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 Emergency Medical Responder, FIRE 1063 Fire Service Special Operations, and FIRE 1073 Firefighter Health & Safety

Credit Hours/ Contact Hours/ Load Hours
4/180/4

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
- 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.
- 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.
- 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.

Outline of Instruction
I. Firefighter Orientation
II. Firefighter Safety
III. Fire Behavior
IV. Building Construction
V. Firefighter Protective Clothing
VI. Self Contained Breathing Apparatus (SCBA)
VII. Portable Fire Extinguishers
VIII. Ropes and Knots
IX. Building Search and Victim Removal
X. Forcible Entry Tools
XI. Forcible Entry Construction and Techniques
XII. Ground Ladders
XIII. Ventilation
XIV. Water Supply
XV. Coupling, Loading, and Rolling Hose
XVI. Laying, Carrying, and Advancing Hose
XVII. Water Fire Streams
XVIII. Classes A, C, D, Vehicle, and Wildland Control Firefighting
XIX. Sprinkler System Fundamentals
XX. Salvage and Overhaul, and Protecting Evidence of Fire Cause

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.