



The Electrical Engg. Dept. cordially invites you to attend a five half day

Short Course on MATLAB Programming

MATLAB is one of the most widely used scientific programming languages in the world today. The name, MATLAB, stands for Matrix Laboratory, a reflection of the programs origins. Indeed, one of the most distinctive features of MATLAB is its integrated use of matrices and the operations of linear algebra.

Who should attend?

All EE students are welcome to attend the workshop. Especially those who have already completed ELEG 205 and ELEG 206 and also those junior and senior level students who want to brush their programming skills in MATLAB.

Topics Covered

There are two objectives to this tutorial: (a) to learn basic MATLAB commands, and (b) to understand how to write and execute simple MATLAB programs to generate, manipulate, display and save data. The following topics will be covered during the short course:

- Variables, assignment statements and mathematical operations
- Mathematical Operations with MATLAB
- Loops and Conditionals in MATLAB
- Built in MATLAB functions
- Scalar Functions Applied to Matrices
- Writing a MATLAB program: M files
- Plotting in MATLAB
- ODE routines in MATLAB
- Symbolic Tool Box in MATLAB
- Control System Tool Box

MATLAB®



From 28th June to 2nd July

Bu-Hasa Bldg. Room No. 2239 from 3:00 PM to 5:00 PM

By Syed F. Faisal

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