

OCCUPA HEALTH/SAFETY (OSHT)

OSHT 1307 Construction Site Safety and Health 3 Credits (3 Lec, 0 Lab)

This course provides an introduction to safety requirements for construction sites including occupational health and environmental controls.

Prerequisite(s): Reading level 6, Writing level 6, Math level 6

Course Type: Technical

OSHT 1309 Physical Hazards Control 3 Credits (3 Lec, 0 Lab)

This course provides a study of the physical hazards in industry and methods of workplace design and redesign to control these hazards. Emphasis is on the regulation codes and standards associated with the control of physical hazards.

Prerequisite(s): Reading level 6, Writing level 6, Math level 6

Course Type: Technical

OSHT 1313 Accident Prevention, Inspection and Investigation 3 Credits (3 Lec, 0 Lab)

This course provides a basis for understanding the nature of occupational hazard recognition, accident prevention, loss reduction, inspection techniques, and accident investigation analysis.

Prerequisite(s): Reading level 6, Writing level 6, Math level 6

Course Type: Technical

OSHT 1320 Energy Industrial Safety 3 Credits (3 Lec, 0 Lab)

This course is an overview for industrial workers of state/federal regulations and guidelines which require industrial safety training. Topics include the 29 CFR 1910, 1926, and National Fire Protection Association (NFPA) 70E standards such as confined space entry, emergency action, lock out/tag out, arc flash, and other work related subjects.

Prerequisite(s): Reading level 6, Writing level 6, Math level 6

Course Type: Technical

OSHT 1321 Fire Protection Systems 3 Credits (3 Lec, 0 Lab)

This course provides a study of fire protection systems and their applications with emphasis on the fire prevention codes and standards.

Prerequisite(s): Reading level 6, Writing level 6, Math level 6

Course Type: Technical

OSHT 2305 Ergonomics and Human Factors in Safety 3 Credits (3 Lec, 0 Lab)

This course provides a study of the relationship of human behavior and ergonomics as applied to workplace safety.

Prerequisite(s): MATH 1314, Reading level 6, Writing level 6

Course Type: Technical

OSHT 2309 Safety Program Management 3 Credits (3 Lec, 0 Lab)

This course examines the major safety management issues that effect the workplace including safety awareness, loss control, regulatory issues, and human behavior modifications.

Prerequisite(s): Reading level 6, Writing level 6, Math level 6

Course Type: Technical

OSHT 2320 Safety Training Presentation Techniques 3 Credits (3 Lec, 0 Lab)

This course covers principles of developing and presenting effective industrial/business training. Emphasis is on instructor qualifications and responsibilities, principles of teaching including use of teaching aids, and presentation skills.

Prerequisite(s): Reading level 6, Writing level 6, Math level 6

Course Type: Technical

OSHT 2380 Cooperative Education-Occupational Safety and Health Technology 3 Credits (1 Lec, 14 Lab)

Career related activities encountered in the student's area of specialization are offered through a cooperative agreement between the College, employer, and student. Under supervision of the College and employer, the student combines classroom learning with work experience. Directly related to a technical discipline, specific learning objectives guide the student through the work experience.

Prerequisite(s): Department Chair approval

Course Type: Technical

OSHT 2401 OSHA Regulations-General Industry 4 Credits (4 Lec, 0 Lab)

This course provides a study of Occupational Safety and Health Administration (OSHA) regulations pertinent to general industry.

Prerequisite(s): Reading level 6, Writing level 6, Math level 6

Course Type: Technical