

BFFA 063A: BASIC FIRE FIGHTER I ACADEMY (PART 1)

Originator

wholloway

Justification / Rationale

As mandated by California State Fire Marshals/State Fire Training Office, updated curriculum to Firefighter 1 2019. Requires modification of hours to include newer and updated materials to conform with FFI 2019 as well as IFSAC ProBoard Certifications. Add corequisite course for Physical Ability requirement.

Effective Term

Fall 2020

Credit Status

Credit - Degree Applicable

Subject

BFFA - Basic Fire Fighter Academy

Course Number

063A

Full Course Title

Basic Fire Fighter I Academy (Part 1)

Short Title

BFFA ACADEMY PART 1

Discipline**Disciplines List**

Fire Technology

Modality

Face-to-Face

Catalog Description

This course is Part 1 of the Basic Firefighter 1 Academy. Students must successfully complete this course 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 (2019) Fire fighter I 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 Firefighter I 2019 course plan. Students will be required to attend one of two Orientation sessions to be held during the summer months prior to the Fall semester, after the initial application deadline. Students will be issued CSFM certificates upon successful completion of the scheduled training modules during the Fire Academy. Upon completion of a specific California State Fire Training modules a fee of \$465.00 is required for this course to cover the California State Fire Training Certificate of Completion. Check the program website for additional information. Students will be required to rent NFPA compliant structural protective equipment to enroll in this course.

Schedule Description

BFFA 063A is Part 1 of the Basic Firefighter 1 Academy. Students must successfully complete this course 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. See course catalog for full course description. The BFFA 063A Firefighter 1 Academy has specific California State Fire Training courses built into the program. Upon completion of a specific California State Fire Training modules a fee of \$465.00 is required for this course to cover the California State Fire Training Certificate of Completion. Check the program website for additional information. Students will be required to rent NFPA compliant structural protective equipment to enroll in this course. Prerequisite: EMT 084 and FIRE 001 or FIRE 001A & FIRE 001B Corequisite: CSFM 070 or previous completion Corequisite: KINE 037 or previous completion Advisory: ENG 061 Limitation on Enrollment: Successful completion of a Certified Physical Ability Test (CPAT) or BIDDLE test within one year prior to the start of the Fire Academy. KINE 037 may be substituted

for this requirement. Students must complete a mandatory respiratory examination (FIT) test before using the SCBA equipment. Safety gear and SCBA will be required of all students. Complete IS-100: Introduction to the Incident Command System (<http://training.fema.gov/EMLweb/IS/is100lst.asp>) and IS-700: National Incident Management, An Introduction (<http://training.fema.gov/EMLweb/IS/is700alst.asp>) during BFFA 063A Academy.

Lecture Units

6.75

Lecture Semester Hours

121

Lab Units

3.50

Lab Semester Hours

197

In-class Hours

318

Out-of-class Hours

242

Total Course Units

10.25

Total Semester Hours

560

Override Description

Hours mandated by California State Fire Marshals/State Fire Training Office

Prerequisite Course(s)

EMT 084, FIRE 001 or FILE 001A & FIRE 001B; Corequisite: CSFM 070 or previous completion Corequisite: KINE 037 or previous completion Advisory: ENG 061

Limitation on Enrollment

Successful completion of a Certified Physical Ability Test (CPAT) or BIDDLE test within one year prior to the start of the Fire Academy. KINE 037 may be substituted for this requirement. Students must complete a mandatory respiratory examination (FIT) test before using the SCBA equipment. Safety gear and SCBA will be required of all students. Complete IS-100: Introduction to the Incident Command System (<http://training.fema.gov/EMLweb/IS/is100lst.asp>) and IS-700: National Incident Management, An Introduction (<http://training.fema.gov/EMLweb/IS/is700alst.asp>) during BFFA 063A Academy.

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

Book

Open Educational Resource

Yes

Author

International Association of Fire Chiefs (IAFF) and the National Fire Protection Association (NFPA)

Title

Fundamental of Firefighter Skills and Hazardous Materials Response, w/ On-Line Advantage Access

Edition

4th

Publisher

Jones and Bartlett

Year

2018

College Level

Yes

Flesch-Kincaid Level

12

ISBN #

978-1-284-15133-6

Resource Type

Book

Open Educational Resource

Yes

Author

Teie, William C.

Title

Firefighter's Handbook on Wildland Firefighting Strategy, Tactics and Safety

Edition

Fourth

Publisher

International Fire Service Training Association (IFSTA)

Year

2018

College Level

Yes

ISBN #

978-0-87939-676-3

Resource Type

Web/Other

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

Resource Type

Web/Other

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

Resource Type

Book (Recommended)

Open Educational Resource

No

Author

California Department of Forestry and Fire Protection

Title

Wildland Urban Interface Operating Principles

Edition

First

Publisher

CAL FIRE

Year

2014

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

Meet the requirements for certification as an EMT I

Requisite Course Objectives

EMT 084-Meet the requirements necessary to sit for the National Registry Written Examination

Entrance Skills

Identify the basic components of fire as a chemical reaction, the major phases of fire, and the main factors that influence fire spread and fire behavior

Requisite Course Objectives

FIRE 001-Analyze the basic components of fire as a chemical reaction, the major phases of fire, and the main factors that influence fire spread and fire behavior.

Entrance Skills

Identify the types of common fire department apparatus, equipment, and personal safety equipment used for fire fighting

Requisite Course Objectives

FIRE 001-Identify the various types of public and private fire protection equipment and systems.

Entrance Skills

Advisory Skills:

Write organized summaries and responses to readings

Requisite Course Objectives

ENG 061-Demonstrate the ability to think critically and express ideas using various patterns of development.

ENG 061-Demonstrate the ability to use research skills including library resources such as books, periodicals, electronic databases and online resources such as the internet.

ENG 061-Demonstrate the ability to read and respond in writing beyond the literal interpretation of the text.

Entrance Skills

Ability to perform physically demanding and arduous tasks with physical flexibility for extended periods during performance of the career path duties.

Requisite Course Objectives

KINE 037-Apply principles of fitness within the realm of the public safety academies.

KINE 037-Evaluate personal fitness levels.

KINE 037-Develop cardiorespiratory endurance to improve stamina for overall body conditioning.

KINE 037-Increase muscular endurance through specialized training to improve strength for careers in the public safety academy.

Course Content**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 5-20: 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)

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

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

	Objectives
Objective 1	Define common terms used in the fire service.
Objective 2	Describe the unity and chain of command
Objective 3	Describe how the Incident Command System structure expands (mobilizes) or contracts (demobilize) to meet the needs of the incident or event.
Objective 4	Describe and ICS organization appropriate to a small incident using and Incident Briefing Form.
Objective 5	Describe the need for proper incident resource management.
Objective 6	Describe three resource status conditions used at an incident, and the purpose and limits associated with each

Objective 7	List actions to be accomplished prior to leaving for an incident or event
Objective 8	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).
Objective 9	Recognize a Haz Mat event through basic clues, warning signs, placards, labels, shipping manifests, and Material Safety Data sheets
Objective 10	Explain first Responder Awareness actions, citing the need for safety, isolating/denying entry, and making notifications and contacts to mitigate a Haz Mat incident.
Objective 11	Describe the safe approach tactic upon recognition of a Haz Mat event.
Objective 12	Describe the purpose and need to safely initiate command.
Objective 13	Describe proper protective action options available to first responders, within their capabilities and resources
Objective 14	Develop pre-plans for handling emergency trench rescues.
Objective 15	Define the roles and functions of personnel working on rescue teams
Objective 16	Recognize hazards surrounding the rescue scene.
Objective 17	List common confined space hazards
Objective 18	Recognize equipment used in confined space operations.
Objective 19	Describe common confined space rescue procedures
Objective 20	Demonstrate Proper procedure for removal of a trapped victim or firefighter.
Objective 21	Identify points required to size-up a scene
Objective 22	Recognize Safety factors of working around automobiles.
Objective 23	Demonstrate automobile stabilization.
Objective 24	Demonstrate proper use of hand tools
Objective 25	Properly utilize the hydraulic and pneumatic tools.
Objective 26	Demonstrate proper victim stabilization and removal.
Objective 27	Identify the types and uses of fire hose used in the fire service.
Objective 28	Demonstrate the proper deployment of fire hose and the various hose loads used on fire apparatus.
Objective 29	Identify the components of ground ladders used in the fire service.
Objective 30	Demonstrate maintenance, lifting, carrying, raising and extending of ground ladders.
Objective 31	Identify the components of a Self Contained Breathing Apparatus.
Objective 32	Demonstrate proper donning and doffing of a Self Contained Breathing Apparatus.

Student Learning Outcomes

Upon satisfactory completion of this course, students will be able to:

Outcome 1	Describe the mobilization and demobilization of the Incident Command System structure.
Outcome 2	Demonstrate proper methods/use of hand tools and power tools.
Outcome 3	Exhibit the roles and functions of a personnel working on rescue teams.
Outcome 4	Demonstrate the procedure for removal and stabilization of a firefighters and trapped victim.
Outcome 5	Evaluate fire scenes and determine the use of interior or exterior fire attack methods involving buildings.
Outcome 6	Recognize all aspects of hazardous materials (Haz Mat) including First Responder Operations and Emergency Decon
Outcome 7	Demonstrate proper methods of deploying structural firefighting equipment that includes ground ladders, hose deployment and ventilation techniques.
Outcome 8	Demonstrate the proper use of ropes for the use of rescue and tool equipment hoisting
Outcome 9	Identify and describe common sources and impacts of stress and demonstrate practices that contribute to resilience.
Outcome 10	Describe the types, prevalence of, and common causes of cancer in the fire service; describe exposure to carcinogenic chemicals; and demonstrate best practices to minimize exposure and risk.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
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.
Discussion	Students are continually encouraged to discuss the subject matter within their squads and Class as a whole.
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.
Other (Specify)	<ol style="list-style-type: none"> 1. Presenting videos/films/slides/audio tapes designed to assist students with understanding course material through audio and visual examples. 2. Reports and papers designed to engage students in analytical thought and putting these thoughts into writing. 3. Handouts designed to add depth to discussion topics through current professionals such as emergency medical and law enforcement employees. 4. Individual conferences designed to assist the student with understanding how they are performing overall in the sixteen week academy. 5. Guest lecturers designed to enhance the student experience with additional subject matter experts.

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 one research paper 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	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 Class Only
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 ion 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 general 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 - Students are encouraged to spend out of class time with their classmates, i.e. squad study groups, physical fitness training etc.
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

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

Allow Audit

No

Repeatability

No

Materials Fee

Yes

Total Material Fees

\$465

Itemized Material Fee List

Cost Per Item	Total Cost	Fee Description
\$75.00	\$375.00	Certificate Fee - CSFM Fire Service Training & Education System (FSTEP)
\$45.00	\$90.00	Helmet Suspension and Helmet Shield

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 by Fire Academy staff under required testing platforms and skills demonstrations for Certificate (Diploma) issuance. Helmet suspension required for personal hygiene health and safety of student. Helmet Shield required for student identification affixed to helmet.

Tangible personal property?

Yes

Owned or controlled by the student?

Yes

Solely available from the district?

Yes

Continuing value outside the classroom setting?

Yes - Student will generally need certificates issued for employment opportunities. Continued use of the helmet liner is due to hygienic concerns due to the nature of the career field and excessive physical activity required.

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

5/26/2020

Course Control Number

CCC000616850

Programs referencing this course

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