



South Central College

WELD 1085 Welding Capstone

Course Outcome Summary

Course Information

Description	This course is an opportunity to put welding skills to work. The Capstone will build on what was learned in the certificate program. Students keep current with welding skill through designing a project and welding the final project. The Welding Capstone may also include an internship. A learning contract will be developed between the student, college, and worksite to identify the types of specific skills covered through this experiential learning opportunity. Students will gain industry workplace experience while practicing the knowledge and skills learned in class. (Prerequisite: Instructor permission required)
Total Credits	2
Total Hours	96

Types of Instruction

Instruction Type	Credits/Hours
Internship	2/96

Pre/Corequisites

Instructor permission required

Institutional Core Competencies

Communication - Students will be able to demonstrate appropriate and effective interactions with others to achieve their personal, academic, and professional objectives.

Critical and Creative Thinking - Students will be able to demonstrate purposeful thinking with the goal of using a creative process for developing and building upon ideas and/or the goal of using a critical process for the analyzing and evaluating of ideas.

Course Competencies

1. Demonstrate shop safety standards.

Learning Objectives

Identify shop safety issues.

Follow all work site safety procedures.

Wear protective welding helmet, gloves, and other necessary safety gear.

2. Inspect parts for quality.

Learning Objectives

Apply quality practices.
Use key measurement terms.
Adhere to company inspection standards and procedures.

3. Operate welding equipment to produce products.

Learning Objectives

Identify operating procedures for all equipment before using
Demonstrate proper machine/equipment/material use.

4. Develop a Welding Capstone project to complete.

Learning Objectives

Obtain approval from instructor of Capstone project.
Complete hours necessary for Welding Capstone.

5. Complete internship paperwork as applicable (if identified as Welding Capstone project).

Learning Objectives

Complete and sign internship paperwork.
List daily work experiences.
Complete and mail weekly forms.

6. Demonstrate good work habits.

Learning Objectives

Demonstrate a positive attitude while working on the Capstone project.
Respect the property of the customer, employer and college.
Accept responsibility, be honest, and on time for work.
Clean up after completion of each day.

7. Present the final Welding Capstone project.

Learning Objectives

Summarize what took place during your Welding Capstone project.
List some improvements that could be made to the Welding Capstone project.
Identify what can be done here at SCC to improve the Welding Capstone project..

SCC Accessibility Statement

South Central College strives to make all learning experiences as accessible as possible. If you have a disability and need accommodations for access to this class, contact the Academic Support Center to request and discuss accommodations. North Mankato: Room B-132, (507) 389-7222; Faribault: Room A-116, (507) 332-7222.

Additional information and forms can be found at: www.southcentral.edu/disability

This material can be made available in alternative formats by contacting the Academic Support Center at 507-389-7222.