

FIRE106 : Principles Of Fire And Emergency Services Safety And Survival

General Information

Author:	<ul style="list-style-type: none">Tracy Rickman
Course Code (CB01) :	FIRE106
Course Title (CB02) :	Principles Of Fire And Emergency Services Safety And Survival
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) :	CCC000527769
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 106 introduces students to the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services. Topics include risk evaluation, control procedures and is based on national and state fire education curriculum.
Justification:	Mandatory Revision
Academic Career:	<ul style="list-style-type: none">Credit
Mode of Delivery:	
Author:	Tracy Rickman
Course Family:	

Academic Senate Discipline

Primary Discipline:	<ul style="list-style-type: none">Fire Technology
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	02/20/2018	FIRE 150 X - Principles of Fire and Emergency Services Safety and Survival

Units and Hours

Summary

Minimum Credit Units (CB07)	3
Maximum Credit Units (CB06)	3
Total Course In-Class (Contact) Hours	54
Total Course Out-of-Class Hours	108
Total Student Learning Hours	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
Lecture Hours	3

Out of Class

6

Course Student Hours

Course Duration (Weeks) 18

Hours per unit divisor 54

Laboratory Hours	0	0
Studio Hours	0	0

Course In-Class (Contact) Hours	
Lecture	54
Laboratory	0
Studio	0
Total	54

Course Out-of-Class Hours	
Lecture	108
Laboratory	0
Studio	0
Total	108

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

ESL141 - Grammar And Writing IV

Objectives

- Compose a 400 to 450-word thesis-based essay which: (a) summarizes and cites appropriately a reading passage provided as a prompt, (b) includes a clear thesis statement, (c) uses evidence to support the thesis, (d) shows clear organization into an introduction, body, and conclusion, and (e) uses appropriate rhetorical modes such as comparison/contrast, cause/effect, and persuasion in order to support a thesis.

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 Multimedia

Methods of Instruction Collaborative Learning

Methods of Instruction Discussion

Methods of Instruction Field Activities (Trips)

Methods of Instruction Guest Speakers

Out of Class Assignments

- Individual projects. (i.e. Completion of book tutorials.)
- Case Study review

Methods of Evaluation

Rationale

Exam/Quiz/Test

Midterm examination

Exam/Quiz/Test

Final examination

Textbook Rationale

No Value

Textbooks

Author

Title

Publisher

Date

ISBN

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

No Value

Materials Fee

No value

Learning Outcomes and Objectives**Course Objectives**

Define how the concepts of risk management affect strategic and tactical decision making.

Identify the need for additional training standards as they correlate to professional development in the fires service.

identify how technological advancements can produce higher levels of emergency service safety and survival.

Explain how incorporating the lessons learned from past investigations support cultural change in the fire service.

Delineate between adopting standardized policies, and how to minimize near misses, injuries, and deaths in the fire service.

SLOs

Recognize how cultural and behavioral changes affect safety, leadership, supervision, accountability and personal responsibility related to emergency services. Expected Outcome Performance: 70.0

ILOs
Core ILOs

Demonstrate depth of knowledge in a course, discipline, or vocation by applying practical knowledge, skills, abilities, theories, or methodologies to solve unique problems.

Practice ethical and responsible behavior within personal, academic, professional, social, and societal contexts; recognize and welcome diverse lifestyle choices that promote physical, intellectual, psychological, and social well-being.

Reflect and act upon personal responsibility as local and global citizens; respect and appreciate social and cultural diversity and recognize the complexity of the world; value and articulate the significance of environmental sustainability and social justice.

FIRE
Fire Technology - A.S.
Degree Major

discuss the skills required for fire prevention techniques.

Identify standardized emergency response policies for public safety personnel.

Expected Outcome Performance: 70.0

<i>ILOs</i> Core ILOs	Demonstrate depth of knowledge in a course, discipline, or vocation by applying practical knowledge, skills, abilities, theories, or methodologies to solve unique problems.
	Practice ethical and responsible behavior within personal, academic, professional, social, and societal contexts; recognize and welcome diverse lifestyle choices that promote physical, intellectual, psychological, and social well-being.
<i>FIRE</i> Verdugo Recruit Fire Academy	Discuss the skills required for fire-fighting tactics and strategy
	Discuss the skills required for the use of equipment used in fire protection
<i>FIRE</i> Fire Technology - Certificate	discuss the skills required for fire-fighting tactics and strategy.
	discuss the skills required for the use of equipment used in fire protection.
<i>FIRE</i> Fire Technology - A.S. Degree Major	discuss the skills required for fire-fighting tactics and strategy.
	discuss the skills required for the use of equipment used in fire protection.
<i>FIRE</i> Verdugo Fire Academy - Certificate	discuss the skills required for fire-fighting tactics and strategy.
	discuss the skills required for the use of equipment used in fire protection.

Discuss how risk management affects strategic and tactical decision making.

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.
<i>FIRE</i> Verdugo Recruit Fire Academy	Discuss the skills required for fire-fighting tactics and strategy
<i>FIRE</i> Fire Technology - Certificate	discuss the skills required for fire-fighting tactics and strategy.
<i>FIRE</i> Verdugo Fire Academy - Certificate	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-fighting tactics and strategy.

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

Introduction (8 Hours)

- History of fire service culture
- Organizational culture
- Individual role in culture/behavior
- History of line of duty deaths and injury statistics
- Definition of the nature of the problem

The National Context: Health and Safety (8 Hours)

- National Fire Protection Association
- Occupational Safety and Health Administration
- National Institute of Occupational Safety and Health
- National Institute of Standards and Technology
- Medical and fitness standards
- Data collection: National Fire Incident Reporting System
- Research and investigation

Training, Equipment and Response (10 Hours)

- Training, certification and credentialing
- Apparatus and equipment
- Response to emergency scenes
- Violent incidents
- Emerging technologies
- Developing standard operating procedures and safety policies
- Incident Command System

Organizational Health and Safety Profile (10 Hours)

- Personal and organizational accountability
- Present condition and culture
- Internal investigations
- External investigations
- Analyzing your profile
- Utilizing grants to meet needs

Risk Management (8 Hours)

- Risk management concepts and practices
- Unsafe acts
- Empowerment definition
- Risk identification
- Risk evaluation
- Risk control

Illness and Injury Prevention Programs (10 Hours)

- Safety program evaluations
- Statistical data base analysis of internet resources on public safety employee health and safety programs
- Education of fire and life safety programs
- Counseling and psychological support associated with Critical Incident Stress Debriefing (CISD) programs

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