Instructor Information
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Course Information
Course Title: Firefighter Health and Safety
Course Number: FIRT 1319
Section Number: 51202
Semester/Year: FALL 2020
Credit Hours: 3
Class Meeting Time/Location: 2ND 8 weeks (10/19/20-12/10/20) on M, T,W,R,F,S INTERNET ONLY.
Certification Date: 10/24/2020
Last Day to Withdraw: 11/25/2020

Course Prerequisites
Admittance to college.

Course Description
This course introduces the basic concepts of occupational health and safety as it relates to emergency service organizations. Topics include risk and hazard evaluation and control procedures for emergency service organizations.
Student Learning Outcomes

- Describe the history of occupational health and safety.
- Identify occupational health and safety programs for industry and emergency service today.
- Compare the difference between standards and regulations.
- List and describe the components of risk identification, risk evaluation, and incident management.
- Describe the relevance of safety in the workplace, including the importance of PPE.
- Apply the knowledge of an effective safety plan to pre-incident planning, response, and training activities.
- Explain the components of an accountability system in emergency service.
- Describe the need for and the process used for post-incidence analysis.
- Describe the components and value of critical incident management programs.
- Describe the components of a wellness/fitness plan.
- Identify and analyze the major causes involved in line of duty fire fighters deaths as related to health, wellness, fitness, and vehicle operations.

Texas Core Objectives

The College defines essential knowledge and skills that students need to develop during their college experience. These general education competencies parallel the Texas Core Objectives for Student Learning. In this course, the activities you engage in will give you the opportunity to practice two or more of the following core competencies:

1. **Critical Thinking Skills** - to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
2. **Communication Skills** - to include effective development, interpretation, and expression of ideas through written, oral, and visual communication
3. **Empirical and Quantitative Skills** - to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
4. **Teamwork** - to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal
5. **Personal Responsibility** - to include the ability to connect choices, actions, and consequences to ethical decision-making
6. **Social Responsibility** - to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

**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."

**Graded Work**
The tables below provide a summary of the graded work in this course and an explanation of how your final course grade will be calculated.

**GRADES: Weighted grade use:**

<table>
<thead>
<tr>
<th>Assignments</th>
<th>Points</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short Reports (1)</td>
<td>1 @ 50 points</td>
<td>50 points</td>
</tr>
<tr>
<td>Chapter Quizzes</td>
<td>13 @ 25 points each</td>
<td>325 points</td>
</tr>
<tr>
<td>Discussions/class participation</td>
<td>1 @ 100 points each</td>
<td>100 points</td>
</tr>
<tr>
<td>Team Special Project</td>
<td>1 @ 100 points each</td>
<td>100 points</td>
</tr>
</tbody>
</table>

**TOTAL: 575 points**

**Final Grade**

<table>
<thead>
<tr>
<th>Points</th>
<th>Percentages</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>517-575</td>
<td>90-100%</td>
<td>A</td>
</tr>
<tr>
<td>Points</td>
<td>Percentages</td>
<td>Letter Grade</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>--------------</td>
</tr>
<tr>
<td>460-516</td>
<td>80-89%</td>
<td>B</td>
</tr>
<tr>
<td>401-459</td>
<td>70-79%</td>
<td>C</td>
</tr>
<tr>
<td>345-400</td>
<td>60-69%</td>
<td>D</td>
</tr>
<tr>
<td>0-344</td>
<td>0-59%</td>
<td>F</td>
</tr>
</tbody>
</table>

Description of Graded Work

Short Reports: You will be given an assignment to do a short report (minimum 3 paragraphs) on a topic selected at the beginning of class. You will need to email the report and be prepared to present the info in class.

Quizzes: The chapter quizzes each have 18-25 multiple-choice questions you must answer within a 40-minute time-limit. You will be allowed two attempts at the quiz and your highest score will be counted towards your final course grade.

Final Project: The final project is for your team to research a specific topic given to you at the start of class.

Attendance and Your Final Grade

You will be expected to meet when we have a scheduled class meeting, be prepared to participate and discuss the chapter subject with your classmates.

Late Work Policy

All assignments will have a due date. All assignments turned in after two weeks late will be penalized 5-10 points.

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)
# Course Schedule

## Listing of Topics by Week

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Readings &amp; Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Orientation, Assignments</td>
<td>Chapter 1 &amp; 2</td>
</tr>
<tr>
<td>2</td>
<td>Risk and Safety Programs</td>
<td>Chapters 3 &amp; 4</td>
</tr>
<tr>
<td>3</td>
<td>Pre-Incident safety and Safety at Fires.</td>
<td>Chapters 5 &amp; 6</td>
</tr>
<tr>
<td>4</td>
<td>Safety at Medical and Specialized Incidents</td>
<td>Chapters 7 &amp; 8</td>
</tr>
<tr>
<td>5</td>
<td>Post Incident safety, and Personnel Safety</td>
<td>Chapters 9 &amp; 10</td>
</tr>
<tr>
<td>6</td>
<td>Safety Programs &amp; Information management</td>
<td>Chapters 11 &amp; 12</td>
</tr>
<tr>
<td>7</td>
<td>Special Topics in Emergency Services</td>
<td>Chapters 13</td>
</tr>
<tr>
<td>8</td>
<td>Final – Team project</td>
<td>Present Special assignments to classmates.</td>
</tr>
</tbody>
</table>

**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.