



South Central College

WELD 1005 Blueprint Reading

Common Course Outline

Course Information

Description	This course provides an understanding of blueprints used within welding technology settings. Skills for reading, understanding, and interpreting welding symbols will be developed. (Prerequisites: None)
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Total Credits	1
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Total Hours	16
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Types of Instruction

Instruction Type

Lecture

Credits/Hours

1 / 16

Pre/Corequisites

None

Course Outcomes

1. Recognize different types of drawings.

Learning Objectives

Differentiate between various types of shop or machine drawings.
Choose the appropriate drawing to gain the information required to perform the weld.

2. Define various types of lines on a blueprint.

Learning Objectives

Demonstrate mastery of the alphabet of lines.
Identify different types of lines and their use.

3. Identify weld symbols on prints.

Learning Objectives

Locate weld symbols on drawings and prints.
Interpret welding symbols.

4. Identify welded joints and their symbols.

Learning Objectives

Describe weld joints and their symbols.
Identify the joint penetration, root opening, and face.

5. Interpret three view drawings.

Learning Objectives

Create drawings and blueprints.

Practice reading three-view drawing.

SCC Accessibility Statement

Disability Services provides accommodations and other supports to students with permanent and temporary disabilities that affect their SCC experience. Disabilities may include mental health (anxiety, depression, PTSD), ADHD, learning disabilities, chronic health conditions (migraine, fibromyalgia), sensory disabilities, and temporary disabilities (broken arm, surgery). Common accommodations are extended test time, private room for testing, audiobooks, and sign language interpreter.

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