

## FIRE103 : Fire Prevention

### General Information

Author:	<ul style="list-style-type: none"><li>Tracy Rickman</li></ul>
Course Code (CB01) :	FIRE103
Course Title (CB02) :	Fire Prevention
Department:	FIRE
Proposal Start:	Spring 2025
TOP Code (CB03) :	(2133.00) Fire Technology
CIP Code:	(43.0201) Fire Prevention and Safety Technology/Technician.
SAM Code (CB09) :	Clearly Occupational
Distance Education Approved:	No
Will this course be taught asynchronously?:	No
Course Control Number (CB00) :	CCC000548663
Curriculum Committee Approval Date:	05/22/2024
Board of Trustees Approval Date:	07/16/2024
Last Cyclical Review Date:	05/22/2024
Course Description and Course Note:	FIRE 103 provides fundamental knowledge relating to the field of fire prevention. Topics include: history and philosophy of fire prevention; organization of a fire prevention bureau; use and application of codes and standards; plans review; fire inspections; fire and life safety education; and fire investigation.
Justification:	Mandatory Revision
Academic Career:	<ul style="list-style-type: none"><li>Credit</li></ul>
Mode of Delivery:	
Author:	Tracy Rickman
Course Family:	

### 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

- Grade with Pass / No-Pass Option

### Course Support Course Status (CB26)

Course is not a support course

## General Education and C-ID

### General Education Status (CB25)

Not Applicable

### Transferability

Transferable to CSU only

### Transferability Status

Approved

C-ID	Area	Status	Approval Date	Comparable Course
FIRE	Fire Tehnology	Approved	08/31/2020	FIRE 110 X - Fire Prevention

## Units and Hours

### Summary

<b>Minimum Credit Units (CB07)</b>	3
<b>Maximum Credit Units (CB06)</b>	3
<b>Total Course In-Class (Contact) Hours</b>	54
<b>Total Course Out-of-Class Hours</b>	108
<b>Total Student Learning Hours</b>	162

### 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	3	6

### Course Student Hours

<b>Course Duration (Weeks)</b>	18
<b>Hours per unit divisor</b>	0

Laboratory Hours	0	0
Studio Hours	0	0

<b>Course In-Class (Contact) Hours</b>	
Lecture	54
Laboratory	0
Studio	0
<b>Total</b>	<b>54</b>

<b>Course Out-of-Class Hours</b>	
Lecture	108
Laboratory	0
Studio	0
<b>Total</b>	<b>108</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

### Pre-requisites, Co-requisites, Anti-requisites and Advisories

#### Advisory

ESL151 - Reading And Composition V

##### Objectives

- Employ basic library research techniques.
- Organize fully-developed essays in both expository and argumentative modes.

OR

#### Advisory

ENGL101 - Introduction to College Reading and Composition

##### Objectives

- Develop varied and flexible strategies for generating, drafting, and revising essays.
- Find, evaluate, analyze, and interpret primary and secondary sources, incorporating them into written essays using appropriate documentation format.

### Entry Standards

Entry Standards

## Course Limitations

Cross Listed or Equivalent Course

## Specifications

### Methods of Instruction

Methods of Instruction                      Lecture

Methods of Instruction                      Discussion

Methods of Instruction                      Guest Speakers

Methods of Instruction                      Presentations

### Out of Class Assignments

- Homework (e.g. define the national fire problem and the role of fire prevention)
- Individual projects (e.g. written assignment, reading reports on fire prevention issues in modern america)
- Group projects (e.g. report on current fire prevention codes and standards and apply to fire prevention concerns)

### Methods of Evaluation

### Rationale

Exam/Quiz/Test

Quizzes

Exam/Quiz/Test

Midterm examination

Exam/Quiz/Test

Final examination

### Textbook Rationale

No Value

### Textbooks

Author	Title	Publisher	Date	ISBN
Diamontes	Principles of Fire Prevention includes Navigate Advantage Access 4th Edition	Jones and Bartlett	Nov 2020	978-1284180237

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

No Value

### Materials Fee

No value

## Learning Outcomes and Objectives

### Course Objectives

Describe and discuss the components of the history and philosophy of the modern-day fire service and the need for fire prevention organizations.

List and describe the major organizations that provide emergency response service and illustrate how they interrelate.

Identify fire protection and emergency-service careers in both the public and in the private.

Discuss and describe the scope, purpose, and organizational structure of fire and emergency services and fire prevention programs.

Describe the common types of fire and emergency services facilities, equipment, and apparatus.

Identify the laws, codes and other regulations relevant to fire prevention and the authority having jurisdiction.

Identify and explain the components of fire prevention including code enforcement.

Explain built-in fire protection systems in relation to fire prevention.

### SLOs

**Describe the fire inspector role and the fire bureau functions.**

Expected Outcome Performance: 70.0

<i>ILOs</i> Core ILOs	Communicate clearly, ethically, and creatively; listen actively and engage respectfully with others; consider situational, cultural, and personal contexts within or across multiple modes of communication.
<i>FIRE</i> Verdugo Recruit Fire Academy	Discuss the skills required for fire prevention techniques; discuss the aspects of fire behavior Discuss the skills required for fire-fighting tactics and strategy
<i>FIRE</i> Fire Technology - A.S. Degree Major	discuss the skills required for fire prevention techniques. discuss the skills required for fire-fighting tactics and strategy.
<i>FIRE</i> Verdugo Fire Academy - Certificate	discuss the skills required for fire prevention techniques. discuss the skills required for fire-fighting tactics and strategy.

<i>FIRE</i> Fire Technology - Certificate	discuss the skills required for fire prevention techniques.
	discuss the skills required for fire-fighting tactics and strategy.

**Utilize case studies to recognize past fire activities that lead to fire regulation change.**

Expected Outcome Performance: 70.0

<i>ILOs</i> Core ILOs	Analyze and solve problems using critical, logical, and creative thinking; ask questions, pursue a line of inquiry, and derive conclusions; cultivate creativity that leads to innovative ideas.
	Communicate clearly, ethically, and creatively; listen actively and engage respectfully with others; consider situational, cultural, and personal contexts within or across multiple modes of communication.
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	discuss the skills required for fire prevention techniques.
	discuss the skills required for fire-fighting tactics and strategy.

**Explain the purpose of fire prevention codes and laws.**

Expected Outcome Performance: 70.0

<i>ILOs</i> Core ILOs	Analyze and solve problems using critical, logical, and creative thinking; ask questions, pursue a line of inquiry, and derive conclusions; cultivate creativity that leads to innovative ideas.
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**Additional SLO Information**

**Does this proposal include revisions that might improve student attainment of course learning outcomes?**

No

**Is this proposal submitted in response to learning outcomes assessment data?**

No

**If yes was selected in either of the above questions for learning outcomes, explain and attach evidence of discussions about learning outcomes.**

No Value

#### **SLO Evidence**

No Value

## **Course Content**

### **Lecture Content**

#### **Fire Prevention Organizations and Associations (9 hours)**

- National fire problem
- Role of fire prevention
- Fire department
- Other local departments
- Other governmental agencies
- Private organizations

#### **Laws, Rules, Regulations and Codes for Fire Prevention (8 hours)**

- Fire Prevention Bureau functions
- Inspection, surveying, and mapping procedures
- Preparation
- Inspection and survey
- Recording

#### **Recognizing the Hazard (9 hours)**

- Plans and site visits
- Tools and equipment

#### **Designing a Solution (9 hours)**

- Combustible solids, liquids, and gases
- Extinguishing systems
- Construction problems special fire problems

#### **Enforcing the Solution (10 hours)**

- General approach
- Court procedure

#### **Roles and Responsibilities of Fire Prevention Personnel (9 hours)**

- Professional certification
- Professional development
- Public Relations
- Efficient service
- Information

**Total hours: 54**

## **Additional Information**

**Is this course proposed for GCC Major or General Education Graduation requirement? If yes, indicate which requirement in the two areas provided below.**

No

### **GCC Major Requirements**

No Value

### **GCC General Education Graduation Requirements**

No Value

**Repeatability**

Not Repeatable

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

No Value

**Resources**

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

No

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

No Value

**Did you contact the DEIA liaison?**

No

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

No Value

**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 Value

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

No Value