacted the instructor to make arrangements to remain enrolled in the course. Students who fail to attend the first two class meetings may be dropped by the instructor. College policy requires faculty to drop all no-show students by the first census date.

Attendance is not optional for this course. If a student accrues nine hours (9) of absence, including tardiness and leaving early, they may be dropped from the class.

Extra assignments will not be given as a substitute for attendance. No distinction is made between *excused* absences and *unexcused* absences unless state or federal law requires the absence to be deemed *excused*. Students who add the course late are considered absent for those classes they missed.

Alternate Classroom Location(s):

An alternate classroom location may be announced in class. Attendance is required at alternate classroom locations and will be documented. Transportation to the alternate classroom is the responsibility of the student.

Appropriate attire is required for field trips. You are expected to exhibit a professional appearance and demeanor.

Teamwork

Students will be assigned into groups of 3-4 for purposes of group projects, student networking, and teamwork.

If you miss an assignment or have general class questions, it is encouraged to check with your group for missing information prior to individually requesting information from the instructor. We will periodically break into our groups for the purpose of working on review assignments, class discussion, presentation preparation, etc.

Team work is not an option in the fire service.

Classroom Rules

1. Professional behavior is expected.
2. The classroom environment is to be a place of mutual respect.
3. **You are expected to arrive on time to the beginning of class and after all breaks**
4. Leaving early is a very rude and bad habit to get into. It is noticed by all instructors and not appreciated. Without prior approval, it may count as an absence of the entire class.
5. Participation is expected and encouraged.
6. Computer note taking is allowed but computer use is restricted to class material.
7. Quizzes and exams are controlled and must **NOT** be taken from the classroom or copied.
8. Cheating of any type will result in failure of the assignment, suspension of up to two sessions, and/or an “F” semester grade. Plagiarism of another student’s homework will result in discipline of **both** students.
9. No tobacco allowed.
10. Food is restricted to breaks outside of the classroom.
11. Park in student parking not the reserved parking area.

These are minimum rules. The expectation in this class and all others is enthusiasm for learning, respect for each other and the profession, and a commitment to ongoing learning.

Instructor Announcements and Q&A Forum

The instructor will post announcements on the Announcements page in Canvas throughout the semester. Canvas notifies students according to their preferred Notification Preferences. A “Q&A Forum” is also available as a pinned Discussion to ask for assistance of your classmates or of the instructor.

Late Policy

All assignments, discussions and quizzes are due in Canvas at 11:59 PM [Pacific Standard Time] on the due date. A late submission will not receive a grade but will still have to be submitted. Submissions more than one week late are not accepted without prior arrangement. There will be modules that allow you to go back and submit past due assignments for partial grades.

Quizzes and Exams

Quizzes will be in Canvas while CSTI exams will be given in class. This is required by State certification requirements. Exams are based upon understanding hazardous materials, so reading and understanding the text is the best way to understand the information after the classroom portion is completed.

Online Discussion Attendance

Networking is extremely important for the students, firefighters and fire service professionals at all levels. We will have some seasoned firefighters and fire professionals in the class so its a great place to network and ask questions.

DIRECTIONS for Discussion Success:

Discussions will be shared throughout the class. You must participate in the discussion for the topic.

There may be discussions that you will be required to use FlipGrid or be used for extra credit. The requirements for these discussions will clearly be spelled out on that Unit's Discussion Page. Follow the Rubric for full points.

Grading

Skills Test:

Skills tests from both CSTI and State Fire Training will be conducted to give students a hands-on application of various topics and to prepare. All skills test except the ERG skills test are dependent on outside agency participation and equipment therefore no makeups will be accommodated. The decontamination skills test is required to earn the Decon certificate from CSTI.

Homework:

Homework assignments will be given to supplement the in-class discussion in Canvas.

Quizzes:

Quizzes will be given during the semester at regular intervals and will be scheduled through Canvas. The quizzes will help prepare for the CSTI certification tests.

Midterm Examination:

A midterm exam will be given per the class schedule. It will contain questions from all topics covered in the textbook, lectures, and other reference material. The exam will contain multiple-choice, short answer, and/or true-false questions.

CSTI Tests:

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- First Responder Operations
- First Responder Operations Decontamination
- Hazardous Materials Incident Commander

Grading Policy

Click the “Grades” link in Canvas to keep track of your grades. I grade weekly (usually Mondays) and post grades and comments in the Canvas grade book. Modules may include the extra credit assignments.

Grades will be assigned as follows:

- A** 90%
- B** 80%
- C** 70%
- D** 60%

Standards of Conduct

Students who register in SRJC classes are required to abide by the SRJC Student Conduct Standards. Violation of the Standards is basis for referral to the Vice President of Student Services or dismissal from class or from the College. See the [Student Code of Conduct page](#).

Collaborating on or copying of tests or homework in whole or in part will be considered an act of academic dishonesty and result in a grade of zero for that test or assignment. Students are encouraged to share information and ideas, but not their work. See these links on Plagiarism:

[SRJC Writing Center Lessons on avoiding plagiarism](#)
[SRJC's statement on Academic Integrity](#)

Special Needs

Every effort is made to conform to accessibility standards for all instructor-created materials. Students should contact their instructor as soon as possible if they find that they cannot access any course materials. Students with disabilities who believe they need accommodations in this class are encouraged to contact Disability Resources at this phone number (707) 527-4278.

List of assignments

Note to students: To view all course content, go to Modules.