

Controller

components used to input data from the environment for processing.

**Manipulator**

to process inputs and produce outputs to control the actions of the manipulator and end effector.

Sensors

is the arm that can typically move in a range of directions using actuators.

**Effectors**

is the tool on a robots arm. Like the manipulator are moved using actuators.

**Human interface**

are special grippers to work with a specific type of object.

**Power supply**

is used to program the robot or control it manually. Some types of human interfaces include media ports to input pre-programmed instructions, computer based control applications and control panels with push buttons.

