The selection of hardware consists of selecting:

• A specific device to serve as the plant with respect to the designated control problem.

[MinSeg two-wheeled robot.]

• A specific device to serve as the controller with respect to the designated control problem.

 $[Arduino\ Mega 2560\ single-board\ microcontroller,\ included\ with\ MinSeg\ two-wheeled\ robot.]$ 

• A specific computer to be used to interface with the controller.

 $[Available\ laptop\ installed\ with\ Mathworks\ Software\ Suite\ and\ supporting\ software.]$