

Course Outline of Record

1. Course Code: FIRE-002
2.
 - a. Long Course Title: Fire Prevention
 - b. Short Course Title: FIRE PREVENTION
3.
 - a. Catalog Course Description:
 This course provides fundamental knowledge relating to the field of fire prevention. Topics include: history and philosophy of fire prevention; organization and operation of a fire prevention bureau; use and application of codes and standards; plans review; fire inspections; fire and life safety education; and fire investigation. This course is designated Fire 2 by the California State Board of Fire Services and the State Fire Marshal and is part of the designated core curriculum. This course meets the Fire and Emergency Service Higher Education (FESHE) model curriculum for an Associate Degree as recognized by the National Fire Academy.
 (C-ID FIRE 110X)
 - b. Class Schedule Course Description:
 This course provides fundamental knowledge relating to the field of fire prevention. Topics include: history and philosophy of fire prevention; organization and operation of a fire prevention bureau; use and application of codes and standards; plans review; fire inspections; fire and life safety education; and fire investigation.
 - c. Semester Cycle (if applicable): n/a
 - d. Name of Approved Program(s):
 - FIRE TECHNOLOGY AS Degree and Transfer Preparation
 - FIRE TECHNOLOGY Certificate of Achievement
 - FIRE TECHNOLOGY AS Degree for Employment Preparation
4. Total Units: 3.00 Total Semester Hrs: 54.00
 Lecture Units: 3 Semester Lecture Hrs: 54.00
 Lab Units: 0 Semester Lab Hrs: 0
 Class Size Maximum: 30 Allow Audit: No
 Repeatability No Repeats Allowed
 Justification 0
5. Prerequisite or Corequisite Courses or Advisories:
Course with requisite(s) and/or advisory is required to complete Content Review Matrix (CCForm1-A)
 Advisory: ENG 061
6. Textbooks, Required Reading or Software: (List in APA or MLA format.)
 - a. Diamantes, David (2014). Principles of Fire Prevention (3rd/e). Jones and Bartlett Learning. ISBN: 9781284041866
 College Level: Yes
 Flesch-Kincaid reading level: 12
7. Entrance Skills: *Before entering the course students must be able:*
Advisory Skills:

a.

Write organized summaries and responses to readings.

- ENG 061 - Use theses to organize paragraphs into coherent analyses.
- ENG 061 - Demonstrate the ability to think critically and express ideas using various patterns of development.
- ENG 061 - Recognize features of style such as purpose, audience and tone integrate these elements into academic and professional writing.

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- ENG 061 - Demonstrate the ability to use research skills including library resources such as books, periodicals, electronic databases and online resources such as the internet.
- ENG 061 - Demonstrate the ability to read and respond in writing beyond the literal interpretation of the text.
- ENG 061 - Utilize a handbook to properly cite and document source material in MLA format.

8. Course Content and Scope:

Lecture:

1. National Fire Problem and Role of Fire Prevention
 1. Definition
 2. Historical Overview
 3. Data Analysis/GIS
 4. Current Trends of Fire Prevention
2. Fire Prevention Organizations and Associations
 1. Public--Federal, State and Local
 2. Private--International, National and Regional
3. Laws, Rules, Regulations and Codes
 1. Definitions
 2. Applicability
 3. Interrelationship
 4. Limitations
4. Fire Prevention Bureau Functions
 1. Data Collection and Analysis
 2. Plans Review
 3. Fire Inspections
 4. Fire and Life Safety Education
 5. Fire Investigations
5. Tools and Equipment
 1. Data Collection and Analysis
 2. Plans Review
 3. Fire Inspections
 4. Fire and Life Safety Education
 5. Fire Investigations
6. Roles and Responsibilities of Fire Prevention Personnel
 1. Data Collection and Analysis
 2. Plans Review
 3. Fire Inspections
 4. Fire and Life Safety Education
 5. Fire Investigations
7. Professional Certification
 1. Categories and Levels
 2. Local
 3. State
 4. National
8. Professional Development
 1. National Fire Prevention Development Model
 2. Training and Education
 3. Certification Systems

Lab: *(if the "Lab Hours" is greater than zero this is required)*

9. Course Student Learning Outcomes:

1.

Describe fire prevention principles and career opportunities in California Fire and Emergency Management Services.

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2.

Identify laws, codes, ordinances, and regulations as they relate to fire prevention.

3.

Understand code enforcement as it impacts life and property loss.

10. Course Objectives: *Upon completion of this course, students will be able to:*

- a. Define the national fire problem and role of fire prevention.
- b. Identify and describe fire prevention organizations and associations.
- c. Define laws, rules, regulations, and codes and identify those relevant to fire prevention of the authority having jurisdiction.
- d. Define the basic functions of a fire prevention bureau.
- e. Describe inspection practices and procedures.
- f. Identify and describe the standards for professional qualifications for Fire Marshal, Plans Examiner, Fire Inspector, Fire and Life Safety Educator, and Fire Investigator.
- g. List opportunities in professional development for fire prevention personnel.
- h. Describe the history and philosophy of fire prevention.
- i. Identify hazards of use, storage, and transfer of flammable liquids and gasses and other hazardous materials
- j. Describe basic principles of fire cause determination as they relate to fire prevention and fire investigation.
- k. Identify the relationship between fire safety education and fire prevention.

11. Methods of Instruction: *(Integration: Elements should validate parallel course outline elements)*

- a. Demonstration, Repetition/Practice
- b. Distance Education
- c. Individualized Study
- d. Lecture
- e. Participation
- f. Role Playing
- g. Technology-based instruction

12. Assignments: *(List samples of specific activities/assignments students are expected to complete both in and outside of class.)*

In Class Hours: 54.00

Outside Class Hours: 108.00

a. In-class Assignments

1. Participation
2. Observation
3. Group discussion/postings online
4. Practice skills
5. Reading of handouts and student manual

b. Out-of-class Assignments

1. Read text and handouts
2. Library assignments for research
3. Prepare oral or video based presentation of class project
4. Prepare term project

13. Methods of Evaluating Student Progress: *The student will demonstrate proficiency by:*

- College level or pre-collegiate essays
Essays and research papers
- Written homework
- Critiques
Student peer assessments

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- Term or research papers
- Presentations/student demonstration observations
Public Safety/Education presentations/video presentations
- Group activity participation/observation
Role play and group activities including developing mission statements
- Self/peer assessment and portfolio evaluation
Peer assessments of group postings
- True/false/multiple choice examinations
- Mid-term and final evaluations
- Student participation/contribution
Group discussions from lecture and from student oral/video presentations
- Oral and practical examination

14. Methods of Evaluating: Additional Assessment Information:

15. Need/Purpose/Rationale -- *All courses must meet one or more CCC missions.*

PO - Career and Technical Education

Fulfill the requirements for an entry- level position in their field.

Apply critical thinking skills to execute daily duties in their area of employment.

Apply critical thinking skills to research, evaluate, analyze, and synthesize information.

Display the skills and aptitude necessary to pass certification exams in their field.

Exhibit effective written, oral communication and interpersonal skills.

Transfer to a higher level learning institution

IO - Critical Thinking and Communication

Apply principles of logic to problem solve and reason with a fair and open mind.

16. Comparable Transfer Course

University System	Campus	Course Number	Course Title	Catalog Year
CSU	CSU Los Angeles		Fundamentals of Fire Prevention	2013-14

17. Special Materials and/or Equipment Required of Students:

18. Materials Fees: Required Material?

Material or Item

Cost Per Unit

Total Cost

19. Provide Reasons for the Substantial Modifications or New Course:

Changing English advisory

20. a. Cross-Listed Course (*Enter Course Code*): *N/A*
 b. Replacement Course (*Enter original Course Code*): *N/A*

21. Grading Method (*choose one*): Letter Grade Only

22. MIS Course Data Elements

- a. Course Control Number [CB00]: CCC000250643
 b. T.O.P. Code [CB03]: 213300.00 - Fire Technology
 c. Credit Status [CB04]: D - Credit - Degree Applicable
 d. Course Transfer Status [CB05]: B = Transfer CSU
 e. Basic Skills Status [CB08]: 2N = Not basic skills course
 f. Vocational Status [CB09]: Possibly Occupational

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- g. Course Classification [CB11]: Y - Credit Course
- h. Special Class Status [CB13]: N - Not Special
- i. Course CAN Code [CB14]: N/A
- j. Course Prior to College Level [CB21]: Y = Not Applicable
- k. Course Noncredit Category [CB22]: Y - Not Applicable
- l. Funding Agency Category [CB23]: Y = Not Applicable
- m. Program Status [CB24]: 1 = Program Applicable

Name of Approved Program (if program-applicable): FIRE TECHNOLOGY,FIRE TECHNOLOGY,FIRE TECHNOLOGY

Attach listings of Degree and/or Certificate Programs showing this course as a required or a restricted elective.)

23. Enrollment - Estimate Enrollment

First Year: 0

Third Year: 0

24. Resources - Faculty - Discipline and Other Qualifications:

a. Sufficient Faculty Resources: Yes

b. If No, list number of FTE needed to offer this course: N/A

25. Additional Equipment and/or Supplies Needed and Source of Funding.

N/A

26. Additional Construction or Modification of Existing Classroom Space Needed. (Explain:)

N/A

27. FOR NEW OR SUBSTANTIALLY MODIFIED COURSES

Library and/or Learning Resources Present in the Collection are Sufficient to Meet the Need of the Students Enrolled in the Course: Yes

28. Originator Allen Scott Ventura Origination Date 10/19/17