

# ECE/CS 541

## Setting Up Your Programming Environment

September 27, 2016

### 1 Download and Install Anaconda

Use the following instructions to download and install Anaconda on your machines:

<https://docs.continuum.io/anaconda/install>

### 2 Get the ECE/CS 541 environment from the Anaconda Cloud

After having installed Anaconda use a terminal to follow the steps to get the ECE/CS 541 programming environment.

1. *conda env create kartikpalani/ece541*
2. *source activate ece541*

This should set up and activate the Python programming environment we need for the class. You can toggle back and forth between your personal Python installation and this environment. You can activate the environment using step 2 from above. In order to leave the environment use:

*source deactivate*

For now, the main packages we are using are:

1. Simpy - A discrete event simulator in Python
2. discreteMarkovChain