

91.451, Robotics II  
Spring 2004  
Prof. Yanco

## Lab 1

Out: Thursday, 5 February 2004

Due: Thursday, 12 February 2004

***Read before class on 2/10:***

Review Chapters 2, 4 and 7 in Murphy. (I'm assuming that you already read these in Robotics I.) For the very quick summary of these three chapters, read p. 5 – 11.

***Overview:*** In this lab, you'll learn to use the Pyro system with a simulated robot. Next week, you'll start to program the Pioneer robots.

***In lab today:*** On the course web site (<http://www.cs.uml.edu/~holly/91.451>), you'll find links to two Pyro Modules: the Pyro introduction and an introduction to Python. Follow the Pyro introduction through to learn how to use Pyro. This week, we'll only be trying the simulators (Aria sim and Player/Stage).

There is nothing to turn in for this assignment. Be sure to complete all of the suggested exercises and understand how to use Pyro. Next week we'll start writing brains and you'll be expected to understand the system. If you haven't learned how to use Pyro, you will have a tough time in lab next week.

***Before you leave lab today:*** Make sure that I have your id number so I can get the door activated for your id.