



South Central College

## WELD 1200 Tools used in Fabrication

### Common Course Outline

#### Course Information

<b>Description</b>	Students will learn how to use the measuring and hand tools required for fabrication process. Safety aspects of the tools will be discussed and shown. (Prerequisite: Must be enrolled in Welding Fabrication Certificate or instructor approval.)
<b>Total Credits</b>	1
<b>Total Hours</b>	16

#### Types of Instruction

Instruction Type	Credits/Hours
Lecture	1/16

#### Pre/Corequisites

Must be enrolled in Welding Fabrication Certificate or instructor approval.

#### Institutional Core Competencies

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

#### Course Competencies

**1. Demonstrate proper safe handling of all tools used in the fabrication process.**

**Learning Objectives**

Explain how to use the tool and any safety concerns related to using the tool.  
Demonstrate the proper PPE that should be used when using the hand tool.

**2. Demonstrate how to use each tool while fabricating parts.**

**Learning Objectives**

Demonstrate how to use and hold the tool(s) correctly.  
Demonstrate how to read measuring tools to obtain the the correct measurement and angle.

**3. Explain the correct name and use of each of the tools used in the fabrication.**

**Learning Objectives**

Explain what the tool maybe called in production verses the actual name.  
Explain how the fabrication tools is used in the fabrication process.

#### 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 C-112, (507) 389-7222; Faribault: Room A-116, (507) 332-5847.

Additional information and forms can be found at: [www.southcentral.edu/disability](http://www.southcentral.edu/disability)

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