

NorthWest Arkansas Community College
Allied Health/ Fire Science Course

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.

Credit Hours/ Contact Hours/ Load Hours

4/120/4

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 I, 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:

1. 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:

2. 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:

3. 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, 4th Edition.
Stillwater, OK.: Fire Protection Publications, Oklahoma State University, 1998

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

Resources

<u>Item</u>	<u>Description</u>	<u>Location</u>
Instructor Manuals	IFSTA Fire Protection Publications Firefighter I and II Instructor Curriculum	NWACC
CD ROM Power Point Presentations	IFSTA Fire Protection Publications Firefighter I and II Power Point CD ROMS	NWACC
Video Tapes	Accompanies Different Modules From Firefighter I and II Curriculum	NWACC