

EGR 182—Introductory Mathematics for Engineering Applications

Lab 1 Pre-Lab (10 points)

Due—Before Lab Class

1. Watch 9 Videos (see Blackboard (BB) under Labs → Lab 01 – MATLAB)

Welcome (< one minute)

Blackboard Tour (< 4 minutes)

Lab Report Details (8:19 min)

MATLAB – Background & Syntax (11:56 min)

MATLAB – IDE Tour & Command Window (6:35 min)

MATLAB – Script Files (13:36 min)

MATLAB – Vector Operations (11:58 min)

MATLAB – Matrix Operations (14:21 min)

MATLAB – Plotting (11:26 min)

2. Take Lab 01 Pre-Lab **Quiz** covering the content covered in the above videos. (10 points)
3. Review files that make up Lab 01
 - a. Lab Report Requirements
 - b. Sample Report (partial)
 - c. Lab 1 instructions
4. Print out Lab 1 instructions and bring with you to the first lab