

COURSE SYLLABUS

LAST REVIEW	Spring 2021
COURSE TITLE	Fire Prevention
COURSE NUMBER	FRSC 0101
DIVISION	Health Professions
DEPARTMENT	Fire Science
CIP CODE	43.0203
CREDIT HOURS	3
CONTACT HOURS/WEEK	Class: 3
PREREQUISITES	None
COURSE PLACEMENT	Students must meet the correct placement measure for this course. Information may be found at: https://www.kckcc.edu/admissions/information/mandatory-evaluation-placement.html

COURSE DESCRIPTION

This course provides fundamental knowledge relating to the field of fire prevention. Topics include: history and philosophy of fire prevention; organization and operation of a fire prevention bureau; use and application of codes and standards; plans review; fire inspections; fire and life safety education; and fire investigation.

PROGRAM LEARNING OUTCOMES

1. Demonstrate physical skills needed for employment as a firefighter.
2. Explain fire behavior.
3. Apply emergency management skills to provide basic emergency medicine in the field.
4. Evaluate strategy and tactics related to fire safety, survival techniques, and fire management.
5. Explain legal issues related to fire services administration.
6. Demonstrate employability skills necessary for completing the job search process

TEXTBOOKS

<http://kckccbookstore.com/>

METHODS OF INSTRUCTION

A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom.

Methodology will be selected to best meet student needs.

COURSE OUTLINE

- I. National Fire Problem and Role of Fire Prevention
 - A. Definition
 - B. Historical Overview
 - C. Data Analysis/GIS
 - D. Current Trends of Fire Prevention

- II. Fire Prevention Organizations and Associations
 - A. Public--Federal, State and Local
 - B. Private--International, National and Regional

- III. Laws, Rules, Regulations and Codes
 - A. Definitions
 - B. Applicability
 - C. Interrelationship
 - D. Limitations

- IV. Fire Prevention Bureau Functions
 - A. Data Collection and Analysis
 - B. Plans Review
 - C. Fire Inspections
 - D. Fire and Life Safety Education
 - E. Fire Investigations

- V. Tools and Equipment
 - A. Data Collection and Analysis
 - B. Plans Review
 - C. Fire Inspections
 - D. Fire and Life Safety Education
 - E. Fire Investigations

- VI. Roles and Responsibilities of Fire Prevention Personnel
 - A. Data Collection and Analysis
 - B. Code Development and Interpretation
 - C. Training and Education
 - D. Enforcement
 - E. Management

- VII. Professional Certification
 - A. Categories and Levels
 - B. Local
 - C. State
 - D. National

- VIII. Professional Development
 - A. National Fire Prevention Development Model
 - B. Training and Education
 - C. Certification Systems

COURSE LEARNING OUTCOMES

Upon successful completion of this course, the student will:

- A. Define the national fire problem and the role of fire prevention.
- B. Identify and describe fire prevention organizations and associations.
- C. Define laws, rules, regulations, and codes, and identify those relevant to fire prevention of the authority having jurisdiction.
- D. Define the functions of a fire prevention bureau.
- E. Describe inspection practices and procedures.
- F. Identify and describe the standards for professional qualifications for Fire Marshal, Plans Examiner, Fire Inspector, Fire and Life Safety Educator, and Fire Investigator.
- G. List opportunities in professional development for fire prevention personnel.
- H. Describe the history and philosophy of fire prevention.

ASSESSMENT OF COURSE LEARNING OUTCOMES

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

COLLEGE POLICIES AND PROCEDURES

Student Handbook

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

College Catalog

<https://www.kckcc.edu/academics/catalog/index.html>

College Policies and Statements

<https://www.kckcc.edu/about/policies-statements/index.html>

Accessibility and Accommodations

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>

