

THE LEARNING CENTER (TLC @ UTT)

INTRODUCTION TO MATLAB - LEVEL 1 & 2

OUTLINE:

MATLAB is a tool for use in various fields requiring any mathematical, statistical, scientific, engineering analysis or application. MATLAB is one of the fundamental courses for students, scientists, engineers and researchers. The aim of this short course is to introduce the elements of MATLAB environment and its use by users belonging to but not limited to: Chemistry, Physics, Environment, Mathematics, Educational, Statistics, Animal Science, Medicine, Engineering and Research (from any specializations). The laboratory exercises are designed with special emphasis to strike a balance between theory and practice.

OBJECTIVES:

On completion of this course, participants will be comfortable in:

- The MATLAB environment: commands, syntax, interface.
- Basic and advanced mathematics and operations.
- Graphs, Graph visualization, Generation of fully annotated 2D graphs.
- Basic and advanced Programming constructs in MATLAB.
- Using m-file scripts and functions.
- Data file manipulations.
- Solving Linear equations.
- Importing and exporting data.
- Handling input and output.

DESIGNED FOR:

UTT Staff and Students from ANY discipline.

DURATION:

Level 1 & 2 commencing June 2, 2010
WEDNESDAYS & FRIDAYS
(11:00am – 1:00pm)

VENUE:

The University of Trinidad and Tobago
Point Lisas Campus, Brechin Castle
Couva

PLEASE CONTACT:

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