MISSION

The Division of Fire Safety provides proactive statutory enforcement, regulatory oversight, and education to protect all lives and property from the devastation of fires, explosions and life safety perils.
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Certification Process

The guidelines for the state certification program are designed to ensure the following: accountability, consistency, and credibility of instruction, testing, and certification of first responders and public sector officials and employees in the State of Missouri.

Goals of the Certification Program:

1. To raise the level of fire protection for the State of Missouri.

2. To improve training and education for first responders and public sector officials and employees.

3. Establish minimum basic training standards for first responders and public sector officials and employees.

4. Issuance of certificates to persons who complete requirements for certification and pass the required state examinations.

5. To maintain records of persons who have attained state certification.

Fire Fighter I and II Certification is provided through the Missouri Department of Public Safety, Division of Fire Safety. This certification is internationally accredited by the International Fire Service Accreditation Congress (IFSAC) and the National Board on Fire Service Professional Qualifications (ProBoard). The Missouri Division of Fire Safety shall certify individuals at the levels of Fire Fighter I and II based on a combination of requirements and qualifications.

The Missouri Division of Fire Safety subscribes to the policy of nondiscrimination in areas of race, color, religion, sex, age, national origin, and the handicapped. Entry level qualifications are reviewed to ensure that each applicant meets the specified requirements.
Fire Fighter I and/or II Course Guide

I. Approved Courses

A. The IFSTA, Essentials of Fire Fighting, 7th Edition is the sole approved curriculum for Fire Fighter I and/or II certification eligibility.

1. Fire Fighter I course delivery requires Chapters 1-15 and Chapter 27.
2. Fire Fighter II course delivery requires Chapters 16-22.
3. Fire Fighter I and II course delivery requires Chapters 1 – 22 and Chapter 27.

B. Each student participating in an approved course delivery must have the following materials:

1. Division of Fire Safety Fire Fighter I and/or II Practical Skills Book
2. Essentials of Fire Fighting, 7th Edition, IFSTA textbook

II. Fire Fighter I and/or II Instructor Requirements

A. The course must be pre-approved by the Division of Fire Safety prior to course delivery.

B. The following course instructor requirements must be met for course approval for students to be eligible for certification:

1. Lead Instructors (must be approved by the Division of Fire Safety prior to course delivery):
   a) Certified by the Division of Fire Safety as Fire Service Instructor II or higher.
   b) Certified by the Division of Fire Safety as Fire Fighter II.
   c) Certified by the Division of Fire Safety as a Live Fire Training Evolutions – Instructor (if instructing any part of the practical skills of Fire Suppression)
2. Assisting Instructors (must be approved by the Division of Fire Safety prior to course delivery):
   
   a) Certified by the Division of Fire Safety as Fire Service Instructor I or higher.
   
   b) Certified by the Division of Fire Safety as Fire Fighter II.
   
   c) Certified by the Division of Fire Safety as a Live Fire Training Evolutions – Instructor (if instructing any part of the practical skills of Fire Suppression).

III. Procedure for Course Approval

A. Course Approval

1. To conduct the Division of Fire Safety's Fire Fighter I and/or II program, an "Application for Fire Fighter I and/or II Course Delivery" detailing when and where the course is to be delivered, course completion date, course Lead Instructor, and the person responsible for record keeping must be submitted to the Division of Fire Safety for review and approval prior to the start of the course.

2. Courses will be approved only for departments who are currently registered with the Division of Fire Safety, approved academies, schools, and training entities.

3. Types of Course Delivery

   a) Fire Department, Fire Department Academy or other approved training entities.

      (1) Course deliveries must be concluded within one (1) year of the start date.

      (2) Students must obtain the age of 18 prior to any certification testing.

   b) High School Program deliveries

      (1) Two (2) year registered program.
(a) Program is registered for incoming juniors and delivered during their junior and senior years.

(b) Course begins on the first day of the school year and concludes on the last day of the following school year.

(c) The student must have concluded the first year of the program to be eligible to enter the second year of the program. At no time will a senior be accepted into the program without having completed the junior year of the program.

(d) Incoming juniors will not be intermixed with seniors that are starting their second year in the program.

(e) Students must attain the age of 17 years prior to March 1st of their senior year.

(f) ALL testing will be conducted any time after March 1st of their senior year. All Hazardous Materials testing will be conducted prior to any Fire Fighter I and/or II testing is conducted.

(2) Senior year program only.

(a) This program is for senior year students only.

(b) Course begins at the start of the student’s senior year and must be concluded by the last day of the school year.

(c) Students must attain the age of 17 years prior to March 1st of their senior year.

(d) ALL testing will be conducted any time after March 1st of their senior year. All Hazardous Materials testing will be conducted prior to any Fire Fighter I and/or II testing is conducted.
4. Once reviewed and approved, an official email of approval will be sent to the Lead Instructor. No course will be eligible for certification testing that has not been pre-approved by the Missouri Division of Fire Safety.

5. No student will be allowed to test who has not successfully completed the course or has not submitted the required documentation to the Division.

6. A "Fire Fighter I and/or II Assisting Instructor List" must be submitted prior to the start of the approved course.

7. A completed “Equipment and Facilities Agreement” (found in the back of this booklet) must be submitted with the "Application for Fire Fighter I and/or II Course Delivery”.

B. After Course Approval

1. Within thirty (30) days after the start of the course, the Lead Instructor will submit to the Division of Fire Safety, a completed "Application for Fire Fighter I & II Course Enrollment" form for each student.

   a) Included with the submission of the "Application for Fire Fighter I and/or II Course Enrollment" the following documents must be submitted:

      (1) A copy of the student's educational records as described in the certification eligibility requirements.

      (2) A copy of the student's valid state or federal issued identification.

C. Course Practical Skills

1. All students shall meet proficiency in all practical skills contained in the Practical Skills Book during the delivery of the course and prior to practical skill testing. Any students that have not shown proficiency will be considered as failing the course and will not be eligible for written or practical skill testing.

2. Live Fire Skills (Refer to suggested schedule of course delivery)
a) In accordance with NFPA 1001-2019, several live fire skills must be successfully performed. It is not acceptable to perform only a selection of these skills. The student must be proficient in performing these skills during the course and prior to practical skill testing.

(1) The Fire Fighter I skills include the control of the following live fires:

(a) NFPA 1001-2019, 4.3.7: passenger vehicle fire

(b) NFPA 1001-2019, 4.3.8: Piles/stacks of Class A combustible materials (exterior)

(c) NFPA 1001-2019, 4.3.8: Storage containers (exterior dumpster/trash bin)

(d) NFPA 1001-2019, 4.3.8: Small structures (exterior attack)

(e) NFPA 1001-2019, 4.3.10: Interior structure fire at grade

(f) NFPA 1001-2019, 4.3.10: Interior structure fire above grade

(g) NFPA 1001-2019, 4.3.10: Interior structure fire below grade

(h) NFPA 1001-2019, 4.3.19: Ground cover fire

(2) The Fighter II skills include the control of the following fires:

(a) NFPA 1001-2019, 5.3.1: Exterior ignitable liquid fire

(b) NFPA 1001-2019, 5.3.2: Coordinating an interior attack

(c) NFPA 1001-2019, 5.3.3: Flammable gas cylinder fire

3. Vehicle Extrication Skills (Refer to suggested schedule of course delivery)
Fire Fighter I and/or II

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a) In accordance with NFPA 1001-2019, vehicle extrication skills must be successfully performed. All skills listed in the skills book must be performed. The student must be proficient in performing these skills during the course and prior to practical skill testing.

(1) NFPA 1001-2019, 5.4.1: Vehicle extrication: windshield removal

(2) NFPA 1001-2019, 5.4.1: Vehicle extrication: vehicle door removal

(3) NFPA 1001-2019, 5.4.1: Vehicle extrication: vehicle roof removal

(4) NFPA 1001-2019, 5.4.1: Vehicle extrication: displacing a dashboard

4. Examination of Practical Skills.

a) For procedures on how to schedule and conduct Live Fire and Vehicle Extrication Practical Skills testing refer to page 10.

5. The Lead Instructor will verify that the student has successfully reached a proficiency level for each practical skill by completing the training record in the Practical Skills Book indicating the student has achieved proficiency in accordance with the Job Performance Requirements (JPRs) as identified in NFPA 1001-2019.

D. Hazardous Materials Training

1. It is the responsibility of the Lead Instructor of a Fire Fighter I course to ensure there is a Hazardous Materials Awareness and Operation class attached to their Fire Fighter I course.

2. NO student will be eligible to test for a Fire Fighter I exam, until they have successfully completed the certification requirements of Hazardous Materials Operations.
3. To be eligible for Fire Fighter I certification, individuals must be certified by the Division of Fire Safety at the Hazardous Materials Awareness and Operational levels. These classes must meet the requirement of NFPA 1072-2017, Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications. These classes are available through:

   a) Missouri Fire and Rescue Training Institute, MU Extension  
      (Hazardous Materials Awareness course online only)
   b) Missouri Emergency Response Commission
   c) Local Emergency Planning Committees.
   d) Be delivered as a stand-alone course at the local entity using the following curriculum:
      
   e) Be delivered as an integrated course at the conclusion of the delivery of the Fire Fighter I program by including chapters 24-26 of the IFSTA, Essentials of Fire Fighting, 7th Edition.

E. The individual training records for each student shall be maintained by the course Lead Instructor and are to remain on file with the sponsoring agency, academy, or school according to their respective agency record retention schedule. Course records should include the following information:

   1. Name of student
   2. Home and work address
   3. Fire department/agency
   4. Last four numbers of his or her Social Security Number
   5. Course host agency
   6. Class attendance, including hours attended for each class
7. The original "Fire Fighter Training Record" for each student indicating results of practical skill proficiency and end of course exam scores indicated as a percentage. Students must pass the end of course exam with a minimum score of 70%. The student is given two (2) attempts to achieve a passing score on the end of course exam. The second attempt will be a different exam from the first one given.

   a) Fire Fighter I End of Course Exam.

      (1) Consist of 100 questions that meet the JPRs as stated in NFPA 1001-2019, chapters 2-4.

      (2) Generated from the IFSTA, Essentials of Fire Fighting, 7th edition curriculum package from chapters 1-15, 23 and 27.

   b) Fire Fighter II End of Course Exam.

      (1) Consist of 100 questions that meet the JPRs as stated in NFPA 1001-2019, chapter 2, 3 and 5.

      (2) Generated from the IFSTA, Essentials of Fire Fighting, 7th Edition curriculum package from chapters 16-22 and 27.

F. The local authority having jurisdiction shall agree to an inspection of course records at a reasonable hour if deemed necessary by the Division of Fire Safety.

G. After course completion

   1. The Lead Instructor of the course will submit a copy of each student's "Fire Fighter Training Record", to the Division at least 14 calendar days PRIOR to the “End of Course Practical Skill Exam” date. This deadline is necessary for the Division to prepare the appropriate skill exams for the students that successfully completed the course, and then to send the practical skill packet to the Supervising Evaluator before the test date.
Fire Fighter I and/or II Practical Skill Exams

IV. Practical Skill Exams - Student Eligibility

A. Students who have successfully completed an approved Fire Fighter I and/or II course as verified by the Lead Instructor are eligible for the Fire Fighter I and/or II practical skill certification exams.

V. Live Fire and Vehicle Extrication Practical Skill Exams

A. After completing the delivery and practical skill instruction of Live Fire and Vehicle Extrication skills and prior to the conclusion of the course, the Lead Instructor may apply for Live Fire and Vehicle Extrication Practical Skill Exams by completing the “Application for Evaluator Approval of Live Fire and Extrication” form and submitting it to the Division of Fire Safety. (Refer to suggested schedule of course delivery). The skills to be tested during Fire Fighter I and/or II Live Fire Evolutions and Vehicle Extrication can be found in the appropriate test booklets located on-line.

B. The Lead Instructor must submit these applications no less than fourteen (14) calendar days prior to the exam dates.

C. For each Live Fire practical skill exam, there must be a minimum of four (4) evaluators. This will include one (1) Supervising Evaluator and a minimum of three (3) evaluators present to conduct the exam. For the Vehicle Extrication practical skill exam, there must be a minimum of three (3) evaluators. This will include one (1) Supervising Evaluator and a minimum of two (2) evaluators present to conduct the exam.

D. After the Division receives an application, the Division will send a confirmation email to the Lead Instructor and all evaluators involved containing instructions and/or documents to conduct these exams.

VI. End of Course Practical Skill Exam

A. Application for Fire Fighter I and/or II Practical Skill End of Course Exam

1. Host agency must apply for practical skill testing thirty (30) calendar days PRIOR to the exam date.
2. The Lead Instructor must complete the “Application for Practical Skill End of Course Exam” form and submit it to the Division of Fire Safety for pre-approval.

3. No End of Course Exam will be approved and transmitted to the Supervising Evaluator without all required course and student documentation being submitted to the Division of Fire Safety.

VII. Assignment of all Practical Skill Exam Evaluators

A. Evaluator Requirements

1. Supervising Evaluator

   a) Cannot have any contact as an instructor for the class to be tested.

   b) Be certified by the Division of Fire Safety as a Fire Service Instructor II or higher.

   c) Be certified by the Division of Fire Safety at the level he or she is evaluating. For example, in order to evaluate Fire Fighter II, evaluator certification must be at the Fire Fighter II level.

   d) Qualifies as an approved Evaluator by the Division of Fire Safety for Fire Fighter I & II Certification Practical Exams.

   e) For Live Fire Testing only, be certified by the Division of Fire Safety to NFPA 1403.

   f) The Division understands that at times evaluators may be assigned to practical skill exams in which students of their departments may be participants. At no time shall an evaluator evaluate members of their own departments. Evaluators shall excuse themselves from their respective skill station and an evaluator that is not a member of the student’s department will conduct the student’s evaluations. It is the responsibility of the Supervising Evaluator to ensure students are not evaluated by their own department members.

   g) Agrees to abide by all of the rules and conditions stipulated by the Division of Fire Safety and signs an “Evaluator Code of Ethics” form for each exam administered.
2. Evaluator

   a) Cannot have any contact as an instructor for the class to be tested.

   b) Be certified by the Division of Fire Safety as a Fire Service Instructor I or higher.

   c) Be certified by the Division of Fire Safety at the level he or she is evaluating. For example, in order to evaluate Fire Fighter II, evaluator certification must be at the Fire Fighter II level.

   d) Qualifies as an approved Evaluator by the Division of Fire Safety for Fire Fighter I & II Certification Practical Exams.

   e) For Live Fire Testing only, be certified by the Division of Fire Safety to NFPA 1403.

   f) The Division understands that at times evaluators may be assigned to practical skill exams in which students of their departments may be participants. **At no time shall an evaluator evaluate members of their own departments.** Evaluators shall excuse themselves from their respective skill station and an evaluator that is not a member of the students department will conduct the student’s evaluations.

   g) Agrees to abide by all of the rules and conditions stipulated by the Division of Fire Safety and signs an “Evaluator Code of Ethics” form for each exam administered.

B. All evaluators for all practical skill testing must be pre-approved prior to any skill exam. The Division has the right to approve or deny any evaluator.

C. Once all evaluators are approved for the Practical Skill Exam, the Division will email a copy of the Fire Fighter I and II Practical Skills Book all evaluators prior to the Practical Skill Examination.

VIII. Fire Fighter I and/or II Practical Skill Testing Procedures

A. Testing Locations

   1. The Lead Instructor must ensure that adequate space and facilities are available for manipulative skills testing. Supervising Evaluators shall not administer any examinations where adequate facilities are unavailable.
B. Live Fire Practical Skills Testing

1. The host agency will provide adequate facilities and equipment to conduct Live Fire Practical Skills testing in accordance with NFPA 1403 to include, a designated rehab area for students and evaluators, designated EMS personnel to monitor students and evaluators. The host agency will provide an NFPA 1403 certified Instructor-in-Charge (IIC), Safety Officer, and ignition team to conduct and coordinate the live fire evolutions. The Safety Officer must meet the same requirements as the IIC. The host agency will also provide adequate support personnel as outlined in NFPA 1403 to conduct the live burn testing. The Supervising Evaluator is to manage the students and the testing process. The Evaluators are to evaluate the student’s performance during the live burn evolutions. **AT NO TIME shall the Supervising Evaluator and/or the Evaluators are to operate as the IIC, Safety Officer, as part of the ignition team or function in any other role during the testing process.**

2. A burn plan and site safety plan will be developed by the IIC and Safety Officer.

3. **A copy of the burn plan shall be included with the practical skill examination documents to be returned to the Division.**

4. The IIC and Safety Officer will conduct a pretest briefing with all participants of the Live Fire Practical Skills exam, to include all support personnel.

5. The course Lead Instructor will provide a pre-printed sign-in roster to the Supervising Evaluator stating that all the students have met the training requirements as designated by NFPA 1403. No students are to be added to the sign-in roster unless the following condition has been met.

   a) **Any student that reports for Live Fire Practical Skill testing that has attended a class other than the class registered to test or has meet the requirements for Equivalency Testing, must have a document of approval from the Division of Fire Safety stating the student has met the training requirements as designated by NFPA 1403. No students shall be tested unless this condition has been met. This document must be presented to the Supervising Evaluator prior to adding them to the sign-in roster. It shall be attached to the sign-in roster and returned with all testing documents to the Division.**
C. Fire Fighter I and II Vehicle and End of Course Practical Skill Exams Safety Plan

1. During practical skills testing, the safety of all candidates, evaluators, and support staff is of primary importance. The Supervising Evaluator must ensure that all personal protective equipment, apparatus, and equipment to be used for the test shall meet or exceed applicable NFPA Standards or their equivalent. Supervising Evaluators shall not administer any examination where those standards have not been met and shall immediately contact the Division of Fire Safety.

2. The host agency, where the test is to be conducted, has the ultimate responsibility for the safety of all parties involved in the testing process. A Safety Officer shall be selected from either the support staff or from the available members of the fire department who are not testing. This Safety Officer should be an individual with sufficient training and experience to determine potential safety problems and take corrective action.

3. A safety plan will be completed by the Safety Officer and the Supervising Evaluator. Once completed, all students, evaluators and support staff will be briefed on the safety training plan prior to the commencement of any practical skills testing being conducted.

4. The Supervising Evaluator and Safety Officer shall brief all assisting evaluators and support staff on specific safety precautions and procedures for certain skills. The Safety Officer shall operate in a roving fashion to ensure that all evolutions are being conducted in a safe manner. The Safety Officer has the authority, regardless of rank, to stop any activity immediately if a dangerous condition or act is observed. Any individual involved with the testing process who observes a potentially hazardous condition must report it to the Safety Officer or an evaluator.

D. All injuries shall be reported to the lead instructor and/or lead evaluator at the first available opportunity. For injuries requiring medical treatment beyond basic First Aid, the injury must be reported to the Division of Fire Safety at the first available opportunity.

E. Supervising Evaluator’s primary responsibilities for Vehicle and End of Course Practical Skill Exams include:

1. Conducting a site and prop safety check.

2. Prepare a Safety Plan with the assistance of the designated Safety Officer.
3. Conduct a pre-test briefing with the evaluators.
5. Supervise evaluators.
6. Manage the flow of students to each practical skills station.
7. Conduct or assign all re-tests of students failing any practical skill station.
8. Ensure each student’s paperwork is correctly and completely filled out by each evaluator.
9. Complete the Practical Skills Summary sheets, sign Summary sheet and review with student by having the student sign the Summary sheet.
10. Mail all testing documents to the Missouri Division of Fire Safety within 72 hours of completing any Practical Skill Testing.

F. Evaluator responsibilities for all Practical Skill Testing include:
1. Assist in the student sign-in and verification of identification process.
2. Conduct practical skill station evaluations of student performance.
3. Conduct re-tests of students that were initially evaluated by another evaluator, if assigned by the Supervising Evaluator.
4. Ensure each student’s paperwork is completed at the conclusion of each skill station.

G. **IMPORTANT:** Individuals arriving at the practical skill certification test with facial hair that comes into contact with the SCBA face piece shall not be allowed to test. Exam evaluators have the authority to deny testing to these individuals. Ref: NFPA 1500 and OSHA ruling 29 CFR 1910.134(g)(1)(i)Evaluator Requirements.
IX. Live Fire and Vehicle Extrication Skill Testing Procedures

A. Practical Skills Exam Test Date Approval

1. The Division will send a confirmation email to the Lead Instructor and all approved evaluators prior to the practical skill exam listing:

   a) The assigned Supervising Evaluator.

   b) All approved evaluators.

   c) Date and location of the Practical Skills exam.

   d) Any instructions not covered in this policy booklet.

   e) A link to the online Fire Fighter I and/or Fire Fighter II Practical Skills Exam Books for their review and for the students to use during testing.

B. The Division approved evaluators will be present and in close proximity to observe the live burn testing and/or vehicle extrication testing to determine successful completion of the required skills, as specified on the Live Fire and Vehicle Extrication Practical Skill Testing form provided by the Division of Fire Safety. The practical skill sheets provide the specific steps to be accomplished for each type of live burn and vehicle extrication. Evaluators are not to only watch as students enter a structure for an interior attack skill but must be present with the students inside of the burn room to observe their tactics.

C. The evaluator witnessing the students performing the skills for the live burn exercise and/or vehicle extrication at each skill station must sign the students' Live Fire and/or Vehicle Extrication Practical Skills Testing form for the specific skill and indicate pass/fail for that skill.

D. "Simulated" fires are not acceptable; all of the listed fires as outlined in Section IV must involve live burns. In areas where environmental or other concerns restrict the use of Class A fuels for training evolutions, properly installed and monitored gas-fueled fire simulators may be substituted.

E. Live fires involving the use of portable fire extinguishers are not eligible for a Live Fire Practical Skill Testing.
X. End of Course Practical Skill Exam Procedures

A. Practical Skills Exam Test Date Approval

1. The Division will send a confirmation email to the Lead Instructor and all approved evaluators prior to the practical skill exam listing:

   a) The assigned Supervising Evaluator.

   b) All approved evaluators.

   c) Date and location of the Practical Skills exam.

   d) Any instructions not covered in this policy booklet.

   e) A copy of the Fire Fighter I and II Practical Skills Book for their review.

2. The Division will email randomly chosen skills from the Fire Fighter I and/or II End of Course Exam Book to the Supervising Evaluator approximately no more than two calendar days prior to the scheduled practical skill exam.

3. Practical Skill Exam

   a) Any of the practical skills in the Fire Fighter I and/or II End of Course Exam Book are eligible to be tested during the Practical Skill Exam.

   b) Fire Fighter I and/or Fire Fighter II Practical Skills are tested by a random selection of skills assigned by the Division.

   c) Student Performing Individual Skills

      (1) Student Performance

         (a) Prior to the student performing the assigned practical skill at a skill station, the evaluator will hand a copy of the selected skill sheet to the student for their review.

         (b) The evaluator will allow the student a 1 minute review of the skill sheet.

         (c) After completing the skill sheet review, the evaluator will then take back possession of the skill sheet given to the student.
(d) When the student is ready, the evaluator will read the instruction statement to the student and have the student perform the skill.

(2) The steps required to successfully perform the exam skills are identical to those outlined in the students Practical Skills Book. However, the elements on the evaluator skills checklists have been prioritized to indicate which steps result in immediate failure of each skill.

(3) The priority steps involve either items vital to proper completion of the skills or safety issues. Depending on the skills, the candidate is allowed to miss one or two of the remaining steps.

(4) The number of steps allowed to be missed is identified on each skill checklist. Evaluator will not advise candidates which elements are priority steps.

d) A student must successfully demonstrate all practical skills tested at each skill station during the Fire Fighter I and/or II Practical Skill Exam.

e) Each student is allowed two attempts to successfully demonstrate a given skill.

f) If a student fails a skill, requests for a second attempt on a failed skill station must be directed to the Supervising Evaluator.

 g) The second attempt shall be conducted by the Supervising Evaluator, unless assigned to an evaluator that did not conduct the initial attempt.

h) Students who need a second attempt are not allowed to confer with other students, instructors, or evaluators to relearn/practice a skill. Students may review the Fire Fighter I and II Practical Skills Book but no other references are allowed.

i) During the second attempt, the student re-testing will only be required to repeat the skill station originally failed and must complete the entire skill not just the portion of the skill the student initially failed.
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j) A student must successfully demonstrate mastery of each priority step within each specific skill. If a student fails one particular skill, after having two attempts, he or she fails the entire practical skill exam.

k) Should the student fail the practical exam, he or she will be required to take an approved Fire Fighter I and/or Fire Fighter II course again before being allowed to take another test for the same certification level.
Suggested Order of Course Delivery

The Division suggests the following order of delivery of the course for the student to be successful in obtaining certification. Even though this is a suggestion, some chapters and pre-requisite training must be delivered prior to performing certain practical skills and/or putting the student into an IDLH environment.

1. NIMS ICS – 100, 200 and 700 prior to the first day of class or during the first two weeks of class as homework
2. Chapter 27 – National Incident Management System – Incident Command Structure
3. Hazardous Materials – Awareness and Operations (as a stand-alone class, Hazardous Materials Guide for Lead Instructor) *skip if delivering as a combined course*
   b. Hazardous Materials – Awareness and Operations written certification exams
4. Approved CPR/AED First Aid Course (as required by the students)
5. Chapters 1 – 15
6. Live Fire Practical Exam *(if course is registered as a Fire Fighter I only)*
7. Fire Fighter I End of Course Exam *(if course is registered as a Fire Fighter I only)*
8. Fire Fighter I written certification exam *(if course is registered as a Fire Fighter I only)*
9. Chapters 16 – 17
10. Vehicle Extrication Practical Skill exam

11. **Technical Rescue - Core using Jones and Bartlett curriculum (if delivering this course in conjunction with a Fire Fighter I and II course)**
   a. **Student must have the NIMS ICS classes, Chapters 27, 7, 17 and an approved CPR/AED First Aid course minimum prior to taking this course**
12. Chapters 18 – 19
13. Live Fire Practical exams for Fire Fighter I *(if not completed earlier)* and Fire Fighter II
14. Chapters 20-22
15. Fire Fighter I and II end of course exam
16. Fire Fighter I and II written certification exam
17. Chapters 24 – 26 **ONLY** for a combined Hazardous Materials course with Fire Fighter I and II using the same text.
   b. Hazardous Materials – Awareness and Operations written certification exam

All practical skill instructional delivery should be at the conclusion of each chapter or respective course. Students must show proficiency in all of the practical skills in order to pass the course and be eligible for practical skill testing.
Required Minimum Equipment and Facilities

Fire Fighter I

During the delivery of the Fire Fighter I course the following equipment and facilities must be available on an as needed basis. During the administration of the Fire Fighter I Certification Examinations, any practical skill listed in the student’s practical skills book is eligible to be selected for testing. The following equipment and facilities must be available on the scheduled testing days.

For all skills to be conducted the students must utilize appropriate PPE for the skill to be performed. Types of PPE that may be required are full set of turn-out gear, to include helmet, hood, gloves, eye protection, boots, respiratory protection, vapor protection, liquid-splash protection, and bio-hazard protection.

Chapter 1 Introduction to the Fire Service and Firefighter Safety

**Equipment:** All types of scene lighting to include portable power plant, traffic cones and traffic control devices and apparatus

**Facilities:** Area suitable to conduct skills.

Chapter 2 Communications

**Equipment:** Radio equipment

**Facilities:** Area suitable for demonstration of radio equipment use

Chapter 5 Fire Fighter Personal Protective Equipment

**Equipment:** One (1) SCBA’s and two spare cylinders for each two (2) students, SCBA refilling equipment, equipment as stated above

**Facilities:** Area suitable for inspection and donning of SCBA

Chapter 6 Portable Fire Extinguishers

**Equipment:** One pressurized water extinguisher and One Class A, One Class B or combination extinguisher for each 2 students (size of extinguisher to be 10 lb minimum)

**Facilities:** Live burn areas and sufficient fuel for Class A and Class B fires for each student to extinguish both types of fires

Chapter 7 Ropes and Knots

**Equipment:** 4 lengths of rope (50’ to 100’), 6’- 10’ lengths of utility or life safety rope for each student, various equipment for hoisting, various cleaning equipment

**Facilities:** Area suitable for tying knots and hoisting equipment
Fire Fighter I (continued)

Chapter 8 Ground Ladders

**Equipment:** One roof ladder and one extension ladder (24’ minimum), personal safety device, various cleaning equipment

**Facilities:** Sufficient area for carrying and raising ladders, roof area for roof ladder evolution

Chapter 9 Forcible Entry

**Equipment:** Minimum of three types of each of the following categories of equipment: cutting tools, prying tools, pushing/pulling tools, striking tools, and various props

**Facilities:** Area with door for prying and window for demonstration of breaking glass

Chapter 10 Structural Search and Rescue

**Equipment:** Assortment of equipment previously listed, air monitoring equipment, rescue mannequin, litter, flashlight, portable radio equipment, smoke generating equipment or black-out material for SCBA

**Facilities:** Room or structure either furnished or set up as maze, with obstacles and restrictive openings, sufficient for search and rescue skills and for a lost or disoriented fire fighter to call for assistance. (minimum of 20’ by 20’ and maximum of 50’ by 50’)

Chapter 11 Tactical Ventilation

**Equipment:** Assortment of equipment previously listed, fans

**Facilities:** Roof area for cutting of ventilation hole (pre-cutout simulators area acceptable), structure to ventilate

Chapter 12 Fire Hose

**Equipment:** Assortment of 1.5” – 3” hose, spanner wrench, Fog nozzle, solid stream nozzle, master stream device, gated wye and/or siamese, hose clamp, apparatus or simulated hosebed, and various cleaning supplies

**Facilities:** Sufficient area for hose rolling, loading, and connecting

Chapter 13 Hose Operations and Hose Streams

**Equipment:** Various equipment as previously listed, hose (2.5” or larger), hard suction hose, hydrant, apparatus, hydrant, and portable water tanks as well as the equipment necessary to draft

**Facilities:** Sufficient area for making hydrant/water supply connections
Chapter 14 Fire Suppression*

**Equipment:** All equipment listed above and sprinkler head wedges or tongs, each student will require a complete set of PPE, including an SCBA and 1 spare SCBA bottle or ability to refill bottles on the training ground

**Facilities:** Area with open sprinkler head supplied with water, system main valve, system fire department connections or sufficient prop
- Passenger vehicle suitable for live burn
- Piles/stacks of Class A combustible materials (exterior)
- Storage container (dumpster/trash bin)
- Small unattached structure (exterior)
- Burn building for interior fire attack *for at grade, above grade and below grade*

*(Acquired structures are NOT approved for training or testing)*

Area for live burn of ground cover.

Chapter 15 Overhaul, Property Conservation and Scene Preservation

**Equipment:** Various equipment as previously listed, thermal imaging camera (if available) and salvage covers

**Facilities:** Area of sufficient size for folding and deploying salvage covers and assembly of catchall and water chutes, Area suitable for demonstration of searching for hidden fires.

*Note for Live Burn Evolutions:

NFPA 1001-2019, A.4.3.8: The Fire Fighter I should be able to extinguish fires in stacked or piled materials such as hay bales, pallets, lumber, piles of mulch, sawdust, other bulk Class A materials, or small unattached structures that are attacked from the exterior. The tactics for extinguishing each of these types of fires are similar enough to be included in one JPR.

In areas where environmental or other concerns restrict the use of Class A fuels for training evolutions, properly installed and monitored gas-fueled fire simulators might be substituted.

Live fire evolutions shall be conducted in accordance with the requirements of NFPA 1403, Standard on Live Fire Training Evolutions.
Required Minimum Equipment and Facilities

Fire Fighter II

During the delivery of the Fire Fighter II course the following equipment and facilities must be available on an as needed basis. During the administration of the Fire Fighter II Certification Examinations, any practical skill listed in the student’s practical skills book is eligible to be selected for testing. The following equipment and facilities must be available on the scheduled testing days.

For all skills to be conducted the students must utilize appropriate PPE for the skill be performed. Types of PPE that may be required are full set of turn-out gear, to include helmet, hood, gloves, eye protection, boots, respiratory protection, vapor protection, liquid-splash protection, and bio-hazard protection.

Chapter 17 Technical Rescue Support and Vehicle Extrication Operations

*Equipment:* various equipment listed in Fire Fighter I, electric, hydraulic and/or pneumatic extrication equipment, cribbing/shoring, general passenger vehicles for extrication skills

*Facilities:* Area suitable for vehicle extrication, area suitable for operation and inspection of power plant, tools and equipment

Chapter 18 Foam Fire Fighting, Liquid Fires and Gas Fires*

*Equipment:* equipment listed in Fire Fighter I, foam, foam nozzle and foam eductor

*Facilities:* Exterior ignitable liquid live burn area (see note below)

Flammable gas cylinder live burn

Chapter 19 Incident Scene Operations*

*Equipment:* Equipment as described for Fire Fighter I and Chapter 18, blank report forms, writing supplies

*Facilities:* Burn building for interior fire attack and coordination (see note below), area suitable for report completion

Chapter 20 Fire Origin and Cause Determination

*Equipment:* Various equipment as stated in Fire Fighter I

*Facilities:* Fire damaged area containing potential fire origin and cause evidence

Chapter 22 Community Risk Reduction

*Equipment:* Clip board, writing supplies, suitable fire safety presentation with any needed supporting props

*Facilities:* Building suitable for fire safety survey, for conducting pre-incident survey and for fire safety presentation delivery to target audience.
**Fire Fighter II (continued)**

*Note for Live Burn Evolutions:*

**NFPA 1001-2019, A.5.3.1:** The Fire Fighter II should be able to accomplish this task with each type of foam concentrate used by the jurisdiction. This could include the use of both Class A and B foam concentrates on appropriate fires. When using Class B foams to attack flammable or combustible liquid fires, the Fire Fighter II should extinguish a fire of at least 100 ft² (9 m²). The Fire Fighter II is not expected to calculate application rates and densities. The intent of this JPR can be met in training through the use of training foam concentrates or gas-fired training props.

**NFPA 1001-2019, A.5.3.2:** The Fire Fighter II should be able to coordinate the actions of the interior attack line team at common residential fire and small business fires in the fire department’s district.

In areas where environmental or other concerns restrict the use of Class A fuels for training evolutions, properly installed and monitored gas-fueled fire simulators might be substituted.

Live fire evolutions shall be conducted in accordance with the requirements of **NFPA 1403**, Standard on Live Fire Training Evolutions.
Equipment and Facilities Agreement

As a representative of the ____________________________________________________________
applying for the delivery of a Fire Fighter I and /or II program, I hereby certify that the agency I
represent DOES NOT own all of the above mentioned equipment and facilities to fully conduct a
Fire Fighter I and/or II program.

We have cooperating agreements or Memorandums of Understanding with the following entities:

_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________

to use the following equipment and/or facilities:

_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________

_________________________________________________________________________________

to fully conduct a Fire Fighter I and/or II program. (attach additional pages as required)

Agency Representative Signature:_____________________________________________________

Agency Representative Name: (Print)__________________________________________________

Date:________________

As a representative of the ____________________________________________________________
applying for the delivery of a Fire Fighter I and/or II program, I hereby certify that the agency I
represent has ownership of ALL of the above mentioned equipment and facilities to fully conduct a
Fire Fighter I and/or II program.

Agency Representative Signature:_____________________________________________________

Agency Representative Name: (Print)__________________________________________________

Date:________________
Fire Fighter I and/or II Course Instructors

Host Agency: ________________________________________________________________

Course Location: ____________________________________________________________

LEAD INSTRUCTOR: _________________________________________________________

THIS FORM MUST BE SUBMITTED TO THE DIVISION PRIOR TO THE START OF THE COURSE OR AFTER ADDING ADDITIONAL INSTRUCTORS. INSTRUCTORS MUST BE PRE-APPROVED BY DFS PRIOR TO THEM DELIVERING ANY PORTION OF THE COURSE. All Instructors used during the course delivery must be listed, including those for Live Fire Training Evolutions.

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<tr>
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Submit additional pages if required
Application for Evaluator
Confirmation of
“Live Fire & Vehicle Extrication
Practical Skills Testing”

To be completed by the Course Lead Instructor

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<tr>
<th>Host Agency for Course</th>
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<tr>
<th>Testing Location</th>
<th>Test Date and Starting Time</th>
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Choose all skills that will be evaluated at the location and date listed above

**Fire Fighter I Skills**

- [ ] 4.3.10: Fire Control – interior structure fire – at grade level
- [ ] 4.3.19: Fire Control – ground cover fire
- [ ] 4.3.10: Fire Control – interior structure fire – above grade level
- [ ] 4.3.7: Fire Control – passenger vehicle fire
- [ ] 4.3.10: Fire Control – interior structure fire – below grade level
- [ ] 4.3.8: Fire Control – exterior combustibles

**Fire Fighter II Skills**

- [ ] 5.3.1: Fire Control – exterior ignitable liquid fire
- [ ] 5.3.2: Fire Control – coordinate interior attack team
- [ ] 5.3.3: Fire Control – flammable gas cylinder fire
- [ ] 5.4.1 & 5.4.2: vehicle extrication

**Live Fire & Vehicle Extrication Practical Skills Testing Evaluator Information**

Note: Refer to the Guide for Lead Instructor for minimum evaluator requirements on page

<table>
<thead>
<tr>
<th>LIVE FIRE IIC</th>
<th>LIVE FIRE or Extrication Safety Officer</th>
<th>Ignition Team Member 1</th>
<th>Ignition Team Member 2 (if applicable)</th>
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Evaluator's Legal Name – (as appears on driver's license) please print

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This completed form must be received by the Division of Fire Safety no less than fourteen (14) calendar days prior to the start of any Live Fire – Vehicle Extrication Practical Skills Testing.
# Application for Fire Fighter I and/or II Practical Skills End of Course Exam

**To be completed by Fire Chief, Lead Instructor or Academy Representative**

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**Requested Evaluators Legal Names:**

Note: Refer to the Guide for Lead Instructor for minimum evaluator requirements.

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<th>Supervising Evaluator:</th>
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<th>Date Course will be completed</th>
<th>Number of Students to be tested</th>
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**Testing requested for:**

- [ ] Fire Fighter I
- [ ] Fire Fighter II
- [ ] Fire Fighter I & II

Test dates and evaluators will not be confirmed until all course documentation has been received and approved by the Division of Fire Safety.

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<thead>
<tr>
<th>Signature (Fire Chief, Lead Instructor or Academy Representative)</th>
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This completed form must be received by the Division of Fire Safety no less than 30 CALENDAR DAYS prior to the desired Practical Skills Test date.

**Division of Fire Safety Use Only**

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Note:
# Application for Fire Fighter I & II Course Delivery

**Department of Public Safety**  
**Division of Fire Safety**  
PO Box 844  
Jefferson City, MO 65102  
(573) 522-2426  
FAX (573) 751-1744  
Website: [www.dfs.dps.mo.gov](http://www.dfs.dps.mo.gov)

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<th>Curriculum to be used:</th>
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<tr>
<td>□ Fire Fighter I</td>
<td>□ Fire Fighter II</td>
<td>□ Fire Fighter I &amp; II</td>
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<tr>
<td>□ 2 year program</td>
<td>□ Senior year program Only</td>
<td>IFSTA, Essentials of Fire Fighting, 7th Ed.</td>
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<th>Person Responsible for Records:</th>
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**Division of Fire Safety Use Only**

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- Approval Granted
- Approval Email Sent
- Course Schedule
- Data Entry
**Student Course Enrollment Form**

**Location of Course:**

**Course Registering for:**

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<th>Technical Rescuer</th>
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<th>Public Fire &amp; Life Safety Educator</th>
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**Personal Information:**

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**Authorization for Release of Information**

(Print Full Name) ____________________________________________ hereby certify that all statements made on or in connection with this application are true and complete to the best of my knowledge and belief. I understand and agree that any misstatements or omissions of material facts will cause denial or forfeiture of my certifications.

Signature of Applicant: ______________________________________ Date: __________

---

**To be completed by applicant’s Fire Chief, Academy Representative or Agency Supervisor**

I hereby certify that the above applicant representing

__________________________________________________________ (Authority Having Jurisdiction)

meets the medical and physical fitness requirements to perform the tasks of the chosen course/s and a background investigation and character traits requirements as reference established by our organization.

Agency

Representative Signature: ________________________________ Date: __________
Missouri Division of Fire Safety

Fire Fighter I and/or II
Certification Booklet

NFPA 1001-2019
Fire Fighter Certification

I. Fire Fighter Certification Requirements

A. Fire Fighter I certification is intended to be the basis of all future fire fighter certification programs. No fire fighter shall attain fire fighter state certification without first completing an approved Fire Fighter I and/or II course.

B. Applicants seeking certification as a Fire Fighter II, must have met the requirements for Fire Fighter I certification according to NFPA Standard 1001 current edition.

C. Certification is granted to those individuals who meet the required qualifications and successfully pass the certification written and practical skills examinations.

D. The requirements for Fire Fighter I and/or Fire Fighter II are based on the Standards for Fire Fighter Professional Qualification, NFPA 1001 current edition.

E. All general requirements must be met and documentation supplied to the Division of Fire Safety prior to admission to the written and/or practical skill examinations.

F. Applicants have one year from the time of course completion to complete the certification process for each level of certification.

II. General Requirements for Fire Fighter I Certification

A. Certification as Fire Fighter I will be issued to those individuals who have met the following guidelines and provided documentation verifying:

1. Applicants must meet the requirements for High school graduation as established by the Missouri Department of Education, or the requirements as established for home school students in the State of Missouri, or provide verification of having been accepted into a higher level of education (for example: Technical College, Community College, 2 or 4 year College or University). Students not meeting at least one of these requirements will be considered on a case by case basis by the Division of Fire Safety.

2. Applicant must be a resident of Missouri, employed with a first responder agency within the state or be a student of a recognized academy/educational entity enrolled in a Fire Fighter I course.

3. Must have National Fire Academy ICS – 100, 200, and 700 certificates.
4. Must have a current CPR- AED and First Aid card or be licensed as an EMT-B or higher.

5. Must be at least 18 years of age and possess a valid state or federal issued photo identification.

6. Have successfully completed an approved Missouri Fire Fighter I training program as verified by the course Lead Instructor.

7. Be certified by the Missouri Division of Fire Safety to the NFPA 472 or 1072 Hazardous Materials Awareness and Operations levels.

8. Must meet the medical and physical fitness requirements to perform the task of fire fighter as determined by the local authority having jurisdiction.

9. Must meet the background investigation and character traits requirement as reference established by the local authority having jurisdiction.

10. Attain a minimum score of 70% on the State Fire Fighter I certification written examination.

11. Passed all practical skills exams tested during approved Missouri Division of Fire Safety Fire Fighter I practical skill examinations.

III. General Requirements for Fire Fighter II Certification

A. Certification as Fire Fighter II will be issued to those individuals who have met the following guidelines and provided documentation verifying:

1. All requirements as stated above for Fire Fighter I certification.

2. Have successfully completed an approved Missouri Fire Fighter II training program as verified by the course Lead Instructor.

3. Be Certified by the Missouri Division of Fire Safety to the Fire Fighter I level.

4. Attain a minimum score of 70% on the State Fire Fighter II certification written examination.

5. Passed all practical skills exams tested during an approved Missouri Division of Fire Safety Fire Fighter II practical skill examination.
IV. Certification Testing

A. Application for Written Testing for Fire Fighter I and/or II Certification.

1. Applicants shall meet the general requirements for Fire Fighter I and/or II certification as stated in Section II with the exception of numbers 10 and 11 and/or Section III with the exception of number 4 and 5 of the Certification Booklet.

2. Age requirements for students are as follows:
   a) For all students in a Fire Fighter I and/or II program other than High School programs, student must reach the age of 18 years before being admitted into any Fire Fighter I and/or II written or practical skill exam.
   b) For High School programs, student must reach the age of 17 years and will only be tested after March 1st of their senior year.

3. The following information must be submitted to the Division of Fire Safety prior to testing:
   a) A completed "Application for Written Testing"
   b) Completed by applicant - stating name and personal information.
   c) Complete the "Authorization for Release of Information" section of the application. Sign and date the application.
   d) Copy of educational documentation as stated.
   e) Copy of NFA ICS 100, 200 and 700 certificates.
   f) Copy of CPR-AED First Aid card or license of EMT-B or higher.
   g) Copy of a valid state or federal issued photo identification.

4. Students may schedule for their initial written testing after being notified by the Division of their testing eligibility and after successfully completing all certification requirements for Hazardous Materials Operations. Regional test dates and locations are published at http://www.dfs.dps.mo.gov.
   a) Students may only schedule their initial written certification exam for Fire Fighter I after successfully completing all certification requirements for Hazardous Materials Operations.
B. Practical Skill Testing

1. Candidates shall meet the general requirements for Fire Fighter I and/or II certification as stated in Section II with the exception of numbers 6, 10 and 11 prior to any of the practical skill exams of the Certification Booklet. (Note: Some practical skill exams may be conducted prior to the student having completed the entire course)

V. Certification Written Testing

A. The Certification Written Examinations consist of 100 multiple-choice questions for each level of certification.

B. Each exam has a two (2) hour time limit.


1. A student must score 70% or better to pass a Missouri Division of Fire Safety Certification Written Examination.

2. In the event of failure:

   a) A student who has failed the written exam on the first attempt can retest at a later date. A student may schedule a retest by submitting an "Application for Written Testing". Students may retest during a scheduled regional exam or at the Division of Fire Safety's Office. A different version of the exam will be administered. Application for testing must be made within one year of course completion.

   b) Should the student fail the written test on the second attempt, he/she will be required to take an approved Fire Fighter I and/or Fire Fighter II course again before being allowed to take another test for the same certification level.

Sample Test Question

1. Which tool listed is a striking tool?
   a. Pike Pole
   b. Kelly Tool
   c. Halligan Tool
   d. Punch
VI. **Saving Clause**

   A. The qualifications developed in this program shall not be used to render invalid any rank, qualification or appointment acquired prior to the adoption of this program.

VII. **Suspension, Revocation or Denial of Certification**

   A. Refer to the MO Division of Fire Safety Certification Policy & Procedure Manual, Article V.

VIII. **Appeal of Suspension, Revocation or Denial**

   A. Refer to the MO Division of Fire Safety Certification Policy & Procedure Manual, Article VI.

IX. **Certification by Equivalency**

   A. Refer to the MO Division of Fire Safety Certification Policy & Procedure Manual, Article VII.

X. **Certification by Reciprocity**

   A. Refer to the MO Division of Fire Safety Certification Policy & Procedure Manual, Article VIII.

XI. **Application for Written Certification Testing**

   A. Application for Written Certification Testing can be found at:
      
      http://dfs.dps.mo.gov/documents/forms/MO_815-F0044.pdf