

### Course Outline

**COURSE:** JFT 301                      **DIVISION:** 50                      **ALSO LISTED AS:**

**TERM EFFECTIVE:** Fall 2019                      **CURRICULUM APPROVAL DATE:** 09/30/2019

**SHORT TITLE:** CERT

**LONG TITLE:** Community Emergency Response Team

<u>Units</u>	<u>Number of Weeks</u>	<u>Type</u>	<u>Contact Hours/Week</u>	<u>Total Contact Hours</u>
.5	18	Lecture:	0	0
		Lab:	1.5	27
		Other:	0	0
		Total:	1.5	27

**COURSE DESCRIPTION:**

The purpose of the Community Emergency Response Team (CERT) Basic Training is to provide the individuals who complete this course with the basic skills that they will need to respond to their community's immediate needs in the aftermath of a disaster, when emergency services are not immediately available. By working together, CERT members can assist in saving lives and protecting property using the basic techniques in this course.

**PREREQUISITES:**

**COREQUISITES:**

**CREDIT STATUS:** C - Credit - Degree Non Applicable

**GRADING MODES**

P - Pass/No Pass

**REPEATABILITY:** N - Course may not be repeated

**SCHEDULE TYPES:**

04 - Laboratory/Studio/Activity

## **STUDENT LEARNING OUTCOMES:**

1. Describe types of hazards that are most likely to affect their homes, workplaces, and neighborhoods.

Semester/Year assessed, or planned Semester/Year of assessment: Fall 2021

2. Conduct triage under simulated disaster conditions, perform head-to-toe patient assessments and set up a treatment area.

Semester/Year assessed, or planned Semester/Year of assessment: Fall 2021

3. Describe the post-disaster emotional environment and the steps that rescuers can take to relieve their own stressors and those of disaster survivors.

Semester/Year assessed, or planned Semester/Year of assessment: Fall 2021

## **CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS**

Curriculum Approval Date: 09/30/2019

### **I. Disaster Preparedness**

- a. Introductions and Overview
- b. Community Preparedness: Roles and Responsibilities
- c. Hazards and Their Potential Impact
- d. Impact on the Infrastructure
- e. Home and Workplace Preparedness
- f. Reducing the Impact of Hazards Through Mitigation
- g. CERT Disaster Response
- h. Protection for Disaster Workers

### **II. Fire Safety and Utility Controls**

- a. Introduction and Unit Overview
- b. Fire Chemistry
- c. Fire and Utility Hazards
- d. CERT Sizeup
- e. Fire Sizeup Considerations
- f. Firefighting Resources
- g. Fire Suppression Safety
- h. Hazardous Materials
- i. Exercise: Suppressing Small Fires

### **III. Disaster Medical Operations ? Part 1**

- a. Introduction and Unit Overview
- b. Treating Life-Threatening Conditions
- c. Triage

### **IV. Disaster Medical Operations ? Part 2**

- a. Introduction and Unit Overview
- b. Public Health Considerations
- c. Functions of Disaster Medical Operations
- d. Establishing Medical Treatment Areas
- e. Conducting Head-to-Toe Assessments
- f. Treating Burns
- g. Wound Care
- h. Treating Fractures, Dislocations, Sprains, and Strains
- i. Nasal Injuries
- j. Treating Cold-Related Injuries

- k. Treating Heat-Related Injuries
- l. Bites and Stings
- V. Light Search and Rescue Operations
  - a. Unit Overview
  - b. Safety During Search and Rescue Operations
  - c. Conducting Interior and Exterior Search Operations
  - d. Conducting Rescue Operations
- VI. CERT Organization
  - a. CERT Organization
  - b. CERT Mobilization
  - c. Documentation
  - d. Activity: ICS Functions
  - e. Activity: Tabletop Exercise
- VII. Disaster Psychology
  - a. Unit Overview
  - b. Disaster Trauma
  - c. Team Well-Being
  - d. Working with Survivors? Trauma
- VIII. Terrorism and CERT
  - a. What Is Terrorism?
  - b. Terrorist Targets
  - c. Terrorist Weapons
  - d. CBRNE Indicators
  - e. Preparing at Home, Work, and in Your Neighborhood
  - f. CERTs and Terrorist Incidents
  - g. Activity: Applying CERT Principles to a Suspected Terrorist Incident
- IX. Course Review, Final Exam, and Disaster Simulation
  - a. Introduction and Unit Overview
  - b. Course Review
  - c. Final Exam
  - d. Disaster Simulation
  - e. Exercise Critique and Summary

**METHODS OF INSTRUCTION:**

Lecture Discussion Class exercises

**OUT OF CLASS ASSIGNMENTS**

Required Outside Hours: 8

Assignment Description:

Reading instructor handouts

- Impact of the Infrastructure

- Home and Workplace Preparedness

**METHODS OF EVALUATION:**

Skill demonstrations

Students will demonstrate how to suppress small fires.

Objective examinations

CERT Basic Training Final Exam

Skill demonstrations

Conduct interior and exterior search operation and rescue operations during simulation. Activities will be graded by the instructor.

Objective examinations

**REPRESENTATIVE TEXTBOOKS:**

Community Emergency Response Team Participant Manual .

Recommended Other Texts and Materials

Instructor Handouts

Community Emergency Response Team Basic Training Participant Manual - Jan 2011

**ARTICULATION and CERTIFICATE INFORMATION**

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Not Transferable

UC TRANSFER:

Not Transferable

**SUPPLEMENTAL DATA:**

Basic Skills: N

Classification: Y

Noncredit Category: Y

Cooperative Education: N

Program Status: 2 Stand-alone

Special Class Status: N

CAN:

CAN Sequence:

CSU Crosswalk Course Department:

CSU Crosswalk Course Number:

Prior to College Level: Y

Non Credit Enhanced Funding: N

Funding Agency Code: Y

In-Service: N

Occupational Course: D

Maximum Hours:

Minimum Hours:

Course Control Number: CCC000608454

Sports/Physical Education Course: N

Taxonomy of Program: 213300