

## FIRE172 : Fire Training In-Service Update: 81 Hours

### General Information

Author:	<ul style="list-style-type: none"><li>Erin Calderone</li></ul>
Course Code (CB01) :	FIRE172
Course Title (CB02) :	Fire Training In-Service Update: 81 Hours
Department:	FIRE
Proposal Start:	Spring 2026
TOP Code (CB03) :	(2133.00) Fire Technology*
CIP Code:	(43.0201) Fire Prevention and Safety Technology/Technician.
SAM Code (CB09) :	C - Clearly Occupational
Distance Education Approved:	No
Will this course be taught asynchronously?:	No
Course Control Number (CB00) :	CCC000654190
Curriculum Committee Approval Date:	03/26/2025
Board of Trustees Approval Date:	06/17/2025
Last Cyclical Review Date:	03/26/2025
Course Description and Course Note:	FIRE 172 provides students with updated information in the fields of fire apparatus, specialized emergency operations, current department policies and procedures, and fire suppression and investigation. Note: This course is Pass/No-Pass only.
Justification:	New Course
Academic Career:	<ul style="list-style-type: none"><li>Credit</li></ul>
Mode of Delivery:	<ul style="list-style-type: none"><li>In-Person</li></ul>
Author:	No value
Course Family:	No value

### Academic Senate Discipline

Primary Discipline:	<ul style="list-style-type: none"><li>Fire Technology</li></ul>
Alternate Discipline:	No value
Alternate Discipline:	No value

## Course Development

### Basic Skill Status (CB08)

Course is not a basic skills course.

Allow Students to Gain Credit by Exam/Challenge

### Course Special Class Status (CB13)

Course is not a special class.

### Pre-Collegiate Level (CB21)

Not applicable.

### Grading Basis

- Pass / No-Pass Only

### Course Support Course Status (CB26)

Course is not a support course

## General Education and C-ID

### General Education Status (CB25)

Not Applicable

### Transferability

Not transferable

### Transferability Status

Not transferable

## Units and Hours

### Summary

**Minimum Credit Units (CB07)** 1.5

**Maximum Credit Units (CB06)** 1.5

**Total Course In-Class (Contact Hours)** 81

**Total Course Out-of-Class Hours** 0

**Total Student Learning Hours** 81

### Credit / Non-Credit Options

#### Course Type (CB04)

Credit - Degree Applicable

#### Noncredit Course Category (CB22)

Credit Course.

#### Noncredit Special Characteristics

No Value

#### Course Classification Code (CB11)

Credit Course.

Variable Credit Course

#### Funding Agency Category (CB23)

Not Applicable.

Cooperative Work Experience Education

Status (CB10)

### Weekly Student Hours

	In Class	Out of Class
Lecture Hours	0	0
Laboratory Hours	4.5	0
Studio Hours	0	0

### Course Student Hours

<b>Course Duration (Weeks)</b>	18
<b>Hours per unit divisor</b>	54
<b>Course In-Class (Contact) Hours</b>	
Lecture	0

Laboratory	81
Studio	0
<b>Total</b>	<b>81</b>

**Course Out-of-Class Hours**

Lecture	0
Laboratory	0
Studio	0
<b>Total</b>	<b>0</b>

**Time Commitment Notes for Students**

No value

**Units and Hours - Weekly Specialty Hours**

Activity Name	Type	In Class	Out of Class
No Value	No Value	No Value	No Value

**Prerequisites, Corequisites, Recommended Corequisites, and Recommended Preparation**

**Advisory**

FIRE119 - Fire Academy IV

Objectives

- Explain techniques for flashover survival.
- Demonstrate techniques of structural fire fighting.
- Demonstrate techniques of compressed gas and flammable liquid fire fighting.
- Operate in multiple company evolutions.
- Identify hazardous materials incidents including those that involved weapons of mass destruction.
- Employ trench rescue equipment, tool, and practical incident stabilization.
- Use various rescue systems such as moving heavy objects, building shoring, and setting up rope rescue systems.
- Demonstrate techniques used to rescue persons from moving water.
- Demonstrate the ability to work as a member of a team to perform fire ground multi-company operations.

**OR**

**Advisory**

Or equivalent.

## Entry Standards

Entry Standards

Description

No value

No value

## Course Limitations

Cross Listed or Equivalent Course

Description

No value

No value

## Specifications

Methods of Instruction

Methods of Instruction

Collaborative Learning

Methods of Instruction

Demonstrations

Methods of Instruction

Discussion

Methods of Instruction

Field Activities (Trips)

Methods of Instruction

Laboratory

Methods of Instruction

Multimedia

Methods of Instruction

Presentations

Out of Class Assignments

- Written essays (e.g. essay on an issue regarding fire equipment or apparatus)

- Case studies (e.g. case study on identifying and anticipating problems associated with fire apparatus, equipment, and emergency procedures)
- Work-site observations (e.g. present findings from a work-site observation that relates to an issue involving equipment or apparatus)

### Methods of Evaluation

### Rationale

Exam/Quiz/Test

Quizzes

Exam/Quiz/Test

Exams

Writing Assignment

Written essays, case studies, and lab reports

Presentation (group or individual)

Oral reports on work-site observations

Evaluation

Demonstration of the use of equipment, or apparatus

Exam/Quiz/Test

Final exam

### Textbook Rationale

No Value

### Textbooks

Author

Title

Publisher

Date

ISBN

No Value

No Value

No Value

No Value

No Value

### Other Instructional Materials (i.e. OER, handouts)

Description

California State Fire Marshal Firefighter Manual

Author

California State Fire Marshal

Citation

<https://osfm.fire.ca.gov/what-we-do/state-fire-training>

Online Resource(s)

No value

### Learning Outcomes

#### Course Objectives

Demonstrate proficiency in fundamental fire suppression, rescue, and safety operations, including the use of personal protective equipment (PPE) and firefighting tools.

Discuss fire behavior and how building construction impacts fire dynamics and firefighting strategies.

Operate effectively within a team, using clear communication to support the incident command structure and ensure safety.

Demonstrate mastery in operating and maintaining fire apparatus, including pumping, aerial devices, and water supply systems.

Provide reliable and efficient support during fireground operations by ensuring proper equipment readiness and resource management.

Ensure firefighter and public safety through situational awareness, troubleshooting equipment issues, and adapting to dynamic operational needs.

Lead firefighting crews effectively, making critical decisions and managing resources under the Incident Command System (ICS).

Develop team skills through training, coaching, and mentoring to maintain high performance and readiness.

Conduct fireground size-up, implement strategic plans, and manage risks to achieve operational goals and ensure safety.

#### SLOs

Demonstrate fundamental fire suppression and rescue skills, understand fire behavior and building construction impacts, and effectively communicate and operate within a team under the incident command structure. Expected Outcome Performance: 70.0

Operate and maintain fire apparatus proficiently, support incident operations through equipment readiness and resource management, and ensure safety through problem-solving and situational awareness. Expected Outcome Performance: 70.0

Lead firefighting crews effectively, manage resources within the Incident Command System, mentor team members, and develop strategic plans to manage fireground operations and ensure safety. Expected Outcome Performance: 70.0

## Course Content

### Lecture Content

No value

### Laboratory/Studio Content

**Tools and Equipment (19.5 hours)**

**Apparatus Operation (19.5 hours)**

**Special Emergency Procedures (19.5 hours)**

**Incident Evaluation and Management (19.5 hours)**

**Final Exam (3 hours)**

**Total hours: 81**

## Additional Information

**Repeatability**

Not Repeatable

**Justification (if repeatable was chosen above)**

No Value

**Is it possible this course will have a material fee?**

No

**I have contacted my library liaison (<https://campusguides.glendale.edu/faculty/liasons>):**

Yes

**What term(s) will this course be offered?**

Fall/Winter/Spring/Summer

**Will any additional resources be needed for this course? (Click all that apply)**

- No

**If additional resources are needed, add a brief description and cost in the box provided.**

No Value

**Resources**

**Did you contact your departmental library liaison?**

No

**If yes, who is your departmental library liaison?**

Adina Lerner (Technology & Aviation, Visual & Performing Arts)

**Did you contact the DEIA liaison?**

No

**Were there any DEIA changes made to this outline?**

No

**If yes, in what areas were these changes made:**

No Value

Will any additional resources be needed for this course? (Click all that apply)

- No

If additional resources are needed, add a brief description and cost in the box provided.

No Value