

Robotics Notes

Requirements:

Proper eye protection must be worn—operate only with instructor's permission and after proper instructions have been received.

1. Operate only with instructor's permission and after you have received instruction.
2. Remove jewelry, eliminate loose clothing, and confine long hair.
3. Make sure all guards are in place and operating correctly.
4. Always use proper eye protection.
5. When in the teach mode, use slow movements to jog the arm from point to point.
6. Be sure the emergency stop button is functioning properly by testing it early in the teach cycle.
7. Care should be taken that the operator's fingers and other body parts are kept out of the work envelope.
8. The operator must understand the program of robot actions and motions prior to the use of the robot.

Robotics Written Test

Use the correct heading and write the answer on your own paper. Using the BEST answer to complete the following:

1. Move the robot arm (**Slowly** **Quickly**) from point to point when in the teach mode.
2. The operator (**Does not** **Does**) need to understand the program of robot actions and motions prior to use of the robot.
3. Eye protection (**Is not** **Is**) required when operating robots in the technology lab.
4. The operator must stay (**Clear of** **Within**) the work envelope when the robot is executing the program.

List five SAFETY procedures you should do before you operate this machine:

5. _____
6. _____
7. _____
8. _____
9. _____

Robotics Written Test Key

1. Slowly
2. Does
3. Is
4. Clear of

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Robotics Parts

