

El Paso Community College
Syllabus
Part II
Official Course Description

SUBJECT AREA	<u>Fire Technology</u>
COURSE RUBRIC AND NUMBER	<u>FIRT 1319</u>
COURSE TITLE	<u>Firefighter Health and Safety</u>
COURSE CREDIT HOURS	<u>3 3 : 0</u> Credits Lec Lab

I. Catalog Description

Studies firefighter occupational safety and health in emergency and non-emergency situations. This course meets Fire and Emergency Services Higher Education (FESHE) Model Curriculum core requirements. (3:0).

II. Course Objectives

Upon satisfactory completion of this unit, the student will be able to

- A. Discuss the scope and requirements of NFPA 1500.
- B. Define and describe the requirements of a risk management program.
- C. Describe the roles and responsibilities of the Fire Department, Health and Safety Officers, and Occupational Safety and Health Committees.
- D. Describe the components of a training and education program incorporated to prevent occupational accidents, deaths, injuries, and illness.
- E. Describe the training requirements and frequency of training for various aspects of fire department operations, including structural firefighting, training exercises, airport rescue and firefighting, wildland firefighting, emergency medical services, hazardous materials, and special operations.
- F. Describe the training requirements for apparatus drivers and officers.
- G. Describe the frequency of training for various aspects of fire department operations.
- H. Describe the safety considerations for specification, design, construction, operation, maintenance, inspection, and repair of fire department vehicles.
- I. Describe the requirements and procedures for the safe operation of fire department vehicles, including safety of persons riding in fire apparatus.
- J. Describe the safety considerations for the specification, design, operation, maintenance, inspection, and repair of tools and equipment.
- K. Describe the requirements for the use of personal protective equipment for structural firefighting, proximity clothing, emergency medical incidents, hazardous chemicals, and support functions.
- L. Describe the requirements for the proper and safe use of respiratory protection devices.
- M. Describe the requirements of an incident command system.
- N. Describe the procedures for implementation of risk management, accountability, rapid intervention, and rehabilitation at emergency incidents.
- O. Describe the components of a post-incident analysis.
- P. Describe safety considerations when operating in dangerous conditions on the fireground.
- Q. Describe safety standards and requirements for new and existing fire department facilities.
- R. Describe the components of a facility safety inspection program.
- S. Describe medical and physical performance requirements for candidates and active firefighters.
- T. Describe the requirements of an infection control and post injury/illness rehabilitation program.
- U. Describe the components of a member assistance program.
- V. Describe requirements of an employee wellness program.
- W. Describe the components and requirements of a Critical Incident Stress Program.

- X. List signs and symptoms associated with Critical Incident Stress.

III. THECB Learning Outcomes (WECM)

1. Describe components of a firefighter safety and health program.
2. Explain safety practices and procedures related to emergency and non-emergency operations.
3. outline the components of a firefighter wellness program.

IV. Evaluation

Attendance Policy: Students absent for two more class periods without a valid excuse as determined by the instructor may be dropped from the course. Any exam or assignment not completed as a result of an unexcused absence will receive a grade of "0" for that exam or assignment.

Students who do not attend class before or on the census date listed in the Credit Course Schedule and the Course Calendar and have not contacted the instructor with a valid excuse will be dropped from the course.

Tardiness Policy: Students must be seated and ready to begin class at the scheduled time. Students tardy for two or more class periods without a valid excuse as determined by the instructor may be dropped from the course.

Expect class to last the entire scheduled time. Students may not leave class early without a valid excuse or without having made arrangements with the instructor. Students doing so will be considered absent for that class period.

Withdrawal Policy: Students who desire to withdraw are responsible for initiating withdrawal action through the EPCC Registrar's Office according to the policy in the Credit Class Schedule. **After the drop date listed in the Credit Class Schedule and the Course Calendar, students will receive a grade based upon all required items. Items not completed will be given a grade of "0".**

Students requesting an Incomplete, "I", must comply with EPCC policies and procedures listed in the Credit Class Schedule.

Cheating Policy: Students determined to be cheating on an exam or plagiarizing another student's assignment will be given a grade of "0" for that exam or assignment. An incident report documenting the circumstances will be prepared by the Instructor and submitted to the Instructional Coordinator of Fire Technology and then forwarded to the Instructional Dean Occupational Education. A copy of the report will be provided to the student. A second such incident will be grounds for dismissal of the student from the course with a grade of "F".

Grading Scale

- A: 90 - 100
- B: 80 - 89
- C: 75 - 79
- D: 70 - 74
- F: 0 - 69

V. Disability Statement (Americans with Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

VI. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.