

## COURSE SYLLABUS

<b>LAST REVIEW</b>	Fall 2022
<b>COURSE TITLE</b>	OSHA 30
<b>COURSE NUMBER</b>	BEMT 0101
<b>DIVISION</b>	Career and Technical Education
<b>DEPARTMENT</b>	BEMT
<b>CIP CODE</b>	46.0401
<b>CREDIT HOURS</b>	1
<b>CONTACT HOURS/WEEK</b>	Class: 1
<b>PREREQUISITES</b>	None

### COURSE DESCRIPTION

This course is an intensive and purposefully hands-on type, that will require the student to use many power, pneumatic, and hand tools. The student will be fully instructed on safety methods while using all tools. This course will also cover several hand tools that are required in most trades, and the professional methods used in today's field environment.

### PROGRAM LEARNING OUTCOMES

1. Students will demonstrate an adherence to safety standards and proficiency in the skills necessary for carpentry basics, and both the construction of new or evaluation/repair of existing framing structures, floors, walls, dry wall, painting, windows, doors, stairs, wood joints, and moldings.

### TEXTBOOKS

<http://kckccbookstore.com/>

### METHODS 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. Focus Fours
  - A. Falls in Construction
  - B. Electrocutation
  - C. Caught in/Between
  - D. Struck by

II. Intro to OSHA

III. Electives

- A. Excavations
- B. Stairways and Ladders
- C. Scaffolds
- D. Hand and Power Tools
- E. Managing safety and health
- F. Personal Protective Equipment

**COURSE LEARNING OUTCOMES AND COMPETENCIES**

Upon successful completion of this course, the student will:

- A. Demonstrate knowledge on OSHA regulations.
  - 1. Know OSHA history and formation.
  - 2. Know OSHA penalties and citations process.
  - 3. Know OSHA order of inspection.
  - 4. Know employer/employee responsibilities.
  - 5. Know how to look up OSHA subparts.
- B. Demonstrate knowledge on OSHA focus fours.
  - 6. Know safety on OSHA fall protection.
  - 7. Know safety on OSHA electrical protection.
  - 8. Know safety on OSHA caught in/between protection.
  - 9. Know safety on OSHA struck by protection.
- C. Demonstrate knowledge on excavation safety.
  - 10. Learn the five rules of excavation safety.
  - 11. Learn means of protecting a trench excavation.
  - 12. Learn safety parameters of trench excavation.
- D. Demonstrate knowledge on stairways and ladder safety.
  - 13. Learn safety and regulations of stairways.
  - 14. Learn safety and regulations of ladders.
- E. Demonstrate knowledge on scaffold safety.
  - 15. Learn safety and regulations of scaffolds.
- F. Demonstrate knowledge on hand and power tool safety.
  - 16. Learn safety regulations on several hand tools.
  - 17. Learn safety regulations on several power tools.
- G. Demonstrate knowledge on managing safety and health.
  - 18. Learn how to regulate construction site safety and health.

H. Demonstrate knowledge on personal protective equipment.

19. Learn safety regulations of eye protection.

20. Learn safety regulations of head protection.

21. Learn safety regulations of hand and foot protection.

22. Learn several required types of construction site PPE.

### **ASSESSMENT OF COURSE LEARNING OUTCOMES AND COMPETENCIES**

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>.