MAE/ECE 5320 LAB 0: INSTALL MATLAB

Section 1 install MATLAB

Install MATLAB with any version **later than R2019a or R2019b** for your own laptop and update your license linked to university email. During the installation, you will need choose the following MathWorks products which will be used to program the projects: MATLAB®, Simulink®, **Control System Toolbox™**, **Simulink control design toolbox**, Curve Fitting Toolbox™, DSP System Toolbox™, Image Processing Toolbox™, Instrument Control Toolbox™, Optimization Toolbox™, Signal Processing Toolbox™, Simscape™, Simscape Multibody™, Stateflow® and Symbolic Math Toolbox™. (Toolboxes for Arduino and other hardware support will be installed later.) 📃

USU Students can register a free account for MATLAB education version with USU .edu email.

Engineering computer lab provides resources and technical support for installing MATLAB,

https://engineering.usu.edu/students/open-access-computer-labs/

If you already have installed MATLAB, type the command *ver* in the Command Window to check the version info.

Usually, MATLAB release first version of that year as 'a', and second release is 'b'. Normally, 'b' version is more stable and improved from users' feedback. Version 'b' will be more recommended than version 'a'. 📃

Section 2. Get started with MATLAB Simulink.

The following link and its related videos provide overview and introduction to Simulink for control system. 📃
https://www.mathworks.com/videos/getting-started-with-simulink-69027.html 📃