

Bossier Parish Community College  
Master Syllabus

**Course Prefix and Number:** FRSC 230

**Credit hours:** 3

**Course Title:** Occupational Safety and Health for Emergency Services

**Course Prerequisites:** FRSC 100, FRSC 110, FRSC 120, FRSC 130, FRSC 140, FRSC I 50, or instructor approval

**Textbook:** Angle, J *Occupational Safety and Health in Emergency Services* 4 ed. Jones and Bartlett Learning.

**Software / Hardware:**

An electronic textbook is available with added learning resources available from the publisher of the text book. The student must have access to a computer with applicable hardware, software and internet access the online learning management system (Canvas)

**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.

**Learning Outcomes:**

At the end of the course, the student will be able to

- A. Demonstrate reading comprehension in order to understand the significance of occupational health and safety
- B. Describe and analyze the components of risk identification, risk evaluation, and incident management through effective computer literacy, and oral and written communication skills.

To achieve the learning outcomes, the student will be able to

1. Describe the history of occupational health and safety. (A)
2. Identify occupational health and safety programs for industry and emergency services today. (A)
3. Compare the difference between standards and regulations. (B)
4. List and describe the components of risk identification, risk evaluation, and incident management. (B)
5. Describe the relevance for safety in the work place, including the important of PPE. (A,B)
6. Apply the knowledge of an effective safety plan to pre-incident planning, response, and training activities. (A,B)

7. Explain the components of an accountability system in emergency service operations. (B)
8. Discuss the need for, and the process used for, post-incident analysis. (B)
9. Describe the components and value of critical incident management programs. (B)
10. Describe the responsibilities of individual responders, supervisors, Safety Officers, and Incident Commanders, safety program managers, safety committees, and fire department managers as they relate to health and safety programs. (B)
11. Describe the components of a wellness/fitness plan. (A)
12. Identify and analyze the major causes involved in line-of-duty firefighter deaths related to health, wellness, fitness, and vehicle operations. (B)

**Course Requirements:**

To earn a grade of “C” or higher the student must earn 70% of the total points for the course and meet all of the following course requirements.

1. The student must successfully complete the course with an average of 70% or above on the combined learning outcomes.
2. Each student is expected to attend classes regularly; excessive unexcused absences constitute grounds for suspension (refer to the student handbook for attendance policies).
3. Each student must have access to a reliable Internet connection to complete online discussion boards, course assignments, quizzes and tests.

**Course Grading Scale:**

90-100=	A
80-89=	B
70-79=	C
60-69=	D
0-59=	F

**Attendance Policy:**

The college attendance policy is available at <http://www.bpcc.edu/catalog/current/academicpolicies.html>

**Course Fees:**

This course is accompanied with an additional non-refundable fee for supplemental materials, laboratory supplies, software licenses, certification exams, and/or clinical fees

## **Non-Discrimination Statement**

Bossier Parish Community College does not discriminate on the basis of race, color, national origin, gender, age, religion, qualified disability, marital status, veteran's status, or sexual orientation in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of its operations. Bossier Parish Community College does not discriminate in its hiring or employment practices.

## **COORDINATOR FOR SECTION 504 AND ADA**

Angie Cao, Student and Disability Services Specialist  
Disability Services, F254, 6220 East Texas Street, Bossier City, LA 71111  
318-678-6511

[acao@bpcc.edu](mailto:acao@bpcc.edu)

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

## **Equity/Compliance Coordinator:**

Teri Bashara, Director of Human Resources

Human Resources Office, A-105

6220 East Texas Street

Bossier City, LA 71111

Phone: 318-678-6056

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

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