REC 1.1: Guided Notes Name:

1. Definitions
   1. Robot
   2. Multifunctional
   3. Re-programmable
   4. Robotics
   5. electrode
2. What is spot welding?
3. What is arc welding?
4. What is CIM?
5. Discuss advantages of using robots when machine loading.
6. Discuss advantages of using robots when spray finishing.
7. Discuss advantages of using robots during Assembly and Inspection.
8. List advantages of robots in Hazardous Environments.
9. Discuss advantages or uses of commercial robots.
10. What are the 6 major components of a robot? Define each.
11. What is a teach pendant?
12. What is a dead man’s switch?
13. Discuss how radio controlled robots work.
14. What is the backbone of a robot?
15. What is the manipulator?
16. Sensors are a form of \_\_\_\_\_\_\_\_\_. List a few uses of sensors in robotics.
17. What are outputs? What is the robotic arm doing the picture?