



COURSE OUTLINE : FIRE 103

D Credit – Degree Applicable

COURSE ID 001483

Cyclical Review: MAY 2021

COURSE DISCIPLINE : FIRE

COURSE NUMBER : 103

COURSE TITLE (FULL) : Fire Prevention

COURSE TITLE (SHORT) : Fire Prevention

CALIFORNIA STATE UNIVERSITY SYSTEM C-ID : FIRE 110X – Fire Prevention

ACADEMIC SENATE DISCIPLINE: Fire Technology

CATALOG DESCRIPTION

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.

Total Lecture Units:3.00

Total Laboratory Units: 0.00

Total Course Units: 3.00

Total Lecture Hours:54.00

Total Laboratory Hours: 0.00

Total Laboratory Hours To Be Arranged: 0.00

Total Contact Hours: 54.00

Out-of-Class Hours: 108.00

Recommended Preparation: ENGL 100 or ESL 151.

ENTRY STANDARDS

	Subject	Number	Title	Description	Include
1	ESL	151	Reading And Composition V	employ basic library research techniques;	Yes
2	ENGL	100	Writing Workshop	Read, analyze, and evaluate contemporary articles and stories to identify topic, thesis, support, transitions, conclusion, audience, and tone;	Yes



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EXIT STANDARDS

- 1 Describe and discuss the components of the history and philosophy of the modern-day fire service and the need for fire prevention organizations;
- 2 List and describe the major organizations that provide emergency response service and illustrate how they interrelate;
- 3 Identify fire protection and emergency-service careers in both the public and in the private;
- 4 Discuss and describe the scope, purpose, and organizational structure of fire and emergency services and fire prevention programs;
- 5 Describe the common types of fire and emergency services facilities, equipment, and apparatus;
- 6 Identify the laws, codes and other regulations relevant to fire prevention and the authority having jurisdiction;
- 7 Identify and explain the components of fire prevention including code enforcement.
- 8 Explain built-in fire protection systems in relation to fire prevention.

STUDENT LEARNING OUTCOMES

- 1 explain the purpose of fire prevention codes and laws;
- 2 utilize case studies to recognize past fire activities that lead to fire regulation change;
- 3 describe the fire inspector role and the fire bureau functions;

COURSE CONTENT WITH INSTRUCTIONAL HOURS

	Description	Lecture	Lab	Total Hours
1	Fire Prevention Organizations and Associations <ul style="list-style-type: none"> • National fire problem • Role of fire prevention • Fire department • Other local departments • Other governmental agencies • Private organizations 	9	0	9
2	Laws, Rules, Regulations and Codes for Fire Prevention <ul style="list-style-type: none"> • Fire Prevention Bureau functions • Inspection, surveying, and mapping procedures • Preparation • Inspection and survey • Recording 	8	0	8



3	Recognizing the Hazard <ul style="list-style-type: none"> • Plans and site visits • Tools and equipment 	9	0	9
4	Designing a Solution <ul style="list-style-type: none"> • Combustible solids, liquids, and gases • Extinguishing systems • Construction problems special fire problems 	9	0	9
5	Enforcing the Solution <ul style="list-style-type: none"> • General approach • Court procedure 	10	0	10
6	Roles and Responsibilities of Fire Prevention Personnel <ul style="list-style-type: none"> • Professional certification • Professional development • Public Relations • Efficient service • Information 	9	0	9
				54

OUT OF CLASS ASSIGNMENTS

- 1 homework (e.g. define the national fire problem and the role of fire prevention)
- 2 individual projects (e.g. written assignment, reading reports on fire prevention issues in modern america)
- 3 group projects (e.g. report on current fire prevention codes and standards and apply to fire prevention concerns)

METHODS OF EVALUATION

- 1 quizzes
- 2 midterm examination



3 final examination

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METHODS OF INSTRUCTION

- Lecture
- Laboratory
- Studio
- Discussion
- Multimedia
- Tutorial
- Independent Study
- Collaboratory Learning
- Demonstration
- Field Activities (Trips)
- Guest Speakers
- Presentations

TEXTBOOKS

Title	Type	Publisher	Edition	Medium	Author	ISBN	Date
Fire Inspection and Code Enforcement	Required	IFSTA	8	Print	International Fire Service Training Association (IFSTA)	978-0-87939-605-3	2016