3. NOTES ON MATLAB

3.1 Opening MATLAB

(a) To open MATLAB in the Lab using Windows 10, use the menu sequence

    Start → Matlab R2019a

(b) Wait until the symbol “>>” appears in the Command Window. Then Matlab is fully functional.

(c) To set the path to the Class Directory:

    (1) The Current Directory window should read T:\ese502\matlab

    (2) If not, click on the folder icon for Browse for Folder (to the left of the Current Directory). Then scroll down to Course Data Directories (T:)\ese502\matlab.

(d) Notice that the Workspace is by default in the lower left corner of the screen. You can rearrange this placement (and can also include the useful “Command History” window) by opening Layout on the Home tab, and experimenting with different layouts.

3.2 Additional Helpful Hints

(a) For additional information, in the main menu, click Resources → Help → Documentation → MATLAB. In the Table of Contents look at MATLAB → Getting Started with MATLAB.

(b) To obtain a reasonable screen format for numbers, use the main menu sequence Home → Preferences → Command Window, and under Text Display set Numerical Format = “short g”.

(c) To abort a long operation in midstream use Ctrl + C. It usually works.

(d) If you do not want to display the result of a given command, be sure to add a semicolon (;) to the end of your command. Example: To make a vector of 100 random numbers, try typing

    >> x = rand(100,1);

    and then typing,

    >> x = rand(100,1)

    You will see the difference.