1. **COURSE ID:** FIRE 748  
   **TITLE:** Firefighter Safety & Survival  
   **Units:** 3.0 units  
   **Hours/Semester:** 48.0-54.0 Lecture hours; and 96.0-108.0 Homework hours  
   **Method of Grading:** Letter Grade Only  
   **Recommended Preparation:** Eligibility for ENGL 100, or ENGL 105 and FIRE 715

2. **COURSE DESIGNATION:**  
   - Degree Credit  
   - Transfer credit: CSU

3. **COURSE DESCRIPTIONS:**  
   **Catalog Description:**  
   This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services.

4. **STUDENT LEARNING OUTCOME(S) (SLO'S):**  
   Upon successful completion of this course, a student will meet the following outcomes:
   1. Identify and explain the 16 life safety initiatives  
   2. Understand the concepts of risk management and mitigation as it pertains to emergency services

5. **SPECIFIC INSTRUCTIONAL OBJECTIVES:**  
   Upon successful completion of this course, a student will be able to:
   1. Define and describe the need for cultural and behavioral change within the emergency services relating to safety, incorporating leadership, supervision, accountability and personal responsibility  
   2. Explain the need for enhancements of personal and organizational accountability for health and safety  
   3. Define how the concepts of risk management affect strategic and tactical decision-making  
   4. Describe and evaluate circumstances that might constitute an unsafe act  
   5. Explain the concept of empowering all emergency services personnel to stop unsafe acts  
   6. Validate the need for national training standards as they correlate to professional development inclusive of qualifications, certification and re-certifications  
   7. Defend the need for annual medical evaluations and the establishment of physical fitness criteria for emergency services personnel throughout their careers  
   8. Explain the vital role of local departments in national research and data collection systems  
   9. Illustrate how technological advancements can produce higher levels of emergency services safety and survival  
   10. Explain the importance of investigating all near-misses, injuries and fatalities  
   11. Discuss how incorporating the lessons learned from investigations can support cultural change throughout the emergency services  
   12. Describe how obtaining grants can support safety and survival initiatives  
   13. Formulate an awareness of how adopting standardized policies for responding to emergency scenes can minimize near-misses, injuries and deaths  
   14. Explain how the increase in violent incidents impacts safety for emergency services personnel when responding to emergency scenes  
   15. Recognize the need for counseling and psychological support for emergency services personnel and their families, and identify access to local resources and services  
   16. Describe the importance of public education as a critical component of life safety programs  
   17. Discuss the importance of fire sprinklers and code enforcement  
   18. Explain the importance of safety in the design of apparatus and equipment

6. **COURSE CONTENT:**  
   **Lecture Content:**  
   1. Introduction  
      A. History of Fire Service Culture  
      B. Organizational Culture  
      C. Individual Role in Culture/Behavior  
      D. History of Line of Duty Deaths and Injuries Statistics
E. Defining the Nature of the Problem

2. The National Context, Health and Safety
   A. NFPA, OSHA
   B. Medical and Fitness Standards
   C. Data Collection (NFIRS)
   D. Research/Investigation (NIST, NIOSH)

3. Training, Equipment, Response
   A. Training, Certification, Credentialing
   B. Apparatus and Equipment
   C. Emergency Response – Response to Emergency Scenes
   D. Violent Incidents
   E. Emerging Technologies

4. Organizational Health and Safety Profile
   A. Personal and Organizational Accountability
   B. Present Condition/Culture
   C. Investigations – Internal
   D. Analyzing you Profile
   E. Utilizing Grants to Meet Needs

5. Risk Management
   A. Risk Management Concepts and Practices
   B. Unsafe Acts
   C. Empowerment Definition

6. Prevention
   A. Home Fire Sprinklers
   B. Code Enforcement
   C. Public Education/Fire and Life Safety
   D. Counseling and Psychological Support

7. REPRESENTATIVE METHODS OF INSTRUCTION:
   Typical methods of instruction may include:
   A. Lecture
   B. Activity
   C. Discussion

8. REPRESENTATIVE ASSIGNMENTS
   Representative assignments in this course may include, but are not limited to the following:
   Writing Assignments:
     Presentation topic description and outline
   Reading Assignments:
     Assigned reading for class session
   Other Outside Assignments:
     Preparation of oral presentation

9. REPRESENTATIVE METHODS OF EVALUATION
   Representative methods of evaluation may include:
   A. Oral Presentation
   B. Papers
   C. Quizzes
   D. Written examination

10. REPRESENTATIVE TEXT(S):
    Possible textbooks include:

    Origination Date: August 2016
    Curriculum Committee Approval Date: October 2016
    Effective Term: Fall 2017
    Course Originator: Michelle Schneider