

Northwest Arkansas Community College
(Health Professions Division)

Discipline Code

FIRE

Course Number

1043

Course Title

Fire Prevention and Inspection

Catalog Description

This course provides students with an overview and understanding of the field of fire prevention including its history, code development and enforcement, inspection principles, and public fire and life safety education.

Prerequisites

None

Credit Hours

3 credit hours

Contact hours

45 lecture contact hours

Load hours

3 load hours

Semesters Offered

Fall

ACTS Equivalent

None

Grade Mode

A-F

Learning Outcomes

Students completing this course will:

- Recall the basis components of fire and its behavior.
- Define the national fire problems and trends through history that have led to the development of fire codes today.
- Recognize and understand the need for and the responsibilities of fire prevention in the overall view of fire protection.

- Recognize the need, responsibilities, and importance of fire prevention organizations.
- Review minimum qualifications for Fire Inspector, Fire Investigator, and Public Fire and Life Safety Educator.
- Define the various elements of a fire prevention program, including plans review, inspection and code enforcement, and public education.
- Design a public education media program presentation.
- Discuss the success of fire prevention based on current data and trends.

General Education Outcomes Supported

- Students develop higher order thinking skills.
- Students can write clear, coherent, well-organized documents, substantially free of errors.

Standard Practices

Topics list

- The Basis for Fire Prevention
- Public Fire Preventions Organizations and Functions
- Private Fire protection and prevention Organizations
- Fire Prevention Through the Code Process
- Plan review
- Inspection
- Fire Protection Systems Testing
- Other Fire Prevention Functions
- Fire Prevention Through Investigations
- Fire Prevention Through Public Education, Awareness, and the Public forum
- Fire Prevention Records and Record Keeping
- Personnel
- Financial Management
- Community Risk Reduction

Assessments

- Complete course requirements via written exams and a comparison of two National Fire Protection Association Technical Reports and submit in written form with a minimum cumulative grade of 70%.

Revision Date March 5, 2020

