

South Central College  
Common Course Outline - Page 1 of 2  
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### **Learning Objectives**

Explain how to adjust the bender depending on the material thickness that is being bent.  
Explain how to install the material and operate the bending equipment.

#### **4. Demonstrate how to figure out correct angles while bending the material.**

### **Learning Objectives**

Demonstrate how to bend various thicknesses of metal to a specific degree or radius.  
Demonstrate how to use a protractor and other measuring tools to obtain the correct measurements.

#### **5. Demonstrate how to fix material that has been formed to the wrong specifications.**

### **Learning Objectives**

Explain if the object being formed is repairable or will have to be scrapped because the specific radius was not achieved.

Demonstrate how a repair would be made to obtain the specific bend radius.

#### **6. Build a final project(s) that will be formed and welded by following a blueprint that has been drawn.**

### **Learning Objectives**

Assemble a final project from reading a blueprint that may be drawn in class or obtained from a company.

Demonstrate how to measure the project to ensure it matches what the measurements are on the blueprint.

Build the project using the proper welding process and visual standards acceptance used in accordance to the D1.1 visual acceptance criteria.

### **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)

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