

**Career-Technical Credit Transfer (CT)²
 Firefighter II, Career-Technical Assurance Guide (CTAG)
 October 23, 2014**

The following programs/courses, indicated by a Career-Technical Articulation Number (CTAN), are eligible for granted college credit at state institutions of higher education for (CT)² approved programs/courses at adult career-technical education institutions and public secondary career-technical institutions. In addition, the following courses, indicated by a Career-Technical Articulation Number (CTAN), are eligible for transfer among approved programs/courses at state institutions of higher education.

| CTFF003 Career Firefighter I and II | Credits: 11 Semester Hours |
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| <p>Advising note: For qualification at Level II, the Firefighter I shall meet the general knowledge requirements in 6.1.1, the general skill requirement in 6.1.2, the JPRs defined in Sections 6.2 through 6.5 of this standard, and the requirements defined in Chapter 5. (General) NPFA 1001 Ch. 6.1 Admit only those individuals who are at least eighteen years of age, except that a chartered program may admit a student who is seventeen years old provided that the student has graduated or is enrolled in the twelfth or final grade in a secondary school program.</p> | <p>Semester Credit Hours: 11, unless previous credit was earned for Firefighter I in which case the balance of 11 semester hours will be awarded (see Firefighter I CTAG for credit hour value). For example, a person holding Firefighter I certification and who has received 7 semester hours of credit would be awarded four (4) semester hours of credit for completing an additional 104 hours of training for Firefighter II.</p> <p>Pre-requisites:</p> <ol style="list-style-type: none"> 1. Current and valid state of Ohio Firefighter I and II certifications or an Ohio Firefighter II certification 2. Completion of training courses offered by an Ohio public career-technical institution (secondary or adult) or public college or university |

Each CTAN identifies the learning outcomes that are equivalent or common in introductory technical courses. In order for students to be able to receive credit under these agreements, the career-technical programs and the state institutions of higher education must document that their course/program content matches the learning. Recognized industry standards are expectations established by business, industry, state agencies, or professional associations. These standards define training program curricular requirements, establish certification or licensure criteria, and often serve as the basis for program accreditation.

Requirements and Credit Conditions:

1. The receiving institution must have a comparable program, major, or courses that have been approved through submission to the Ohio Board of Regents (CT)² approval process for the CTANs listed in this document. (Ohio Department of Education course code 170344)(FFII).
2. Credits apply to courses in the specified technical area at Ohio's public institutions of higher education, provided that the institution offers courses in the specific technical area. In the absence of an equivalent course, and when the institution offers

- the technical program, the receiving institution will guarantee to grant and apply an equivalent credit value of the Career-Technical Articulation Number (CTAN) toward the technical requirements of the specific degree/certificate program.
3. The applicant must provide proof to the receiving institution that she/he completed a course or program that has been approved through the (CT)² approval process and that she/he holds the appropriate credential or has passed the end-of-program assessment.
 4. A career-technical student seeking credit under the terms of this CTAG must apply and be accepted to the college within three years of completing a career-technical education program/course or within the currency of the industry certificate or license.
 5. A career-technical student who meets all eligibility criteria will receive the credit hour value for the comparable course(s) as offered at the receiving state institution of higher education.
 6. The admission requirements of individual institutions and/or programs are unaffected by the implementation of (CT)² outcomes.
 7. The transfer of credit through this CTAG will not exempt a student from the residency requirements at the receiving institution.

Public secondary career-technical students must complete the “Fire Course 4: Firefighter II” pathway to be eligible for credit under this CTAG. This pathway is outlined in the Ohio Department of Education’s *Fire Pathway*.

CTFF003 – Career Firefighter I and II

General Course Description: This course prepares individuals to assume and transfer command within an incident management system. Persons will learn how to perform assigned duties in conformance with applicable NFPA and other safety regulations and Authority Having Jurisdiction (AHJ) procedures. The role and responsibilities of the Career Firefighter I and II will be covered.

A training program for Career Firefighter I and II certification shall consist of:

- 1) A training program of not less than 260 hours which covers all objectives in NFPA 1001 standards for Career Firefighter I and II. Such a program will meet all aspects of the training for Firefighter I @ 156 hours plus an additional 104 hours.

Credits: 11 Semester Hours (see note under credit hours on cover page).

Learning Outcomes:

Outcomes marked with an asterisk are essential and must be taught.

1. Explain and apply the actions required within the Incident Management System (IMS) for: 1) distinguish the need for organizing, assuming, and transferring command, 2) apply all applicable NFPA, department, and AHJ safety procedures while assuming an assigned roll within the IMS system.* (General Knowledge Requirements) NFPA 1001 Ch. 6.1.1-6.1.2

2. Identify the information required for completing incident reports and explain the reasons for completing thorough, accurate reports. Demonstrate how to obtain pertinent, accurate information while completing a written or electronically generated incident report.* (Department Communications) NFPA 1001 Ch. 6.2-6.2.1
3. Explain and demonstrate providing radio communications addressing the progress and needs of the team/company.* (Department Communications) NFPA 1001 Ch. 6.2.2
4. Explain and demonstrate: 1) choosing the correct type of foam, 2) using the appropriate method and rate of foam application to extinguish given fires, 3) generating and applying foam to reduce hazards, 4) selecting and operating various types of nozzles to apply foam.* (Fireground Operations-Foam) NFPA 1001 Ch. 6.3.1
5. Evaluate the fire scene and structure stability, select the appropriate tools and equipment, demonstrate an interior attack on a structure fire, maintaining communication with your team and incident command, performing ventilation, search and rescue of victims, and extinguishing fire located on various levels and grades of the structure.* (Fireground Operations- Structure Fires) NFPA 1001 Ch. 6.3.2 NOTE: NFPA 1403 "Standard on Live Fire Training Evolutions" applies.
6. Explain the procedures and identify hazards, and demonstrate the skills required for: 1) evaluating safety concerns, cylinder contents, and cylinder integrity of a cylinder on fire, 2) identifying safe havens, and evacuation procedures, 3) selecting the appropriate tools, equipment, and water application techniques and flow requirements, 3) evaluating, controlling and extinguishing a flammable cylinder fire.* (Fireground Operations-Flammable Cylinder Fire) NFPA 1001 Ch. 6.3.3
7. Explain the measures taken and demonstrate the steps required for identifying the origin and cause of a fire, and protecting possible evidence of arson.* (Fireground Operations-Protecting Evidence) NFPA 1001 Ch. 6.3.4
8. Explain and perform the following: 1) assessing scene safety and stabilization of a vehicle involved in an accident, 2) assessing the vehicle's strong, weak, and access points, 3) using extrication tools and equipment to remove vehicle components to disentangle a victim, 4) assisting a technical rescue team by retrieving equipment and/or tools and recognizing inherent hazards associated with various types of rescues.* (Rescue Operations) NFPA 1001 Ch. 6.4-6.4.2
9. Explain current programs and procedures that target reducing fires and life safety hazards through inspections, education, and public relations. Prepare a fire safety survey on an occupied structure generating recommendations for reducing possible hazards.* (Fire and Life Safety Initiatives, Preparedness, and Maintenance) NFPA 1001 Ch. 6.5-6.5.1
10. Discuss the basic presentation skills and knowledge requirements needed for conducting a safety presentation using prepared materials. Demonstrate a safety presentation to a small group of people during a station tour.* (Fire and Life Safety Initiatives, Preparedness, and Maintenance) NFPA 1001 Ch. 6.5.2
11. Explain the procedures for conducting a pre-incident survey and prepare a pre-incident report, use appropriate forms, prepare a diagram of the structure, using common symbols to designate the water supply, fire detection and suppression systems, construction features, and utilities, identify special features and hazards associated with the structure.* (Fire and Life Safety Initiatives, Preparedness, and Maintenance) NFPA 1001 Ch. 6.5.3

12. Explain and demonstrate the cleaning and maintenance of power plants, power tools, lighting equipment, and hand tools. Complete appropriate maintenance records.* (Fire and Life Safety Initiatives, Preparedness, and Maintenance) NFPA 1001 Ch. 6.5.4
13. Explain the processes and demonstrate the procedures for inspecting, testing, placing hose out-of-service and completing documentation of test results.* (Fire and Life Safety Initiatives, Preparedness, and Maintenance) NFPA 1001 Ch. 6.5.5

Firefighter Panel Participants

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Hocking College
Bowling Green State University

Ohio Department of Education
Ohio Department of Education

Ohio Board of Regents

Ohio Articulation and Transfer Network
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Ohio Board of Regents

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The Firefighter II CTAG originated in 2008 with work from the following panel participants:

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