FIRT 1301 FUNDAMENTALS OF FIRE PROTECTION
Syllabus
El Centro College/Cedar Hill High School

Instructor Information
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Course Information
Course Title: Fundamentals of Fire Protection
Course Number: 1301
Section Number: 51283
Semester/Year: 2020FA
Credit Hours: 3
Class Meeting Time/Location: Online
Certification Date:
Last Day to Withdraw:

Course Prerequisites
Admittance to college.

Course Description
This course provides an overview to fire protection and emergency service, culture, history, and career opportunities in fire protection and related fields.

Course Objectives:
Students will:
• Describe the education and firefighter selection process.
• Describe employment opportunities in fire protection service and the private sector.
• Explain the historical evolution of emergency service.
• List the general responsibilities of the modern fire service.
• Identify public and private support organizations.
• Describe the different types of personal protective equipment used by firefighters.
• Describe the fire department chain of command.
• Identify the support functions required by the fire department.
• Explain the difference between technical and manipulative training.
• Describe the importance of fire prevention.
• Describe the activities performed by a fire prevention bureau.
• Explain the relationship between federal, state, and local regulations.
• Explain who is responsible for enforcing codes and ordinances at different levels.
• Describe the components of a water supply system and explain the importance of a dependable water supply system.
• Explain the need for a plan at every incident.
• Explain how size up is performed and what information must be communicated.
• Identify the role of the fire department at various types of emergencies.
• List important safety consideration when operating at different types of emergencies.

STUDENT LEARNING OUTCOMES:
UPON COMPLETION OF THE FIRE 1301, STUDENTS WILL BE ABLE TO:
• Describe the basis components of fire as a chain reaction.
• Differentiate between fire service training and education and explain the value of higher education.
• List and describe the major organizations that provide emergency response service.
• Identify fire protection and emergency service careers.
• Describe the common types of fire and emergency service facilities, equipment, and apparatus.
• Describe the importance of wellness and fitness as it relates to emergency service.
• Describe the classes of extinguishers and their effect on the fire tetrahedron.

Required Course Materials
Note: A student of this institution is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

“Important: Students who are part of the IncludED program do not need to purchase any learning materials unless directed by the instructor.”

Description of Graded Work
Method of Evaluation

Tests, homework assignments, class participation and individual activities. Learning activities include discussions, lectures, in-class research. There will be chapter tests as well as Internet research assignments, online program completions and research assignments. Tests will be done in class and/or via eCampus.

Final Grade

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<tr>
<th>Percentages</th>
<th>Letter Grade</th>
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<tbody>
<tr>
<td>90-100%</td>
<td>A</td>
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<tr>
<td>80-89%</td>
<td>B</td>
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<td>70-79%</td>
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<td>60-69%</td>
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<tr>
<td>0-59%</td>
<td>F</td>
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Make Up/ Late work Policy

Students are expected to complete all assignments and tests. If they are absent, they must consult their instructor about completion of assignments and tests. Grade deductions will be made for late submissions.

Institutional Policies

Institutional Policies relating to this course can be accessed using the link below. These policies include information about tutoring, Disabilities Services, class drop and repeat options, Title IX, and more.

El Centro Institutional Policies (http://www.elcentrocollege.edu/syllabipolicies)
Disclaimer: The provisions contained in this syllabus do not constitute a contract between the student and El Centro College. These provisions may be changed at the discretion of the Coordinator/Instructor. When necessary, appropriate notice of such changes will be given to the student.