

# ENGR 1120 Lecture Chapter 1 - Introduction

- **1.1 - Getting Into MATLAB** (Read this on your own)
- **1.2 - The MATLAB environment** (a.k.a. the I.D.E.)
  - The Command Window

- The Current Folder

- **The Workspace**

- **The Status Indicator**

- **The Layout Menu**

- **1.3 - Variables and Assignment**

- A variable is a container for storing values in the RAM. The value that is stored has a *type* (1.3.3). We will begin with *floating point* values.

*variable = expression*

– There are important rules for choosing a variable name (pg. 9)

- \* The first character

- \* The rest of the characters

- \* case matters

- \* keywords

- \* function names

## • 1.4 - Numerical Expressions

- We will begin with numerical expressions. This is how we do typical math computations in MATLAB.
- To do this we need to learn about *operator precedence*.

$( \quad )$       Parenthesis

$\wedge$       Exponents

$-$       Negation

$* \quad /$       Multiplication and Division

$+ \quad -$       Addition and Subtraction