



# Attention Questions



## Lesson 4: Manufacturing Technologies

Video Segments: Robotics and Automation, Computer Numerical Controls, and welding

**INSTRUCTIONS:** Answer the questions below by filling in the blanks, or circling the correct answer, while you watch the video segment(s). These answers are provided during the video so pay attention and answer the questions as the video plays.

1. Modern automated manufacturing uses a combination of \_\_\_\_\_, hydraulic, pneumatic, and electrical components.

2. Robotics limits the requirement for \_\_\_\_\_ labor.

3. CNC stands for Computer Numerical \_\_\_\_\_.

4. The common use of robotics and CNC machining is mostly due to modern access to powerful \_\_\_\_\_.

5. Welding is a high-powered fabrication process used for \_\_\_\_\_ various materials.

6. \_\_\_\_\_ welding is being used to increase efficiency, precision, and accuracy as well as enhance production and plant safety.

