

MatLab Short Course

Introduction to MatLab

Course Contents

- Introduction
- General Description
- Quick Demonstration
- Tool Boxes

Course Description

- Session 1 - 3 hours
 - Introduction
 - Installation
 - Language
- Session 2 - 3 hours
 - Writing Matlab Programs
 - Exercises

Materials

- MatLab for Windows: \$800
- ToolBoxes and Add-ons: \$200 to \$500 each
- Student Edition: \$100
 - Limited Matrix size
 - Selected Toolbox Functions

Classroom Kit

- Matlab and Simulink
- ToolBoxes:
 - Signal Processing
 - Signal Processing Blockset
 - Control Systems
 - Wavelets
 - Communication Systems
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Texts

- Etter, Engineering Problem Solving With MatLab
- Etter, Introduction to MatLab
- The MathWorks, The Student Edition of MatLab