

Course Descriptions

BASIC FIREFIGHTER EMERGENCY MEDICAL CARE

This 16-hour course is part of the Firefighter I Series and is one of the prerequisite classes for the core Firefighter I course. This course is the American Heart Association (AHA) first-aid class and includes AHA CPR and is designed for the entry-level firefighter. Minimum Enrollment: 6; Maximum Enrollment: 12.

CERTIFICATION TESTING

Open testing day for participants who need to retest or want to challenge. Testing will be held on-site at the New Mexico Firefighters Training Academy in Socorro, NM. **A General Admission Application form must be submitted at least 30 days prior to the test date.** Please contact the Fire Academy (1-800-734-6553) for more information. Minimum Enrollment: 10; Maximum Enrollment: 30.

INTRODUCTION TO FIRE ORIGIN AND CAUSE

This 32-hour course is a hands-on course, designed to give the firefighter a comprehensive understanding of fire investigation. Completion of this course will meet the requirements of one module of the Firefighter II Certification Series. This course is designed to teach students the techniques of determining fire origin and cause. Subjects include Fire Behavior, Building Construction, Building Safety, Scene Search, Arson and Scene Indicators, Arson Determination, Evidence Detection and Gathering, and Fatal Fires. Coveralls, work boots, hard hat and gloves are recommended. Minimum Enrollment: 10; Maximum Enrollment: 24. Prerequisites: Introduction to Firefighting, Firefighter I, or Letter of Recommendation from Department Chief.

DEFENSIVE DRIVING

This 6-hour course focuses on collision prevention techniques, recognition and avoidance of those common driving violations which may result in collision and citation. This course is classroom only and was developed by and is certified through the National Safety Council. Minimum Enrollment: 6; Maximum Enrollment: 25.

PUMP OPS DRIVER OPERATOR (DRIVER)

This is a 24-hour class with 12 hours of classroom instruction and 12 hours of practical driving skills that includes a driving course. This class is a prerequisite to the Driver Operator/pump operations course. The driver training course includes items which address both the attitude and knowledge of the potential emergency vehicle driver while responding to an emergency as well as an understanding of the emergency vehicle driver's responsibility during non-emergency situations. Minimum Enrollment: 10; Maximum Enrollment: 16.

FIREFIGHTER I

This 80-hour course is designed to train the student to Level 1 as outlined in NFPA 1001, Professional Qualifications Standard. Course includes IFSAC Certification. **Full protective clothing is required. PPE must comply with NFPA Standards and must pass inspection by Academy staff. Proper clothing must be worn under the student's protective clothing. This includes full-length pants and long-sleeve shirt made from at least 100% natural fibers or Nomex equivalent. Coveralls may be worn in place of the full-length pants and long-sleeve shirt.** Minimum Enrollment: 10; Maximum Enrollment: 24. Prerequisites: Basic Firefighter Emergency Medical Care and IFSAC Hazardous Materials: Awareness and Operations. The Hazardous Waste Operations and Emergency Response Standard (HAZWOPER) will NOT be accepted as the Hazardous Materials prerequisite for any course.

FIREFIGHTER II

This 80-hour course is designed to train the student to Level 2 as outlined in NFPA 1001, Professional Qualifications Standard. Course includes IFSAC Certification. **Full protective clothing is required. PPE must comply with NFPA Standards and must pass inspection by Academy staff. Proper clothing must be worn under the student's protective clothing. This includes full-length pants and long-sleeve shirt made from at least 100% natural fibers or Nomex equivalent. Coveralls may be worn in place of the full-length pants and long-sleeve shirt.** Minimum Enrollment: 10; Maximum Enrollment: 24. Prerequisites: IFSAC Firefighter I,

FIRE INSPECTOR I

This 40-hour course is a Fire Service Inspection course for both uniformed and civilian inspectors. This course will educate inspectors about the principles and techniques of fire prevention and life-safety inspection and code compliance. It addresses NFPA 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner, Level I. It is strongly recommended that students bring a laptop computer for use during this class. This is an IFSAC accredited course. Minimum Enrollment: 8; Maximum Enrollment: 24. Prerequisites: IFSAC Hazmat A&O

FIRE INVESTIGATOR I

This 40-hour course is hands-on and designed to meet the requirements set forth in NFPA 1033 Professional Qualifications for Fire Investigator. This course will give a comprehensive understanding of the principles of fire investigation, scene examination, documentation, evidence collection/preservation, interview techniques, and post-incident investigations. Applicants should provide a copy or other documentation of a completed background check when submitting the course application. Minimum Enrollment: 10; Maximum Enrollment: 20. Prerequisites: Fire Origin and Cause.

FIRE OFFICER I

The objective of this 40-hour course is to provide entry-level training in company operations and administration at the first-line supervisory level. Upon successful completion of this course, the student will be able to find ways to effectively manage human resources; community/public relations; fire department organization and administration, including budgets, reports, and planning; fire inspection, investigation, and public education; emergency service delivery; and safety, per NFPA Standard 1021, Fire Officer Professional Qualifications. Major topics covered in the course are the role of the fire officer, the fire officer's responsibility in facing compliance and accountability, recognizing and managing cultural diversity, safety and wellness of fire personnel, quality management within the organizational structure, community awareness, public relations, fire safety education, functional leadership, problem solving, performance appraisal, building construction, fire cause determination, effective communication skills, and incident command system with strategy and tactics. Methods of instruction include lecture, discussion, classroom exercises, case studies, audio/visual material, learner presentations/reports, quizzes, completion of required practical skills and the IFSAC certification examination. It is strongly recommended that students bring a laptop computer for use during this class. Minimum Enrollment: 8; Maximum Enrollment: 20. Prerequisites: IFSAC Firefighter II Certification, Fire Service Instructor I.

FIRE OFFICER II

This 40-hour course is designed to meet the requirements set forth by NFPA 1021, Fire Officer Professional Qualifications. This course will include both classroom and hands-on activities, including in-depth scenario. It is strongly recommended that students bring a laptop computer for use during this class. Minimum Enrollment: 8; Maximum Enrollment: 20. Prerequisite: Fire Officer I.

FIRE OFFICER III

This 40-hour course is designed to meet the requirements set forth by NFPA 1021, Fire Officer Professional Qualifications. Fire Officer 3 will be 100% JPR based, the student will be expected to complete a 2 year plan portfolio for their department which will be based upon the 22 JPR's listed on NFPA 1021-2114 standard. Students will have the option of either creating new documents for their Portfolio JPR's or you may use your departments existing SOP's, SOG's or policies. If you use an existing document to satisfy a JPR, you must write a brief explanation of the document (250 words or more) to validate that you understand the intent of the JPR. If you do make changes to an existing document you are also required to explain what you did and why you did it.

It is required that the student bring laptop, memory stick (flash drive or portable hard drive) the student will also need a 2 inch binder with tabs. Minimum Enrollment: 8; Maximum Enrollment: 14. Prerequisite: Fire Officer 2.

FIRE OFFICER IV

This Class is an 8 hour Refresher class so that a student will have a chance to ask any question regarding their portfolios which will need to be completed within 1 year of the refresher course and submitted to the course coordinator. At which time the course coordinator along with one of the Officer 4 adjunct instructors will review the portfolio and depending on its accuracy will be accepted or sent back for review.

This course is designed to meet the requirements set forth by NFPA 1021, Fire Officer Professional Qualifications. Fire Officer 4 will be 100% JPR based. Students will have the option of either creating new documents for their Portfolio JPR's or you may use your departments existing SOP's, SOG's or policies. If you use an existing document to satisfy a JPR, you must write a brief explanation of the document (250 words or more) to validate that you understand the intent of the JPR. If you do make changes to an existing document you are also required to explain what you did and why you did it.

When the student's portfolio has been completed and accepted by NMFTA the student will then be allowed to sign up for the Officer 4 test at any open test site.

Officer 4 JPR portfolio criteria will be as follows- students will be given up to 2 years from completion on the fire officer 3 course to register for the Officer 4 class, at that time the student will have 1 year to turn in a portfolio based on the JPR listed for officer 4 (students will receive this documentation only after they register for this class through NMFTA). Upon written confirmation from NMFTA that portfolio is complete student will have the opportunity to take the written test at an open test site in which they will need to score a minimum of 70% to receive their fire officer 4 IFSAC certification. NOTE: The Officer 4 class will be listed quarterly on the NMFTA web site.

If candidate surpasses the 3 year mark criteria listed the student will be required to attend a 40 class that will be held at NMFTA in which their portfolio will need to be completed and graded by the end of that class as well as pass the written exam with at least a 70% to receive their Officer 4 certification. Prerequisite: Fire Officer 3.

FIRE SERVICE INSTRUCTOR I

This 40-hour course is designed to train the student as outlined in NFPA 1041, Fire Service Professional Qualifications. Course includes IFSAC Certification. It will teach instructors and trainers how to organize and teach a course effectively using existing lesson plans. Upon successful completion of this course, the student will be able to make an effective classroom presentation based on appropriate lesson plans. It is strongly recommended that students bring a laptop computer for use during this class. Minimum Enrollment: 8; Maximum Enrollment: 16.

FIRE SERVICE INSTRUCTOR II

This 40-hour course is designed to train the student as outlined in NFPA 1041, Fire Service Professional Qualifications. Course includes IFSAC Certification. It will prepare the student to use instructional methodologies that address various learning styles and teaching methods, and to plan and develop lessons and programs for the purpose of delivering instruction. Upon successful completion of this course, the student will be able to describe and define instructional terms; use reference materials; use various instructional methods and techniques; use instructional materials and aids; evaluate learning; maintain training records and reports; describe concepts of learning; use communications methods and skills; and be aware of instructor roles and responsibilities. It is strongly recommended that students bring a laptop computer for use during this class. Minimum Enrollment: 8; Maximum Enrollment: 20. Prerequisite: Fire Service Instructor I.

FIRE SERVICE INSTRUCTOR III

This 40-hour course is designed to train the student as outlined in NFPA 1041, Fire Service Professional Qualifications. Course includes IFSAC Certification.

The Fire Service Instructor III shall meet the requirements for Fire Service Instructor II and the JPRs (Job Performance Requirements) defined in Sections 6.2 through 6.5. Fire Service Instructor III course is a forty (40) hour course designed to focus on the knowledge and skills needed to develop comprehensive training curricula and programs for use by single or multiple organizations; conduct organization needs analysis; and develop training goals and implementation strategies. The course also focuses on the concepts needed to effectively manage a training program in addition to conducting course/program evaluation procedures to determine program validity and reliability. It is strongly recommended that students bring a laptop computer for use during this class. Minimum Enrollment: 8; Maximum Enrollment: 14. Prerequisite: Fire Service Instructor II.

It is required that the student bring laptop, memory stick (flash drive or portable hard drive) the student will also need a 2 inch binder with tabs.

Minimum Enrollment: 8; Maximum Enrollment: 14. Prerequisite: Instructor 2.

FIREWORKS TRAINING FOR THE FIRE SERVICE

This 8-hour course will provide basic introduction to the State law governing fireworks. It will also provide an overview of inspection techniques of fireworks sales locations and also will provide an overview of the permissible type of fireworks that can be sold as consumer fireworks. Please contact the State Fire Marshal's Office, 1-800-244-6702, for more information. Maximum Enrollment: 40.

FLAMMABLE LIQUIDS/LPG EMERGENCIES

Completion of this 40-hour course will meet the requirements of one module of the Firefighter II Certification Series. This course is designed to instruct the student in the handling of different types of flammable and combustible liquid emergencies. Subjects include Definitions, Properties, and Use in the Market Place, Installations, Transportation, Water use, Foam Application, and Fireground Evolutions. **Full protective clothing is required. PPE must comply with NFPA Standards and must pass inspection by Academy staff. Proper clothing must be worn under the student's protective clothing. This includes full-length pants and long-sleeve shirt made from at least 100% natural fibers or Nomex equivalent. Coveralls may be worn in place of the full-length pants and long-sleeve shirt.** Minimum Enrollment: 10; Maximum Enrollment: 20. Prerequisites: IFSAC Firefighter I Certification.

HAZARDOUS MATERIALS: AWARENESS AND OPERATIONS

This 40-hour course will fulfill the prerequisite classes for the core Firefighter I and Firefighter II as well as Fire Inspector 1 courses. This course is designed to train the student to Awareness and Operations Level, as outlined in NFPA 472, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents and OSHA 29 CFR 1910.120. Course includes IFSAC Certification. Minimum Enrollment: 10; Maximum Enrollment: 40.

HAZARDOUS MATERIALS: CHEMISTRY

This 40-hour course will fulfill the prerequisite class for Hazardous Materials: Technician. This course is designed to train the student as outlined in NFPA 472, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents and OSHA 29 CFR 1910.120. Course includes IFSAC Certification. Minimum Enrollment: 10; Maximum Enrollment: 40.

HAZARDOUS MATERIALS: TECHNICIAN

This 80-hour course will fulfill the requirements for NFPA 472, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents and OSHA 29 CFR 1910.120. Course includes IFSAC Certification. Minimum Enrollment: 6; Maximum Enrollment: 14. Prerequisites: IFSAC Firefighter I Certification, IFSAC Hazardous Materials: Awareness & Operations, Hazardous Materials: Chemistry,

HOSE AND HYDRANT TESTING (Online Course)

This 16-hour course is designed to deal with theory and practical skills necessary for hose and hydrant testing according to NFPA standards. Class will include documentation methods of testing and proper calculation of flows. Protective clothing complying with NFPA Standards and long pants and long-sleeved shirt is required.

INSTRUCTOR DEVELOPMENT WEEKEND

Please contact the New Mexico Firefighters Training Academy, 1-800-734-6553, for information.

OPEN TEST DAY

Open testing day for participants who need to re-test or challenge. Testing will be held off-site; please refer to course calendar for test sites. **A General Admission Application form must be submitted to the NMFTA at least 30 days prior to the test date.** Please contact the Fire Academy (1-800-734-6553) for more information.

OPEN TRAINING DAY

NMFTA facilities will be available for requested training in all areas. A 30-day advanced request, with application, will be required before any training is scheduled. Please contact the New Mexico Firefighters Training Academy for more information (1-800-734-6553). Minimum Enrollment: 10; Maximum Enrollment: 30.

PUMP OPS DRIVER OPERATOR (PUMPER)

This 40-hour course is designed for students who are responsible for operating apparatus with fire pumps. The course will introduce the student to the basic skills and knowledge required to operate a fire pump that provides the necessary water supply while maintaining the mechanical soundness of the pump. The course includes classroom instruction and outside practical skills. Protective clothing complying with NFPA Standards and long pants and long-sleeve shirt is required. Minimum Enrollment: 10; Maximum Enrollment: 24. Prerequisites: IFSAC Pump Ops Driver Operator (DRIVER)

FIREFIGHTER SURVIVAL

This course is designed to introduce students to basic fire ground operations; and familiarization of the details of positions on the fire ground. This course will also introduce the concepts of a RIT/RIC team on the simplest basis for students to build on in the future. The classroom portion of Firefighter survival is meant to express rules, tips and techniques on how not to get into a situation where a RIT/RIC team will be activated. This course also goes over when a firefighter should call a "MAYDAY" and the proper procedure on how to convey the information to the commander for the best chance of survival. Prerequisite: IFSAC FFI

This course is very labor intensive and demands a large amount of physical activity. Therefore, all applicants and candidates should be physically fit. Minimum Enrollment: 10; Maximum Enrollment: 18.

ROPE RESCUE: LEVEL 1

This 40-hour course meets the first two of the three levels of training described in Chapter 5 of NFPA 1670 Standard on Operations and Training for Technical Search and Rescue Incidents; a mixture of classroom instruction and practical skills experiences look at basic rope use concepts, incident organization, and rigging of equipment used to affect a rescue. Leather boots and leather gloves, to be supplied by the student, are required. Helmets and harnesses will be supplied by the New Mexico Firefighters Training Academy. Students may use their own harnesses and personal protective equipment if it passes NFPA and NMFTA standards. Class size is limited. This is a prerequisite for Ropes level 2 Certification. Minimum Enrollment: 10; Maximum Enrollment: 18.

ROPE RESCUE: LEVEL 2

This 40-hour course meets the third level of training described in Chapter 5 of NFPA 1670, Standard on Operations and Training for Technical Search and Rescue Incidents, and General Requirements, Levels I & II of Chapter 6, NFPA 1006 Rescue Technician Professional Qualifications; a mixture of classroom instruction and practical skills experiences look at higher levels of skills involved in rope rescue. Leather boots and leather gloves, to be supplied by the student, are required. Helmets and harnesses will be supplied by the New Mexico Firefighters Training Academy. Students may use their own harnesses and personal protective equipment if it passes NFPA and NMFTA standards. Class size is limited. Minimum Enrollment: 10; Maximum Enrollment: 18. Prerequisites: Rope Rescue: Level 1.

STRUCTURAL FIREFIGHTING

Completion of this 40-hour course will meet the requirements of one module of the Firefighter II Certification Series. This course is designed to give the firefighter a comprehensive understanding of structural fires and suppression tactics. Subjects include fire flow Formula, Offensive and Defensive Attacks, Strategy and Tactics, Direct and Indirect Attacks, Incident Command System, and Fire ground Evolutions. **Full protective clothing is required. PPE must comply with NFPA Standards and must pass inspection by Academy staff. Proper clothing must be worn under the student's protective clothing. This includes full-length pants and long-sleeve shirt made from at least 100% natural fibers or Nomex equivalent. Coveralls may be worn in place of the full-length pants and long-sleeve shirt.** Minimum Enrollment: 10; Maximum Enrollment: 20. Prerequisites: IFSAC Firefighter I.

VEHICLE EXTRICATION

This 32-hour course is designed to introduce the student to the basic concepts and skills of vehicle extrication. Minimum Enrollment: 8; Maximum Enrollment: 16.

FIREFIGHTER I / II COMBO ONLINE

This 120-hour course is designed to train the student as outlined in NFPA 1001, Fire Fighter Professional Qualifications. Course includes IFSAC and Pro Board Certification. Upon successful completion of this course, the student will be able to demonstrate the minimum job performance requirements (JPR'S) for a career or volunteer firefighter whose duties are primarily structural in nature.

Full protective clothing is required. PPE must comply with NFPA Standards and must pass inspection by Academy staff. Proper clothing must be worn under the student's protective clothing. This includes full-length pants and long-sleeve shirt made from at least 100% natural fibers or Nomex equivalent. Coveralls may be worn in place of the full-length pants and long-sleeve shirt. Minimum Enrollment : 10; Maximum Enrollment: 24. Prerequisites: Basic Firefighter Emergency Medical Care and IFSAC Hazardous Materials: Awareness and Operations. The Hazardous Waste Operations and Emergency Response Standard (HAZWOPER) will NOT be accepted as the Hazardous Materials prerequisite for any course.

The NMFTA will certify personnel to the current edition of the applicable NFPA Standard. When the standard is updated or otherwise modified, the NMFTA will comply with the new edition within three years of its adoption by NFPA.

The certification testing system shall meet or exceed any applicable NFPA Safety and Health Standards or their equivalent. Equipment and apparatus required for certification testing shall meet or exceed any applicable NFPA standards at the time of its manufacture. The NMFTA shall abide by all applicable laws, regulations, standards and guidelines to provide a safe environment for certification testing.

Participants who become State certified at occupational levels accredited by IFSAC will receive certificates with a numbered IFSAC seal. Their names will automatically be entered into the IFSAC International Registry at no charge.

Because IFSAC seals are numbered, that number is unique to each certificate. Certificates cannot be duplicated or re-issued. NMFTA will only furnish a copy of a transcript at the candidate's request.

Certification issued by the NMFTA is valid from the time of issuance. There are currently no re-certification or continuing education requirements. However the NMFTA will only accept the certificates issued within the previous 10 years (two NFPA standard revisions) as pre-/co-requisite requirements for

classes. This shall only apply to Certification courses; individuals not meeting this requirement must take an updated certification exam. Individuals wishing to update their certifications shall be eligible to take a written exam only provided that they meet the current prerequisites and hold a New Mexico certificate with an IFSAC seal attached. Members of New Mexico Fire Departments that have an established continuing education program may be exempted from this policy. Applicants requesting exemption must submit to the NMFTA a copy of the following documentation:

- 1) Copy of the department continuing education policy.
- 2) Proof of completion of 40 hours with in the last two years of continuing education related to the required perquisite.

Certification testing is available to all current members of New Mexico fire departments, or fire departments located within the geographic boundaries of New Mexico. All other individuals are only eligible to apply for certification exams when they enroll in the appropriate training class. Acceptance of enrollment applications is based on the selection criteria policy. Certification testing is made available to eligible constituents without regard to race, religion, ethnic origin or gender. Fire Service personnel are eligible to participate in the certification system by one of the following methods:

1. Complete any required NMFTA course(s) and any additional prerequisites and successfully complete the written and skills (if applicable) certification exams.
2. Complete an NMFTA course in which the certification testing is included as part of the course delivery. Upon successful completion, the candidate is certified to the appropriate occupational level.
3. Apply for reciprocity for an occupational level accredited by the NMFTA and for which the candidate holds a certification issued by another IFSAC accredited entity. (See: CERTIFICATION RECIPROCITY AND EQUIVALENCY POLICY for more information)

Firefighters seeking to upgrade their professional level must meet all current prerequisites for the occupational level sought.

Certification exams are scheduled in a variety of ways. Testing is offered at the end of all on-site and adjunct courses, as part of approved cadet courses, for qualified individual departments, and monthly throughout the state. Testing dates and locations will be announced by standard schedule mailings, regional mail-outs, and on the New Mexico Firefighters Training Academy website:

<http://www.nmprc.state.nm.us/fta.htm>

Additional information about the certification process can be found in each “Qualifications and Certification Guidelines” prepared for the courses accredited by IFSAC.