

NorthWest Arkansas Community College

Division of Health Professions/ Fire Science

Course Number and Title

FIRE 1104 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, and EMTA 1013.

Prerequisites

EMTA 1013, FIRE 1063, and FIRE 1073

Credit Hours/ Contact Hours/ Load Hours

4/120/4

Target Audience/Transferability

This is designed for the student seeking employment in the Fire Service. The course provides the student with the basic fundamentals of firefighting, and prepares them to continue their firefighter training towards Firefighter II certification.

Student Learning Outcomes

Cognitive:

The student 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.

Psychomotor Skills:

The student will 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.

Attitudes:

The student will 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.

Topics

- A. Firefighter Orientation
- B. Firefighter Safety
- C. Fire Behavior
- D. Building Construction
- E. Firefighter Protective Clothing
- F. Self Contained Breathing Apparatus (SCBA)
- G. Portable Fire Extinguishers
- H. Ropes and Knots
- I. Building Search and Victim Removal
- J. Forcible Entry Tools
- K. Forcible Entry Construction and Techniques
- L. Ground Ladders
- M. Ventilation
- N. Water Supply
- O. Coupling, Loading, and Rolling Hose
- P. Laying, Carrying, and Advancing Hose
- Q. Water Fire Streams

- R. Classes A, C, D, Vehicle, and Wildland Control Firefighting
- S. Sprinkler System Fundamentals
- T. Salvage and Overhaul, and Protecting Evidence of Fire Cause
- U. Fire Department Communications Equipment and Techniques
- V. Fire Prevention and Public Education

Forms of Assessment

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.