



FIRE SERVICES TRAINING INSTITUTE

3RD EDITION

VOLUNTEER FIRE FIGHTER TRAINING SYLLABUS

Roberta Macintyre & Michael S. Williams

Published by
**Fire Services Training Institute
PO Box 550
Santa Barbara, CA 93116
888-977-1635**



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PO Box 550
Santa Barbara, CA 93116
888-977-1635
805-967-6727 fax
cafsti.net

Authors:	Roberta Macintyre and Michael S. Williams
Foreword:	Ronny J. Coleman
Editors:	John Knoerle and Carol Windover
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This publication is designed to provide accurate and authoritative information in regard to the subject matter covered. The Fire Fighter 1 program is a work in progress. Various changes are anticipated throughout the state fire training program over the next several years. Readers are urged to consult with State Fire Training, agencies having jurisdiction regarding training, as well as their own legal counsel on matters of concern.

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**FROM THE DESK OF
RONNY J. COLEMAN**

November 11, 2014

Nothing is more fundamental to the safety of fire fighters than their basic training. No one would ever think of dispatching a soldier into combat without sending them to boot camp first. By the same token, no one should be asked to respond to the scene of a fire or other emergency without receiving adequate training on tools and equipment, risks, hazards and processes that ensure safety.

As Chair of the California State Firefighters' Association Volunteer Committee I am pleased to announce that we reviewed this Syllabus and found it to be both comprehensive and focused on one of our most significant training needs - Fire Fighter I training. The Volunteer Committee voted unanimously to endorse this project and recommends its adoption by local fire authorities.

The intent of this Syllabus is to provide a candidate fire fighter with an opportunity to acquire basic skills within a reasonable timeframe. This Syllabus focuses on a program that is based on NFPA 1001 standards and is consistent with the California State Fire Marshal's Fire Training Education Delivery System. It recognizes that on the fire ground there is no distinction between a person who is there because it is their full time job versus a person who is there as a volunteer. Both need to be adequately trained.

For many years the California fire service has not been a participant in the national certification process. Now the system is being realigned to use NFPA standards as our training platform. The State Fire Marshal's Office is seeking accreditation with national organizations for the actual certification process that will create reciprocity for those that obtain certification.

Volunteer fire fighters who complete this program should be adequately prepared to take the proposed third-party test to achieve certification if they so desire. Please note however that this Syllabus does not address the process of certification. You are urged to contact the State Fire Marshal's Office directly with certification questions.

This Syllabus supports training that provides a scheduled fundamental compliance that ultimately results in a candidate being exposed to all job performance requirements (JPR) necessary to function as a basic fire fighter today.

What this means to the fire chief is that using the minimum standards for training protects the community and the fire fighter against potential liability by meeting the spirit and intent of state and national job performance and safety regulations. However, this training system does not mandate that a person become certified - that is a personal choice. Nonetheless, those involved in this project are encouraging all fire fighters who complete the Fire Fighter I program to seek certification.

A handwritten signature in cursive script that reads "Ronny J. Coleman".

Ronny J. Coleman, Chairman
CSFA Volunteer Committee

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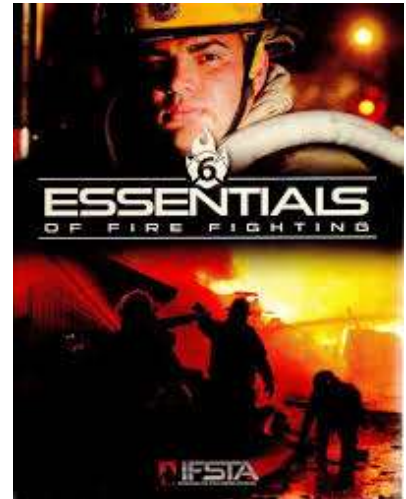
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INTRODUCTION

This is the 3rd Edition of the Volunteer Fire Fighter Training Syllabus. It contains significant updates and modifications and supersedes previous versions. It is a culmination of hundreds of hours of workshops throughout California, beta testing and information provided by current participants of FSTI's Project Trinity.

This Syllabus is designed for volunteer fire service personnel and personnel in related occupations that are pursuing standardized firefighting training. The material contained in this document was compiled and organized through the cooperative effort of numerous professionals within, and associated with the California fire service including the CSFA Volunteer Committee.



You will find that this document mirrors official documents from the California State Fire Marshal's Office, State Fire Training. It is the intent of this Syllabus to provide the reader with the very best information on how to achieve a successful fire fighter 1 training program consistent with their objectives.

ACKNOWLEDGMENTS

We gratefully acknowledge the following individuals who provided significant assistance in the production of this Syllabus:

Ronny J. Coleman
CSFA Volunteer Committee Chair

Tom Forster
Plumas Eureka Fire & Rescue

Mike Sturzenbecker
International Fire Service Training Association
Oklahoma State University

A grateful acknowledgement is extended to the following members of the California State Fire Marshal's Office - State Fire Training for their diligent efforts and contributions to the creation of this document.

Mike Richwine
Assistant State Fire Marshal

Ken Wagner
Deputy State Fire Marshal III (retired)

Rodney Slaughter
Deputy State Fire Marshal III

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We would also like to thank the following dedicated individuals who graciously assisted in the development and review of this document and beta testing of Project Trinity:

Dave Loeffler, Chief
Hayfork Fire Protection District

Wayne L. Eder, EFO, MBA, Training Chief
Scotts Valley Fire Protection District

CORPORATE SPONSOR



Farmers Insurance Group Safety Foundation has sponsored Project Trinity since 2008. The project provides textbooks, this Syllabus, workshops and the automated library portal at no charge to participating agencies and organizations who have signed a Memorandum of Agreement with FSTI. This agreement includes licensing and copyright authorizations with IFSTA and Jones and Bartlett.

In exchange, participants agree to provide training documents, statistical information, copies of policies and procedures, and in some cases access to facilities for FSTI workshops and marketing and educational assistance to Farmers Insurance.

Our acknowledgement is extended to the following Farmers Insurance employees for their generous support:

Brian Braddock
Ginger Tapert
Doris Dunn
Lisa Lohmann

CONCLUSION

The men and women of the volunteer fire service dedicate thousands of hours to training and service to their communities, risking their own health and safety in the process. These people do it for their communities with little recognition or compensation. Pride, honor, commitment, dedication and passion are alive and well within the volunteer fire service today. These are the principles on which this country was founded. This Syllabus is dedicated to the volunteer fire service and to those who strive to meet its standards and traditions.

A handwritten signature in black ink, appearing to read "R. Macintyre", on a light-colored background.

Roberta Macintyre

A handwritten signature in black ink, appearing to read "Michael S. Williams", on a light-colored background.

Michael S. Williams

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HISTORY

Following the publication of the “Fire Fighter I Career Development Guide” in March 1976, some volunteer fire chiefs expressed concern that the completion of all of the tasks might be beyond the financial and time capabilities of many volunteer fire departments. As a result of this concern, a California State Board of Fire Services ad hoc committee met to consider the feasibility of establishing a minimum standards program designed specifically for volunteer fire fighters. The volunteer program would be designed to be compatible with the Fire fighter-1 certification system so that a certified volunteer fire fighter could continue training and eventually become a certified Fire Fighter 1. Unfortunately the program never fully materialized.



Historically, a volunteer fire fighter would simply complete the California State Fire Marshal (CSFM) “Volunteer Fire Fighter Training Record” to be “certified” as a volunteer fire fighter in California. The certification program was last updated in 1977. Currently the program lacks the reference materials and supporting documentation necessary for proper completion to today’s standards and practices. Furthermore, the document does not sufficiently address the current volunteer fire fighter training needs and standards established by the “National Fire Protection Association - Standard for Fire Fighter Professional Qualifications (NFPA-1001).”



Currently, many volunteer fire departments still complete the tasks identified on the “California State Fire Training Volunteer Fire Fighter Training Record” rather than those identified on the “Fire Fighter I Training Record,” believing that this is the standard that will qualify them as a “fire fighter”.



In June of 2008, realizing that the completion of all of the tasks identified on the “Fire Fighter I Training Record” might be beyond the financial, time commitment and training capabilities of volunteer fire departments, the Sonoma County Department of Fire and Emergency Services and Santa Rosa Junior College formed a committee to create a volunteer fire fighter program to address the specific training needs of volunteer fire fighters. During this process the committee discovered that the need for standardized, performance-based training specifically tailored to the volunteer fire fighter was not only lacking in Sonoma County, but was lacking throughout California. Moreover, it became apparent that those training needs had existed as far back as 1976. It was clear that, to be successful locally, the document needed to be expanded statewide.

This Syllabus provides a volunteer fire department with a blueprint for training volunteer fire fighters to today’s standards. This program is built upon standards established by NFPA-1001, while at the same time accomplishing tasks required by the California State Fire Training for certification as a Fire fighter I and the intent of the “Blueprint 2020, California State Fire Training and Education Strategic Plan,” January 2008. Additional training will be required for certification at California Fire Fighter I level.

This Syllabus may be used in conjunction with the “California State Fire Training Fire Fighter I Capstone Task Book.”

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CERTIFICATION IMPLEMENTATION OF NEW CURRICULUM AND CERTIFICATION REQUIREMENTS



Effective January 1, 2014, California State Fire Training implemented new Fire Fighter I curriculum and certification requirements. The new curriculum will be phased into the California Fire Service Training and Education System. A new Certification Training Standards (CTS) and course plan has been developed based on current NFPA standards including NFPA-1001, Fire Fighter I Professional Qualifications, NFPA-1051, Wildland Fire Fighter I Professional Qualifications, NFPA-472, and Competencies for First Responder Operations, Hazardous Materials. All documents supporting the new Fire Fighter 1 requirements are available at <http://osfm.fire.ca.gov/training/firefighter2013.php>. California State Fire Training has identified the following “potential agency impacts:”¹

“Fire agencies utilizing Fire Fighter I Certification as a minimum qualification for recruitment need to review the new Fire Fighter I (2013) Curriculum to be sure that all agency training needs are being met. If not, the local agency may need to augment the curriculum at the local level. Fire agencies should also research and understand the new task book processing procedures.”

“Accredited Regional Training Programs (ARTP), Accredited Local Academies (ALA), community colleges and all other local delivery venues need to review the curriculum and seek approval from their curriculum committee/program sponsor, as appropriate. ARTPs should review the new Fire Fighter I (2013) curriculum and confer with their advisory committees to determine if the curriculum must be expanded to meet local needs. ARTPs and ALAs should insure they are prepared to conduct capstone testing and understand their role in the process.”

CALIFORNIA CERTIFICATION EXAMINATION AND NATIONAL RECOGNITION

In response to Blueprint 2020 and on-going Mission Alignment initiatives, State Fire Training is moving forward on two initiatives:

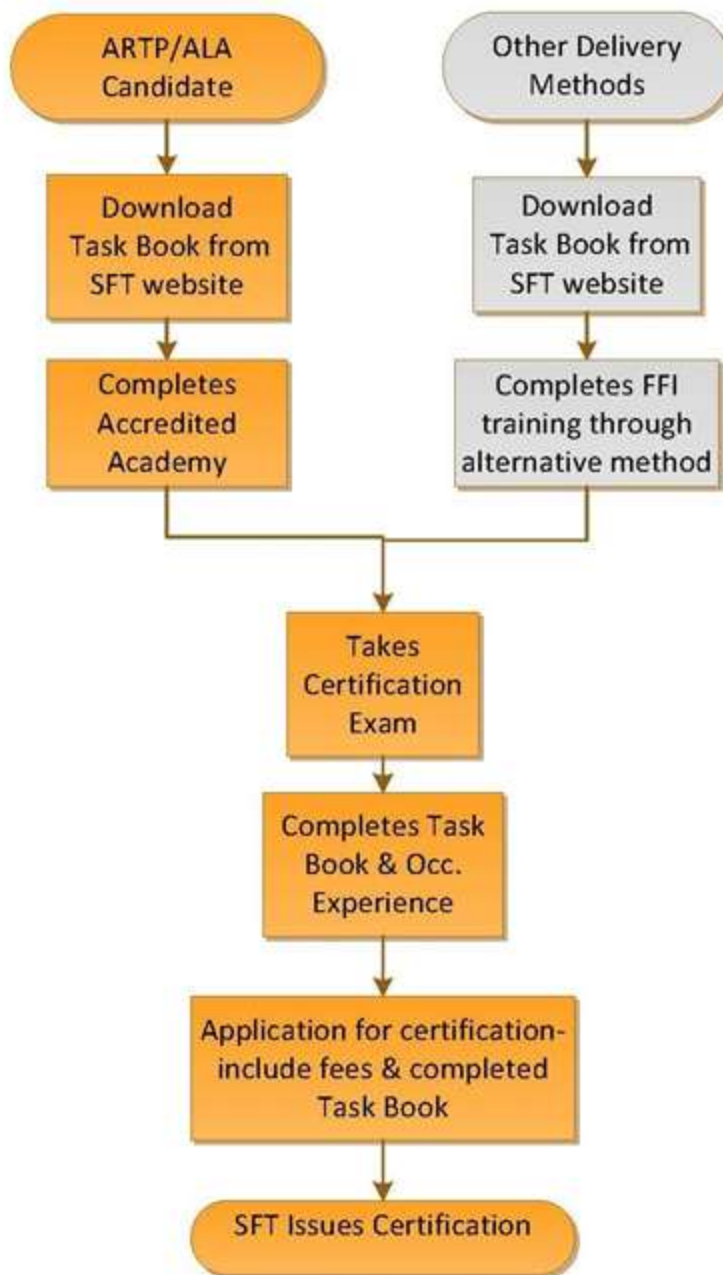
1. Implementation of written and skills certification examinations at all levels as curriculum is to meet current NFPA standards.
2. Accreditation by the International Fire Services Accreditation Congress (IFSAC) and the National Board of Fire Service Professional Qualifications (Pro-Board) would empower State Fire Training to issue national certification in addition to California certification. This process includes written examinations and skills testing.

On July 19, 2013, the Statewide Training and Education Advisory Committee (STEAC) discussed implementation of certification examinations, IFSAC and Pro Board certification and their associated costs. The State Board of Fire Services approved the initiatives on August 21, 2014.²

¹ Instructor I/II/III Certification, Implementation of New Curriculum and Certification Requirement, (June 1, 2014), California State Fire Training

² All meeting attachments available at <http://osfm.fire.ca.gov/boardfireservices/boardfireservices.php>

2013 Fire Fighter I Certification Track



Courtesy California State Fire Marshal

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THE VOLUNTEER FIRE FIGHTER TRAINING SYLLABUS

Today's volunteer fire fighter needs to know what must be studied and what skills are required in order to master the job of fire fighter. A fire fighter should be confident that any eventual testing will be based upon the topics and skills being studied. Fostering of individual confidence and initiative will be the most important accomplishment of this Syllabus.

The standardization of a volunteer fire fighter curriculum is a massive undertaking. It requires the commitment of numerous individuals and their departments throughout California. This Syllabus was developed to provide volunteer fire fighters with a guide that will lead them towards a base level of knowledge necessary to perform their job successfully and safely. Everyone involved in the development of this Syllabus has freely shared their expertise to create an updated and standardized curriculum that will benefit the fire fighter, the department and the community they serve.

This Syllabus is built upon the standards contained in NFPA 1001 (2013). It is designed to be used with the "6th Edition Essentials of Firefighting," International Fire Service Training Association's (IFSTA) Essentials of Fire Fighting Instructor Resource Kit or the Jones and Bartlett "Fire Fighter Skills, 2nd Edition" textbook and training program. It is directed towards training the volunteer fire fighter for structural firefighting. The text is based on the National Fire Protection Association standards for Fire Fighter I³. This Syllabus is also supported by the CSFA Volunteer Committee Training Portal that is available at no charge to member departments.

A summary of the NFPA 1001 Standard is included at the end of this Syllabus as a reference. This reference is meant to illustrate the relationships between the NFPA criteria and the California State Fire Training Volunteer Fire Fighter/Fire Fighter I training records.

This document recognizes and sets a standard for volunteer fire fighter training that can be used statewide. It also provides the foundation for the certification program adopted by the State Board of Fire Services and serves as a roadmap to lead a volunteer fire fighter from candidate to volunteer fire fighter and then on to Fire Fighter I. The program relies on tried-and-true training packages that provide measurable minimum performance standards. The validity and reliability of fire service examinations can be more easily defended when such measurable standards are utilized.

The tasks identified as the minimum that should be completed by a volunteer candidate are considered to meet or exceed the performance standards for a volunteer fire fighter as set by California State Fire Training. Moreover, the tasks identified are considered to at least meet the performance standards for the comparable tasks required for Fire Fighter I through the California State Fire Marshal's Office, State Fire Training. However, nothing in this guide shall restrict a local agency from requiring additional or more restrictive requirements for their individual department.



³ Ref. 2013 NFPA-1001 §3.3.4

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By using an “off-the-shelf” curriculum that may be customized to meet local needs – instructors have the ability to add additional information to meet training criteria specific to their organization. For each topic identified in the course outlines, a lesson plan that contains an estimated time frame, level of instruction, behavioral objectives, and materials needed, references, preparation statement and lesson content, is used to deliver instruction.

Safety is your first priority. A trainee must not be assigned to an incident until he/she is qualified as a trainee by the fire chief. To complete the training a career fire fighter must have at least six months of experience performing suppression duties. Volunteers are required to have one year of experience performing suppression duties.



FSTI LIBRARY PORTAL



To support the Project Trinity Fire Fighter 1 program, FSTI maintains a substantial automated library on our [website cafsti.net](http://www.cafsti.net).

In addition to the library, three sections of the website, “Table Talk with Ronny J. Coleman,” “The Briefing Room with Michael S. Williams” and “The Drawing Board with Dave Hubert” contain papers, reports, interviews and documents for downloading.

Membership is required in order to utilize these services. To gain access, enter the registration form from the top of the home page. Membership is at no charge and the registration information required is minimal.

Once you have become a member, access to the library portal, specialized web pages and the Los Angeles Area Fire Marshal’s site from the website front page Member Resources section are available at no charge.

Signup here

Access here

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COURSE DELIVERY

Key Definitions

Authorized Representative: An “Authorized Representative” is someone who has a current original letter written and signed by the fire chief on department letterhead identifying them as an authorized representative.

Capstone Task Book: The capstone task book must be completed for California State Fire Training Certification. A capstone task book identifies the minimum job performance requirements necessary to perform the duties of that certification. Completion of the task book verifies that the candidate has demonstrated the requisite knowledge and skills to obtain the certification.

Certification: The term "certification" is used to recognize an individual for having met approved professional standards by meeting certification prerequisites, experience requirements, completing a specific accredited course of study, and passing appropriate certification examinations.

Evaluator: An evaluator is any individual who verifies that the candidate can satisfactorily execute a job performance requirement. A qualified evaluator is designated by the candidate’s fire chief (or authorized designee) and shall possess the equivalent or higher-level certification. If no such evaluator is present within the organization, the fire chief (or authorized designee) shall designate an individual with more experience than the candidate and a demonstrated ability to execute the job performance requirements. A capstone task book may have more than one evaluator.

Fire Chief: An individual recognized as a fire chief by the authority having jurisdiction.

Local Instructor: An individual who has the qualifications and experience to provide instruction as designated by the fire chief.

Local Skills Evaluator: A Local Skills Evaluator is an individual who evaluates trainee skill demonstrations or exams. A Local Skills Evaluator has rank and experience similar to the primary instructor, and works under supervision of the primary instructor.

Qualified Instructor: To qualify as an instructor, with the authority to certify that a volunteer fire fighter trainee has met State Fire Training criteria, the following minimum qualifications are required.⁴

Instructor requirements

- Must have attended and passed Fire Instructor 1A, 1B and 1C;⁵ or
- Have a valid community college teaching credential; or
- Completed the UC/CSU 60-hour Techniques of Teaching course; or

⁴ Ref. 2008 CSFM Training and Procedures Manual pg. 82

⁵ The 1C requirement will be removed during the mission realignment in 2016. Instructor 1A and 1B will be redesigned.

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Completed the NFA's Fire Service Instructional Methodology course, or completed four semester units of upper division credit in educational materials, methods, and curriculum development.

Rank and experience

Held the rank of fire fighter performing suppression duties for a minimum of three years within a California fire department.

Additional requirements

A “Qualified Instructor” is not authorized to certify that a volunteer fire fighter trainee has met the State Fire Training criteria for the following State Fire Training Fire Fighter I required training unless he/she is specifically certified to do so:

- Public Safety First Aid/CPR

- IS – 100 Introduction to Incident Command System

- IS – 700a National Incident Management System an Introduction

- Hazardous Materials - First Responder Operations

- Confined Space Rescue Awareness

A “qualified instructor” is not required to be registered with State Fire Training.

Qualified Skills Evaluator: A California State Fire Training qualified Skills Evaluator. A Qualified Skills Evaluator is an individual who evaluates trainee skill demonstrations or exams. A Qualified Skills Evaluator has rank and experience similar to the primary instructor, has attended and passed California State fire Training “Fire Instructor 1A” and “Fire Instructor 1B” and works under supervision of the primary instructor. The Skills Evaluator does not need to be registered with State Fire Training.

Skill Sheets: Skill sheets are tools used by the instructor or evaluator to determine if a trainee has acquired the necessary knowledge, skills and abilities to successfully complete a given task.

Trainee: An individual who is being trained to meet a specific job, especially in a vocation. Often used before or after a noun; fire fighter trainee – trainee fire fighter. Synonymous with beginner, novice, in fire service often referred to as a candidate or probationary fire fighter. A person who is engaged in an organized activity or obtaining information and/or instructions to improve their performance or to help him/her attain a required level of knowledge or skill.

COURSE STRUCTURE

This Syllabus is built upon the standards contained in NFPA 1001 (2013). It is designed to be used with the “6th Edition Essentials of Fire Fighting,” IFSTA Essentials of Fire Fighting Instructor Resource Kit or the Jones and Bartlett “Fire Fighter Skills, 2nd Edition” program. Both of these texts provide the skills and knowledge necessary for entry-level fire fighters, career or volunteer, to perform his/her duties safely, effectively and competently.

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The Course Plan included in this Syllabus includes structured module time frames and is designed to be used with either IFSTA's "6th Edition Essentials of Fire Fighting," and "Essentials of Fire Fighting Instructor Resource Kit" or the Jones and Bartlett "Fire Fighter Skills, 2nd Edition" training programs.

Through a *Local Instructor* or *Qualified Instructor* (see definitions), uses the lesson plans and other course materials in conjunction with the textbooks and established program to deliver training to trainees. The instructor presenting the training must be familiar with the material prior to presenting the training. In some cases the instructor will need to modify a lesson plan in order to meet specific time constraints and/or unique local circumstances.

Most of the times noted are such that the program may be delivered periodically in a three-hour drill period typical of a volunteer fire department's drill schedule. The entire program is designed to be broken down into about 40, three (3) hour modules that may be delivered in less than one year by delivering the program three times a month. The suggested delivery is as follows:

- Prior to each lesson the trainee is provided with the reading assignment related to the upcoming training module. It is expected that the trainee complete the reading assignment prior to the training.
- The instructional portion of the training module is delivered at a weekly meeting followed by a quiz. At the end of the instruction, the trainee is provided with the next reading assignment, and is given a test to complete and return at the next meeting.
- At the next meeting (immediately following the instructional module), the Skills Practice module is presented and the skills are tested using the Skill Sheets. Note that for those modules where skills are not involved a Skills Practice Module is not necessary and the next instructional module is delivered.

Trainees are evaluated during the training process by *Local Skills Evaluators* who use skill sheets to evaluate performance. Student performance is documented using a Task Book or other locally approved method. A Task Book is included as part of this Syllabus. Successful performance of all tasks, as observed and recorded by an approved *Local Skills Evaluator*, results in documentation that demonstrates the trainee has met the performance standards specified. Evaluation and confirmation of the trainee's performance while completing tasks may occur on one or more training assignments and could involve more than one evaluator.

If it is likely that at the conclusion of the training program, or at some point in the future, California State Fire Training Fire Fighter I Certification is desired it is recommended that the California State Fire Training Fire fighter I Skill Sheets be used in lieu of those provided within the "6th Edition Essentials of Firefighting," IFSTA Essentials of Fire Fighting Instructor Resource Kit or the Jones and Bartlett "Fire fighter Skills, 2nd Edition" training program. Additionally, for those seeking California State Fire Training Fire Fighter I certification, it is recommended that the trainee use the "California State Fire Training Fire Fighter I Capstone Task Book" to document their training rather than the one included with this Syllabus.



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Student Resources

To participate in training students will need:

- “Fundamentals of Fire Fighter Skills⁶,” or “Essentials of Fire Fighting and Fire Department Operations”⁷
- “California State Fire Training Fire fighter I Capstone Task Book.”⁸

Instructor Resources

To deliver the training instructors will need:

- “Fundamentals of Fire Fighter Skills” (Includes Instructor’s Toolkit DVDs)⁹ or “Essentials of Fire Fighting and Fire Department Operations, 6th Edition Instructor Resource Kit (IRK)”¹⁰
- “California State Fire Training Fire fighter I Course Plan”¹¹
- “California State Fire Training Fire Fighter I Skill Sheets”¹²

FACILITIES AND EQUIPMENT

The following are required to deliver this course:

Appliances and tools: A 1 ½-inch fog nozzle, 2 ½ - 1 1/8-inch straight tip nozzle, wildland nozzles and appliances, cap, double female fittings, double male fittings, hose clamps, hose jacket, hose roller, hose strap, rope, or chain, nozzle as determined by AHJ, plug, master stream device, traffic and scene control devices, reducer or increaser (fittings), Siamese, spanner wrenches and gated wye.

Extinguishers and supplies: Dry chemical extinguisher, (ordinary base or multi-purpose) 20 pound CO2 extinguisher, pump tank water extinguisher, Class A fuel for live burns, Class B fuel for live burns and metal pan – minimum 16 square feet.

Hose: A 1-, 1 ½- or 1 ¾-inch fire hose (300-foot minimum), 2 ½- or 3-inch fire hose (500-foot minimum), large diameter hose (LDH) (300-foot minimum), hand-line with fog nozzle, hard suction (intake) hose and strainer, hose and nozzles capable of flowing a minimum of 95 GPM and soft suction hose.

⁶ Jones and Bartlett Learning, Third Edition, ISBN: 978-1-4496-7085-6

⁷ Stowell, Frederick M., Murnane, Lynne, Brady Publishing, a division of Pearson Education, Sixth Edition, ISBN:978-013-3140804

⁸ Recommended for California State Fire Training Capstone Certification

⁹ Jones and Bartlett Learning, Third Edition, ISBN: 978-1-4496-7085-6

¹⁰ Stowell, Frederick M., Murnane, Lynne, Brady Publishing, a division of Pearson Education, Sixth Edition, ISBN:978-013-3140804

¹¹ Recommended for California State Fire Training Capstone Certification

¹² Ibid.

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Hand tools: Bolt cutters, crowbar/pry bar, flat head axe, Halligan tool, handsaw, hydrant wrench, K-tool, pick-head axe, pike pole (8 feet), sledgehammer, flashlight and wildland hand tools and equipment.

Ladders: 10-foot folding ladder, 14-foot roof ladder, 24-foot extension ladder, 35-foot extension ladder and two straight ladders.

Power tools: Electric and gasoline powered fan, chain saw, gasoline powered circular saw and a generator.

Protective equipment/clothing: Full set of protective clothing for structural fire fighting for each trainee, including bunker pants, bunker coat, bunker boots, gloves, helmet, hood, and face piece, self-contained breathing apparatus with charged air cylinder, (one extra fully charged air cylinder), personal alert safety system (P.A.S.S.), safety harness, manufacturer approved cleaning agent (for SCBA), manufacturer approved cleaning equipment (for SCBA) and manufacturer approved sanitizing agent (for SCBA).

Rope: A ½-inch rope, safety line, webbing, various lengths and diameters of utility rope, various lengths and diameters of synthetic rope and various lengths of 1-person or 2-person life safety rope.

Salvage equipment/materials: Brooms, buckets, tubs, mops, objects to cover, salvage covers, squeegees, sprinkler stop and water vacuums.

Simulation equipment/materials: Burn building as recommended in “NFPA 1403: Standard on Live Fire Training or similar structure;” wood roof prop or similar structure, smoke-generating equipment, training tower minimum of two stories in height or similar structure, facilities with gas, water, and electric service cut-off, vehicle fire prop or similar apparatus and a simulated breaching/restricted passageway prop or facilities to practice breaching/restricted passageway training.

Other supplies/equipment needed: Fire hydrant, pitot tube and gauge, portable radio, thermal imaging camera, standard above-ground fall protection, minimum of two apparatuses equipped with pump and two separate water supplies, fuel and supplies for power equipment, cleaning supplies and equipment, portable lighting equipment and two portable tanks with water transfer equipment and appliances

DOCUMENTING TRAINING

Accurate completion of training records is important to the certification process. This information provides a brief description of how the training records should be used by the volunteer fire fighter and the responsibilities of those involved. Copies of training records must be kept on file with the trainee’s department and should also be kept by the trainee.

It is the responsibility of the local agency to ensure the trainee has the opportunity to acquire the knowledge/skills necessary to perform as a volunteer fire fighter. This includes completion of training courses and on-the-job training assignments. It is important to ensure that the trainee is fully prepared to perform the tasks of the position prior to undertaking a position performance assignment.



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It is the responsibility of the local fire chief to ensure that the individuals assigned as Fire fighter Instructors and Skills Evaluators have the knowledge, skills and abilities to instruct trainees in the related tasks.

Fire Chief Responsibilities

The fire chief (or authorized designee) is the individual who reviews and confirms the completion of a candidate's task book. The fire chief (or authorized designee) shall:

- Designate qualified evaluators.
- Review the trainee's task book requirements and responsibilities.
- Verify the trainee has obtained the appropriate signatures to verify successful completion of each job performance requirement.
- Sign the fire chief verification statement under Authorities.

Evaluator Responsibilities

An evaluator is any individual who verifies that the trainee can satisfactorily execute a job performance requirement. A *qualified evaluator* is designated by the candidate's fire chief (or authorized designee) and shall possess the equivalent or higher-level certification. If no such evaluator is present within the organization, the fire chief (or authorized designee) shall designate an individual with more experience than the candidate and a demonstrated ability to execute the job performance requirements. A task book may have more than one evaluator. All evaluators shall:

- Review and understand the trainee's task book requirements and responsibilities.
- Verify the trainee's successful completion of one or more job performance requirements through observation or review.
- Sign and/or initial all appropriate lines in the capstone task book to record demonstrated performance of tasks.

Trainee Responsibilities

- Thoroughly review the experience and job performance requirements segments to make sure that you understand them.
- Confirm who will evaluate your job performance requirements with your fire agency.
- Complete the experience segment.
- Complete each task in the job performance requirements segment and ensure that an evaluator signs and dates each one to verify completion.
- Ask your fire chief (or authorized designee) to verify task book completion by signing the appropriate paragraph under Authorities.
- Make a copy of the completed task book to retain for your personal records.

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ADDITIONAL FIRE FIGHTER TRAINING

This Syllabus, coupled with the IFSTA “Essentials of Firefighting, 6th Edition” or the Jones and Bartlett “Fire fighter Skills” will provide a fire fighter trainee to meet the NFPA-1001 fire fighter standards (2013) and to legally function in California as a career or volunteer fire fighter. The trainee must also obtain the knowledge and skills necessary to become proficient with the lifesaving skills required to function as an EMS first-aid and CPR provider.¹³

A fire fighter must obtain a fundamental awareness of hazardous materials and hazardous materials incidents.¹⁴ However it is recommended that to be more effective at a hazardous materials incident fire fighters should complete a course in Hazardous Materials First Responder Operations rather than complete a course in Hazardous Materials First Responder Awareness. Moreover, for California certification as a Fire Fighter I, training on hazardous materials first responder to the operational level is a requirement.

A California fire fighter must also receive basic Incident Command System (ICS) training.¹⁵ The National Wildfire Coordinating Group provides extensive training requirements in the “Wildland Fire Qualifications System Guide, PM 310-1 (2013).”

In addition to the tasks that must be completed to meet NFPA 1001 Fire Fighter standards, a trainee must obtain the following additional training to receive Fire Fighter I Certification from California State Fire Training:



- The knowledge and skills to safely perform vehicle extrication.
- The knowledge needed to understand the characteristics of wildland fire behavior, fire weather, and the unique aspects of wildland firefighting, including a variety of methods and techniques for containment and extinguishment.
- Training on confined space rescue to the awareness level.
- Training on hazardous materials first responder to the operational level.

The State Board of Fire Services must approve these courses or their equivalent. Additional course of instruction and areas of training to meet specialization needs may be found on the California State Fire Marshal’s website: <http://osfm.fire.ca.gov/training-php>

FIRE FIGHTER 1 CERTIFICATION

Volunteer Fire Fighter certification identifies the *minimum* tasks necessary to assure safety on the fire round. It is a level of certification that recognizes the contributions and efforts of those who volunteer their time and energy to provide fire protection for their community.

¹³ Title 8, §100015 – 100020, CCR

¹⁴ Title 8, §5192, CCR

¹⁵ Title 8, §2428, CCR

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Fire Fighter I and Fire Fighter II certification identifies, in addition to those tasks necessary to assure safety on the fire ground, tasks that may be necessary for a fire fighter to perform to a higher function, or to work outside of the local response area such as a neighboring or state fire automatic aid or mutual-aid incident. In addition to the training requirement, the trainee must have a minimum of six (6) months full-time, paid experience in a California fire department as a fire fighter performing suppression duties or a minimum of one (1) year volunteer or part-time, paid experience in a California fire department as a fire fighter performing suppression duties to be certified as a Fire Fighter I.

After training is concluded and the experience requirement met, a complete application package that includes the following must be submitted to State Fire Training:

- Completed “Application for Certification Form.” The fire chief or his/her designated representative must sign this application.
- Completed *Scantron*® form. The fire chief or his/her designated representative must sign this application.
- Payment of certification fee to State Fire Training. This fee is non-refundable.

After this information is submitted to, and approved by State Fire Training, the applicant will receive their certificate within six to eight weeks. It is recommended that a copy of the application package be maintained by the trainee in addition to the local agency. State Fire Training encourages any trainee who has not received their certificate from State Fire Training within eight weeks to contact the appropriate State Fire Training staff member.

CHANGES TO CALIFORNIA STATE FIRE TRAINING FIRE FIGHTER I CERTIFICATION

State Fire Training believes that delivering certification examinations through a structured process will increase the professionalism of the California fire service and will bring CFSTES into closer alignment with the myriad of professions and vocations that already require candidates to demonstrate knowledge through certification examinations. Delivery of certification examinations through ARTPs and ALAs is a sound decision as these organizations demonstrate their commitment and professionalism through the accreditation process and have expressed their desire to enhance their involvement by participating in this new endeavor. Furthermore, ARTPs have numerous models available that can be utilized to help keep certification examination fees at a reasonable level.

Fire Fighter I certification identifies the *minimum* tasks necessary to assure safety on the fire ground. It is a level of certification that recognizes the contributions and efforts of those who volunteer their time and energy to provide fire protection for their community.



Fire Fighter I certification includes additional training necessary to meet a myriad of California requirements including California Occupational Health and Safety Administration (Cal OSHA) General Industry Safety Orders.

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In addition to the training outlined in this Syllabus, the following training is required to be eligible for California State Fire Training Fire Fighter I certification:



- Minimum of Public Safety First Aid and CPR¹⁶
- Additional formal wildland firefighting training
- training Confined Space Awareness¹⁷
- Introduction to the Incident Command System (ICS-100), FEMA
- National Incident Management System, An Introduction (IS-700.A), FEMA

In addition to meeting the training criteria, the trainee must have a minimum of six (6) months volunteer or part-time, paid experience in a California fire department as a fire fighter performing suppression duties to be certified as a volunteer fire fighter, or a minimum of six (6) months full-time, paid experience in a California fire department as a fire fighter performing suppression duties to be certified as a Fire fighter-I.

Fire Fighter II certification identifies, in addition to those tasks necessary to assure safety on the fire ground, tasks that may be necessary for a fire fighter to perform to a higher function, or to work outside of the local response area such as a neighboring or state fire automatic aid or mutual-aid incident.

This section is intended to provide information about changes to Fire Fighter I curriculum and certification requirements. You are encouraged to study this information carefully and seek clarification from SFT if questions arise.

New Fire Fighter I (2013)

A new Fire Fighter I criteria will be phased in as the new Fire Fighter I curriculum for the California Fire Service Training and Education System. A new Certification Training Standard (CTS) and Course Plan has been developed based on current National Fire Protection Association (NFPA) Standards which includes NFPA 1001, Fire Fighter I Professional Qualifications, NFPA 1051, Wildland Fire Fighter I Professional Qualifications, NFPA 472 and Competencies for First Responder Operations, Hazardous Materials. The CTS and Course Plan are available on the SFT website. Effective July 1, 2014 the following is required for SFT Fire Fighter I (2013) Certification:

- Public Safety First Aid and CPR¹⁸
- Effective July 1, 2014, Confined Space Awareness (1995) is a corequisite.
- IS-100, Introduction to the Incident Command System (FEMA), is a corequisite.
- IS-700.A, National Incident Management System (FEMA) is a corequisite.
- Instructor requirements continue to be Approved Instructors as defined in the SFT Procedures Manual.

¹⁶ §1797.182 H&S

¹⁷ Title 8, §5157, CCR

¹⁸ §1797.182 H&S

Task Books/Application Form

The new Fire Fighter I (2013) requires that candidates complete a comprehensive task book that covers all of the job performance requirements contained in the aforementioned professional qualification standards. A completed Capstone Task Book will replace the current Fire Fighter I training record. The task book will be made available to candidates, agencies, Accredited Regional Training Programs (ARTPs) and Accredited Local Academies (ALAs) on the SFT website. Occupational experience will be verified by the Fire Chief or designee on file by signing the task book upon completion. In addition a new application form will be implemented and will replace the current *Scantron*® Fire Fighter I application form.

California Certification Examination

In addition to the new Fire Fighter I (2013) requirement that requires that candidates complete a comprehensive task book, SFT has been pursuing accreditation from both the International Fire Service Accreditation Congress (IFSAC), a peer-driven, self-governing system that accredits both public fire service certification programs and higher education fire-related degree programs, and Pro Board with Fire Fighter I as the initial offering. A Certification Examination is required by IFSAC and Pro Board and includes both a written test and skills testing. Certification Examinations will become a standardized process statewide to insure uniformity and compliance with IFSAC and Pro Board requirements. The Certification Examination process has not yet been approved, but will be required for this new curriculum at a future date. Implementation of certification examinations and issuance of IFSAC and Pro Board Certification will result in increased user fees.

Beta Test

The Fire Fighter I (2013) curriculum will be beta tested at the Sierra College Accredited Regional Training Program Fire Academy to insure that SFT Certification Examination procedures will fully satisfy IFSAC and Pro Board requirements and that the curriculum fully satisfies the aforementioned professional qualification standards and meets the needs of the California Fire Service for content and delivery.¹⁹

Beta testing of this Syllabus has been done by the Trinity County Fire Chief's Association (California) and Smith Valley Fire Protection District (Nevada) and reviewed by the CSFA - Volunteer Committee.

Transition Period

State Fire Training recognizes that during the Beta Test period Fire Fighter I (2001) curriculum will need to be delivered as the Fire Fighter I (2013) edition will not yet be available. Stakeholders who have scheduled Fire Fighter I course deliveries and do not anticipate completion by December 31, 2015 should contact SFT to discuss curriculum options.

¹⁹ Palmer, et al., *After Action Report, Fire Fighter Curriculum Beta Test*, (2014), Sierra College Accredited Regional Fire Academy in Cooperation with CALFIRE, Office of the State Fire Marshal, California State Fire Training

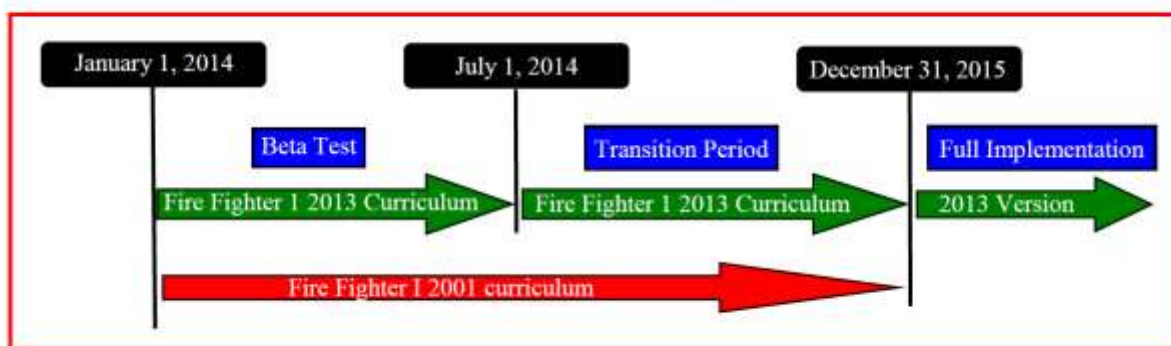
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Candidates pursuing Fire Fighter I Certification under the existing requirements and 2001 curriculum must complete all requirements including occupational experience and submit their fees and applications to SFT once completed.

Beyond December 31, 2017 completion of a certification examination will be required.

Effective December 31, 2015 Fire Fighter I (2001) will no longer be delivered and the curriculum will be retired.

Fire Fighter I Curriculum Change Time Line



Courtesy of California State Fire Marshal

Agency Impacts

It is anticipated that by December 31, 2015, as fire fighter training is delivered at the local level, California State Fire Training Fire Fighter I certification will require the following:

- Completion of a Fire Fighter-I program utilizing State Fire Training Fire Fighter-I Skill Sheets
- Completion of the California State Fire Training Fire Fighter I Capstone Task Book
- Completion of Public Safety First Aid and CPR
- Completion of Confined Space Awareness
- Completion of IS-100, Introduction to the Incident Command System
- Completion of IS-700.A, National Incident Management System
- A minimum of 12 months experience as a volunteer fire fighter

Once the required criteria have been met the trainee may apply to take a Certification Examination, as required by IFSAC and Pro Board, that includes both a written test and skills testing.

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COURSE PLAN

	Topic	Module	Date	Delivery Hours		Training Platform		
				Lecture	Skills	SFT	IFSTA	J&B
GENERAL	Orientation and Fire Service History	1		3		Topic 1	Chap. 1	Chap. 1
		2		3				
SAFETY	Fire fighter Safety and Health	3		3		Topic 2-1	Chap. 2	Chap. 2
	Fire fighter Personal Protective Equip.	4		3		Topic 2-2 - 2-5	Chap. 6	Chap. 2
		5			3			
		6			3			
COM'S	Fire Department Communications	7		2	1	Topic 3	Chap. 3	Chap 3
TOOLS & EQUIP.	Ropes, Webbing, and Knots	8		3		Topic 4-1	Chap. 8	Chap. 9
		9			3			
	Fire Fighter Tools, Equipment & Lighting	10		3		Topic 4-2 - 4-4	Chap. 8 & 10	Chap. 8
		11		2	1			
FIREGROUND OPERATIONS	Building Construction	12		3		Topic 5-1	Chap. 4	Chap. 6
	Fire Behavior	13		3		Topic 5-2	Chap. 5	Chap. 5
	Portable Fire Extinguishers	14		3		Topic 5-3	Chap. 7	Chap.7
		15		1	2			
	Water Supply	16		3		Topic 5-4	Chap. 14	Chap. 15
		17			3			
	Fire Hose	18		3		Topic 5-5	Chap. 15	Chap. 16
		19			3			
	Ground Ladders	20		3		Topic 5-7	Chap. 12	Chap. 12
		21			3			
		22			3			
	Forcible Entry	23		3		Topic 5-8	Chap. 11	Chap.11
		24			3			
	Search and Rescue	25		3		Topic 5-9 & 6-1	Chap. 9	Chap. 13
		26			3			
	Structural Fire Fighting	27		3		Topic 5-6, 5-10 & 7-2	Chap. 17	Chap. 21
		28			3			
		29			3			
	Ventilation	30		3		Topic 5-11 & 5-12	Chap. 13	Chap. 14
		31		3				
		32			3			
	Salvage and Overhaul	33		3		Topic 5-13 & 5-14	Chap. 18	Chap. 18
		34			3			
	Wildland and Ground Fires	35		3		Topic 7-1	Chap. 17	Chap. 20
		36			3			
		37			3			
	EVALUATION	38		3				
			TOTAL	65	49			
	TOTAL ESTIMATED HOURS:			114				

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Standard for Fire Fighter Professional Qualifications – NFPA 1001, (2013), National Fire Protection Association, ISBN 978-145590437-2

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Coleman, The Evolution of California Fire Service Training and Education, (May, 1994), A Thesis, Presented to the Department of Occupational Studies, California State University, Long Beach

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SUMMARY OF NFPA 1001 STANDARDS

For qualification at Level I, the fire fighter candidate shall meet the general knowledge criteria in the 2013 Edition of NFPA 1001, Section 5.1.1; the general skill criteria in the 2013 Edition of NFPA 1001, Section 5.1.2; and the JPRs defined in the 2013 Edition of NFPA 1001, Sections 5.2 through 5.5 summarized as follows:²⁰

Fire Department Communications

1. **NFPA 1001 § 5.2.1** Initiate the response to a reported emergency, given the report of an emergency, fire department SOPs and communications equipment, so that all necessary information is obtained, communications equipment is operated correctly and the information is relayed promptly and accurately to the dispatch center
2. **NFPA 1001 § 5.2.2** Receive a telephone call, given a fire department phone, so that procedures for answering the phone are used and the caller's information is relayed.
3. **NFPA 1001 § 5.2.3** Transmit and receive messages via the fire department radio, given a fire department radio and operating procedures, so that the information is accurate, complete, clear and relayed within the time established by the AHJ.
4. **NFPA 1001 § 5.2.4** Activate an emergency call for assistance, given vision-obscured conditions, PPE and department SOPs, so that the fire fighter can be located and rescued.

Fireground Operations

1. **NFPA 1001 § 5.1.2** The ability to don personal protective clothing, doff personal protective clothing and prepare for reuse, hoist tools and equipment using ropes and the correct knot, and locate information in departmental documents and standard or code materials.
2. **NFPA 1001 § 5.3.1** Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised and hazardous areas are exited prior to air depletion.
3. **NFPA 1001 § 5.3.2** Respond on apparatus to an emergency scene, given personal protective clothing and other necessary personal protective equipment, so that the apparatus is correctly

²⁰ nfpa.org

mounted and dismounted, seat belts are used while the vehicle is in motion and other personal protective equipment is correctly used.

4. **NFPA 1001 § 5.3.3** Establish and operate in work areas at emergency scenes, given protective equipment, traffic and scene control devices, structure fire and roadway emergency scenes, traffic hazards and downed electrical wires, an assignment and SOPs, so that procedures are followed, protective equipment is worn, protected work areas are established as directed using traffic and scene control devices and the fire fighter performs assigned tasks only in established, protected work areas.
5. **NFPA 1001 § 5.3.4** Force entry into a structure, given personal protective equipment, tools, and an assignment, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry.
6. **NFPA 1001 § 5.3.5** Exit a hazardous area as a team, given vision-obscured conditions, so that a safe haven is found before exhausting the air supply, others are not endangered and the team integrity is maintained.
7. **NFPA 1001 § 5.3.6** Set up ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component and the assignment is accomplished.
8. **NFPA 1001 § 5.3.7** Attack a passenger vehicle fire operating as a member of a team, given personal protective equipment, attack line and hand tools, so that hazards are avoided, leaking flammable liquids are identified and controlled, protection from flash fires is maintained, all vehicle compartments are over- hauled and the fire is extinguished.
9. **NFPA 1001 § 5.3.8** Extinguish fires in exterior Class A materials, given fires in stacked or piled and small unattached structures or storage containers that can be fought from the exterior, attack lines, hand tools and master stream devices, and an assignment, so that exposures are protected, the spread of fire is stopped, collapse hazards are avoided, water application is effective, the fire is extinguished and signs of the origin area(s) and arson are preserved.
10. **NFPA 1001 § 5.3.9** Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hose lines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained and team members' safety — including respiratory protection — is not compromised.

11. **NFPA 1001 § 5.3.10** Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed and the fire is brought under control.
12. **NFPA 1001 § 5.3.11** Perform horizontal ventilation on a structure operating as part of a team, given an assignment, personal protective equipment, ventilation tools, equipment and ladders, so that the ventilation openings are free of obstructions, tools are used as designed, ladders are correctly placed, ventilation devices are correctly placed and the structure is cleared of smoke.
13. **NFPA 1001 § 5.3.12** Perform vertical ventilation on a structure as part of a team, given an assignment, personal protective equipment, ground and roof ladders, and tools, so that ladders are positioned for ventilation, a specified opening is created, all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure and the team retreats from the area when ventilation is accomplished.
14. **NFPA 1001 § 5.3.13** Overhaul a fire scene, given personal protective equipment, attack line, hand tools, a flashlight and an assignment, so that structural integrity is not compromised, all hidden fires are discovered, fire cause evidence is preserved and the fire is extinguished.
15. **NFPA 1001 § 5.3.14** Conserve property as a member of a team, given salvage tools, equipment and an assignment, so that the building and its contents are protected from further damage.
16. **NFPA 1001 § 5.3.15** Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed.
17. **NFPA 1001 § 5.3.16** Extinguish incipient Class A, Class B, and Class C fires, given a selection of portable fire extinguishers, so that the correct extinguisher is chosen, the fire is completely extinguished and correct extinguisher-handling techniques are followed.
18. **NFPA 1001 § 5.3.17** Illuminate the emergency scene, given fire service electrical equipment and an assignment, so that designated areas are illuminated and all equipment is operated within the manufacturer's listed safety precautions.
19. **NFPA 1001 § 5.3.18** Turn off building utilities, given tools and an assignment, so that the assignment is safely completed.

20. **NFPA 1001 § 5.3.20** Tie a knot appropriate for hoisting tool, given personnel protective equipment, tools, ropes, and an assignment, so that the knots used are appropriate for hoisting tools securely and as directed.

Preparedness and Maintenance

1. **NFPA 1001 § 5.5.1** Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise.
2. **NFPA 1001 § 5.5.2** Clean, inspect, and return fire hose to service, given washing equipment, water, detergent, tools, and replacement gaskets, so that damage is noted and corrected, the hose is clean, and the equipment is placed in a ready state for service.

Wildland Suppression²¹

1. **NFPA 1001 § 5.5.1** Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise.
2. **NFPA 1001 § 5.3.3** (*NFPA 1051 § 5.3.2*) Maintain assigned personal protective equipment, given the standard equipment issue, so that the equipment is serviceable and available for use on the fireline and defects are recognized and reported to the supervisor
3. **NFPA 1001 § 5.5.1** (*NFPA 1051 § 5.3.3*) Maintain assigned suppression hand tools and equipment, given tools and equipment and agency maintenance specifications, so that assigned equipment is safely maintained and serviceable and defects are recognized and reported to the supervisor.
4. **NFPA 1001 § 5.3.3** (*NFPA 1051 § 5.5.2*) Assemble and prepare for response, given an assembly location, an assignment, incident location, mode of transportation, and the time requirements, so that arrival at the incident with the required personnel and equipment meets agency guidelines.
5. **NFPA 1001 § 5.3.2** (*NFPA 1051 § 5.5.3*) Recognize hazards and unsafe situations given a wildland or wildland/urban interface fire and the standard safety policies and procedures of the agency, so that the hazard(s) and unsafe condition(s) are promptly communicated to the

²¹ NFPA 1051 is the specific standard for wildland fire suppression and provides more detail than NFPA 1001. For those agencies involved in a high percentage of wildland fire suppression activities, or desiring to meet California State Fire Training "Capstone Certification", it is recommended to meet the noted NFPA 1051 sections.

supervisor and appropriate action is taken.

6. **NFPA 1001 § 5.3.19** (*NFPA 1051 § 5.5.4*) Construct a fireline, given a wildland fire, agency line construction standards, suppression tools, water or other suppression agents, and equipment, so that the fireline conforms to the construction standard.
7. **NFPA 1001 § 5.3.19** (*NFPA 1051 § 5.5.5*) Secure the fireline, given a wildland fire and suppression tools, water or other suppression agents, and equipment, so that burning materials and unburned fuels that threaten the integrity of the fireline are located and abated.
8. **NFPA 1001 § 5.3.19** (*NFPA 1051 § 5.5.6*) Describe the methods to reduce the threat of fire exposure to improved properties given a wildland or urban/ interface fire, suppression tools, and equipment so that improvements are protected.
9. **NFPA 1001 § 5.3.13** (*NFPA 1051 § 5.5.7*) Mop up fire area, given a wildland fire, suppression tools, and water or other suppression agents and equipment, so that burning fuels that threaten escape are located and extinguished.
10. **NFPA 1001 § 5.3.13** (*NFPA 1051 § 5.5.8*) Patrol the fire area, given a wildland fire, suppression tools and equipment, so that control of the fire area is maintained.

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STRUCTURED MODULE TIME FRAMES

	Topic	Module	Date	Delivery Hours		Training Platform		
				Lecture	Skills	SFT	IFSTA	J&B
GENERAL	Orientation and Fire Service History	1	1/13/2015	3		Topic 1	Chap. 1	Chap. 1
		2	1/19/2015	3				
SAFETY	Firefighter Safety and Health	3	1/26/2015	3		Topic 2-1	Chap. 2	Chap. 2
	Firefighter Personal Protective Equip.	4	2/10/2015	3		Topic 2-2 - 2-5	Chap. 6	Chap. 2
		5	2/17/2015		3			
		6	2/24/2015		3			
COM'S	Fire Department Communications	7	3/10/2015	2	1	Topic 3	Chap. 3	Chap 3
TOOLS & EQUIP.	Ropes, Webbing, and Knots	8	3/17/2015	3		Topic 4-1	Chap. 8	Chap. 9
		9	3/24/2015		3			
	Fire Fighter Tools, Equipment & Lighting	10	3/31/2015	3		Topic 4-2 - 4-4	Chap. 8 & 10	Chap. 8
		11	4/14/2015	2	1			
FIREGROUND OPERATIONS	Building Construction	12	4/21/2015	3		Topic 5-1	Chap. 4	Chap. 6
	Fire Behavior	13	4/28/2015	3		Topic 5-2	Chap. 5	Chap. 5
	Portable Fire Extinguishers	14	5/12/2015	3		Topic 5-3	Chap. 7	Chap.7
		15	5/19/2015	1	2			
	Water Supply	16	5/26/2015	3		Topic 5-4	Chap. 14	Chap. 15
		17	6/9/2015		3			
	Fire Hose	18	6/16/2015	3		Topic 5-5	Chap. 15	Chap. 16
		19	6/23/2015		3			
	Ground Ladders	20	6/30/2015	3		Topic 5-7	Chap. 12	Chap. 12
		21	7/14/2014		3			
		22	7/21/2015		3			
	Forcible Entry	23	7/28/2015	3		Topic 5-8	Chap. 11	Chap.11
		24	8/11/2015		3			
	Search and Rescue	25	8/18/2015	3		Topic 5-9 & 6-1	Chap. 9	Chap. 13
		26	8/25/2015		3			
	Structural Fire Fighting	27	9/8/2015	3		Topic 5-6, 5-10 & 7-2	Chap. 17	Chap. 21
		28	9/15/2015		3			
		29	9/22/2015		3			
	Ventilation	30	9/29/2015	3		Topic 5-11 & 5-12	Chap. 13	Chap. 14
		31	10/13/2015	3				
		32	10/20/2015		3			
	Salvage and Overhaul	33	10/27/2015	3		Topic 5-13 & 5-14	Chap. 18	Chap. 18
		34	11/10/2015		3			
	Wildland and Ground Fires	35	11/17/2015	3		Topic 7-1	Chap. 17	Chap. 20
		36	11/24/2015		3			
		37	12/8/2015		3			
	EVALUATION	38	12/15/2015	3				
		TOTAL		65	49			
TOTAL ESTIMATED HOURS:				114				

3rd EDITION, VOLUNTEER FIRE FIGHTER TRAINING SYLLABUS

COURSE DELIVERY TIMES COMPAIRSON

	STATE FIRE TRAINING	Lecture	Skills	IFSTA ESSENTIALS	Lecture	Skills	JONES & BARTLETT	Lecture	Skills
GENERAL	Topic 1-1: Orientation and Administration	0.5		Chapter 1: Orientation and Fire Service History	4	0	Chapter 1: The History and Orientation of the Fire Service	4.3	0
	Topic 1-2: Fire Fighter I Certification Process	0.5							
	Topic 1-3: General Knowledge Requirements	3							
		4	0						
SAFETY	Topic 2-1: Health and Safety	4		Chapter 2: Firefighter Safety and Health	5	4	Chapter 2: Fire Fighter Safety	4.25	3
	Topic 2-2: Structural Personal Protective	2	5						
	Topic 2-3: Self-Contained Breathing Apparatus	4	12	Chapter 6: Firefighter Personal Protective Equip.	8	8			
	Topic 2-4: Responding on an Apparatus	0.5	1						
	Topic 2-5: Operating at an Emergency Scene	1	1						
		11.5	19						
COM's	Topic 3-1: Operating a Phone	0.25	0.34	Chapter 3: Fire Department Communications	4	2	Chapter 3: Fire Service Communications	2	0.75
	Topic 3-2: Initiating a Response	0.75	0.68						
	Topic 3-3: Operating Fire Department Radios	1	1						
		2	2.02						
TOOLS & EQUIP.	Topic 4-1: Ropes and Knots	2	6	Chapter 8: Ropes, Webbing, and Knots	4	4	Chapter 9: Ropes and Knots	4.75	3
	Topic 4-2: Hand and Power Tools	2	2.5						
	Topic 4-3: Portable Electric and Lighting	1	2	Chapter 10: Scene Lighting, ... Various chapters.	*	*	Chapter 8: Fire Fighter Tools and Equipment	5.42	
	Topic 4-4: Maintenance	2	6						
		7	16.5						
					4	4		10.17	3
FIREGROUND OPERATIONS	Topic 5-1: Building Construction	3	1	Chapter 4: Building Construction	3.17	0	Chapter 6: Building Construction	4.5	
	Topic 5-2: Fire Behavior	4		Chapter 5: Fire Behavior	4.5	0	Chapter 5: Fire Behavior	3.08	
	Topic 5-3: Fire Extinguishers	2	5	Chapter 7: Portable Fire Extinguishers	3.5	2	Chapter 7: Portable Fire Extinguishers	5.75	2.25
	Topic 5-4: Water Supply Systems	2	6	Chapter 14: Water Supply	3.5	2	Chapter 15: Water Supply	2.83	0.75
	Topic 5-5: Fire Hose	8	36	Chapter 15: Fire Hose	4.3	6	Chapter 16: Fire Hose, Nozzles, Streams, and Foam	5.58	11.5
	Topic 5-6: Utility Control at Emergencies	1.5	0.5	Chapter 17: Fire Control	*	*	Chapter 21: Fire Suppression	*	*
	Topic 5-7: Ground Ladder Operations	4	36	Chapter 12: Ground Ladders	4.3	6	Chapter 12: Ladders	3.42	4.75
	Topic 5-8: Forcible Entry	2	6	Chapter 11: Forcible Entry	6.17	8	Chapter 11: Forcible Entry	3.42	3.25
	Topic 5-9: Structure Fire Search and Rescue	2	8	Chapter 9: Structural Search, Victim Removal and...	4.5	4	Chapter 13: Search and Rescue	3	4.25
	Topic 5-10: Structural Fire Fighting Operations	4	20	Chapter 16: Fire Streams	3.3	4	Chapter 16: Fire Hose, Nozzles, Streams, and Foam	*	*
	Topic 5-11: Horizontal Ventilation Operations	1.5	4.5	Chapter 17: Fire Control	4.68	6	Chapter 21: Fire Suppression	5.33	2.25
	Topic 5-12: Vertical Ventilation Operations	4	8	Chapter 13: Tactical Ventilation	6	4	Chapter 14: Ventilation	5.42	3
	Topic 5-13: Property Conservation	2	8	Chapter 18: Loss Control	3.17	6	Chapter 18: Salvage and Overhaul	2.67	4
	Topic 5-14: Overhaul	2	4						
	Topic 6-1: Structural Fire Fighter Survival	4	12	Chapter 9: Structural Search, Victim Removal	*	*	Chapter 17: Fire Fighter Survival	3.58	2
	Topic 7-1: Exterior & ground cover fires	1.75	6.25	Chapter 17: Fire Control			Chapter 20: Wildland and Ground Fires	4.17	0.92
	Topic 7-2: Passenger Vehicle Fires	3	5		*	*	Chapter 21: Fire Suppression	*	*
		50.75	166.25		51.09	48		52.75	38.92
	For a group of 20 to 30 students SFT suggests that the training may be able to be delivered in 120 hs.	75.25	203.77		76.09	66		73.47	45.67
		279.02			142.09			119.14	

TRAINING PLATFORM CROSSWALK

	NFPA 1001 (2013)	Calif. State Fire Training Firefighter I Course Plan	Essentials of Fire Fighting, 6th Edition IFSTA	Fire Fighter Skills Jones & Bartlett
GENERAL	5.1.1 General knowledge	Topic 1-1: Orientation and Administration	Chapter 1: Orientation and Fire Service History	Chapter 1: The History and Orientation
	5.1.2 General skills	Topic 1-2: Fire Fighter I Certification Process Topic 1-3: General Knowledge Requirements Topic 2-1: Health and Safety		
SAFETY	5.3.3 Protective equipment is worn	Topic 2-2: Structural Personal Protective Equip	Chapter 2: Firefighter Safety and Health	Chapter 2: Fire Fighter Safety
	5.3.1 Use self-contained breathing apparatus	Topic 2-3: Self-Contained Breathing Apparatus	Chapter 6: Firefighter Personal Protective Equip.	
COM's	5.3.2 Respond on apparatus to an emergency	Topic 2-4: Responding on an Apparatus		Chapter 4: Incident Command System
	5.3.3 Establish / operate in work areas at emergency	Topic 2-5: Operating at an Emergency Scene	Chapter 3: Fire Department Communications	Chapter 3: Fire Service Communications
TOOLS & EQUIP.	5.2.2 Receive a telephone call	Topic 3-1: Operating a Phone		
	5.2.1 Initiate the response	Topic 3-2: Initiating a Response		
	5.2.3 Transmit and receive messages via the radio	Topic 3-3: Operating Fire Department Radios		
	5.3.20 Tie a knot appropriate for hoisting tool	Topic 4-1: Ropes and Knots	Chapter 8: Ropes, Webbing, and Knots <i>Covered in each applicable section</i>	Chapter 9: Ropes and Knots
	5.3.17 Illuminate the emergency scene	Topic 4-2: Hand and Power Tools	Chapter 10: Scene Lighting, ... <i>Covered in each applicable section</i>	Chapter 8: Fire Fighter Tools and Equipment
	5.5.1 Clean and check equipment	Topic 4-4: Maintenance		
	No specific NFPA criteria	Topic 5-1: Building Construction	Chapter 4: Building Construction	Chapter 6: Building Construction
	No specific NFPA criteria	Topic 5-2: Fire Behavior	Chapter 5: Fire Behavior	Chapter 5: Fire Behavior
	5.3.16 Extinguish incipient fire with extinguishers	Topic 5-3: Fire Extinguishers	Chapter 7: Portable Fire Extinguishers	Chapter 7: Portable Fire Extinguishers
	5.3.15 Connect to a water supply	Topic 5-4: Water Supply Systems	Chapter 14: Water Supply	Chapter 15: Water Supply
	5.5.2 Clean, inspect, and return fire hose to service	Topic 5-5: Fire Hose	Chapter 15: Fire Hose	Chapter 16: Fire Hose, Nozzles, Streams
	5.3.18 Turn off building utilities	Topic 5-6: Utility Control at Emergencies	Chapter 17: Fire Control	Chapter 21: Fire Suppression
	5.3.6 Set up ground ladders,	Topic 5-7: Ground Ladder Operations	Chapter 12: Ground Ladders	Chapter 12: Ladders
	5.3.4 Force entry	Topic 5-8: Forcible Entry	Chapter 11: Forcible Entry	Chapter 11: Forcible Entry
	5.3.9 Conduct a search and rescue in a structure	Topic 5-9: Structure Fire Search and Rescue	Chapter 9: Structural Search, Victim Removal and...	Chapter 13: Search and Rescue
	5.3.10 Attack an interior structure fire	Topic 5-10: Structural Fire Fighting Operations	Chapter 16: Fire Streams Chapter 17: Fire Control	Chapter 10: Response and Size-Up Chapter 21: Fire Suppression
	5.3.11 Perform horizontal ventilation	Topic 5-11: Horizontal Ventilation Operations	Chapter 13: Tactical Ventilation	Chapter 14: Ventilation
	5.3.12 Perform vertical ventilation	Topic 5-12: Vertical Ventilation Operations		
	5.3.14 Conserve property	Topic 5-13: Property Conservation	Chapter 18: Loss Control	Chapter 18: Salvage and Overhaul
	5.3.13 Overhaul a fire scene	Topic 5-14: Overhaul		
	5.3.5 Exit a hazardous area as a team	Topic 6-1: Structural Fire Fighter Survival	Chapter 9: ...Firefighter Survival	Chapter 17: Fire Fighter Survival
	5.3.8 Extinguish fires in exterior Class A materials	Topic 7-1: Exterior Fires	Chapter 17: Fire Control	Chapter 10: Response and Size-Up
	5.3.7 Attack a passenger vehicle fire	Topic 7-2: Passenger Vehicle Fires		Chapter 21: Fire Suppression
	5.3.19 Combat a ground cover fire	Unit 8: Wildland Fire Suppression		Chapter 20: Wildland and Ground Fires

These course listings provides the skills and knowledge needed for the entry level fire fighter, career or volunteer, to perform his/her duties safely, effectively, and competently. The curriculum is based on the 2013 edition of NFPA 1001 Standard for Fire Fighter Professional Qualifications. To meet California State Fire Training (SFT) criteria it will be necessary to complete additional wildland firefighting training, in addition to the following, to satisfy Cal OSHA and other regulations:

California
TRAINEE TASK BOOK
Purpose and Process

This task book is a performance-based document. It lists the individual job performance requirements to document training and skills performance. Completion of a task book verifies that the trainee has demonstrated the requisite knowledge and skills to obtain certification.²²

Fire Chief Responsibilities

The fire chief (or authorized designee) is the individual who reviews and confirms the completion of a candidate's task book. The fire chief (or authorized designee) shall:

- Designate qualified evaluators.
- Review the trainee's task book requirements and responsibilities.
- Verify the trainee has obtained the appropriate signatures to verify successful completion of each job performance requirement.
- Sign the fire chief verification statement under Authorities.

Evaluator Responsibilities

An evaluator is any individual who verifies that the trainee can satisfactorily execute a job performance requirement. A *qualified evaluator* is designated by the candidate's fire chief (or authorized designee) and shall possess the equivalent or higher-level certification. If no such evaluator is present within the organization, the fire chief (or authorized designee) shall designate an individual with more experience than the candidate and a demonstrated ability to execute the job performance requirements. A task book may have more than one evaluator. All evaluators shall:

- Review and understand the trainee's task book requirements and responsibilities.
- Verify the trainee's successful completion of one or more job performance requirements through observation or review.
- Sign and/or initial all appropriate lines in the capstone task book to record demonstrated performance of tasks.

Trainee Responsibilities

Thoroughly review the Experience, and Job Performance Requirements segments to make sure that you understand them.

Confirm who will evaluate your job performance requirements with your fire agency.

²² All SFM Fire Fighter 1 documents are available at <http://osfm.fire.ca.gov/training/firefighter2013.php>

Complete each task in the Job Performance Requirements segment and ensure that an evaluator signs and dates each one to verify completion.

Authorities

Candidate: _____

Candidate's Printed Name

Candidate's Signature	Date
-----------------------	------

Fire Chief: _____
Fire Chief's Printed Name

Fire Chief's Signature Date

Experience

The candidate meets the following requirements for experience:

- ☐ Six months full-time experience as a Fire Fighter in a California fire agency or
- ☐ Twelve months Volunteer or Reserve Fire Fighter in a California fire agency

Date Completed: _____ Evaluator: _____

Job Performance Requirements

All job performance requirements must be performed in accordance with the standards of the authority having jurisdiction (AHJ) or the National Fire Protection Association (NFPA), whichever is more restrictive.

GENERAL

1. General Knowledge Requirements. The organization of the fire department; the role of the Fire Fighter I in the organization; the mission of fire service; the fire department's standard operating procedures (SOPs) and rules and regulations as they apply to the Fire Fighter I; the value of fire and life safety initiatives in support of the fire department mission and to reduce fire fighter line-of-duty injuries and fatalities; the role of other agencies as they relate to the fire department; aspects of the fire department's member assistance program; the importance of physical fitness and a healthy lifestyle to the performance of the duties of a fire fighter; the critical aspects of NFPA1500, *Standard on Fire Department Occupational Safety and Health Program*. (2013 NFPA 1001 § 5.1.1)

Date Completed: _____ Evaluator: _____

SAFETY

1. General Skill Requirements. The ability to don personal protective clothing, doff personal protective clothing and prepare for reuse, hoist tools and equipment using ropes and the correct knot, and locate information in departmental documents and standard or code materials. (2013 NFPA 1001 § 5.1.2)

Date Completed: _____ Evaluator: _____

2. Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (2013 NFPA 1001 § 5.3.1)

Date Completed: _____ Evaluator: _____

3. Respond on apparatus to an emergency scene, given personal protective clothing and other necessary personal protective equipment, so that the apparatus is correctly mounted and dismounted, seat belts are used while the vehicle is in motion, and other personal protective equipment is correctly used. (2013 NFPA 1001 § 5.3.2)

Date Completed: _____ Evaluator: _____

4. Establish and operate in work areas at emergency scenes, given protective equipment, traffic and scene control devices, structure fire and roadway emergency scenes, traffic hazards and downed electrical wires, an assignment and SOPs, so that procedures are followed, protective equipment is worn, protected work areas are established as directed using traffic and scene control devices, and the fire fighter performs assigned tasks only in established, protected work areas. (2013 NFPA 1001 § 5.3.3)

Date Completed: _____ Evaluator: _____

COMMUNICATIONS

1. Initiate the response to a reported emergency, given the report of an emergency, fire department SOPs and communications equipment, so that all necessary information is obtained, communications equipment is operated correctly, and the information is relayed promptly and accurately to the dispatch center. (2013 NFPA 1001 § 5.2.1)

Date Completed: _____ Evaluator: _____

2. Receive a telephone call, given a fire department phone, so that procedures for answering the phone are used and the caller's information is relayed. (2013 NFPA 1001 § 5.2.2)

Date Completed: _____ Evaluator: _____

3. Transmit and receive messages via the fire department radio, given a fire department radio and operating procedures, so that the information is accurate, complete, clear, and relayed within the time established by the AHJ. (2013 NFPA 1001 § 5.2.3)

Date Completed: _____ Evaluator: _____

4. Activate an emergency call for assistance, given vision-obscured conditions, PPE, and department SOPs, so that the fire fighter can be located and rescued. *(2013 NFPA 1001 § 5.2.4)*

Date Completed: _____ Evaluator: _____

TOOLS & EQUIPMENT

1. Tie a knot appropriate for a hoisting tool, given personnel protective equipment, tools, ropes, and an assignment, so that the knots used are appropriate for hoisting tools securely and as directed. *(2013 NFPA 1001 § 5.3.20)*

Date Completed: _____ Evaluator: _____

2. Illuminate the emergency scene, given fire service electrical equipment and an assignment, so that designated areas are illuminated and all equipment is operated within the manufacturer's listed safety precautions. *(2013 NFPA 1001 § 5.3.17)*

Date Completed: _____ Evaluator: _____

3. Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded and equipment is placed in a ready state or reported otherwise. *(2013 NFPA 1001 § 5.5.1)*

Date Completed: _____ Evaluator: _____

4. Clean, inspect, and return fire hose to service, given washing equipment, water, detergent, tools and replacement gaskets, so that damage is noted and corrected, the hose is clean and the equipment is placed in a ready state for service. *(2013 NFPA 1001 § 5.5.2)*

Date Completed: _____ Evaluator: _____

FIREGROUND OPERATIONS

1. Extinguish incipient Class A, Class B, and Class C fires, given a selection of portable fire extinguishers, so that the correct extinguisher is chosen, the fire is completely extinguished and correct extinguisher-handling techniques are followed. *(2013 NFPA 1001 § 5.3.16)*

Date Completed: _____ Evaluator: _____

2. Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. *(2013 NFPA 1001 § 5.3.15)*

Date Completed: _____ Evaluator: _____

3. Set up ground ladders, given single and extension ladders, an assignment and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component and the assignment is accomplished. *(2013 NFPA 1001 § 5.3.6)*

Date Completed: _____ Evaluator: _____

4. Force entry into a structure, given personal protective equipment, tools, and an assignment, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry. *(2013 NFPA 1001 § 5.3.4)*

Date Completed: _____ Evaluator: _____

5. Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hose lines and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained and team members' safety — including respiratory protection — is not compromised. *(2013 NFPA 1001 § 5.3.9)*

Date Completed: _____ Evaluator: _____

6. Exit a hazardous area as a team, given vision-obscured conditions, so that a safe haven is found before exhausting the air supply, others are not endangered and the team integrity is maintained. *(2013 NFPA 1001 § 5.3.5)*

Date Completed: _____ Evaluator: _____

7. Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. *(2013 NFPA 1001 § 5.3.10)*

Date Completed: _____ Evaluator: _____

8. Turn off building utilities, given tools and an assignment, so that the assignment is safely completed. *(2013 NFPA 1001 § 5.3.18)*

Date Completed: _____ Evaluator: _____

9. Attack a passenger vehicle fire operating as a member of a team, given personal protective equipment, attack line and hand tools, so that hazards are avoided, leaking flammable liquids are identified and controlled, protection from flash fires is maintained, all vehicle compartments are over-hauled and the fire is extinguished. (2013 NFPA 1001 § 5.3.7)

Date Completed: _____ Evaluator: _____

10. Perform horizontal ventilation on a structure operating as part of a team, given an assignment, personal protective equipment, ventilation tools, equipment and ladders, so that the ventilation openings are free of obstructions, tools are used as designed, ladders are correctly placed, ventilation devices are correctly placed and the structure is cleared of smoke. (2013 NFPA 1001 § 5.3.11)

Date Completed: _____ Evaluator: _____

11. Perform vertical ventilation on a structure as part of a team, given an assignment, personal protective equipment, ground and roof ladders, and tools, so that ladders are positioned for ventilation, a specified opening is created, all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure and the team retreats from the area when ventilation is accomplished. (2013 NFPA 1001 § 5.3.12)

Date Completed: _____ Evaluator: _____

12. Overhaul a fire scene, given personal protective equipment, attack line, hand tools, a flashlight and an assignment, so that structural integrity is not compromised, all hidden fires are discovered, fire cause evidence is preserved and the fire is extinguished. (2013 NFPA 1001 § 5.3.13)

Date Completed: _____ Evaluator: _____

13. Conserve property as a member of a team, given salvage tools, equipment and an assignment, so that the building and its contents are protected from further damage. (2013 NFPA 1001 § 5.3.14)

Date Completed: _____ Evaluator: _____

14. Extinguish fires in exterior Class A materials, given fires in stacked or piled and small unattached structures or storage containers that can be fought from the exterior, attack lines, hand tools and master stream devices, and an assignment, so that exposures are protected, the spread of fire is stopped, collapse hazards are avoided, water application is effective, the fire is extinguished and signs of the origin area(s) and arson are preserved. (2013 NFPA 1001 § 5.3.8)

Date Completed: _____ Evaluator: _____

WILDLAND SUPPRESSION

(NFPA 1051 is the specific standard for wildland fire suppression and provides more detail than NFPA 1001. For those agencies involved in a high percentage of wildland fire suppression activities, or desiring to meet California State Fire Training "Capstone Certification", it is recommended to meet the detailed criteria noted NFPA 1051 sections.)

15. Recognize hazards and unsafe situations given a wildland or wildland/urban interface fire and the standard safety policies and procedures of the agency, so that the hazard(s) and unsafe condition(s) are promptly communicated to the supervisor and appropriate action is taken. *(2013 NFPA 1001 § 5.3.2 & 2012 NFPA 1051 § 5.5.3)*

Date Completed: _____ Evaluator: _____

16. Construct a fireline, given a wildland fire, agency line construction standards, suppression tools, water or other suppression agents and equipment, so that the fireline conforms to the construction standard. *(2103 NFPA 1001 § 5.3.19 & 2012 NFPA 1051 § 5.5.4)*

Date Completed: _____ Evaluator: _____

17. Secure the fireline, given a wildland fire and suppression tools, water or other suppression agents and equipment, so that burning materials and unburned fuels that threaten the integrity of the fireline are located and abated. *(2013 NFPA 1001 § 5.3.19 & 2013 NFPA 1051 § 5.5.5)*

Date Completed: _____ Evaluator: _____

18. Describe the methods to reduce the threat of fire exposure to improved properties given a wildland or urban/ interface fire, suppression tools and equipment so that improvements are protected. *(2013 NFPA 1001 § 5.3.19 & 2012 NFPA 1051 § 5.5.6)*

Date Completed: _____ Evaluator: _____

19. Mop up fire area, given a wildland fire, suppression tools, and water or other suppression agents and equipment, so that burning fuels that threaten escape are located and extinguished. *(2013 NFPA 1001 § 5.3.13 & 2012 NFPA 1051 § 5.5.7)*

Date Completed: _____ Evaluator: _____

20. Patrol the fire area, given a wildland fire, suppression tools and equipment, so that control of the fire area is maintained. *(2013 NFPA 1001 § 5.3.13 & 2012 NFPA 1051 § 5.5.8)*

Date Completed: _____ Evaluator: _____

APPENDIX

3rd EDITION, VOLUNTEER FIRE FIGHTER TRAINING SYLLABUS

5TH EDITION COURSE CONTENT

For those who wish to continue utilizing previous textbooks the following chart is from 2nd Edition of the Volunteer Fire Fighter Training Syllabus. This chart reflects *previous* time requirements and topics. This chart should be used in conjunction with the new Fire Fighter I requirements. Some topics indicated below have been moved to Fire Fighter II and time requirements in some cases have been reduced.



	Jones & Bartlett Fundamentals of Firefighting Skills 2nd Edition		IFSTA Essentials 5 th Edition	
SECTION/ACTIVITY	CHAPTER	TIME	CHAPTER	TIME
History & Orientation	1	4.3	1	4
Fire Fighter Safety	2	7.3	2	8.8
Fire Service Communications	3	3.4	19	5.9
Incident Command System	4	4.6	1	*
Fire Behavior	5	3.1	3	4.9
Building Construction	6	4.5	4	3.1
Portable Fire Extinguishers	7	7.9	6	5.3
Fire Fighter Tools and Equipment	8	5.6	Various	*
Ropes and Knots	9	7.8	7	7.9
Response and Size-up	10	3.3	Various	*
Forcible Entry	11	6.7	9	14.1
Ladders	12	8.2	10	10.3
Search and Rescue	13	7.3	8	8.5
Ventilation	14	8.4	11	9.9
Water Supply	15	3.6	12	5.4
Hose, Nozzles, Streams and Foam	16	17.1	13/14	17.6
Fire Fighter Survival	17	5.6	8	*
Salvage and Overhaul	18	6.7	17	9.2
Fire Fighter Rehabilitation	19	2.6	2	*
Fire Suppression	21	7.6	15	10.5
Pre-incident Planning	22	5.3	20	*
Fire Prevention and Public Education	35	4.6	20	4.0
Fire Protection Systems	36	4.3	16	4.8
Fire Cause Determination	37	2.9	18	2.8
NFPA Time Total		142.4		147
Fire Emergency Medical Care	23 & 24	40.0	21	40
Wildland and Ground Fires	20	24.0	15	24
Vehicle Rescue and Extrication	25	16.0	8	16
Confined Space	Special	8.0	Special	8.0
Hazardous Materials	27 – 33	16.0	22	16.0
Total Program Hours Including California Required Modules		246.4		241

* Topic contained in other units.



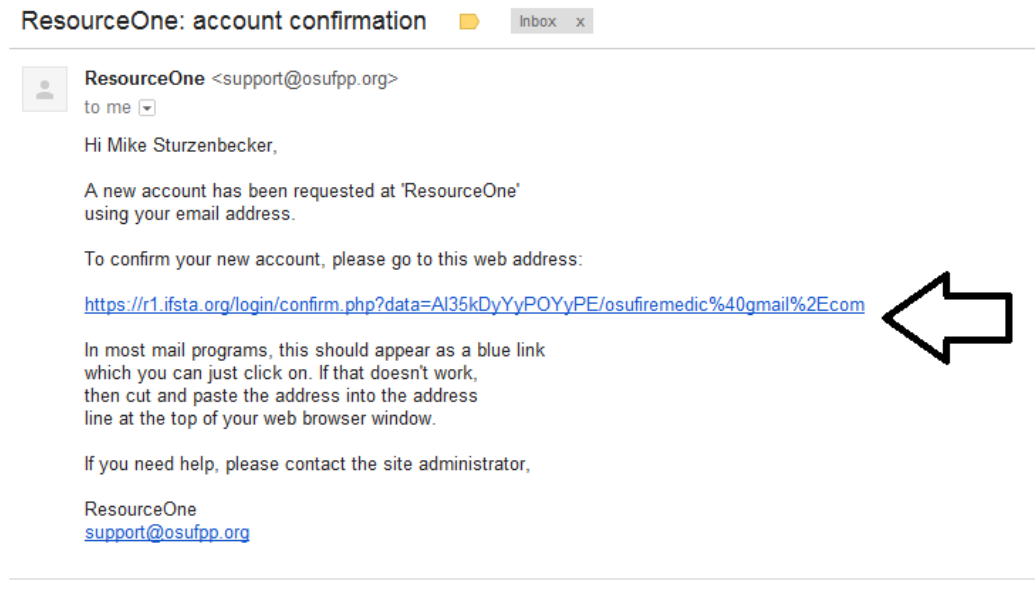
Fire Services Training Institute ResourceOne Login Instructions

Step 1. Please visit <https://r1.ifsta.org/login/index.php> and click Create New Account

Step 2. Create your account using your email address as your user name. Please remember that your password must have 8 characters and include an upper case letter, a lower case letter, and a number. Please also remember to click on the terms of acceptance at the bottom of the form.

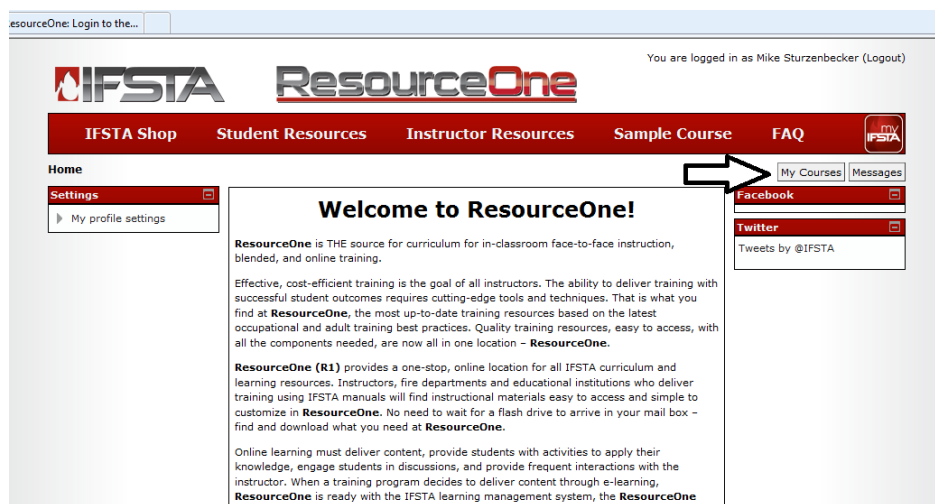
3rd EDITION, VOLUNTEER FIRE FIGHTER TRAINING SYLLABUS

Step 3. You will receive an email generated from the system to confirm your account. Please click on the link in the email to process the confirmation.



Your account is now active.

To access your FSTI course once enrolled, go to <https://r1.ifsta.org/login/index.php> and log in using your user name and password. Once logged in, click on My Courses in the upper right corner of your screen. You will then see the link to enter your course.





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