

FIP 164
OSHA Standards

COURSE DESCRIPTION:

This course covers public and private sector OSHA work site requirements. Emphasis is placed on accident prevention and reporting, personal safety, machine operation, and hazardous material handling. Upon completion, students should be able to analyze and interpret specific OSHA regulations and write workplace policies designed to achieve compliance. Course Hours Per Week: Class, 3. Semester Hours Credit, 3.

COURSE OBJECTIVES:

Upon completion of this course, the student will be able to:

- a. Describe the role of federal and state agencies in the Occupational Safety and Health Act.
- b. Determine applicable OSHA regulations for particular hazards.
- c. Understand OSHA record-keeping and reporting of occupational injuries and illnesses.
- d. Describe a hazard assessment required for the selection of personal protective equipment.
- e. Develop a written program for entry into permit-required confined spaces.
- f. Recognize common fire hazards.
- g. Develop and implement a written hazard communication program for exposure to hazardous materials

OUTLINE OF INSTRUCTION:

- I. Introduction to OSHA
 - A. OSHA Act
 - B. Federal Plans
 - C. State Plans
 - D. Standards
 - E. Inspections
 - F. Right and responsibilities of employer and employee
- II. Code of Federal Regulations
 - A. Rulemaking process
 - B. The Federal Register
 - C. Code of Federal Regulation numbering system
- III. Hazard Communications
 - A. Hazard Communications standard
 - B. Scope and application
 - C. Hazard evaluation

- D. Written program
 - E. Material Safety Data Sheets
 - F. Employee information and training
 - G. Guidelines for compliance
- IV. Bloodborne Pathogens Standard
- A. Scope and definitions
 - B. Exposure control plan
 - C. Methods of compliance
 - D. Hepatitis B vaccination
 - E. Hazard communication
 - F. Recordkeeping
- V. Process Safety Management of Highly Hazardous Materials
- A. Background: catastrophic chemical release
 - B. Application
 - C. Written program
 - D. Process hazard analysis

REQUIRED TEXTBOOKS AND MATERIALS:

NC Department of Labor. *North Carolina Occupational Safety and Health Standards for the General Industry*. (NC Department of Labor, Division of Occupational Safety and Health, current edition – or any edition of 29 CFR 1910)

STATEMENT FOR STUDENTS WITH DISABILITIES:

Students who require academic accommodations due to any physical, psychological, or learning disability are encouraged to request assistance from a disability services counselor within the first two weeks of class. Likewise, students who potentially require emergency medical attention due to any chronic health condition are encouraged to disclose this information to a disability services counselor within the first two weeks of class. Counselors can be contacted by calling 686-3652 or by visiting the Student Development Office in the Phail Wynn Jr. Student Services Center, room 1309.