

Northwest Arkansas Community College
(Health Professions Division)

Discipline Code

FIRE

Course Number

1104

Course Title

Firefighter I

Catalog Description

This course is designed to provide students with the knowledge and skills necessary to become a Firefighter at the first level of certification. This course follows NFPA Standard 1001 - Firefighter Professional Qualifications. Prerequisites: FIRE 1063, FIRE 1073, EMTA 1022 and EMTA 1021.

Prerequisites

FIRE 1063, FIRE 1073, EMTA 1022, and EMTA 1021

Credit Hours

4 credit hours

Contact hours

60 lecture contact hours

Load hours

4 load hours

Semesters Offered

Spring

ACTS Equivalent

None

Grade Mode

A-F

Learning Outcomes

Students completing this course will:

- Demonstrate understanding of knowledge that is criterion-referenced and required for standards outlined in NFPA Standard 1001. This will be demonstrated by successful completion of written exams for each unit of study and a final exam.
- Demonstrate successful mastery of skills required for standards outlined in NFPA Standard 1001. This will be demonstrated by performance based exam for each unit of study, and

by a final performance based exam.

- Acknowledge the necessity to apply his or herself, as to develop a competent level of knowledge and skill necessary, recognizing the nature of the life-saving importance inherent within this field of study.

General Education Outcomes Supported

- Students develop higher order thinking skills.

Standard Practices

Topics list

- Firefighter Orientation
- Firefighter Safety
- Fire Behavior
- Building Construction
- Firefighter Protective Clothing
- Self-Contained Breathing Apparatus (SCBA)
- Portable Fire Extinguishers
- Ropes and Knots
- Building Search and Victim Removal
- Forcible Entry Tools
- Forcible Entry Construction and Techniques
- Ground Ladders
- Ventilation
- Water Supply
- Coupling, Loading, and Rolling Hose
- Laying, Carrying, and Advancing Hose
- Water Fire Streams
- Classes A, B, C, D, K, Vehicle, and Wildland Control Firefighting
- Sprinkler System Fundamentals
- Salvage and Overhaul, and Protecting Evidence of Fire Cause
- Fire Department Communications Equipment and Techniques
- Fire Prevention and Public Education

Assessments

- 1. Written exams passed with a minimum 70% over all cognitive objectives based on NFPA Standard 1001, Firefighter I level.
- 2. Observation and clinical/practical evaluation of mastery of all psychomotor skills required based on NFPA Standard 1001, Firefighter I level.
- 3. Observation of students synthesizing the knowledge and skills, along with the concept of, the importance of a qualified entry-level Firefighter and the life and property saving aspects of the profession.

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