

# Hamilton-Senior lab-off-site learning packet day 9

Instructor Mark Hamilton

Date \_\_\_\_\_

Program/Class AEM SR

**Instructional Objective(s):**

**Materials:**

White board

**Method of Instruction:**

Research

**Activities:**

Read through handouts, watch videos and do activities

Answer the questions provided

**Closure:**

Answer questions on the last page

**Assessment:**

Answer sheets will be collected and graded.

Objectives:

1. Sample program using G41 cutter comp left.

The sample program will cut a 4" X 4" square using cutter comp left.

Using the print as an example try to write a similar program using cutter comp to program the part from the print below. Use a 1" cutter and start a safe distance from the part.

Use the program sheet

- G54
- M06 T01
- G00 X-1.0 Y-1.0
- M03 S2000
- G43 H01 Z.1 M08
- G01 Z-.150 F12.0
- G01 G41 D01 X0.
- Y4.0
- X4.0
- Y0.
- X-1.0
- G40 Y-1.0
- G00 G28 Z3.0
- G28 Y0.
- M30



