

COURSE SYLLABUS

LAST REVIEW	Fall 2022
COURSE TITLE	Intermediate Welding Techniques
COURSE NUMBER	WELD 0202
DIVISION	Career and Technical Education
DEPARTMENT	WELD
CIP CODE	48.0508
CREDIT HOURS	1
CONTACT HOURS/WEEK	Class: Lab: 2
PREREQUISITES	WELD 0100

COURSE DESCRIPTION

Through a variety of classroom and/or shop/lab learning and assessment activities, the students in this course will: develop skills in areas that have been difficult to them. If students have no trouble areas, they will use this class to explore the basics of advanced classes they may have an interest in to help decide on welding electives.

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. Students will be able to explain job/site and precautions for job site hazards and will be able to determine the use of Personal Protective equipment (PPE) as well as be able to identify the safety equipment and procedures related to safe work practices and environment
2. Student will be able to demonstrate the use of good communication skills including listening, following directions, speaking, and using correct grammar in conducting a job search.
3. Student will be able to create fillet and groove welds in flat and horizontal positions and identify common visual discontinuities and defects on welds and determine causes of discontinuities and defects of welds.

TEXTBOOKS

<http://kckccbookstore.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. Define goals for class -or- Define areas of interest for electives
- II. Decide on several assignments (4-8 labs) that will help develop needed skill -or- decide where skills lie
- III. Complete lab assignments
- IV. Identify improvements in skill obtained from course -or- decide on electives for program

COURSE LEARNING OUTCOMES AND COMPETENCIES

Upon successful completion of this course, the student will:

- A. Identify welding skills that they are interested in pursuing/improving
 1. Identify one or more welding processes that they want to work on.
 2. Identify one or more positions they want to work on.
 3. Design four to eight welding assignments that will enable them to advance the above skills
- B. Improve/pursue welding skill of interest
 4. Identify discontinuities to improve/pros and cons of chosen assignments.
 5. List improvements made on chosen projects/ electives to enroll in

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>.