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Control Theory Bootcamp

LearnerSpace 2025 Software Installation Procedure

To be able to follow along with the tutorials from Week 2 and work on the assignments, it is necessary for you to have MATLAB installed. We recommend installing the latest version, MATLAB R2025a, but any version your system specifications can handle will do fine. As for the software itself, MATLAB is not FOSS- it is proprietary and owned by MathWorks. Hence, it is not free. However, it is free for students, undergraduates, and those above.

Windows Installation Procedure:

- 1. Go to the following hyperlink: MATLAB for Students
- 2. Make a new MathWorks account **using your LDAP Webmail**. This enables you to access MATLAB via the IITB Campus-Wide licence.
- 3. Proceed to installation: Installing MATLAB
 During installation, you will be prompted to select which products you want to install. Along with MATLAB, please select Simulink, Simscape, and Simscape Multibody.

NOTE for Silicon chip MACs:

- You have to install a Java runtime for MATLAB
- After downloading the DMG file from https://www.mathworks.com/downloads/
- Double-click the installer and follow the prompts to complete the installation.
- After installing MATLAB, install the Java runtime using the link below: https://in.mathworks.com/support/requirements/apple-silicon.html
- Install the Amazon Corretto 11 (it is a simple installation; just follow the onboard instructions of the installer)

P. S.: If you are interested in exploring MATLAB, click <u>here!</u>

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