

Bossier Parish Community College
Master Syllabus

Course Prefix and Number: ISAF 209

Credit Hours: 3-3-0

Course Title: OSHA Regulations – 40 Hour HAZWOPER

Course Corequisite or Prerequisites: ISAF 109 or ISAF 111

Textbook(s): None. A Student Course Packet will be provided by the instructor, and the cost of the packet is included in the course fee.

Course Description: This course presents all of the requirements of OSHA's Hazardous Waste Operations and Emergency Response standard, 29 CFR 1910.120. It covers all of the requirements of the applicable regulatory agencies (OSHA, EPA, and DOT) to ensure awareness and promote safety among employees who may be exposed to chemical hazards in the work site. The objective is to ensure that employees operate in the safest possible manner in situations where contact with potentially hazardous materials is likely. The OSHA 40Hr. Hazwoper certification will be available upon completion of the course and certification exam.

Learning Outcomes:

At the end of this course the will:

- A. implement the regulatory requirements of the HAZWOPER standard and participate in discussions of the implications of these requirements;
- B. discuss the basic principles of the safety concepts involved with protecting employees during a response to an emergency situation involving the release of hazardous chemicals;
- C. plan and execute an emergency response action to adequately protect not only the responding employees, but the general public and the environment as well;
- D. demonstrate proficiency in the use of the equipment to successfully respond to an emergency response action of the release of a hazardous chemical; and
- E. complete the planning and execution of a table-top exercise drill to determine the appropriate response actions in a given situation of an emergency involving a chemical release incident and the follow-up response actions.

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. participate in discussions of the regulations applicable to the emergency response actions of hazardous materials releases. Review the contents of those regulations and understand applicability;
2. review basics of common safety practices applicable to HAZWOPER response activities. Discuss and interact with other students to demonstrate competency and retention;
3. participate in hands-on familiarization with appropriate personal protective equipment and instrumentation to achieve exposure prevention, minimization, and control;

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4. review response activities and practice developing a site work plan and a site safety plan to ensure worker protection against hazardous materials;
5. look at some hazardous situations that may pose unique concerns that must be addressed in a hazardous materials release and learn how to approach and address to ensure worker safety;
6. review pre-planning activities for addressing decontamination of personnel and response equipment to prevent exposures outside the release area of a hazardous materials release situation;
7. review and understand federal, state, and local response regulations and requirements to ensure proper notifications and follow-up activities are performed; and
8. practice developing a response plan to a simulated situation and review to assess completeness and effectiveness.

Course Requirements: Textbook, OSHA regulations, 29 CFR 1910.

Course Grading Scale:

90% to 100%	= A
80% to < 90%	= B
70% to < 80%	= C
60% to < 70%	= D
< 60%	= 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.

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.

COORDINATOR FOR SECTION 504 AND ADA

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