

COURSE SYLLABUS

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| LAST REVIEW | Fall 2022 |
| COURSE TITLE | OSHA 10 |
| COURSE NUMBER | ACRT 0101 |
| DIVISION | Career and Technical Education |
| DEPARTMENT | ACRT |
| CIP CODE | 47.0603 |
| CREDIT HOURS | 1 |
| CONTACT HOURS/WEEK | Class: 1 Lab: X Clinical: X |
| PREREQUISITES | ACRT 0100 – Safety & Orientation |
| COREQUISITES | None |
| COURSE PLACEMENT | None |

COURSE DESCRIPTION

Through a variety of classroom and/or lab learning and assessment activities, students in this course will: explain job/site safety and precautions for job/site hazards; determine the uses of personal protective equipment (PPE); identify the safety equipment and procedures related to safe work practices and environment; identify fire prevention and protection techniques; and explore Hazardous Communications (HazCom) including Material Safety Data Sheets (MSDS).

PROGRAM ALIGNMENT

This course is part of a program aligned through the Kansas Board of Regents and Technical Education Authority. For more information, please visit:

https://kansasregents.org/workforce_development/program-alignment

PROGRAM LEARNING OUTCOMES

1. Demonstrate adherence to safety and pollution prevention standards according to OSHA and EPA regulations.
2. Demonstrate the ability to communicate effectively in workplace scenarios with an appropriate level of preparedness for daily tasks and assignments.
3. Demonstrate the ability to execute panel preparation, application of refinishing materials, and removal of paint defects.

TEXTBOOKS

<http://kckccb bookstore.com/>

METHOD OF INSTRUCTION

A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations,

projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE

- I. Introduction to OSHA - Two Hours
 - A. OSHA Act, General Duty Clause, Employer and Employee Rights and Responsibilities, Whistleblower Rights, Recordkeeping basics
 - B. Inspections, Citations and Penalties
 - C. General Safety and Health Provisions, competent Person, Subpart C
 - D. Value of Safety and Health
 - E. OSHA Website, OSHA 800 number and available resources
- II. OSH Act Subparts
 - A. Walking and Working Surfaces – including fall protection, Subpart D – One Hour
 - B. Exit Routes, Emergency Action Plans, Fire Prevention Plans, and Fire Protection, Subparts E & L – Two Hours
 - C. Electrical, Subpart S - Two Hours
 - D. Personal Protective Equipment (PPE), Subpart I - One Hour
 - E. Materials Handling, Subpart N - Two Hours
 - F. Hazard Communication, Subpart Z - One Hour
 - G. Hazardous Material (Flammable and Combustible Liquids, Spray Finishing, Compressed Gases, Dipping and Coating Operations), Subpart H
 - H. Permit-Required Confined Spaces, Subpart J
 - I. Welding, Cutting, and Brazing, Subpart Q
 - J. Introduction to Industrial Hygiene, Subpart Z
 - K. Bloodborne Pathogens, Subpart Z
 - L. Ergonomics
 - M. Fall Protection
 - N. Safety and Health Programs
 - O. Powered Industrial Vehicles

COURSE LEARNING OUTCOMES

Upon successful completion of this course, the student will:

- A. Explain job/site safety and precautions for job/site hazards.
- B. Conduct job site analysis.
- C. Identify tasks of the job to be performed.
- D. List possible hazards related to the task.
- E. List precautions that need to be taken to safely perform tasks
- F. Determine the uses of personal protective equipment (PPE).
- G. Describe the type of equipment.
- H. Describe the purpose of the equipment.

ASSESSMENT OF COURSE LEARNING OUTCOMES

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

COLLEGE POLICIES AND PROCEDURES

Student Handbook

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

College Catalog

<https://www.kckcc.edu/academics/catalog/index.html>

College Policies and Statements

<https://www.kckcc.edu/about/policies-statements/index.html>

Accessibility and Accommodations

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>.