

Course Syllabus

 Edit

FIRE74: Fire Protection Equipment and Systems: Section 7719, Spring 2026 Course Syllabus

Fire Protection Equipment and Systems Syllabus is optional for your use. Available for review is the [Fire 74 course outline of record. \(https://portal.santarosa.edu/SRWeb/SR_CourseOutlines.aspx?mode=1&CVID=49658&Semester=20207\)](https://portal.santarosa.edu/SRWeb/SR_CourseOutlines.aspx?mode=1&CVID=49658&Semester=20207)

Course Description

Fire 74 is a 3-unit core Fire Technology course that provides fundamental information on portable fire extinguishing equipment; water systems; protection systems for special hazards; automatic fire sprinkler systems, standpipes, and hose systems; fire detection equipment; signaling equipment; and smoke management systems.

The best way to move through the class is to use the modules and select next at the bottom of the page so that you do not miss any content. Quizzes are required for 14 Units to assess your knowledge of the subject. There will be no quiz for Units 15 or 16. This time should be spent on your final "Historical Street Block Fire Protection" Adobe Express presentation. This peer reviewed presentation will be seen as your final exam as well as graded by the instructor.

Student Learning Outcomes

- Upon successful completion of this course, the student will be able to:
- Describe the different types of fire alarm systems and their operating principles.
- Describe the different types of water-based fire protection systems and their operating principles.
- Describe the types of fire extinguishers and specialized fire protection systems and their application.

The Fire 74 Student Learning Outcomes can be found [online \(https://portal.santarosa.edu/SRWeb/SR_CourseOutlines.aspx?mode=1&CVID=49658&Semester=20207\)](https://portal.santarosa.edu/SRWeb/SR_CourseOutlines.aspx?mode=1&CVID=49658&Semester=20207).

Class Meetings

There will be no physical class time. This is an asynchronous class. An introductory video is provided about the class. Watching the video is a mandatory assignment. It is essential to watch the recorded video to understand class expectations and address any questions. Additional meetings may be scheduled as needed or upon request.

Instructor Contact

Linda Collister | She, her, hers
Fire Technology Tenure Instructor
Public Safety Training Center
5743 Skylane Blvd.
Windsor, CA 95492
Office: (707) 836-2922
Mobile: (707) 477-8845

CANVAS INBOX: Please use the "Inbox" and Select FIRE74 Collister, L for our primary communication. This is the PREFERRED method for communication to ensure any class issues are resolved promptly.

Phone: (707) 477-8845 or the Pronto App in Canvas to send text messages.

Office Hours: Phone or Zoom meeting. In-person meetings will be scheduled at the Public Safety Training Center, 5743 Skylane Blvd, Santa Rosa, CA 95492. Please email or call to set up an appointment.

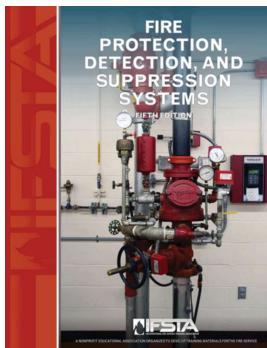
I respond to emails within 24 hours.

You can also use the [Canvas Conversations Inbox](https://community.canvaslms.com/docs/DOC-2670)  (<https://community.canvaslms.com/docs/DOC-2670>) to send me a message.

Course Web Site

Students will use the Canvas course website for assignment instructions, submitting assignments, viewing classmates' work, sharing resources, participating in discussions, and viewing grades. Additionally, our text and course reference the links listed under the home Page picture. These include NFPA and ICC Free Code References.

Textbook



[Fire Protection, Detection, and Suppression Systems, Fifth Edition](https://www.ifsta.org/shop/fire-protection-detection-and-suppression-systems-5th-edition/36536)  (<https://www.ifsta.org/shop/fire-protection-detection-and-suppression-systems-5th-edition/36536>), by IFSTA ISBN: 978-087939599-5 (Click above link to buy direct from IFSTA)

You can locate and order textbooks online via the [SRJC Bookstore \(https://bookstore.santarosa.edu/\)](https://bookstore.santarosa.edu/).

Required Software

- [Adobe Reader](http://get.adobe.com/reader/) 
- [Chrome](https://support.google.com/chrome/answer/95346?co=GENIE.Platform%3DDesktop&hl=en-GB) 
- [Open Office](https://www.openoffice.org/download/index.html) 
- Microsoft Office WORD or Google Docs
- [Adobe Express](https://www.adobe.com/express/) 

Run this [computer readiness test](https://apps.3cmEDIAsolutions.org/oei/tools/computer-readiness.html)  to check your browser for plugins and versions.

Important Dates

Day Canvas is available Online: Friday, January 9th, 2025

Monday, January 12, 2026	CLASSES BEGIN
Monday, January 19, 2026 (No classes, District Closed)	Dr. Martin Luther King Jr. Day Holiday
Sunday, January 18, 2026 without instructor's signature or add code	Last day to register/add semester length class
Sunday, January 25, 2026 eligible for a refund	Last day to drop semester length class and be
Sunday, February 1, 2026 with the instructor's signature or add code	Last day to register/add semester length class
Sunday, February 1, 2026 without "W" symbol	Last day to drop a semester length class
Monday, February 2, 2026	First Census Day
Thursday February 12, 2026	Mandatory Professional Development Activities
Institutional Day (No classes, District closed for PDA)	
Friday, February 13, 2026 District closed)	Lincoln's Day Holiday Observance (No classes,
Saturday, February 14 - Sunday, February 15, 2026	Saturday and Sunday (Classes will meet)
Monday, February 16, 2026 closed)	Washington's Day Holiday (No classes, District
Monday, March 16 - Sunday, March 22, 2026	Spring Break (No classes)
Thursday, March 19, 2026	Professional Development Flex Day (No classes)
Friday, March 20, 2026	
Professional Development 1/2 Flex Day (No classes)	
Monday, March 23 - Sunday, April 19, 2026	Midterm progress indicators posted in student portal

Tuesday, March 31, 2026	Cesar Chavez / Dolores Huerta Day (No classes, District closed)
Sunday, April 19, 2026	Last day to drop a semester length class with "W" symbol
Friday, May 15, 2026	Last day to opt for P/NP for a semester length class
Saturday, May 16 - Friday, May 22, 2026	Final Examinations
Saturday, May 23, 2026	Commencement Exercises

Dropping the Class

If you discontinue this course, you must officially drop it. A student will be dropped from class when that student's absence exceeds ten percent (10%) of the total hours of class time. If you need to miss more than one class/homework deadline in a row, you should contact the instructor to avoid being dropped from the class.

Attendance

According to the college catalog, for classes that meet online, a No-Show is an enrolled student who has not logged on and started active participation by 11:59 PM Pacific Time on the second day of the class, which is the first day of Module 2.

Attendance is not optional for this course. If students accrue nine hours (9) of absence, including missed assignments, quizzes, and modules, they may be dropped from the class.

Instructor Announcements and "Fire House Kitchen Table" 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 "Fire House Kitchen Table" is also available as a pinned Discussion to ask for help of your classmates.

Quizzes and Assessments

There are 14 online quizzes. The midterm is not your typical exam assessment. The midterm will be a student reflection on the materials covered in the text and online materials. The final assessment will incorporate information from the texts and lessons in the Adobe Express presentation of a historical street-block fire-protection system from the student's chosen city. The material for the quizzes comes from the textbook and lessons. If a quiz or assessment is not completed, the score will be recorded as zero. It is the student's responsibility to take the quizzes by the due date. The "Historical Street Block

Fire Protection" Adobe Express presentation submittal will be due the week before the final Module, and the peer review will be the last discussion assignment to complete the class. Because of your busy lives, two of the lowest quiz scores will be removed from the final score.

Adobe "Express ↗(<https://www.adobe.com/express/>)" **Presentation**

Students ARE REQUIRED to complete the "Historical Street Block Fire Protection" Adobe Express "webpage" presentation as the final exam. It will consist of at least 15 pictures but no more than 20. (Students who choose not to submit a presentation will receive an F for the course.) The presentation will be on a topic from a list provided on the assignment page or, with the instructor's approval. The presentation **must** include the works cited within the presentation. This assignment will be broken into three mandatory submittals. The final submittal will be the full presentation. The presentation must be submitted through Canvas (Assignment Link). Grades for late presentations will not be accepted unless arrangements are made in advance of the deadline. The due date is provided on the Unit Content Table. See the Rubric for the Presentation on the assignment page. All three submittals are REQUIRED MANDATORY assignments. Students who do not complete the assignments FAIL the course.

Start looking in your local area of a historical street block that you would like to do a presentation on. The presentation will include visible fire protection systems that are installed on that street block. Data and pictures, with permission if inside, will be collected from public areas and during opening hours. Students will provide a history of the area and show where fire protection systems have been added. Students will try to complete a fundamental assessment if a fire were to start in one of the buildings and how much of the historical area they could lose because of the lack of protection or could be saved because of the active and passive fire protection systems installed.

Contact the instructor if you are a visually disabled student and need an alternative assignment.

Instructions for Using Adobe Express Tools (for Your Personal Research Project)
(<https://canvas.santarosa.edu/courses/68471/files/7635548?wrap=1>)

Online Discussion Attendance

Networking is vital for firefighters and fire service professionals at all levels. More than likely, each of you will only know someone in the class. As the instructor, I added a Q&A Discussion Board called "Fire House Kitchen Table". It is available for students to interact with one another and will not be monitored, allowing you to ask and answer questions among yourselves. We will have some seasoned firefighters and fire professionals in the class, making it an excellent opportunity to network and ask questions of one another. Since I will not monitor the Fire House Kitchen Table, please be professional and polite. Since participation in online classes is essential, we will have a group discussion in every module using different tools. Discussions are so vital that they are worth 20% of the grade. There are posted questions

to start the discussion, but you can also comment on what you perceive or think. Make sure to explain your observation in detail. Feedback is essential, so comment on another student's post to receive the full 20 points.

Directions for Discussion Success:

Discussions will be shared throughout the class. You'll need to participate in the discussion during the week specified in the module dates to receive full credit. Students must post their first response by Tuesday at 11:59 PM and provide at least one comment on other students' posts by Thursday at 11:59 PM. The first and additional posts must be at least 100 words or more. Your first post will be worth 15 points, and your comment on a student's post will be worth 5 points.

I leave all discussions open during class for students who wish to continue the dialogue. However, according to the calendar of events, the discussions are graded shortly after the week they are due.

Discussions and Assignments may be posted using VoiceThread (VT), Canvas Studio, PlayPosit, Hypothesis, or other applications to promote class involvement. The requirements for these discussions will be outlined on the Unit's Discussion Page. Follow the Rubric for full points.

Grading Policy

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

Grades will be assigned as follows:

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

Late Policy

All assignments, discussions, and quizzes are due in Canvas at 11:59 PM [Pacific Standard Time] on the due date. Late submissions will receive a 10% daily grade reduction for up to 5 days. Any assignment not completed will receive a zero. As you know, submissions that are more than one week late are not

accepted without prior arrangements. Some modules allow you to return and submit past-due assignments for partial grades. The mandatory assignments for your final Adobe Express presentation are required to pass the class. Look for Extra Credit discussions in the modules to make up points you missed.

Instructor Feedback

The instructor will provide feedback to the student on graded assignments and discussions using the comments section of the grades. On assignments turned in as a document, the instructor may add comments to the document. The student must turn on account notifications. The instructor may send out an announcement to notify students of a change that may affect the entire class or group of students.

Standards of Conduct

Students registering in SRJC classes must abide by the SRJC Student Conduct Standards. Violation of the Standards can result in referral to the Vice President of Student Services or dismissal from class or from the College. See the [Student Code of Conduct page. \(http://student-conduct.santarosa.edu/\)](http://student-conduct.santarosa.edu/)

Academic Integrity

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. These courses are for you to learn. Using Gen AI websites like ChatGPT to answer questions may result in a lower grade if the information is not cited correctly and does not demonstrate critical thinking on your part. See these links on Plagiarism:

[SRJC's Statement on Academic Integrity \(http://www.boarddocs.com/ca/santarosa/Board.nsf/goto?open&id=A63TMC78051C\)](http://www.boarddocs.com/ca/santarosa/Board.nsf/goto?open&id=A63TMC78051C)

Special Needs

Every effort is made to ensure that all instructor-created materials conform to accessibility standards. Students should contact their instructor as soon as possible if they are unable to access any course materials. Students with disabilities who believe they require accommodations in this class are encouraged to contact Disability Resources at (707) 527-4278.

Student Resources

If you need any help or [Student Resources, \(https://college-skills.santarosa.edu/student-resources\)](https://college-skills.santarosa.edu/student-resources) please reach out. Online Student Services are available for students who do not have computers or cannot afford internet service.

List of assignments

Note to students: To access all course content, navigate to the Home Page or Modules section. All module links are listed on the home page with Module dates. All Modules have prerequisites to review pages, assignments, and quizzes.