

# COURSE SYLLABUS

<b>LAST REVIEW</b>	Spring 2021
<b>COURSE TITLE</b>	Historical Foundations of the Fire Science
<b>COURSE NUMBER</b>	FRSC 0272
<b>DIVISION</b>	Health Professions
<b>DEPARTMENT</b>	Fire Science
<b>CIP CODE</b>	43.0203
<b>CREDIT HOURS</b>	3
<b>CONTACT HOURS/WEEK</b>	Class: 3
<b>PREREQUISITES</b>	None
<b>COURSE PLACEMENT</b>	Students must meet the correct placement measure for this course. Information may be found at: <a href="https://www.kckcc.edu/admissions/information/mandatory-evaluation-placement.html">https://www.kckcc.edu/admissions/information/mandatory-evaluation-placement.html</a>

## COURSE DESCRIPTION

Emphasis is placed on the historical evolution of the fire service as it pertains to the equipment, organizational structures, terminology, customs and traditions. Students will be involved in looking at primary and secondary documents in developing an understanding of the fire service culture. Critical analysis and historical research will be advanced in the curriculum using local historical records and artifacts.

## 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.

- I. Introduction to the History of the Fire Service
  - A. Mans use and control of fire
  - B. Romans contribution to firefighting
  - C. Saint Florian
  - D. Firefighting in Colonial America
  
- II. History of Firefighting Equipment
  - A. First fire engine
  - B. Why fire engines are red
  - C. History of the fire hydrant
  - D. The advent of the fire extinguisher
  - E. The development of the fire hose
  - F. History of the fire helmet
  - G. The development of breathing apparatus
  - H. Turnout and bunker gear
  
- III. The Tradition
  - A. The Maltese Cross
  - B. Fire department Rank Insignia
  - C. The true story of the Dalmatians.
  
- IV. Great Fire Disasters
  - A. Great fire disasters and lessons learned
  - B. Firefighters prayer
  - C. Mayday
  - D. A historical look at major firefighter fatality fires.
  - E. Bagpipes at firefighter funerals
  - F. Tolling of the bells
  - G. The last alarm
  
- V. Emergency Medical Services
  - A. Paramedic Prayer
  - B. Star of Life
  - C. History of the ambulance
  - D. The origins of the Paramedic

## **COURSE LEARNING OUTCOMES**

Upon successful completion of this course, the student will:

- A. Discuss the history of fire and the dawn of firefighting.
- B. Identify the evolution of firefighting equipment.
- C. Understand fire department traditions and their significance.
- D. Outline significant fire disasters and the lessons learned.
- E. Discuss the incorporation of emergency medical services into the fire department.

## **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>.