

# BFFA 063B: BASIC FIRE FIGHTER I ACADEMY (PART 2)

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**Originator**

wholloway

**Co-Contributor(s)****Name(s)**

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**Justification / Rationale**

The California State Fire Marshall's office, State Fire Training (SFT), has recently adopted the newest standard (2019) for Firefighter I and Firefighter II requirements. As an Accredited Regional Training Program (ARTP) for SFT, we are mandated to provide the updated and approved curriculum as provided by the SFT office.

**Effective Term**

Fall 2020

**Credit Status**

Credit - Degree Applicable

**Subject**

BFFA - Basic Fire Fighter Academy

**Course Number**

063B

**Full Course Title**

Basic Fire Fighter I Academy (Part 2)

**Short Title**

BFFA ACADEMY PART 2

**Discipline****Disciplines List**

Fire Technology

**Modality**

Face-to-Face

**Catalog Description**

This course is Part 2 of the Basic Firefighter 1 Academy. Students must have successfully completed BFFA 063A (Part 1) to be eligible to enroll in BFFA 063B (Part 2). Successful completion of both BFFA 063A and BFFA 063B are required to meet the minimum requirements as mandated by the California State Fire Marshal. This course provides students with the skills and knowledge needed for the entry level professional fire fighter position to perform his/her duties safely, effectively, and competently. The curriculum is based on the 2019 edition of the National Fire Protection Association (NFPA 1001 Standard for Fire Fighter Professional Qualifications, the 2012 edition of NFPA 1051 Standard for Wildland Fire Fighter Professional Qualifications, and the 2008 edition of NFPA 72 Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents.) Completion of this course satisfies the requirements as established by the State Fire Marshal for the Fire Fighter 1 and 2 (2019) curriculum. Completion of this course requires students to complete all summative tests with a minimum of 80%, complete all activities and formative tests, and complete all mandatory skills testing as established by the State Fire Marshal Fire Fighter 1 and 2 (2019) course plans. Students will be issued CSFM certificates upon successful completion of the scheduled training modules during the Fire Academy. 1. Students will be required to rent or purchase NFPA compliant structural protective equipment to enroll in this class. 2. Students will be required to purchase black leather boots that include a vibrant rubber sole, steel shank and steel toe. 3. Students will be required to purchase two complete Fire Academy uniforms. Uniform specifications and vendors are identified in the Fire Academy Standard Operating Procedures. 4. Students will be required to pay for the California State Fire Marshal Fire Service Training & Education System (FSTEP) certificates at time of specific course completion for approximate total of \$600.00. 5. Students will be required to pay for the California State Fire Marshal Fire Fighter 1 and 2 IFSAC and Pro Board written examination fees for a total of approximately \$300.00.

The BFFA 063B Firefighter 1 Academy has specific California State Fire Training courses built into the program. Upon completion of each specific California State Fire Training modules a fee of \$75.00 is required for the course to cover the California State Fire Training Diploma for each individual module course.

**Schedule Description**

BFFA 063B is Part 2 of the Basic Firefighter 1 Academy. Students must have successfully completed BFFA 063A (Part 1) to be eligible to enroll in BFFA 063B (Part 2). Successful completion of both BFFA 63A and BFFA 63B are required to meet the minimum requirements as mandated by the California State Fire Marshal. See course catalog for full course description. The BFFA 063B Firefighter 1 Academy has specific California State Fire Training courses built into the program. Upon completion of each specific California State Fire Training modules, a fee of \$75.00 is required for this course to cover the California State Fire Training Certificate of Completion for a total of approximate \$600.00. Students will be required to pay for the California State Fire Marshal Fire Fighter 1 and 2 IFSAC and Pro Board written examination fees for a total of approximately \$300.00.

Prerequisite: BFFA 063A with a minimum grade of B.

Limitation on Enrollment: Students must complete all activities and formative tests. Students must complete all summative tests with a minimum score of 80%. Students must complete all mandatory skills testing. Successful completion within one year of a Certified Physical Ability Test (CPAT). Safety gear and SCBA will be required. FIT testing is mandatory.

**Lecture Units**

4.5

**Lecture Semester Hours**

85

**Lab Units**

4.25

**Lab Semester Hours**

234

**In-class Hours**

319

**Out-of-class Hours**

170

**Total Course Units**

8.75

**Total Semester Hours**

489

**Prerequisite Course(s)**

BFFA 063A with a minimum grade of "B"

**Limitation on Enrollment**

Students must complete all activities and formative tests.  
Students must complete all summative tests with a minimum score of 80%.  
Students must complete all mandatory skills testing.

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

Book (Recommended)

**Author**

-Teie, William C.

**Title**

Wildland Firefighting Fundamentals

**Edition**

Fourth

**Publisher**

IFSTA

**Year**

2018

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**Resource Type**

Book

**Author**

International Association of Fire Chiefs

**Title**

Fundamentals of Fire Fighter Skills and Hazardous Materials Response

**Edition**

Fourth

**Publisher**

Jones Bartlett Learning

**Year**

2019

**College Level**

Yes

**Flesch-Kincaid Level**

N/A

**ISBN #**

978-1-284-15133-6

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**Resource Type**

Web/Other

**Description**IS-100 Introduction to Incident Command System, I-100 Student Manual (<http://training.fema.gov/EMIweb/IS/is100lst.asp>)

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**Resource Type**

Web/Other

**Description**IS-700 National Incident Management System, An Introduction I-700 Student Manual(<http://training.fema.gov/EMIweb/IS/is700alst.asp>)

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**Resource Type**

Book (Recommended)

**Open Educational Resource**

Yes

**Author**

California Department of Forestry and Fire Protection

**Title**

Wildland Urban Interface Operating Principles

**Edition**

First

**Publisher**

CAL Fire

**Year**

2014

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**For Text greater than five years old, list rationale:**

Text now standard for Wildland Firefighting operations in California and was only released in 2015.

**Class Size Maximum**

32

**Entrance Skills**

Describe the mobilization and demobilization of the Incident Command System structure.

**Requisite Course Objectives**

BFFA 063A-Describe how the Incident Command System structure expands (mobilizes) or contracts (demobilize) to meet the needs of the incident or event.

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**Entrance Skills**

Exhibit the roles and functions of a personnel working on rescue teams.

**Requisite Course Objectives**

BFFA 063A-Define common terms used in the fire service.

BFFA 063A-Describe the unity and chain of command

BFFA 063A-List actions to be accomplished prior to leaving for an incident or event

BFFA 063A-Describe the safe approach tactic upon recognition of a Haz Mat event.

BFFA 063A-Develop pre-plans for handling emergency trench rescues.

BFFA 063A-Define the roles and functions of personnel working on rescue teams

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**Entrance Skills**

Demonstrate the procedure for removal and stabilization of a trapped victim.

**Requisite Course Objectives**

BFFA 063A-Demonstrate Proper procedure for removal of a trapped victim or firefighter.

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**Entrance Skills**

Evaluate fire scenes and determine the use of interior or exterior attack methods.

**Requisite Course Objectives**

BFFA 063A-List actions to be accomplished prior to leaving for an incident or event

BFFA 063A-Describe the purpose and need to safely initiate command.

BFFA 063A-Describe proper protective action options available to first responders, within their capabilities and resources

BFFA 063A-Develop pre-plans for handling emergency trench rescues.

BFFA 063A-Identify the types and uses of fire hose used in the fire service.

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**Entrance Skills**

Perform fire confinement and extinguishment methods for flammable gases and liquids under live fire conditions.

**Requisite Course Objectives**

BFFA 063A-Recognize a Haz Mat event through basic clues, warning signs, placards, labels, shipping manifests, and Material Safety Data sheets

BFFA 063A-Describe the safe approach tactic upon recognition of a Haz Mat event.

BFFA 063A-Describe the purpose and need to safely initiate command.

BFFA 063A-Demonstrate the proper deployment of fire hose and the various hose loads used on fire apparatus.

BFFA 063A-Demonstrate proper donning and doffing of a Self Contained Breathing Apparatus.

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**Entrance Skills**

Recognize all aspects of hazardous materials (Haz Mat).

- BFFA 063A - Describe and ICS organization appropriate to a small incident using and Incident Briefing Form.
- BFFA 063A - Recognize what Hazardous Materials (Haz Mat) are; the problems they pose; the risks and outcomes Haz Mat events present; and identifying the Haz Mat First Responder's Awareness versus Operational role (including the limits of both roles).
- BFFA 063A - Recognize a Haz Mat event through basic clues, warning signs, placards, labels, shipping manifests, and Material Safety Data sheets
- BFFA 063A - Explain first Responder Awareness actions, citing the need for safety, isolating/denying entry, and making notifications and contacts to mitigate a Haz Mat incident.
- BFFA 063A - Describe the safe approach tactic upon recognition of a Haz Mat event.

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### Entrance Skills

Identify the environmental factors of wild land fire behavior that affect the start and spread of wild land fire.

- BFFA 063A - List actions to be accomplished prior to leaving for an incident or event
- BFFA 063A - Identify points required to size-up a scene
- BFFA 063A - Identify the types and uses of fire hose used in the fire service.

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### Course Content

#### 1. **Unit 1 - Introduction**

- Topic 1-1: Orientation and Administration
- Topic 1-2: Fire Fighter 1 and 2 Certification Process
- Topic 1-3: Fire Fighter 1 and 2 Roles and Responsibilities

#### **Unit 2 – Firefighter Safety**

- Topic 2-1: Operating within the Incident Command System
- Topic 2-2: Health and Safety Awareness
- Topic 2-3: Behavioral Health
- Topic 2-4: Cancer Awareness
- Topic 2-5: Structural Personal Protective Ensemble
- Topic 2-6: Self-Contained Breathing Apparatus
- Topic 2-7: Using SCBA During Emergency Operations
- Topic 2-8: Doffing SCBA and PPE for Gross Decontamination
- Topic 2-9: Responding on an Apparatus to an Emergency Scene
- Topic 2-10: Establishing and Operating in Work Areas at Emergency Scenes

#### **Unit 3 – Communications**

- Topic 3-1: Receiving a Non-Emergency Telephone Call
- Topic 3-2: Initiating a Response to a Reported Emergency
- Topic 3-3: Transmitting and Receiving Messages Via Radio
- Topic 3-4: Completing a Basic Fire Report (FFII)
- Topic 3-5: Communicating the Need For Team Assistance (FFII)

#### **Unit 4 – Fire Tools and Equipment**

- Topic 4-1: Utilizing Ropes and Knots
- Topic 4-2: Utilizing Hand and Power Tools
- Topic 4-3: Operating Emergency Scene Lighting
- Topic 4-4: Operating an Air-Monitoring Instrument
- Topic 4-5: Maintaining Power Plants, Power Tools, and Lighting Equipment

#### **Unit 5 – Structural Fire Suppression**

- Topic 5-1: Building Construction
- Topic 5-2: Fire Behavior
- Topic 5-3: Extinguishing Fire with Fire Extinguishers
- Topic 5-4: Water Supply Systems
- Topic 5-5: Cleaning, Inspecting, and Returning Fire Hose to Service
- Topic 5-6: Performing an Annual Service Test on Fire Hose (FFII)
- Topic 5-7: Deploy and Connect Fire Hose
- Topic 5-8: Utility Control at Emergencies

Topic 5-9: Cleaning, Inspecting, and Maintaining Fire Service Ladders  
Topic 5-10: Ground Ladder Operations  
Topic 5-11: Forcing Entry into a Structure  
Topic 5-12: Conducting a Search and Rescue Operation in a Structure  
Topic 5-13: Attacking an Interior Structure Fire  
Topic 5-14: Coordinating an Interior Attack Line (FFII)  
Topic 5-15: Horizontal Ventilation Operations  
Topic 5-16: Vertical Ventilation Operations  
Topic 5-17: Conserving Property  
Topic 5-18: Overhauling a Fire Scene  
Topic 5-19: Protecting Evidence of Fire Cause and Origin (FFII)  
Topic 5-19: Protecting Evidence of Fire Cause and Origin (FFII)  
Topic 5-20: Performing a Fire Safety Survey in an occupied structure (FFII)  
Topic 5-21: Presenting Fire Safety Information to Fire Station Visitors or small groups (FFII)  
Topic 5-22: Preparing a Pre-incident Survey (FFII)

#### ***Unit 6 – Firefighter Survival***

Topic 6-1: Structural Fire Fighter Survival

#### ***Unit 7 – Suppression of Fire Outside a Structure***

Topic 7-1: Extinguishing Fires in Exterior Class A Materials  
Topic 7-2: Attacking a Passenger Vehicle Fire  
Topic 7-3: Combating a Ground Cover Fire  
Topic 7-4: Extinguishing an Ignitable Liquid Fire (FFII)  
Topic 7-5: Controlling a Flammable Gas Cylinder Fire (FFII)

#### ***Unit 8 – Rescue Operations***

Topic 8.1: Extricating a Victim Trapped in a Motor Vehicle (FFII)  
Topic 8.2: Assisting Rescue Operation Teams (FFII)

#### ***Hazardous Materials –***

#### ***Unit 9 - Hazardous Materials / WMD Awareness***

Topic 8-1: Description of Duties (Awareness)  
Topic 8-2: Recognizing and Identifying Hazardous Materials/WMD and Associated Hazards  
Topic 8-3: Isolating the Hazard Area and Denying Entry  
Topic 8-4: Initiating Required Notifications

#### ***Unit 9 - Hazardous Materials/WMD Operations***

Topic 9-1: Description of Duties (Operations)  
Topic 9-2: Identifying the Scope of a Hazardous Materials/WMD Incident  
Topic 9-3: Selecting, Donning, Working In, and Doffing Approved PPE at a Hazardous Materials/WMD Incident  
Topic 9-4: Performing Emergency Decontamination at a Hazardous Materials/WMD Incident  
Topic 9-5: Identifying Action Options for a Hazardous Materials/WMD Incident  
Topic 9-6: Performing Assigned Tasks at a Hazardous Materials/WMD Incident  
Topic 9-7: Performing Product Control Techniques at a Hazardous Materials/WMD Incident  
Topic 9-8: Evaluating and Reporting Progress for a Hazardous Materials/WMD Incident

#### ***Wildland –***

#### ***Unit 10 - Introduction To Wildland Firefighting***

Topic 10-1: Wildland Fire Fighter Roles and Responsibilities

#### ***Unit 11 - Preparation***

Topic 11-1: Wildland Fire Behavior  
Topic 11-2: Recognizing Hazards and Unsafe Situations  
Topic 11-3: Human Factors on the Fireline  
Topic 11-4: Donning, Doffing, and Maintaining Wildland Personal Protective Equipment  
Topic 11-5: Deploying a Fire Shelter  
Topic 11-6: Maintaining Assigned Suppression Hand Tools and Equipment

**Unit 12 - Suppression**

Topic 12-1: Assembling and Preparing for Response

Topic 12-2: Constructing a Fireline

Topic 12-3: Securing a Fireline

Topic 12-4: Reducing the Threat of Fire Exposure to Improved Properties (WUI)

Topic 12-5: Mopping Up in a Fire Area

Topic 12-6: Patrolling the Fire Area

**Lab Content**

1. **Fire Fighter Safety**
  - a. Physical Fitness
  - b. Don and Doff Structural Personal Protective Ensemble
  - c. Don and Doff Self-Contained Breathing Apparatus
  - d. Don and Doff Structural PPE and SCBA for Gross Decontamination
  - e. Responding on an Apparatus
  - f. Operating at an Emergency Scene
2. **Tools and Equipment**
  - a. Ropes, Knots and Rigging Operations
  - b. Operate Hand and Power Tools
  - c. Operate Portable Electric and Lighting Equipment
  - d. Demonstrate Maintenance of Hand and Power Tools
  - e. Perform Vehicle Extrication Operations
3. **Structural Fire Fighting Operations**
  - a. Operate Fire Extinguishers
  - b. Demonstrate Water Supply Systems
  - c. Deploy Fire Hose
  - d. Secure Utility Control at Emergencies
  - e. Raise and Extend Ground Ladder
  - f. Forcible Entry Operations
  - g. Conduct Structure Fire Search and Rescue Operations
  - h. Participate in Structural Fire Fighting Operations
    - i. Demonstrate Horizontal Ventilation Operations
    - j. Demonstrate Vertical Ventilation Operations
  - k. Conduct Property Conservation and Overhaul Operations
4. **Suppression of Fires Outside of a Structure**
  - a. Perform Exterior Fire Extinguishment Operations
  - b. Extinguish Passenger Vehicle Fires
5. **Wildland Fire Suppression**
  - a. Don And Doff Wildland Personal Protective Equipment
  - b. Demonstrate proper use of Wildland Tools & Equipment
  - c. Utilize Incident Response Pocket Guide (IRPG)
  - d. Simulate Wildland Suppression
  - e. Construct Fireline
  - f. Reinforce a Fireline
  - g. Conduct Wildland Urban Interface Operations
  - h. Demonstrate Mop-Up Operations
6. **Skills Testing**
  - a. Personal Protective Equipment
  - b. Self Contained Breathing Apparatus
  - c. Hose and progressive Hose-lay
  - d. Ground Ladder Operations
  - e. Ropes and Knots
  - f. Hand and Power Tools
  - g. Wildland Fire Shelter Deployment
  - h. Air Retardant Drop Position
  - i. IRPG Use

- j. Recognize, Identify, and Isolate Hazardous Materials WMD
- k. Identify Markings
- l. Perform Emergency Decontamination
- m. Don, Work In, and Doff Chemical Protective Clothing
- n. Perform Product Control

**Course Objectives**

<b>Objectives</b>	
Objective 1	Identify tools used in vehicle extrication and heavy rescue operations.
Objective 2	Demonstrate proper use, inspection, and maintenance of firefighting and rescue equipment
Objective 3	Evaluate the incident scene for safety.
Objective 4	Observe basic fire behavior in burning structure and identify fire growth patterns.
Objective 5	Evaluate fire scenes and effectively use the correct interior attack method.
Objective 6	Assess various types of structural ventilation techniques and be able to utilize each type.
Objective 7	Evaluate types of exterior attack strategies.
Objective 8	Identify basic components of the Incident Command System.
Objective 9	List basic characteristics and hazards of flammable gases and liquids.
Objective 10	Describe methods and techniques for handling flammable gases and liquids in and out of fire situations.
Objective 11	Perform fire confinement and extinguishment methods for flammable gases and liquids under live fire conditions.
Objective 12	Define basic wildland fire terminology.
Objective 13	Identify the environmental factors of wildland fire behavior that affect the start and spread of wild land fire
Objective 14	List situations which indicate problem or extreme wildland behavior.
Objective 15	Apply basic wildland firefighting tactics and strategies.
Objective 16	Demonstrate tactics and methods to provide structure protection during wildland fire suppression
Objective 17	Identify and perform essential and advanced fire ground tasks with minimal supervision
Objective 18	Describe and correctly complete basic rescue operations using ropes and rigging assemblies.
Objective 19	Demonstrate skills, knowledge, and abilities required of routine and emergency firefighting operations
Objective 20	List basic fire prevention and investigation tasks.
Objective 21	Demonstrate all required California State Fire Marshal activities and skills correctly.

**Student Learning Outcomes**

<b>Upon satisfactory completion of this course, students will be able to:</b>	
Outcome 1	Evaluate fire wildland fire scenes and demonstrate the use of wildland fire suppression techniques.
Outcome 2	Identify the environmental factors of wildland fire behavior that affect the start and spread of wild land fire.
Outcome 3	Demonstrate tactics and methods to provide structure protection during wildland fire suppression.
Outcome 4	Demonstrate use of hand tools and hydraulic tools during vehicle extrication operations.
Outcome 5	Demonstrate extinguishment of vehicle fires.
Outcome 6	Evaluate fire scenes and determine the use of interior or exterior fire attack methods involving buildings during live fire conditions.
Outcome 7	Demonstrate use of ropes and rigging equipment use during rope rescue operations and firefighter safety and survival operations.
Outcome 8	Perform fire confinement and extinguishment methods for flammable gases and liquids under live fire conditions.

**Methods of Instruction**

<b>Method</b>	<b>Please provide a description or examples of how each instructional method will be used in this course.</b>
Demonstration, Repetition/Practice	All Drill Ground activities are demonstrated by instructor's prior to/during instruction. Continual repetition and practice time is provided in the semester hours.



Activity	Administer instruction at offsite locations for various, complicated portions of instruction. I.e. LARRO, Vehicle extrication, ventilation, and Wildland Fire maneuvers.
Participation	Classroom discussions and Drill Ground exercises designed to build teams and assist students with understanding fire command and control protocols and procedures.
Observation	Student will be shown the correct methods to perform all activities and will be continuously encouraged to improve personal technique by observing other students and instructors.
Lecture	Lecture will be provided on all subject matter, coordinated with Drill Ground exercises.
Laboratory	Drill Ground evolutions throughout the Academy.

**Methods of Evaluation**

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
College level or pre-collegiate essays	Required to complete two research papers over the course of the semester. This paper is generally a study of a specific Fire service issue that requires the student to conduct research on the topic in order to get a better understanding of the reason a specific subject is important to the Fire service.	Out of Class Only
Oral and practical examination	Observed for participation in classroom discussions and are evaluated on Drill Ground Performance. Students must apply critical thinking skills to given evolutions in order to be successful. Critical thinking skills are the very basis of the instruction and the fire service in general.	In Class Only
Self-paced testing	Encouraged/evaluated on the use of electronic preparation materials available with the course textbook. They are given numerous tools to utilize including flash cards, practice exams, audio reading if the textbook, etc. They are generally encouraged to spend at least one hour per night, between weekend classes, studying textbook and classroom materials provided. They are then verbally "quizzed" during morning inspection in order to gain a base of whether the students are in fact studying the material in advance of the classroom presentation. They are expected to study materials each evening of the weekend attendance in order to prepare for the following day(s).	In and Out of Class
Student participation/contribution	Continually evaluated on their ability to act in a team environment and their awareness of the importance in working in close contact with others. Students are encouraged to participate in out of class activities such as career fairs, in order to enhance their concept of "public service", a basis for the field they are trying to enter. Other activities include "work days" when the students come to the Tower and assist staff with moving, cleaning, working on class materials and equipment. These opportunities are provided a minimum of 3-5 times per month for those who wish to take advantage.	In and Out of Class

Mid-term and final evaluations	Receive two “mid-term” evaluations, practical exams throughout, and a Final Exam. Additionally, students participate in State Fire Training Certification Exams at the end of the course, both written and practical exams. All of these tests, quizzes and practical evolutions REQUIRE that the student has a level of critical thinking ability in order to be successful in not only the class, but in the fire service in general.	In Class Only
Tests/Quizzes/Examinations	All written testing is multiple choice, provided primarily by the textbook exam generator. The exception is the on-line written, multiple choice certification exam given at the end of the course for State Fire Training Certification. Due to the depth and technical nature of the information provided throughout the course, students must spend many hours studying material provided and developed in order to be successful.	In and Out of Class
Group activity participation/observation	All practical activities are done in a group/squad environment. Additionally, students must practice applicable skills at home in order to become proficient at a given task. I.e. They must properly don their protective equipment in one minute. This requires significant practice on their own time in order to meet the standard.	In and Out of Class
Presentations/student demonstration observations	Encouraged to participate as Squad Leaders, where there are occasions when they must demonstrate to their squad and/or the class a given task. Students are encouraged to develop relationships within their individual squads, by conducting study groups or participating in physical fitness training together in order to develop the team mentality. The very nature of the fire service requires that the student have a level of critical thinking ability above that of the standard student.	In Class Only
Field/physical activity observations	Continual practical application of all learning objectives where students are evaluated in general and for specific instances for performance and ability evaluation. Students must actively participate in all aspects of practical applications. Students, as a practical matter, must use their own time to become proficient in a given task. They must spend a minimum of an hour to two hours a night throughout the Fire Academy in order to meet the standards of testing etc. I.e. Ropes and knots must be practiced out of school or they will not be able to perform for testing or even practice sessions conducted in class.	In and Out of Class
Reading reports	Evaluated on their ability to complete research papers, as well as complete a comprehensive notebook they prepare throughout the length of the Fire Academy, based on all of the material they have collected or been provided. The case studies and materials in general must be studied by the student in order to grasp the content to the level required to pass the course.	Out of Class Only

Term or research papers

Evaluated on their ability to complete research papers, as well as complete a comprehensive notebook they prepare throughout the length of the Fire Academy, based on all of the material they have collected or been provided. The case studies and materials in general must be studied by the student in order to grasp the content to the level required to pass the course.

Out of Class Only

## Assignments

### Other In-class Assignments

1. Participation
2. Observation
3. Presentations
4. Simulation scenarios
5. Group discussions
6. Skills demonstrations
7. Quizzes and examinations

### Other Out-of-class Assignments

1. Skills Practice - Students must practice the skills taught in the classroom in order to become proficient in a given skill. While no specific number of hours is directed as this depends on the ability of the individual student, it is understood this generally requires a minimum of 6-8 hours per week.
2. Required Readings - Class generally covers a different chapter each week. This requires the student to both study for the next week's quiz, while also preparing for the following week's lecture. Each chapter varies, but generally covers technical information for about 30-40 pages, each week.
3. Simulation scenarios
4. Live fire scenarios
5. Rescue scenarios
6. Auto extrication skills practice and scenarios
7. Class project/Essays - Research papers are assigned relative to a given subject within the Fire service. Students must produce a minimum of five pages of research on a given topic.
8. Notebooks - These are required of each student in order for them to develop a reference for the future. They generally fill two 4" binders with materials provided. This also helps to provide the student a sense of organization of the mass of technical information provided.
9. Practical skills testing
10. Team building exercises
11. Quizzes and examinations

## Grade Methods

Letter Grade Only

## MIS Course Data

### CIP Code

43.0203 - Fire Science/Fire-fighting.

### TOP Code

213350 - Fire Academy

### SAM Code

B - Advanced 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**

Yes

**Total Material Fees**

900

**Itemized Material Fee List**

Cost Per Item	Total Cost	Fee Description
75	600	CSFM Diploma For Individual Instructional Topics
	50	Misc CSFM Certificate Fees
	250	CSFM Testing Fees

Per Education Code section 76365 and Title 5 regulations, please describe how the required material(s) meets the following.

**Required Material Description**

Required California State Fire Testing to be performed on Fire Academy provided testing platform. Note: Rental of PPE is required due to the nature of the instruction. Due to the high cost and regulations on this this gear, it is impractical for the district to provide and/or maintain. This must be provided through a third party vendor at a cost to the student. There are no alternatives for this fee.

**Tangible personal property?**

Yes

**Owned or controlled by the student?**

yes - Except Rental PPE

**Solely available from the district?**

Yes

**Continuing value outside the classroom setting?**

Yes - Student will generally need diplomas issued to provide to potential employment opportunities into the future.

**Additional Fees?**

No

**Approvals****Curriculum Committee Approval Date**

4/16/2020

**Academic Senate Approval Date**

4/23/2020

**Board of Trustees Approval Date**

5/15/2020

**Chancellor's Office Approval Date**

5/16/2020

**Course Control Number**

CCC000559859

**Programs referencing this course**

Basic Fire Fighter Certificate of Achievement (<http://catalog.collegeofthedesert.eduundefined?key=113/>)