

### Course Outline

**COURSE:** JFT 208                      **DIVISION:** 50                      **ALSO LISTED AS:**

**TERM EFFECTIVE:** Spring 2019                      **CURRICULUM APPROVAL DATE:** 05/14/2018

**SHORT TITLE:** RIC OPERATIONS

**LONG TITLE:** Rapid Intervention Crew Operation

| <u>Units</u> | <u>Number of Weeks</u> | <u>Type</u>                | <u>Contact Hours/Week</u> | <u>Total Contact Hours</u> |
|--------------|------------------------|----------------------------|---------------------------|----------------------------|
| .5           | 18                     | Lecture:                   | .22                       | 3.96                       |
|              |                        | Lab:                       | 1.11                      | 19.98                      |
|              |                        | Other:                     | 0                         | 0                          |
|              |                        | <b>Total:</b>              | <b>1.33</b>               | <b>23.94</b>               |
|              |                        | <b>Total Learning Hrs:</b> | <b>31.86</b>              |                            |

**COURSE DESCRIPTION:**

The Rapid Intervention Crew (RIC) Operations course trains firefighters to rescue a downed firefighter in an immediately dangerous to life and health environment, in the continuing effort to reduce the number of firefighter injuries and deaths that occur regularly. The course will focus on the three phases of a RIC operation: 1) pre-deployment, 2) deployment, and 3) rescue. **PREREQUISITE:** JFT 225, 1. State Fire Marshall certified basic firefighting academy diploma or equivalent as determined by the Dean of Academy Instruction. **NOTE:** Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency. 2. Prior to beginning this course students must already be familiar with, and be able to demonstrate all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced officer training that builds upon them. These minimum knowledge and skill levels are regarding: Knowledge of Firefighter safety, Familiarity with downed firefighters, Familiarity with ladders, hoses, ropes, Knowledge of rescue operations

**PREREQUISITES:**

Completion of JFT 225, as UG, with a grade of C or better.

**COREQUISITES:**

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

**GRADING MODES**

P - Pass/No Pass

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

## SCHEDULE TYPES:

- 02 - Lecture and/or discussion
- 03 - Lecture/Laboratory
- 04 - Laboratory/Studio/Activity

## STUDENT LEARNING OUTCOMES:

Employ techniques for conducting a RIC pre-deployment and procedures for conducting rescue operations once a downed firefighter is located, including assessment and extrication from the structure .

Measure of assessment: Skill Demonstration, Scenario Training

Year assessed, or planned year of assessment: 2018

Institution Outcome Map

3. Information Competency:

3.1 Students will use printed materials, personal communication, observation, and electronic resources to find and evaluate information.

3.2 Research: Students will do research at a level that is necessary to achieve personal, professional, and educational success.

3.3 Technological Competency: Students will use technological applications to find, organize, and present information effectively.

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

Curriculum Approval Date: 05/14/2018

### Lecture Content:

- I. The RIC Mindset
  - A. Developing the RIC Mindset
  - B. Proactively-Reactive
  - C. Don't Compound the Problem
- II. Predeployment Concepts
  - A. Size-up
  - B. Tools and Equipment
  - C. Tool Cache Placement
  - D. Staying Mobile (Staying Rapid)
  - E. Tools and Equipment Summary
  - F. Softening the Building

### Lab Content:

- I. Deployment
  - A. RIC Search Procedures
  - B. Search Line System Deployment
  - C. Point-to-point Search Line Deployment
  - D. Specific Area Search
  - E. Air Management Procedures
  - F. Thermal Imaging Camera Operations
  - G. Communicating with the Downed Firefighter

## II. Rescue Operations

- A. Downed Firefighter Assessment and Air Delivery
- B. Air Delivery
- C. Last Resort Air Delivery Options
- D. Moving a Downed Firefighter
- E. Multi Application Service Tool (MAST)
- F. Stairs
- G. Ladders
- H. Collapse
- I. Firefighter through the floor
- J. Rescue from a Confined Area

## IV. RIC Operations Skills

- A. Personal Protective Equipment, Tools, and Equipment
  - B. Site Preparation
  - C. What's in your Pockets?
  - D. RIC Size-up
  - E. PAC CAN
  - F. Fall Protection
  - G. Skill #1: Size-up and Assemble a Mobile Tool Cache
  - H. Skill #2: Downed Firefighter Assessment (PAC CAN)
  - I. Skill #3: RIC Air Delivery
  - J. Skill #4: Search Line Deployment
  - K. Skill #5: Dragging a Downed Firefighter, One Rescuer
  - L. Skill #6: Dragging a Downed Firefighter
  - M. Skill #7: Packaging and Moving a Downed Firefighter Utilizing Rescue Loops
  - N. Skill #8: Packaging And Moving a Downed Firefighter Utilizing a Drag Sled
  - O. Skill #9: Packaging And Moving a Downed Firefighter Utilizing a MAST
  - P. Skill #10: Dragging a Downed Firefighter Down Stairs
  - Q. Skill #11: Dragging a Downed Firefighter Up Stairs
  - R. Skill #12: Feet-first Ladder Carry
  - S. Skill #13: Seated Carry with SCBA Removal
  - T. Skill #14: Head-first Ladder Carry
  - U. Skill #15: Rescue from a Confined Area
  - V. Skill #16: Rescuing Through the Floor - Hose Method
  - W. Skill #17: Rescuing a Conscious/Injured Firefighter Through the Floor - Hose Method
  - X. Skill #18: Rescuing an Unconscious Firefighter Through the Floor - Hose Method
  - Y. Skill #19: Rescuing a Firefighter through the Floor - Rope Method
- ## V. RIC Operations Evolutions
- A. Evolution 1: Pittsburg
  - B. Evolution 2: Tarver
  - C. Site-specific Evolutions 3 and 4

**METHODS OF INSTRUCTION:**

lecture, lab, scenario training

**OUT OF CLASS ASSIGNMENTS:**

Writing:

List tools and equipment used in RIC pre-deployment.

Required Outside Hours:

Assignment Description:

Reading:

Review procedures for performing an assessment on a downed firefighter during rescue operations.

Required Outside Hours:

Assignment Description:

Outside:

Practice RIC Operations skills such as size up, downed firefighter assessment, packaging and moving downed firefighter, and ladder carries.

**METHODS OF EVALUATION:**

Skill demonstrations

Students will perform a variety of RIC rescue operation skills and will be graded on accuracy, safety, and efficiency.

Objective examinations

**REPRESENTATIVE TEXTBOOKS:**

Required Representative Textbooks

CalFire. RIC Operations Manual. California State Fire Marshal, 2011.

Reading Level of Text, Grade: 12 Verified by: Doug Achterman

**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:

Program Status: 1 Program Applicable

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: C

Maximum Hours: .5

Minimum Hours: .5

Course Control Number: CCC000536435

Sports/Physical Education Course: N

Taxonomy of Program: 213300