FT R074: PROFESSIONAL TRAINING AND CONTINUING EDUCATION FOR FIRE SERVICE PERSONNEL

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College
Oxnard College

Attach Support Documentation (as needed)
ARC Course Outline Professional Training for Fire Service Personnel.docx
362A.pdf
Fire Technology 233 2018SU.pdf
ISAPROCESS.pdf
FT R074 - City of Oxnard Agreement.pdf

Discipline (CB01A)
FT - Fire Technology

Course Number (CB01B)
R074

Course Title (CB02)
Professional Training and Continuing Education for Fire Service Personnel

Banner/Short Title
Professional Training for Fire

Credit Type
Credit

Honors
No

Start Term
Fall 2021

Catalog Course Description
This in-service fire training course updates, improves, and assesses the knowledge, skills, and abilities of fire crews. This course provides current knowledge and techniques needed to maintain and improve fire service skills. Topics may include fire service administration, suppression, emergency medical services, fire prevention, wellness and fitness, rescue, leadership/management, and command and control. During the course students complete Emergency Medical Technician (EMT)-1 re-certification and wildland/urban interface training. Other topics include hazardous materials, weapons of mass destruction, Motor Vehicle Incident (MVI) Mass Casualty Incident (MCI) training, Aircraft Rescue Firefighting (ARFF), and incident command position responsibilities. This course satisfies annual mandatory continuing education requirements of local Fire Agencies, Ventura County Health Department, the California State Fire Marshals Office, and appropriate sections of the California Code of Regulations.

Taxonomy of Programs (TOP) Code (CB03)
2133.00 - *Fire Technology

Course Credit Status (CB04)
C (Credit - Not Degree Applicable)

Course Transfer Status (CB05) (select one only)
C (Not transferable)

Course Basic Skills Status (CB08)
N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)
C - Clearly Occupational

Course Cooperative Work Experience Education Status (CB10)
N - Is Not Part of a Cooperative Work Experience Education Program

Course Classification Status (CB11)
Y - Credit Course

Educational Assistance Class Instruction (Approved Special Class) (CB13)
N - The Course is Not an Approved Special Class

Course Prior to Transfer Level (CB21)
Y - Not Applicable

Course Noncredit Category (CB22)
Y - Credit Course

Funding Agency Category (CB23)
Y - Not Applicable (Funding Not Used)

Course Program Status (CB24)
2 - Not Program Applicable

General Education Status (CB25)
Y - Not Applicable

Support Course Status (CB26)
N - Course is not a support course

Field trips
May be required

Faculty notes on field trips; include possible destinations or other pertinent information
Trips to fire agency facilities.

Grading method
Pass/No Pass Grading

Alternate grading methods
Credit by exam, license, etc.

Does this course require an instructional materials fee?
No

Repeatable for Credit
No

Is this course part of a family?
No

Units and Hours

Carnegie Unit Override
No

In-Class

Lecture
Minimum Contact/In-Class Lecture Hours
87.5

Maximum Contact/In-Class Lecture Hours
87.5

Activity

Laboratory
Minimum Contact/In-Class Laboratory Hours
157.5
Maximum Contact/In-Class Laboratory Hours
157.5

Total in-Class

Total in-Class
Total Minimum Contact/In-Class Hours
245
Total Maximum Contact/In-Class Hours
245

Outside-of-Class

Internship/Cooperative Work Experience

Paid

Unpaid

Total Outside-of-Class

Total Outside-of-Class
Minimum Outside-of-Class Hours
175
Maximum Outside-of-Class Hours
175

Total Student Learning

Total Student Learning
Total Minimum Student Learning Hours
420
Total Maximum Student Learning Hours
420

Minimum Units (CB07)
8
Maximum Units (CB06)
8

Prerequisites
FT R170 or equivalent

Entrance Skills

Entrance Skills

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 firefighter training that builds upon them. These minimum knowledge and skill levels are regarding:
- Firefighter safety
-Pertinent Vehicle, and Health & Safety codes
-Don and use SCBA and PASS device, emergency procedure for SCBA failure
-Determination of air supply in a hazardous atmosphere
-Safe mounting and dismounting of apparatus

-Establish and mark hot zone around electrical hazard
-Knowledge of all firefighting personal protective equipment hand and eye protection
-Knowledge of all firefighting tools and equipment, ladders, and hose including appropriate selection, carry, and use of each type across all types of emergencies
-Horizontal and vertical ventilation on a structure
-Fuel types, precautions, and suppression method(s)
-Attack technique for a passenger car fire
-Attack technique for an interior structure fire
-Appropriate use of class A, B, and C fire extinguishers
-Structure search and rescue including conscious and unconscious victim removal
-Rescue knots such as bowline, clove hitch, figure eight on a bight, half hitch, Becket, and safety knots
-Radio procedures
-Effective verbal communication used in fire fighting
-Salvage and overhaul
-Proper first responder CPR & first aid

Successful completion of a California State Fire Marshal's Office Accredited Firefighter 1 Academy or equivalent as determined by the Division Dean, Director or their representative. Note: Approval of equivalency training approval is not a guarantee of state regulatory or licensing agencies will also grant equivalency.
Prior to beginning this course students shall be familiar with and be able to demonstrate all of the skill and general knowledge requirements of the California State Fire Marshals' Office 2001, 2013 or 2019 Firefighter 1 curriculum or IFSAC or PROBOARD Firefighter I curriculum. This curriculum is based on the National Fire Protection Association 1001: Standard for Firefighter Professional Qualifications, National Fire Protection 1051: Standard for Wildland Firefighting Personnel Professional Qualifications and the National Fire Protection Association 472: Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents. These skills will not be taught in this course; rather they will be the starting point for advanced training that build upon them. These subject areas are: Knowledge of Fire Fighter Safety, have the ability to don and doff personal protective ensemble and self-contained breathing apparatus; knowledge of, and familiarity with fire apparatus and operating at an emergency scene; knowledge of, and familiarity with fire department communications equipment; knowledge and familiarity with firefighting tools and equipment; knowledge of and familiarity with structural fire suppression methods; knowledge of and familiarity with firefighting apparatus; knowledge of and familiarity with firefighter survival self-rescue techniques as well as downed firefighter rescue techniques; knowledge of and familiarity with passenger vehicle fires and the hazards associated with them; knowledge and familiarity with wildland response and suppression methods, have the ability to don and doff wildland personal protective equipment and know it's limitations; knowledge and familiarity with Hazardous Materials and Weapons of Mass Destruction Incidents.

Requisite Justification

Requisite Type

Prerequisite

Requisite

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 firefighter training that builds upon them. These minimum knowledge and skill levels are regarding:

- Firefighter safety
-Pertinent Vehicle, and Health & Safety codes
-Don and use SCBA and PASS device, emergency procedure for SCBA failure
-Determination of air supply in a hazardous atmosphere
-Safe mounting and dismounting of apparatus
-Establish and mark hot zone around electrical hazard
-Knowledge of all firefighting personal protective equipment hand and eye protection
-Knowledge of all firefighting tools and equipment, ladders, and hose including appropriate selection, carry, and use of each type across all types of emergencies
-Horizontal and vertical ventilation on a structure
-Fuel types, precautions, and suppression method(s)
-Attack technique for a passenger car fire
-Attack technique for an interior structure fire
-Appropriate use of class A, B, and C fire extinguishers
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Requisite Description

Certificate of completion or certificate of competency requisite (noncredit only)

Level of Scrutiny/Justification

Closely related lecture/laboratory course

Student Learning Outcomes (CSLOs)

	Upon satisfactory completion of the course, students will be able to:
1	Describe the responsibilities of the various positions during a major fire or emergency incident.
2	Apply the appropriate strategy and tactics that will address the following incident priorities: 1) life safety, 2) incident stabilization and 3) property conservation.
3	Manage and mitigate all hazards with in the individual's fire proteciton agency.
4	Describe and apply the appropriate emergency medical treatment protocol for a given patient scenario as per Ventura County EMS.
5	Apply the physical skills to perform various job related tasks required by the individual's fire protection agency.
6	Discuss technology advances and revisions to regulations and laws as they apply to the specific fire agency.
7	Demonstrate the proper psychomotor skills and cognitive reasoning ability necessary to perform all job related tasks
8	Apply current industry best practices relative to modern fire protection and technology techniques within the scope of employment.

Course Objectives

	Upon satisfactory completion of the course, students will be able to:
1	Plan a course of action to mitigate hazards in various types of fires.
2	Demonstrate proper extinguisher techniques using appropriate extinguishing agents on various fires.
3	Determine proper procedures and techniques of overhaul and salvage at fire incidents.
4	Choose proper procedures for emergency medical response including mass casualty/multiple victim incidents.
5	Demonstrate the operation, inspection, and maintenance of breathing apparatus.
6	Demonstrate the operation, inspection, and maintenance of hoses, ladders, driver/operator apparatus, and emergency medical response equipment.

7	Identify explosives and incendiary devices.
8	Inspect alarms, sprinklers, and other fire protection systems.
9	Manage hazardous materials using safety precautions.
10	Assess dangers of vehicle air bags to rescuers.
11	Demonstrate proper search and rescue techniques in swift water and confined space operations.
12	Differentiate among types of webbing and knots.
13	Formulate a course of action to respond to an aircraft firefighting emergency.
14	Describe and discuss the various policies and procedure within the fire agency organization.
15	Operate fire department computer and related software.
16	Analyze various laws and legal issues affecting the fire service.
17	Identify the latest techniques to manage and supervise employees.
18	Operate various hose lays on the fire ground.
19	Calculate various mathematical hydraulic formulas to ensure proper engine pressures.
20	Operate aerial apparatus for different fire ground and rescue situations.
21	Perform various truck company evolution's.
22	Describe the different approaches and techniques used in extrication.
23	Employ the various types of ventilation used in the fire service.
24	Describe how to secure utilities at different types of structures.
25	Describe the benefits of a post incident analysis as they might relate to firefighter safety.
26	Describe the basics of fire behavior.
27	Discuss the different techniques used to control wild land fires.
28	Discuss the different techniques used to control fire involving high rise buildings.
29	Recognize different medical problems through the use of a patient assessment.
30	Identify the various types of medical emergencies a firefighter may encounter.
31	Apply different treatment techniques used to treat patients.
32	Interpret the local protocols and procedures identified with in the EMS service area.
33	Identify the legal responsibilities of a emergency medical provider.
34	Demonstrate CPR.
35	Discuss the use of the incident command system as it applies to multi-casualty incidents.
36	Define blood borne pathogens and identify ways to protect oneself from them.
37	Identify the correct personnel protective equipment use at various incidents.
38	Demonstrate self-contained breathing apparatus procedures.
39	Demonstrate the use of other specialized equipment utilized in the fire service: saws, lighting, hand tools, etc.
40	Express knowledge of the periodic table.
41	Identify level of protective clothing for hazardous materials at entry.
42	Apply current laws and regulations pertaining to hazardous materials.
43	Identify category types relating to weapons of mass destruction.
44	Conduct search and rescue techniques.
45	Apply a Rapid Intervention Crew (RIC), RIC requirements, and develop a RIC plan.
46	Describe the steps associated with pump operations and water flow.
47	Identify five (5) apparatus types used in the fire service.
48	Apply tiller operations and truck positioning techniques.
49	Apply defensive driving skills and Emergency Vehicle Operations Control capabilities.
50	Explain general staff sections in the Incident Command System.
51	Identify the various ways that resources can be acquired and coordinated.
52	Explain status reports using the Conditions/Actions/Needs model of field reporting.
53	Compare the relative effectiveness of different types of fire department connections and systems.
54	Compare and contrast the differences between the various stages of fire.

55	Apply different search and rescue techniques used to search structures.
56	Employ skill and knowledge in technical rescue procedures.
57	Explain the various type of techniques used to ensure firefighter safety and survival.
58	Describe command and control as it applies to an incident including the command and general staff positions.

Course Content

Lecture/Course Content

The following topics are included in the framework of the course but are not intended as limits on content. The order of presentation and relative emphasis will vary with each instructor.

1. Review of standard safety practices
2. Required annual certifications and protocol updates
3. Trends as they apply to the fire protection system
4. Care and maintenance of equipment
    a. Hoses
    b. Nozzles
    c. Appliances
    d. Portable fire extinguishers
5. Search and rescue techniques
    a. 2 in/2 out"
    b. Firefighter safety and survival
    c. Terminology
    d. Safety considerations
    e. Salvage and overhaul utilities
    f. Techniques
    g. Utilities
    h. Ventilation
    i. Roof construction
    j. Use of ladders, ventilation equipment, tools, and hot gas/smoke removal devices
    k. Safety considerations
    l. Forcible entry
    m. Power tools
6. Personal safety and communications
    a. Safety clothing
    b. Emergency communication devices
    c. Fire team cooperation
    d. Employee Illness Injury Prevention Program
    e. Tailboard safety
7. Ropes, knots, and webbing
    a. Terminology
    b. Care, inspection, and maintenance
    c. Uses and types
8. Hose lays
    a. Evolution's
    b. Operation
    c. Inspection
    d. Maintenance
9. Ladders evolutions
    a. Operation
    b. Inspection
    c. Maintenance
10. Self-Contained Breathing Apparatus (SCBA) Review
    a. Nomenclature
    b. Operation
    c. Inspection
    d. Maintenance
11. Africanized honey bees: safety procedures and equipment

   a. Protective clothing
   b. Foam sprays
   c. Crew safety
12. Fire protection systems
   a. Alarms
   b. Sprinkler inspections
13. Vehicle extrication
   a. Cutting and prying tools
   b. Dangers of air bags to rescuers
14. Bombs, arson, hazardous material, and bloodborne pathogens
   a. Recognition of explosives and incendiary devices
   b. Scene security and preservation of evidence
   c. Interface with police department
   d. Hazardous materials management
   e. Potentially contaminated materials
   f. Mitigation of ammonia system emergencies
15. Sexual harassment, workplace violence, equity and diversity
   a. Lawful behavior
   b. Departmental standards
   c. Equity and diversity training
16. Command overview
   a. Standardized Emergency Management System (SEMS)
   b. Incident Command System
   c. Radio and electronic communication
   d. Incident simulations assessments
17. Adminstration & Management
   a. Station management
   b. Discipline
   c. Personnel issues
   d. Department communication
   e. Department manuals
   f. Appropriate use of computers and Internet
   g. Resource allocation
   h. Leadership and supervision training
   i. Harassment
   j. Injury prevention and safety
   k. OSHA
   l. Employee Relations
   m. Policy
   n. Record Management
   o. Mapping
18. Fire prevention
   a. Protocols
   b. Ordinances
   c. Inspections
19. Driver operator
   a. Pre-trip and proper inspection of apparatus
   b. Truck operations
   c. Defensive driving techniques
   d. Pumping operations
20. Pre-incident planning
   a. Hazards targeting
   b. Preparation of strategies and tactics
   c. Fire Company Inspection Program
21. Live fire training
   a. Fire suppression techniques
   b. Nozzle use
   c. Interior operations

22. Water supply techniques
    a. Fire Department Connection (FDC)
    b. Standpipe connections
    c. Water system
23. Salvage, overhaul, and electrical needs
    a. Salvage techniques
    b. Overhaul considerations
    c. Electrical and generator use
    d. Lighting
24. Emergency Medical Services (EMS)
    a. Safety precautions
    b. Basic life support
    c. Anatomy and physiology
    d. Patient evaluation
    e. Triage
    f. Burns
    g. Environmental emergencies
    h. Emergency childbirth
    i. Unconscious states
    j. Soft tissue injuries
    k. Fractures
    l. Dislocations
    m. Proper documentation
    n. Defibrillator training
        i. Fire/marine EMS rescue
            1. Care for drowning victims
            2. Hypothermia care
            3. Cardiopulmonary Resuscitation (CPR) in the water
            4. Open wanter rescue
25. Fire ground operations
    a. Tactics
    b. Strategies
    c. Accountability
    d. MVI/MCI
26. Emergency building shoring
    a. Bracing
    b. Shoring
    c. Cribbing
27. Moving heavy objects
    a. Operation
        i. Guides
        ii. Policies
        iii. Procedures
            1. Equipment
                a. Hydraulic equipment
                b. Pneumatic tools
                c. Shores
                d. Cribbing
28. Wildland training
    a. Weather conditions
    b. Topography
    c. Multiple suppression resource coordination
    d. Escape and safety techniques
    e. Equipment
    f. Fire behavior
    g. Wildland Urban Interface (WUI)
29. Specialized rescue techniques
    a. Hazardous materials
    b. Confined space

   c. Trench rescue
   d. Swiftwater rescue
   e. Heavy rescue
   f. Weapons of mass destruction
   g. Single resource training
30. Safety training
   a. Morning briefing
   b. Pre-incident walkthrough
   c. After-incident walkthrough
   d. After action review
31. Physical fitness
   a. Conditioning
   b. Stretching
   c. Cardiovascular training
   d. Weight lifting
32. ARFF (aircraft rescue fire fighting)
   a. Adaption and use of structural firefighting equipment
   b. ARFF first aid
   c. Aircraft cargo hazards
   d. Airport familiarization
   e. Aircraft familiarization
   f. Aircraft live fire training
   g. Application of extinguishing agents
   h. ARFF firefighting operations
   i. Emergency aircraft evacuation assistance
   j. Emergency communications systems on the airport
   k. Airport emergency plan firefighting duties
   l. ARFF rescue and firefighter personnel safety
      i. Equipment utilization
         1. Hoses
         2. Nozzles
         3. Turrets
         4. ARFF vehicle use and operation
33. Administrative: Policy and procedure review
   a. Computer Training
   b. Management/Supervision Training
   c. Legal Issues
   d. Employee Development
   e. Report Writing
   f. Other
34. Discuss technology advances and revisions to regulations and laws as they apply to the specific fire agency.

Laboratory or Activity Content

1. Introduction
2. Assessment to Determine Degradation of Skills
3. Skills Practice to Maintain Proficiency
4. Skill development in new technology
5. Required annual certifications and protocol updates
6. Relationship of operational positions and responsibilities
7. Hose lay skills practice
   a. Preconnect
   b. Single forward/dual reverse
8. Ladders skills practice
   a. 14' one person
   b. 24' two person
   c. 35' three person
9. Personal protective equipment skills practice

   a. Donning
   b. Doffing
   c. Troubleshooting
   d. Changing cylinders
10. Specialized rescue skills techniques
   a. Hazardous materials
   b. Confined space
   c. Trench rescue
   d. Swiftwater rescue
   e. Heavy rescue
   f. Weapons of mass destruction
   g. Single resource training
   h. Search and rescue
   i. Rapid intervention crew operations
   j. Technical rescue
11. Wildland skills training
   a. Escape and safety techniques
   b. Use of equipment
   c. Wildland Urban Interface (WUI)
   d. Mobile fire attack
   e. Progressive hose lay
   f. Fire shelter deployment
   g. PPE
   h. Navigation
12. Engine Operations: Hose lays
   a. Master streams
   b. Hydraulics
   c. Handline operations
   d. Search and rescue
   e. Other
13. Truck Operations / Functions: Aerial operations
   a. Evolutions
   b. Ladders, ground
   c. Extrications
   d. Ventilation
   e. Search & Rescue
   f. Utilities
   g. Salvage
   h. Overhaul
   i. Other
14. Fire Control: Firefighter safety a survival
   a. Strategy and Tactics
   b. Structural firefighting
   c. High rise
   d. Wildland
   e. Aviation
   f. Other Emergencies
15. Specialized Equipment:
   a. Saws
   b. Lighting
   c. Large diameter hose detectors/monitors
   d. Other
16. Hazardous Materials: First Responder Operational continuing education
    Equipment and Clothing
   a. First Responder Operational Decon
   b. Tech/Spec continuing education
   c. Weapon of Mass Destruction
      Other

17. Apparatus Operations: Defensive driving
    Code 3 operations
    a. Emergency vehicle operations control
    b. Tiller operations
    c. Pump Operations
    d. Pump hydraulics
    e. Water tender
    f. Type 1 operations
    g. Type 2 operations
    h. Type 3 operations
    i. Squad operations
    j. Specialty apparatus operations
    k. Vehicle inspection and safety
    l. Hose
    m. Driving
    n. Safety
18. Command and Control Simulations
    a. Incident Command System (ICS)
    b. Emergency scene operations
    c. Multi-Casualty Incidents (MCI)
19. Fire Prevention: Inspection program
    a. Inspection techniques
    b. Investigation techniques
    c. Building Construction
    d. Fire Protection System and Alarms
    e. Public Education
    f. Target Hazard evaluations
20. Pre-Fire Planning: Targets hazards
    Mapping
21. Emergency Medical
    a. CPR
    b. AED/Defibrillator
    c. Trauma
    d. Medical
22. Public Education and Fire Prevention
    a. School Programs
    b. Inspections
    c. Junior Firefighter
    d. Preplan buildings
23. Apply the physical skills to perform various job related tasks required by the individual's fire protection agency.
24. Given a simulated incident scenario, apply the appropriate strategy and tactics that will address the following incident priorities: 1) life safety, 2) incident stabilization and 3) property conservation.

Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Problem solving exercises
Skills demonstrations
Written expression

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Individual projects
Laboratory activities
Laboratory reports
Objective exams
Oral presentations
Quizzes
Reports/papers
Skills demonstrations

Skill tests
Simulations

Instructional Methodology

Specify the methods of instruction that may be employed in this course

Audio-visual presentations
Computer-aided presentations
Collaborative group work
Class activities
Class discussions
Case studies
Demonstrations
Field trips
Group discussions
Guest speakers
Laboratory activities
Lecture
Role-playing
Small group activities

Describe specific examples of the methods the instructor will use:

1. Discussion example: Discuss standard operating procedures and standard operating guidlines for diffenenty types of incidents.
2. Critical incident debrief example: Post a structure fire please analyze what went well, what could be improved upon and present the findings.
3. Demonstrate example: Demonstrate the use of a 24 foot ladder for rescue out of an elevated window.
4. Critique example: Critique the effective use of command and control techniques for a specific type of emergency incident case study.
5. Lecture example: Instructor will lecture on Required annual certifications and protocol updates.

Representative Course Assignments

Writing Assignments

Writing assignments are required and may include, but are not limited to, the following:

1. Written firefighting, rescue, and prevention plans for simulated emergency incidents, such as a course of action plan for mitigating hazards in wildland fires.
2. Emergency medical response and care documentation.
3. Written evaluations and reports using professional nomenclature and specifications.
4. Training reports and evaluations.

Critical Thinking Assignments

These would vary by t opic and would include exercises analysis and evaluation of information related to the topic or issue.Critical thinking assignment examples may include, but are not limited to, the following:

1. Evaluate, assess and triage structures in the Wildland Urban Interface.
2. Evaluate, assess, size-up and make cammand decicions for the folloiwng types of incidents:
    a. Structure fires
        i. Residential
        ii. Commercial
    b. Wildland fires
    c. Highrise fires
    d. Hazmat incidents
    e. Vehicle fires
    f. Vehicle extications
    g. Multi casualty incidents
    h. Ship board fires
3. Assess emergency medical incidents by conducting patient assessemnts and formulating patient assessment plans.

Reading Assignments

Reading assignments are required and may include, but are not limited to, the following:

1. Course text(s).
2. Supplemental readings from professional reference texts, such as those published by the International Fire Service Training Association (IFSTA) and the National Fire Protection Association (NFPA).
3. Articles from trade magazines, such as Fire House, Fire Command, or Fire Engineering.
4. Specific reading assign ments from fire agenices manuals.

Skills Demonstrations

Skills demonstrations are required and may include, but are not limited to, the following:

1. Deploying fire attack hose on structure fires
2. Deploying ladders on a structure fire
3. Extinguishing wildland fires
4. Extinguishing vehicle fires
5. Conducitng fire ground hydraulic calculations
6. Roll play as part of a command team on different types of incidents
7. Demonstrate how to properly conduct a fire inspection

Other assignments (if applicable)

Practice of degraded skills.

Outside Assignments

Representative Outside Assignments

Outside assignments may include, but are not limited to, the following:

1. Completing reading and writing assignments.
2. Preparing for exams.
3. Practicing manipulative skills, such as tying the 14 required knots.

Articulation

Equivalent Courses at other CCCs

College	Course ID	Course Title	Units
SAN DIEGO COMMUNITY COLLEGE DISTRICT MIRAMAR COLLEGE	Fire Protection Technology 362A	In-service Fire Training Modules	4
American River College Los Rios Community College District	FIRE 1723	Professional Training for Fire Service Personnel	7.50-9.75
Fresno City College	Fire Technology 233	Advanced Firefighter Continuing Education	0.4-1

Textbooks and Lab Manuals

Resource Type

Textbook

Classic Textbook

No

Description

Diamantes, David. Fire Prevention: Inspection and Code Enforcement, 4th ed. CreateSpace, 2015,
ISBN: 9781508481171

Resource Type

Textbook

Classic Textbook

No

Description

National Fire Protection Association (NFPA). Fire Protection Handbook, 20th ed. Author, 2008,
ISBN: 9780877657583

Primary Minimum Qualification
FIRE TECHNOLOGY

Additional Minimum Qualifications

Minimum Qualifications
Emergency Medical Technologies

Review and Approval Dates

Department Chair
09/17/2020

Dean
09/17/2020

Technical Review
09/23/2020

Curriculum Committee
09/23/2020

DTRW-I
10/08/2020

Curriculum Committee
10/14/2020

Board
11/10/2020

CCCCO
MM/DD/YYYY

DOE/accreditation approval date
MM/DD/YYYY