



## **Fire Courses Available through Nicolet Area Technical College**

### **State Funded Courses**

**(2% dues funded for students affiliated with a fire department that successfully complete)**

**\*\* ANY student can register for these courses. If they are not affiliated with a fire department, full tuition and fees must be paid to register.**

#### **47-503-711-00 Entry Level Firefighter Part A**

This 30 hour course introduces participants to the basic knowledge and skills necessary to perform firefighting functions under direct supervision (WI DSPS 330.14 (2)). The targeted audience for this course is individuals new to the firefighting field.

When taken in sequential order, parts A and B are designed to provide the Entry Level Firefighter candidate with the information needed to comply with the minimum firefighter training requirements as specified in SPS 330.08, Minimum training and education standards, Wisconsin Department of Safety and Professional Services, Chapter SPS 330, Fire Department Safety and Health Standards. The course curriculum is based on the current edition of Jones and Bartlett Fundamentals of Fire Fighter Skills text.

#### **47-503-712-00 Entry Level Firefighter Part B**

This 30 hour course expands the participant's knowledge and skills necessary to perform firefighting functions under direct supervision (WI DSPS 330.14 (2)). The targeted audience for this course is individuals new to the firefighting field and who have completed Entry Level Fire Fighter Part A.

When taken in sequential order, parts A and B are designed to provide the Entry Level Firefighter candidate with the information needed to comply with the minimum firefighter training requirements as specified in SPS 330.08, Minimum training and education standards, Wisconsin Department of Safety and Professional Services, Chapter SPS 330, Fire Department Safety and Health Standards. The course curriculum is based on the current edition of Jones & Bartlett Fundamentals of Fire Fighter Skills text.

#### **47-503-721-00 Certified Firefighter 1- Part C**

This 36 hour course prepares participants to be able to perform firefighting functions at a minimum nationally recognized level under direct supervision (WI DSPS 330.14 (2)). The targeted audience is individuals whom have completed the minimum firefighting training requirements as specified in SPS 330.08, Minimum training and education standards, Wisconsin Department of Safety and Professional Services, Chapter SPS 330, Fire Department Safety and Health Standards, and desire, or are required, to increase their knowledge and skills-base to the next level.

This course, when taken in addition to Entry Level Firefighter Part A, Part B, and Hazardous Materials Operations is designed to provide the Firefighter I candidate with the additional information needed to meet the job performance requirements (JPRs) defined in NFPA 1001, Standard for Fire Fighter Professional Qualifications, 2019 Edition. Candidates who successfully complete Entry Level Fire Fighter Parts A, B, C and Hazardous Materials Operations shall have met the requirements defined in NFPA 1001, Standard for Fire Fighter Professional Qualifications, Chapters 5.2

through 5.5 and the job performance requirements defined in Chapter 5, Core Competencies for Operations Level Responders, Chapters 6.2 and 6.6., mission-specific competencies: product control, of NFPA 472, and are eligible to take the Wisconsin Technical College System, International Fire Service Accreditation Congress (IFSAC) Certified Fire Fighter I skills and written exams.

#### **47-503-730-00 Certified Fire Fighter II**

This 42-hour course prepares the participant to perform firefighting functions at an advanced nationally recognized level under general supervision.

The targeted audience is individuals who have completed the training required to meet the Fire Fighter I JPRs in NFPA 1001, and desire to increase their knowledge and skills base to the next level.

This course, when taken after completion of the Fire Fighter I and Hazardous Materials Operation Level, is designed to provide the Fire Fighter II candidate with the information needed to meet the job performance requirements (JPRs) in NFPA 1001, Standard for Fire Fighter Professional Qualifications, Current Edition. Course curriculum is based on the Jones and Bartlett Fundamentals for Fire Fighter Skills, current edition.

A written and practical skills certification exam is available to participants who successfully complete this course. A participant who completes this course and wishes to be certified has two years from the completion of the course to take the exams. Participants who successfully pass the certification exams will receive a State of Wisconsin Certificate with an International Fire Service Accreditation Congress (IFSAC) seal.

#### **47-503-750-00 Fire Inspector I**

This 60-hour course prepares the participant to perform fire inspection functions at a minimum nationally recognized level under general supervision. The targeted audience is individuals who expect to be appointed, or have recently been appointed to conduct fire inspections through their fire department or public or private agency.

This course is designed to meet the job performance requirements (JPRs) defined in NFPA 1031- Standard for Professional Qualifications for Fire Inspector and Plan Examiner.

A written and practical skills certification exam is available to participants who successfully complete this course. Participants who successfully pass the certification exams will receive a State of Wisconsin Certificate with an International Fire Service Accreditation Congress (IFSAC) seal.

#### **47-503-741-00 Entry Level Driver/Operator- Pumper (ELDO) Part I- Driving**

The 12- hour ELDO Part I course will teach the student the safe procedures for driving fire apparatus to the emergency scene and returning to quarters. Class will be a combination of lecture and practical skills. Driving principles will be practiced and demonstrated through six standard driving maneuvers which include: serpentine exercise, alley dock exercise, diminishing clearance exercise and confined space turn-around exercises.

The targeted audience is individuals who expect to be appointed to driver/operator-pumper duties on their respective fire departments. Courses when taken in sequential order, are designed to provide the new pumper operator with the information needed to comply with the minimum pumper operator training requirements as specified by SPS 330.08 (2), Minimum training and education standards, Wisconsin Department of Safety and Professional Services, Chapter SPS 330, Fire Department Safety and Health Standards.

#### **47-503-742-00 Entry Level Driver/Operator- Pumper (ELDO) Part II- Pumping**

The 18- hour ELDO Part II course will provide a new driver-operator with the knowledge and information needed to operate a fire pump in a basic mode on the fire ground. The student will receive instruction on the parts of a fire pump and operation. Participants will develop a working knowledge of the different components located on a pump panel and be able to explain and properly work each component.

This course will also train the student to pump at the correct engine pressures during fire ground operations. The student will learn how to supply water at the correct pressures to the different nozzles and appliances carried on the fire apparatus. The targeted audience is individuals who expect to be appointed to driver/operator-pumper duties on their respective fire departments. Courses when taken in sequential order, are designed to provide the new pumper operator with the information needed to comply with the minimum pumper operator training requirements as specified in Comm. 30.08, employment standards (2) in Wisconsin Administrative Code, Department of Commerce, Chapter Comm. 30, Fire Department Safety and Health.

#### **47-503-746-00 Entry Level Driver/Operator (ELDO) - Aerial**

This 6-hour course introduces the participant to the basic knowledge and skills necessary to perform fire apparatus driving and aerial operations duties for their respective fire departments. The target audience for this course are individuals who expect to be appointed to Driver/Operator- Aerial duties within their respective departments. Completion of the full Entry-Level Driver/Operator-Pumper Courses is required before enrolling in this Aerial course. This course is designed to provide the new aerial operator with the information needed to comply with the minimum aerial operator training requirements as specified in SPS 330.08, Wisconsin Department of Safety and Professional Services. Chapter SPS 330, Fire Department Safety and Health Standards.

#### **47-503-744-00 Certified Driver/Operator- Pumper- Part I**

This 33-hour course is part one of two and prepares the participant to perform fire apparatus maintenance, driving, positioning, operating/pumping and testing functions as recognized by NFPA 1002 (Standards for Fire apparatus Driver/Operator Professional Qualifications, Chapters 4 and 5).

Participants who meet the prerequisites and successfully complete both Part I and Part II of the course have two years from the course completion date to take the written and practical certification exams. Curriculum is based on the current edition of Jones & Bartlett Fire Apparatus Driver/Operator Pump, Aerial, Tiller, and Mobile Water Supply text.

#### **47-503-745-00 Certified Driver/Operator- Pumper- Part II**

This 33 hour course is part two of two. Prepares the participant to be able to perform fire apparatus maintenance, driving, positioning operating/pumping, and testing functions at a minimum nationally recognized level. Pre-requisite: 4750374400, Successful completion of Certified Drive Operate Pump Part I.

Participants who successfully complete both Parts I and II will be eligible to take the written and practical State of Wisconsin certification exams. Curriculum is based on the current edition of Jones & Bartlett Fire Apparatus Driver/Operator Pump, Aerial, Tiller, and Mobile Water Supply text.

#### **47-503-747-00 Certified Driver/Operator- Aerial**

This 36-hour course prepares the participant to be able to perform aerial fire apparatus driving, positioning, operating and testing functions at a minimum nationally recognized level. Targeted audience is individuals who have completed the training required to meet the Fire Fighter I JPRs of NFPA 1001, Standard for Fire Fighter Professional Qualifications, Chapter 3, and desire or are required to increase their knowledge and skills base to progress to the fire apparatus driver/operator-aerial level.

Participants who meet the pre-requisites and successfully complete this course will have two years from the course completion date to take the written and practical certification exams. Curriculum is based on the current edition of Jones & Bartlett Fire Apparatus Driver/Operator Pump, Aerial, Tiller, and Mobile Water Supply text.

#### **47-503-763-00 Certified Fire Officer I**

This 40-hour course prepares the participant to perform firefighting supervisor functions at a minimum nationally recognized level. The targeted audience is individuals who have completed the training required to meet the Fire Fighter II JPRs of NFPA 1001, Standard for Fire Fighter Professional Qualifications, Chapter 6, and desire, or are required to increase their knowledge and skills to progress to the Fire Officer I Level. Completion of the 40-hour Emergency Services Instructor I course is also required in order to become certified as Fire Officer I.

This course is designed to provide the Fire Officer I candidate with the information needed to meet the job performance requirements (JPRs) in National Fire Protection Association (NFPA) 1021, Standard for Fire Officer Professional Qualifications, Chapter 4. Curriculum for the course is based on the Jones and Bartlett Fire Officer Principles and Practices, current edition.

A written and practical skills certification exam is available to participants who successfully complete this course. A participant who completes this course and wishes to be certified has two years from the completion of the course to take the exam. Participants who successfully pass the certification exams will receive a State of Wisconsin Certificate with an International Fire Service Accreditation Congress (IFSAC) seal.

**Other courses may be available upon request- please contact Public Safety with inquiries.**

### State Funded Courses

(WEM funded for students affiliated with a fire department that successfully complete)

\*\* ANY student can register for these courses. If they are not affiliated with a fire department, full tuition and fees must be paid to register.

#### **47-503-780-00 Hazardous Material Operations**

This 16-hour course prepares the participant to perform the minimum hazardous material incident operations skills associated with firefighting functions at an advanced nationally recognized level under general supervision. The targeted audience is individuals who have completed, or are in the process of completing, the Fire Fighter I Job Performance Requirements (JPRs) in NFPA 1001 for certification to the Wisconsin Fire Fighter I level. This course is also available to members of the Emergency Medical Services, Law Enforcement, and other industrial employees listed under 29CFR 1910.

This course is designed to provide the Fire Fighter I candidate with the information needed to meet the JPRs in Chapter 5, Core Competencies for Operations Level Responders, Section 6.2, and Section 6.6., Mission-Specific Competencies: Product Control, of NFPA 472. The participant must also take the Fire Fighter I course in order to meet the remainder of the NFPA Fire Fighter I JPRs to prepare for certification to the Fire Fighter I level.

A written exam is available to participants who successfully complete this course. A participant who completes this course and wishes to be certified as a Fire Fighter I must successfully pass the written portion of the Hazardous Materials Operations exam.

#### **47-503-478-00 Hazardous Materials Technician**

This 80 hour course will provide state-of-the-art Hazardous Materials Technician training that complies with OSHA 29 CFR 1910.120(q) and NFPA Standard 472 requirements. Course modules include Laws and Regulations, Chemical Properties, NIMS, Emergency Response Planning, Monitoring Equipment, Personal Protective Equipment (PPE), Respiratory Systems, Decontamination, and modules relating to freight, intermodal, and highway transportation systems. Students will participate in a number of scenario-based HazMat incidents and perform risk/hazard analysis, site assessment, operate (with competency) in the prescribed level of protection, use and interpret monitoring equipment, perform offensive corrective actions, and perform decontamination procedures. The course provides technical information and includes extensive hands-on proactive of planning response actions in dealing with surface transportation incidents.

#### **47-503-479-00 Hazardous Materials Technician Refresher**

OSHA/EPA/NFPA rules and regulations pertaining to the annual refresher course requirements for HazMat Technicians plus competencies to meet OSHA 1910.120 and NFA 472. The primary focal point of this course is to evaluate the HazMat technician's physical skills and test their problem solving abilities while working under a team concept. Topics and hours will be tailored for each delivery depending on needs.

### FEMA Courses (NFA Hand-Off)

**\*\* Additional registration information will be sent to students regarding FEMA Specifics and a Student Identification Number (SID)**

#### **Incident Safety Officer (ISO)-**

The safety officer's responsibilities fall into two clear-cut categories: those associated with responding at the incident scene and those associated with managing the day-to-day affairs of the department. This incident Safety Officer course focuses on the former. It is an incident- specific, scene oriented course designed to teach what a safety officer needs to know. To provide the company officer with the skills to function as the safety officer at fire department incident operations. The primary focus shall be on developing decision making skills through the recognition of cues that affect. FEMA hand off class H0729.

Hours: 18, **47-503-463-00**

#### **Strategy and Tactics for Initial Company Operations (STICO)-**

STICO is designed to meet the needs of Company Officers responsible for managing the operations of one or more companies during structural firefighting operations. STICO is designed to develop the management skills needed by company officers to accomplish assigned tactics at structure fires.

FEMA hand off class H0455.

Hours: 16, **47-503-448-00**

#### **Training Operations in Small Departments-**

This course is designed for fire and rescue personnel who coordinate training in small departments, or serve as a part of training activities. A training function in a smaller department typically may include conducting training drills and coordinating training with a nearby larger city or state training function. Course content includes: \* Leadership issues in fire service training, such as why and how the local training officer must be a catalyst for change, and personal motivators within the department \* Identifying the legal issues affecting the training function, including an understanding of a standard of care, and the impact of OSHA and NFPA standards \* Safety considerations in training \* Marketing training internally \* Identifying ways to justify training needs \* Resolving training conflicts using appropriate conflict resolution techniques \* Selecting and evaluating training curriculum and materials from outside sources \* Effective delivery and evaluation of training.

FEMA Hand off class H0290.

Hours: 16 Hours, **47-503-466-00**

**Other NFA Hand-Off Courses may be available upon request- please contact Public Safety with inquiries.**

### Other Courses Offered

*These courses are not funded by outside sources. Full tuition must be paid at time of registration.*

#### **47-503-451-01 Hybrid Electric Vehicle Rescue**

In an effort to properly educate first responders about hybrid electric vehicle safety, the National Alternative Fuels Training Consortium offers first responder safety training. This training is available for first responders provides the needed knowledge and training for first responders who will confront a growing number of automotive accidents involving Hybrid Electric Vehicles as these vehicles become increasingly popular.

Hours: 4

#### **47-503-451-00 Vehicle Extrication & Rescue**

This course will teach the basic safety and removal techniques involved in vehicle extrication. It will cover the use of manual hand tools and heavy hydraulic extrication equipment. During this hands-on course, participants will engage in scene size-up and potential conditions, identifying victim locations, making the area safe by stabilization of the vehicle and isolation of the hazards, dealing with fuel release, victim protection, victim access, disentanglement of victims, and mitigation of special hazards. The use of advanced stabilization, using specialized equipment, dealing with cars under and over other cars, cars over obstructions, cars on embankments, light trucks, floor removal and tunneling may be included during this course. The training includes a three hour classroom lecture and an eight hour hands-on skills day.

Hours: 11

#### **47-503-465-00 Aircraft Fire and Rescue**

Provides basic information needed by firefighters to effectively perform the various tasks involved in aircraft rescue and firefighting. Material covered includes qualifications for aircraft rescue and firefighting (ARFF) personnel, aircraft and airport familiarization, safety and aircraft hazards, ARFF communications, extinguishing agents, ARFF apparatus, rescue tools and equipment, and ARFF strategic and tactical operations.

Hours: 12

#### **47-503-499-00 Emergency Vehicle Operations (EVOC)**

Emergency Vehicle Operations (EVOC) provides classroom and behind-the-wheel emergency vehicle driver training for Fire, EMS and Law Enforcement personnel. It provides emergency vehicle operators with the knowledge and skills necessary to safely operate an emergency vehicle in both emergency and non-emergency modes. Topics include legal aspects of emergency vehicle operations, navigation and route mapping, driver roles and responsibilities, basic driving skills, and proper driving procedures. The first day of class is conducted in the classroom; the second day of class includes a hands-on practical, in which participants will drive an emergency vehicle through a competency course.

Hours: 12

#### **47-503-450-00 LP/Natural Gas Fires**

Natural gas and liquefied gas (LPG) are both utilized as fuel sources in rural and urban locations. This combination of classroom and practical skills prepares responders to understand the chemical and physical characteristics of each fuel. Students will learn how to control these types of emergencies in order to survive a response to natural gas and/or LPG incidents and engage in practical evolutions. Full Personal Protective Equipment (PPE) required.

Hours: 6

**47-503-485-01 Cold Water Ice Rescue**

This hands-on course will present techniques necessary to perform effective surface ice rescues. Public safety personnel and responders will learn how to avoid becoming a victim of the ice environment. Topics will include ice formations and hazards, ice strength evaluation, rescuer and victim responses to acute hypothermia, cold-water near drowning, ice-rescue equipment and techniques, and ice rescue operational plans. The course will include both classroom and open water sessions. Students must be at least 18 years old to receive Dive Rescue certification.

Hours: 12

**47-503-485-02 Cold Water Ice Rescue Shore Support**

This course is targeted for public safety members providing shore support during cold water and/or ice rescue incidents. Classroom topics include ice formations and hazards, ice strength and evaluation, rescuer and victim responses to acute hypothermia, cold-water near drowning, ice rescue equipment and techniques and ice rescue operational plans. During the open water sessions, participants will only provide shore support activities to include line tending.

Hours: 12

**4750348504 Cold Water Ice Rescue Refresher**

This course is a refresher training for students who have previously completed the initial Cold Water Ice Rescue course. This hands-on training will cover techniques necessary to perform effective surface ice rescues. Public safety personnel will practice with tools and techniques to avoid becoming a victim of the ice environment and to work as a team to rescue others.

Hours: 6-12

**4750348503 Cold Water Ice Rescue Shore Support Refresher**

This course is a refresher training for students who have previously completed an initial Cold Water Ice Rescue Shore Support course. This hands-on training will reinforce previously learned skills of assisting with ice rescue equipment, techniques and operational plans.

Hours: 6-12

**4750344701 Rapid Intervention Crew (RIC)**

This course will prepare rapid intervention crews for effective firefighter rescue using the 2015 NFPA 1407 standards. Students will develop a highly disciplined operational capability to rescue firefighters who become lost, injured, trapped, incapacitated, or disoriented in the course of an emergency scene or training operation. This is a physically demanding training, requiring participants to be of good physical fitness, and able to complete both the classroom and skills portions to receive recognition.

Hours: 16

**47-503-434-00 Self-Contained Breathing Apparatus (SCBA)**

Self-Contained Breathing Apparatus (SCBA) training provides learners an introduction to SCBA and the workings of various types of SCBA and their maintenance procedures. Topics may include donning and doffing, SCBA use, inspection, filling and maintenance procedures, controlled breathing techniques, working together as a team, and what to do if SCBA malfunctions or the air supply is depleted. Practical evolutions will also challenge participants to overcome SCBA malfunctions and obstacles. Participants will be given an opportunity to inspect, fill and return their SCBA into service.



**47-503-469-00 Master Smoke Diver**

The master smoke diver's course is an advanced-level firefighting course designed to teach the firefighter the limitations and capabilities of the firefighter's own body, as well as the Self-Contained Breathing Apparatus, commonly known as SCBA. The course will cover topics including respiratory hazards, firefighter safety and emergency operations. The course will involve a combination of classroom and hands-on exercises using the smokehouse maze and/or an acquired Class-A building. The course will include a combination of physical agility and self-preservation techniques such as the Low Profile/Reduced Profile maneuvers as well as conquering entanglement hazards. The focus of this course is to improve the firefighter's confidence and skills while wearing an SCBA. This is a very physically demanding course, and participants must be in good physical condition.

Hours: 12

**47-503-431-00 Emergency Services Instructor (ESI)**

This 40-hour course prepares the participant to perform Fire and EMS instruction duties at a minimum nationally recognized level. The targeted audience is individuals who have previously functioned as "qualified instructors" according to SPS 330.07 and desire, or are required, to increase their knowledge and skills set. Course curriculum is based on NFPA 1041, and delivered using the Jones & Bartlett Emergency Service Instructor text, current edition.

Course topics include instructional delivery, lesson planning, instructional aids and evaluation tools, learning environment, record keeping and interpersonal interactions. A written exam and 30 hours of supervised instruction will complete the certification process for this course. Students who take the course, but do not wish to be certified, are not required to take the written exam or complete the 30 hours of supervised instruction. Those who successfully pass the certification exams will receive IFSAC accreditation.

Hours: 40

**Other courses may be available upon request- please contact Public Safety with inquiries.**