MATLAB Boot Camp

MATLAB is a very powerful tool for scientific computing. You may need to use it to solve problems in your courses offered at Harvard, and you will likely find this tool useful in your future life as well. You are invited to attend the MATLAB Boot Camp (evenings 9/2, 9/7, 9/9, 9/13) to learn basic programming in MATLAB. This boot camp does not suppose any prior experience with MATLAB or computation.

Please go to the website (needs HarvardKey): https://wiki.harvard.edu/confluence/display/fasmatlab

Prior to the first session (Friday Sept. 2), do the following three things according to the instructions on the website:

1) Register for the course via Google Form
2) Install MATLAB on your computer
3) Work through the MATLAB Onramp interactive tutorials (Ch 1-10)

You should schedule approximately **three hours** for this.

Boot Camp Time: Lessons 1-3 (Sept. 2, 7, 9) will have two identical sessions from 5 – 7 pm and from 8 – 10 pm. Lesson 4 (tentatively Sept. 13) will have only one session from 6 – 8 pm. Repeated sessions are to accommodate students' schedules. You can attend either the earlier or later session on each day.

Boot Camp Location: Science Center (room number will be announced to registered students via an email prior to the first class).

Questions: contact Dr. Nicholas Colella colella@g.harvard.edu

Course schedule

Date	Main Topics	Pre-Class Activities
Fri. Sept. 2	Variables Vectors, Matrices Statistics, Basic Plotting	Register Install MATLAB Work through the MATLAB Onramp tutorials (Ch 1-10)
Weds. Sept. 7	Scripts Flow Control Data I/O	Work through the MATLAB Onramp tutorials (Ch 11-14)
Fri. Sept. 9	Functions Fitting	MATLAB exercise
Tues. Sept. 13	Image processing	MATLAB exercise