

# Lab Software

## What is the campus MATLAB license?

MATLAB (matrix laboratory) is a numerical computing environment and fourth-generation programming language. Developed by MathWorks, MATLAB allows matrix manipulations, plotting of functions and data, implementation of algorithms, creation of user interfaces, and interfacing with programs written in other languages, including C, C++, Java, and Fortran.

### Licensing

Florida Institute of Technology offers a Classroom License, which allows network concurrent licensing for computer systems tagged in our Information Technology controlled open computer labs, multimedia classrooms, and multimedia computer labs. Faculty who require the software for academic teaching purposes can request the Research License, which allows four concurrent uses at any time. Requests for the research license can be made by contacting the [Technology Support Center](#). Students and Staff are not permitted to have MATLAB installations. Such patrons may use one of the many computer labs controlled by Lab Support Services.

### Classroom Concurrent License

The Classroom license is used only in Information Technology controlled open computer labs, multimedia classrooms, and multimedia computer labs through Service Level Agreements (SLA's). The Classroom License is not permitted for research use. The license is solely intended for classroom instruction and lectures. The Classroom License offers the following toolboxes (in addition to MATLAB core):

- SIMULINK
- Bioinformatics\_Toolbox
- Control\_Toolbox
- Image\_Toolbox
- Neural\_Network\_Toolbox
- Signal\_Toolbox
- Power\_System\_Blocks
- Simscape
- Simulink\_Control\_Design
- Statistics\_Toolbox
- Symbolic\_Toolbox
- Identification\_Toolbox

Any research that is generated through this license will violate the Terms of Service

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(ToS) with MathWorks and Florida Tech. Patrons looking to use MATLAB for research purposes should use our SSH Server, code.fit.edu, or request the research license to be installed.

## Research Concurrent License

Due to the limit of licenses for MATAB, Lab Support Services, Information Technology cannot offer to have the main Classroom License installed on any computer systems outside of the computer labs and classrooms controlled by I.T. through Service Level Agreements (SLA's). Information Technology can offer the MATLAB Campus Research License for faculty and staff users, which offers the following toolboxes (in addition to MATLAB core):

- SIMULINK
- Control\_Toolbox
- Optimization\_Toolbox
- Signal\_Toolbox
- Simulink\_Control\_Design
- Symbolic\_Toolbox

The Campus Research license offers up to **four concurrent users** access to the license file at any given time. Staff and Faculty looking to acquire the MATLAB Research License must have a Florida Tech tagged computer system.

Alternatively, it is recommended that a long-term solution be drafted in which the department (of the faculty member) purchases a single-user MATLAB license Core and toolboxes. This recommendation is suggested as the research license tends to always have **four** simultaneous users consuming the licenses. The recommendation of purchasing your own single-user core license and toolboxes also is valid if the research license's toolboxes do not offer your specific toolbox requests.

To purchase additional toolboxes or single-installation MATLAB licenses, please contact the Lab Support Services manager Thomas Couperthwaite at [tcoupert@fit.edu](mailto:tcoupert@fit.edu).

## Maintaining of Software

The Lab Support Services, Information Technology department is primary responsible for all licenses and software maintainance. They can be contacted through the [Technology Support Center](#).

## Locatation of Software

The software can be found in all Lab Support Services, Information Technology supported multimedia classrooms, open-computer labs, and instructor workstations.

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For a complete list of these specific locations, please click here: [Computing Labs](#).

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Support requests can be forwarded to the Technology Support Center for processing by visiting their homepage at <http://www.it.fit.edu>.

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