Instructor Information
Name: James E. Hunter (Lieutenant - Retired)
Email: james.hunter@dcccd.edu
Phone: (214) 215-4169 text / call
“Instructors typically respond to emails from students within 24 hours; however, over the weekend and holiday periods, there may be a delay in response. Find out more about contacting your instructor.”

Course Information
Course Title: Fundamentals of Fire Protection
Course Number: 1301
Section Number: 51202
Semester/Year: FALL 2020
Credit Hours: 3
Class Meeting Time/Location: 1ST 8 weeks M,T,W,R,F,S via Internet starting on 8/24/20-10/15/20. Collaborate Ultra meeting on each Tuesday at 1:00pm. If you miss virtual meeting check under “Collaborate Ultra Recorded meetings to view latest class meeting”. (classes will be recorded and made available to you).

Certification Date: Check My Class Roster on eConnect for date.
Last Day to Withdraw: Check My Class Roster on eConnect for date.

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:

- Identify fire protection careers in public fire service.
- Identify civilian positions in the fire service.
- Identify fire protection careers in the private fire service.
- Describe the evolution of fire protection.
- Discuss the difference between the fire triangle and the fire tetrahedron.
- Identify and describe the six principles of command.
- Discuss the role of dispatch.
- Describe the activities performed by a fire prevention bureau.
- Describe the purpose and components of public and private water.
- Discuss the management responsibility at an emergency incident.

**STUDENT LEARNING OUTCOMES:**

**UPON COMPLETION OF THE FIRT 1301, STUDENTS WILL BE ABLE TO:**

- Illustrate and explain the history and culture of the fire service.
- Analyze the basic components of fire as a chemical chain reaction, the major phases of fire, and examine the main factors that influence fire spread and fire behavior.
- Differentiate between fire service training and education and explain the value of higher education to the professionalization of the fire service and illustrate how they interrelate.
- Identify fire protection and emergency-service careers in both the public organizations and private sector.
- Define the role of national, state, and local support organizations in fire and emergency services.
- Discuss and describe the scope, purpose, and organizational structure of fire and emergency services.
- Describe the common types of fire and emergency service facilities, equipment, and apparatus.
- Compare and contrast effective management concepts for various emergency situations.
- Identify the primary responsibilities of the prevention personnel including code enforcement, public information and public and private protection systems.
- Recognize the components of career preparation and goal setting.
- Describe the importance of wellness and fitness as it relates to emergency services.
Required Course Materials
Robert Klinoff; Jones and Bartlett Learning Publisher (ISBN -978-1-284-13612-8).
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

<table>
<thead>
<tr>
<th>Percentages</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100%</td>
<td>A</td>
</tr>
<tr>
<td>80-89%</td>
<td>B</td>
</tr>
<tr>
<td>70-79%</td>
<td>C</td>
</tr>
<tr>
<td>60-69%</td>
<td>D</td>
</tr>
<tr>
<td>0-59%</td>
<td>F</td>
</tr>
</tbody>
</table>

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) (http://www.elcentrocollege.edu/syllabipolicies)

10/21/19 Version

Course Schedule

Listing of Topics by Week for Fundamentals of Fire Protection Course Number: 1301

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Readings &amp; Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fire Protection Career Opportunities</td>
<td>Chapter 2</td>
</tr>
<tr>
<td>2</td>
<td>Public Fire Protection</td>
<td>Chapters 3</td>
</tr>
<tr>
<td>3</td>
<td>Chemistry and Physics of Fire</td>
<td>Chapters 4</td>
</tr>
<tr>
<td>4</td>
<td>Fire Department Administration</td>
<td>Chapters 7</td>
</tr>
<tr>
<td>5</td>
<td>Support Functions</td>
<td>Chapters 8</td>
</tr>
<tr>
<td>6</td>
<td>Fire Prevention</td>
<td>Chapters 10</td>
</tr>
<tr>
<td>7</td>
<td>Fire Protection System and Equipment</td>
<td>Chapters 12</td>
</tr>
<tr>
<td>8</td>
<td>Emergency Incident Management</td>
<td>Chapter 13</td>
</tr>
</tbody>
</table>

You have your book and study material on “Day 1”, you know what is coming, what is due, and what you need to do. You can also do an assignment in advance.

10/21/19 Version