

**NorthWest Arkansas Community College**  
**Allied Health/ Fire Science Course**

**FIRE 1114 Firefighter II**

**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 II may receive substitute credit for this course.

**Credit Hours/ Contact Hours/ Load Hours**

4/

**Required Methods of Instruction**

Instructors will utilize both lecture and lab sessions. The lecture sessions are designed to present the student the information needed to meet the standards for Firefighter II, outlined in the National Fire Protection Association Standard 1001 – Firefighter Professional Qualifications. The lab sessions are designed to provide the student with the skills needed to meet the previous mentioned standard. This course is competency based.

**Target Audience and Transfer**

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.

**Essential Course 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.

**Required Text**

International Fire Service Training Association, Essentials of Firefighting, 4<sup>th</sup> Edition.  
Stillwater, OK.: Fire Protection Publications, Oklahoma State University, 1998

## Topics

- A. Implementing the Incident Management System
- B. Construction Materials and Building Collapse
- C. Rescue and Extrication Tools
- D. Vehicle Extrication and Special Rescue
- E. Hydrant flow and Operability
- F. Hose Tools and Appliances
- G. Foam Fire Streams
- H. Ignitable Liquids and Flammable Gas Fire Control
- I. Fire Detection, Alarm, and Suppression Systems
- J. Fire Cause and Origin Detection
- K. Radio Communications and Incident Reports
- L. Pre-Incidents Surveys