# NorthWest Arkansas Community College
## Division of Health Professions/ Fire Science

**Course Number and Title**
FIRE 1104 Firefighter I

**Catalog Description**
This course is the step in meeting the National Fire Protection Associations (NFPA) regulations that train the firefighter in the skills necessary for effective fire protection, as well as personal safety for firefighters. This course follows NFPA 1001 National Standard Curriculum as set forth by the NFPA. Upon successful completion of this course, the student should meet the requirements to challenge the Arkansas Certification Exam. Registration through the Arkansas Fire Academy is required. Career firefighters who have credit for Firefighter I may receive substitute credit for this course.

**Prerequisites**
EMTA 1013 First Responder and FIRE 2063 Fire Service Special Operations

**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**
- 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.