COURSE OBJECTIVES

To provide the student with an introduction to the basic principles of the 16 Firefighter Life Safety Initiatives and focusing on the need for cultural and behavioral change throughout the emergency services. Topics will include risk management, health and fitness standards, firefighter fatality, injury and near miss data and investigations, personal and organizational accountability and other topics. Students are required to read the text “Firefighter Safety and Survival”, by Don Zimmerman, Delmar Cengage, 2012.

STUDENT LEARNING OBJECTIVES

1. Analyze the need for enhancements of personal and organizational accountability for health and safety.
2. Examine how concepts of risk management affect strategic and tactical decision-making.
3. Evaluate circumstances that might constitute an unsafe act.
4. Validate the need for national training standards as they correlate to job performance and professional development.

Students needing accommodations should contact the instructor as soon as possible. As required by the Americans with Disabilities Act (ADA), accommodations are provided to insure equal opportunity for students with verified disabilities. If you need assistance with an accommodation, please contact Disabled Student Services, Room 810, (479-6379) or Learning Skills Program, Room 1073, (479-6220).

ATTENDANCE/PARTICIPATION: This course requires active participation each day of class so it is important for you to attend every class session, arrive on time, and come prepared. Your participation not only enhances your own learning, it benefits other students in the class, especially when the class is doing group work. Your level of participation is reflected in your grade and since you can’t participate if you are not in class, absences will also be reflected in your grade. Students deciding not to attend are responsible for completing drop procedures.

IMPORTANT DATES:

Semester Dates: January 27 – May 24
Holidays: Lincoln Holiday February 24, Presidents Holiday February 17; Spring Break March 31 – April 5; Memorial Day May 26
Last day to add or drop (with a refund) full term classes: February 8
Last day for students to withdraw without a “W” (full term course): February 9
Withdrawal deadline with a “W” (full term course): May 11
Deadline for pass/no pass option: March 1
Finals Week: May 19 - 24

GRADING SCHEDULE

Weekly Quizzes: 16 at 5 points each  80 points available
Weekly Discussions: 16 at 5 points each  80 points available
NIOSH LODD or Near Miss Report 40 points available
LSI Essay 40 points available
240 points total

Extra Credit is available for up to 20 additional points. See last page for details.

CABRILLO  FT6  PRINCIPLES OF EMERGENCY SERVICES SAFETY AND SURVIVAL
Instructor Craig Schwinge
### Distance Learning Schedule

<table>
<thead>
<tr>
<th>DATE</th>
<th>SESSION</th>
<th>TOPIC</th>
<th>ASSIGNMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week of 1/27</td>
<td>1</td>
<td>Defining a Cultural Change</td>
<td>Read Chapter 1, Discussion, Quiz</td>
</tr>
<tr>
<td>Week of 2/3</td>
<td>2</td>
<td>Enhancing Accountability</td>
<td>Read Chapter 2, Discussion, Quiz</td>
</tr>
<tr>
<td>Week of 2/10</td>
<td>3</td>
<td>Applying Risk Management</td>
<td>Read Chapter 3, Discussion, Quiz</td>
</tr>
<tr>
<td>Week of 2/17</td>
<td>4</td>
<td>Eliminating Unsafe Acts</td>
<td>Read Chapter 4, Discussion, Quiz</td>
</tr>
<tr>
<td>Week of 2/24</td>
<td>5</td>
<td>Implementing Training/Certification Standards</td>
<td>Read Chapter 5, Discussion, Quiz</td>
</tr>
<tr>
<td>Week of 3/3</td>
<td>6</td>
<td>Developing Medical and Fitness Standards</td>
<td>Read Chapter 6, Discussion, Quiz</td>
</tr>
<tr>
<td>Week of 3/10</td>
<td>7</td>
<td>Creating a Research Agenda</td>
<td>Read Chapter 7, Discussion, Quiz</td>
</tr>
<tr>
<td>Week of 3/17</td>
<td>8</td>
<td>Utilizing Available Technology</td>
<td>Read Chapter 8, Discussion, Quiz</td>
</tr>
<tr>
<td>Week of 3/24</td>
<td>9</td>
<td>Investigating Fatalities, Injuries and Near Misses</td>
<td>Read Chapter 9, Discussion, Quiz</td>
</tr>
<tr>
<td>Week of 3/31</td>
<td></td>
<td>SPRING BREAK</td>
<td></td>
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<tr>
<td>Week of 4/7</td>
<td>10</td>
<td>Blending Grants and Safety</td>
<td>Read Chapter 10, Discussion, Quiz</td>
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<tr>
<td>Week of 4/14</td>
<td>11</td>
<td>Establishing Response Standards</td>
<td>Read Chapter 11, Discussion, Quiz</td>
</tr>
<tr>
<td>Week of 4/21</td>
<td>12</td>
<td>Examining Response to Violent Incidents</td>
<td>Read Chapter 12, Discussion, Quiz</td>
</tr>
<tr>
<td>Week of 4/28</td>
<td>13</td>
<td>Providing Emotional Support</td>
<td>Read Chapter 13, Discussion, Quiz</td>
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<tr>
<td>Week of 5/5</td>
<td>14</td>
<td>Enabling Public Education</td>
<td>Read Chapter 14, Discussion, Quiz</td>
</tr>
<tr>
<td>Week of 5/12</td>
<td>15</td>
<td>Advocating Residential Fire Sprinklers</td>
<td>Read Chapter 15, Discussion, Quiz</td>
</tr>
<tr>
<td>Week of 5/19</td>
<td>16</td>
<td>Engineering Safety into Equipment</td>
<td>Read Chapter 16, Discussion, Quiz</td>
</tr>
</tbody>
</table>

### NIOSH LINE OF DUTY DEATH OR FIREFIGHTER NEAR MISS REPORT

Prepare a type-written three-page (minimum) report on a NIOSH Firefighter line of duty death ([www.cdc.gov/niosh/fire/](http://www.cdc.gov/niosh/fire/)) or a near miss incident ([www.firefighternearmiss.com/](http://www.firefighternearmiss.com/)). Include the details of the incident and the lessons learned/recommendations to prevent that event from occurring again.

**Due date:** March 3, 2014.

### PROJECT REPORT

Prepare a report on one of the Life Safety Initiatives. Written report is to be type-written and at least four (4) pages. Include elements of that LSI and why you think it may prevent a near miss, line of duty injury or death.

**Due date:** May 12, 2014.

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*CAPRILLO  FT6  PRINCIPLES OF EMERGENCY SERVICES SAFETY AND SURVIVAL*

Instructor Craig Schwinge
EXTRA CREDIT OPPORTUNITY:

Read and write a typed three-page (minimum) book report on one of the following:

- *Young Men and Fire* by Norman McLean
- *Report from Engine Company 82* by Dennis Smith
- *Report from Ground Zero* by Dennis Smith
- *Fire on the Mountain* by McLean
- *Working Fire* by Unger

Another fire service-related book selection with instructor’s approval

OR

Prepare a typed three-page (minimum) report on one of the following safety and survival topics:

- **Cancer** as it relates to the fire service. Provide statistics and recommendations from fire-service related sources.
- **The importance of mental/emotional health** as it relates to the fire service. Discussion to include critical incident stress management (CISM), substance abuse, suicide prevention and healthy stress management.
- **Discuss decision making** and the elements that provide safe and effective decision making in the fire service. Include recognition primed decision making, training based decision making and how good judgment, training and experience combine to make appropriate decisions at emergency scenes. Describe “error chains” and ways they may be reduced.
- **On September 11, 2001** the fire service experienced the unprecedented loss of 343 firefighters at the World Trade Center site in New York City. Read the NIST after action report (www.cdc.nist/worldtradecenter) and discuss the recommendations pertaining to firefighter safety and survival.
- **Responding to and from emergency incidents** has resulted in many LODDs. Provide statistics on this and discuss what efforts the fire service is taking in reducing vehicle related accidents. As a driver/operator/fire engineer, describe how you will ensure that you will get your crew safely to and from emergency incidents.
- **Stress and cardiac-related medical events** are the leading cause of death on the fire ground. Provide statistics and recommendations from fire-service related sources. Include a discussion on the importance of career-long fitness and what you will do to ensure you will have a long and health career.
- **Describe Firefighter Survival training programs** and the key components therein.

Useful websites and additional information:

http://www.everyonegoeshome.com/partners/fsculture_p1.html
http://www.fire.gov/FFTG/index.htm
http://www.cdc.gov/niosh/fire/
http://www.cdc.gov/niosh/docs/2009-100/
http://www.cdc.gov/niosh/fire/othpubs.html
http://www.cdc.gov/niosh/fire/quizinstr.html
http://www.fire.nist.gov/
http://www.everyonegoeshome.com/resources/
http://www.everyonegoeshome.com/media/
http://www.firesserviceslt.com/index.html
http://www.firefighternearmiss.com/

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http://www.firefighterclosecalls.com/home.php
http://www.usfa.dhs.gov/index.shtm
http://wtc.nist.gov/