

Running MATLAB on PCs (BRB 4th Floor Lab)

Dynamic Optimization Lab

Login Review:

- (1) Press <Ctrl>+<Alt>+ to bring up login prompt
- (2) Type in your UT EID and password
- (3) Select 'Austin' as the network (if the option appears)

Quick review on how to download files needed for the lab

- (1) Open a browser such as **Internet Explorer** or **Mozilla Firefox**.
- (2) Go to the class website at <http://laits.utexas.edu/compeco/Courses/index392.html>
- (3) Find the lab of interest (organized by date) in the program archive table on the website. The third column contains the necessary Matlab script and function files, and have file extension “.m”
- (4) Download the files in the code column by right-clicking on the file name and choosing “Save Link As...” (Firefox) or “Save Target As...” (Internet Explorer). Left-clicking on the code links will open the text in the browser, but will not download the file. Make sure to note where you saved the file (e.g. Desktop, My Documents, etc.).

Running MATLAB on PCs

- (1) Double click on the **MATLAB** icon on the desktop, or choose it by going through the <START> >> <PROGRAMS> menu option.
- (2) Wherever you saved the program before, in the **MATLAB** command window type
addpath 'c:\path\to\file'
where \path\to\file is the file where you saved the file or group of files from the website.
- (3) Click the OPEN... tab on the FILE menu to open the matlab file (.m) saved in your directory.
- (4) Be sure to save modifications to the .m file before you run it, so that your changes will affect the code run.

Ending a Session

- (1) Click on the <START> button on the bottom leftmost portion of the screen
- (2) Click “Logout”
- (3) NOTE: be sure to remove any CDs before logging out, and be sure to take any removable media (e.g. thumb drives) with you.

Lab Specific Notes

- (1) If you are using PCs in the 4th floor lab, remember to save your work on a flash drive, or email the modified files to yourself, or upload the files on to Webspaces, or use SSH file transfer or any other storage option in order to keep your files after you have logged out. Once you log out, all your saved work will be lost.
- (2) The **Script Files** for the dynamic optimization program are **qlpabel.m** and **qlpsimple.m**