

CSFM 071: RAPID INTERVENTION CREW OPERATIONS

Date Submitted: Sat, 27 Jun 2020 00:22:22 GMT

Originator

asventura

Justification / Rationale

Periodic course review. The last time the state increased these fees was in 2008. SFT has new diploma fee increases that will go into effect on July 1, 2020.

Effective Term

Fall 2020

Credit Status

Credit - Degree Applicable

Subject

CSFM - California State Fire Marshal

Course Number

071

Full Course Title

Rapid Intervention Crew Operations

Short Title

RIC OPERATIONS

Discipline**Disciplines List**

Fire Technology

Modality

Face-to-Face

Catalog Description

The Rapid Intervention Crew Operations course trains volunteer and career students to rescue a downed fire fighter in an immediately dangerous to life and health (IDLH) environment. Students will learn about the continuing effort of how to reduce the number of fire fighter injuries and deaths that occur annually in the fire service. Students will learn Rapid Intervention Crew terminology and study Line of Duty Death case studies. Course content will include the three phases of a Rapid Intervention Crew operation that consists of Pre-deployment, Deployment and Rescue. The CSFM 071 course is a California State Fire Marshal (CSFM) course. Upon successful completion of the course, a CSFM diploma fee of \$75 is required for this course to cover the California State Fire Training Certificate of Completion.

Schedule Description

The Rapid Intervention Crew Operations course trains volunteer and career students to rescue a downed fire fighter in an immediately dangerous to life and health (IDLH) environment. Course content will include the three phases of a Rapid Intervention Crew operation that consists of Pre-deployment, Deployment and Rescue. The CSFM 071 course is a California State Fire Marshal (CSFM) course. Upon successful completion of the course, a CSFM diploma fee of \$75 is required for this course to cover the California State Fire Training Certificate of Completion. Limitation on Enrollment: Fire Fighter I training, Fire Fighter Survival or IAFF course Fire Ground Survival.

Lecture Semester Hours

4

Lab Units

0.5

Lab Semester Hours

20

In-class Hours

24

Out-of-class Hours

4

Total Course Units

0.5

Total Semester Hours

28

Override Description

per State Fire Marshal curriculum

Limitation on Enrollment

Fire Fighter I training, Fire Fighter Survival or IAFF course Fire Ground Survival.

Required Text and Other Instructional Materials**Resource Type**

Web/Other

Open Educational Resource

No

DescriptionCalifornia State Fire Training Manual
<http://osfm.fire.ca.gov/training/pdf/RICOps.StManual.pdf>

Class Size Maximum

30

Course Content

1. Orientation and Administration
2. The RIC Mindset
3. Pre-Deployment Concepts
4. Deployment Concepts
5. Rescue Operations

Lab Content

1. RIC Operation Skills
 - a. Size-up and Assemble A Mobile Tool Cache
 - b. Downed Fire Fighter Assessment
 - c. RIC Air Delivery
 - d. Search Line Deployment
 - e. Dragging A Downed Fire Fighter, One Rescuer
 - f. Dragging A Downed Fire Fighter
 - g. Packaging And Moving A Downed Fire Fighter Utilizing Rescue Loops
 - h. Packaging And Moving A Downed Fire Fighter Utilizing A Drag Sled
 - i. Packaging And Moving A Downed Fire Fighter Utilizing A Mast
 - j. Dragging A Downed Fire Fighter Down Stairs
 - k. Dragging A Downed Fire Fighter Up Stairs
 - l. Feet-first Ladder Carry
- m. Seated Ladder Carry With SCBA Removal
- n. Head-first Ladder Carry
- o. Rescue From A Confined Area
- p. Rescuing A Conscious and Uninjured Fire Fighter Through The Floor – Hose Method
- q. Rescuing A Conscious And Injured Fire Fighter Through the Floor – Hose Method

- r. Rescuing An Unconscious Fire Fighter Through the Floor – Hose Method
- s. Rescuing A Downed Fire Fighter Through The Floor – Rope Method

2. RIC Operation Evolutions

- Pittsburg Evolution
- Tarver Evolution
- Scenario-based Site-specific Evolutions

Course Objectives

Objectives	
Objective 1	List Rapid Intervention Crew terminology.
Objective 2	Analyze fire fighter fatality case study recommendations focused on firefighter emergencies on the emergency fire ground scene.
Objective 3	Describe techniques and training when developing the "RIC mindset"
Objective 4	List the required steps necessary before a RIC deployment (Pre-Deployment) occurs to increase the chances of a successful outcome.
Objective 5	Demonstrate techniques required when conducting a RIC Deployment that include search and rescue operations and the use of thermal imaging.
Objective 6	Demonstrate techniques required to assess and extricate a downed firefighter from a structure.

Student Learning Outcomes

Upon satisfactory completion of this course, students will be able to:	
Outcome 1	Demonstrate techniques required when performing rescue operations necessary when a downed fire fighter is located.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Lecture	RIC Mindset
Lecture	Pre-Deployment Concepts
Lecture	Deployment Concepts
Lecture	Rescue Operations
Demonstration, Repetition/Practice	RIC Operation Skills: Size-up and Assemble A Mobile Tool Cache Downed Fire Fighter Assessment RIC Air Delivery Search Line Deployment Dragging A Downed Fire Fighter, One Rescuer Dragging A Downed Fire Fighter Packaging And Moving A Downed Fire Fighter Utilizing Rescue Loops Packaging And Moving A Downed Fire Fighter Utilizing A Drag Sled Packaging And Moving A Downed Fire Fighter Utilizing A Mast Dragging A Downed Fire Fighter Down Stairs Dragging A Downed Fire Fighter Up Stairs Feet-first Ladder Carry Seated Ladder Carry With SCBA Removal Head-first Ladder Carry Rescue From A Confined Area Rescuing A Conscious and Uninjured Fire Fighter Through The Floor – Hose Method Rescuing A Conscious And Injured Fire Fighter Through the Floor – Hose Method Rescuing An Unconscious Fire Fighter Through the Floor – Hose Method Rescuing A Downed Fire Fighter Through The Floor – Rope Method

Collaborative/Team	RIC Operation Evolutions: Pittsburg Evolution Tarver Evolution Scenario-based Site-specific Evolutions
--------------------	---

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Field/physical activity observations	Observation of students during skills and scenario based evolutions.	In Class Only
Group activity participation/observation	Students to demonstrate proficiency in search line deployment.	In Class Only
Group activity participation/observation	Students to demonstrate proficiency in tying specific knots required to perform rescues.	In and Out of Class
Self-paced testing	Review case studies.	Out of Class Only
Tests/Quizzes/Examinations	SFT final exam	In Class Only
Group activity participation/observation	Demonstrate RIC Operations skills as required by California State Fire Marshall	In Class Only

Assignments
Other In-class Assignments

1. Read firefighter fatality case studies.
2. Discuss "RIC Mindset"
3. Lecture on Pre-Deployment and Deployment concepts
4. Discuss Rescue Operations
5. Demonstrate and Practice RIC Operation Skills
6. Demonstrate and Practice RIC Operation Evolutions
 - a. Pittsburg Evolution
 - b. Tarver Evolution

Other Out-of-class Assignments

1. Review firefighter case studies
2. Practice tying knots with rope for final skills examination
3. Review RIC Operation Skill Techniques
4. Review course content for final examination

Grade Methods

Pass/No Pass Only

MIS Course Data
CIP Code

43.0203 - Fire Science/Fire-fighting.

TOP Code

213350 - Fire Academy

SAM Code

C - Clearly Occupational

Basic Skills Status

Not Basic Skills

Prior College Level

Not applicable

Cooperative Work Experience

Not a Coop Course

Course Classification Status

Credit Course

Approved Special Class

Not special class

Noncredit Category

Not Applicable, Credit Course

Funding Agency Category

Not Applicable

Program Status

Program Applicable

Transfer Status

Not transferable

General Education Status

Not applicable

Support Course Status

Course is not a support course

Allow Audit

No

Repeatability

No

Materials Fee

No

Additional Fees?

Yes

Additional Fee Amount

\$75.00

Additional Fees Description

Diploma fee by California State Fire Training.

Approvals**Curriculum Committee Approval Date**

5/05/2020

Academic Senate Approval Date

5/14/2020

Board of Trustees Approval Date

6/18/2020

Chancellor's Office Approval Date

6/26/2020

Course Control Number

CCC000599877

Programs referencing this courseFire Technology Certificate of Achievement (<http://catalog.collegeofthedesert.eduundefined?key=146/>)

