

Bossier Parish Community College  
Master Syllabus

**Course Prefix and Number:** ISAF 210

**Credits:** 3-3-0

**Course Title:** Industrial Safety and OSHA Standards

**Course Prerequisite:** None

**Textbook(s) (when applicable):** None. Course conducted through handout materials.

**Course Description:** A straightforward presentation of material which makes the theories and principles of industrial safety practical and useful in real-world settings is covered in this course. Special emphasis is placed on the innovation and technology in the workplace. Various safety tools and apparatus are examined and training is provided in their use. The complete text of the 30-hour (Occupational Safety & Health Act) OSHA Industrial Certification is presented and students are offered an option to complete the testing for the certification during the course.

**Learning Outcomes:**

At the end of the course, the student will:

- A. demonstrate familiarization with Rules and Regulatory requirements in the workplace.
- B. determine and be able to identify and measure required safety procedures based on work description.
- C. described the basic interpretation of the rules and regulations as applied to various work functions.
- D. knowledgeable in the procedures required for performing a specific job function, as per regulation, and be able to identify and correct any non-compliance work application from the safety perspective.
- E. demonstrate the ability to identify, inspect, and perform the proper use of the safety equipment.

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

(The letter designations at the end of each statement refer to the learning outcome(s).)

- 1. define terminology and understanding in the interpretation of the rules (A, B).
- 2. describe what rule and procedure are used based on a specific work function (B).
- 3. describe why the rules are in place as per safety concerns (D).
- 4. list the procedure based on the work function (C, D).
- 5. describe how control of safety is achieved in the workplace, by the use of various means and equipment (E).
- 6. identify the basic applications and procedure as related to the work function being performed (B, D).

**Course Requirements:** Complete all homework assignments, in-class equipment exercises, lecture tests, and final exams.

**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, certification exams and/or clinical fees.

**Nondiscrimination 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.

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