

Hamilton-Juniors lab-off-site learning packet day 9

Instructor Mark Hamilton Date _____

Program/Class AEM JR

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 is worth ____ points

Junior lesson

Name _____

Introduction to CNC code

Follow the link below and watch the video on (what is G-code).

After watching the video answer the questions below.

Hold down the Ctrl button and click on the link below to bring up the video.

https://www.youtube.com/watch?v=iMx_UYrvuos

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Questions: (Each question is worth 5 points)

1. What is the language we use to communicate with CNC machines called?
2. What are the codes that begin with the letter G?
3. What are some of the tasks that a G code will tell the machine to do?
4. What do M codes typically do on a CNC machine?
5. What is an example of what an M code would do?
6. What do DHT codes deal with?
7. What letters control the feeds and speeds of the CNC machine?
8. How many G codes can you select from each group?
9. What is the G81 code used for in the video?
10. What page displayed all the codes used in the program he ran in the video?