

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Fire Technology</u>
COURSE RUBRIC AND NUMBER	<u>FIRT 2331</u>
COURSE TITLE	<u>Firefighting Strategies and Tactics II</u>
COURSE CREDIT HOURS	<u>3 3 : 0</u> Credits Lec Lab

I. Catalog Description

Emphasizes the use of incident management in large scale command problems and other specialized fire problems.

Prerequisite: FIRT 2309. (3:0).

II. Course Objectives

- A. Describe the components and development of attack plans, including strategy, tactical priorities, and tactical objectives.
- B. Describe the principles and techniques utilized to control and coordinate fireground operations, including implementation of incident command and the Incident Management System.
- C. Describe the components of fire behavior, including the processes and components of combustion, stages of fire, methods of heat transfer, and the characteristics and behavior of smoke in structures, and identify the classes of fire and the mechanisms for extinguishing each class.
- D. Identify hazardous fireground conditions and describe associated safety practices and procedures.
- E. Describe fire fighting operational considerations regarding building construction features and their impact on fire spread and control, fire protection systems, and indications of structural collapse.
- F. Describe standard operations for ladder and engine companies and describe the components and process of development of a prefire plan and the post fire critique process.
- G. Demonstrate first response skills for WMD/Delta Incidents, Aircraft and Mass Casualty Incidents, Mountain Rescue, Water Rescue, High-Angle Rescue, Building Collapse Search and Rescue, Confined Space Rescue, and Bee Emergencies.
- H. Identify and describe appropriate strategy and tactical objectives for the control and mitigation of specific fire problems, including: major fires and conflagrations, structural fires, and special fire problems, including high-rise structure fires, flammable liquid and gas fires, industrial fire hazards, and vehicle fires.
- I. Analyze a significant fire incident and describe the nature of the incident, fire scene, significant factors impacting operations, and the Incident Management System organization and determine the strategy, tactical priorities, tactical operations, and specific tactics utilized to mitigate the incident.

III. THECB Learning Outcomes (WECM)

1. Utilize the incident management system.
2. Diagram a fire attack for a complex fire incident.
3. Develop strategies to mitigate various emergency scenarios.

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 (American 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.