

Online registration

MATLAB Course



Date & Time

3/8, 15, 22, 29
9:00-12:00



Location

Classroom 2624,
6F, Building 2



Registration
or question

Email to Bruce

(bruce@saturn.yzu.edu.tw)
or contact #2531

MATLAB®
& SIMULINK®



Course Detail

MATLAB Basic I

Date : 3 / 8

Start to use MATLAB

1. Introduction for MATLAB User Interface
2. Introduction for MATLAB variables

Variables and Expressions

- Entering commands
- Creating variables & Data Type
- Getting help
- Accessing and modifying values in variables
- Creating character variables

MATLAB Basic II

Date : 3 / 15

Data Analysis with MATLAB

1. How to import data and access data
2. How to plot in MATLAB

Data analysis with MATLAB

- Reading data from file
- Saving and loading variables
- Plotting data

MATLAB Adv. I

Date : 3/22

Introduction for programming process in MATLAB environment

Automating Commands with Scripts

- A modeling example
- The Command History
- Creating script files
- Running scripts
- Code sections
- Publishing scripts

MATLAB Adv. II

Date : 3/29

1. How to write and call function M file in MATLAB
2. Introduction for different type of function

Writing Functions

- Creating functions
- Calling functions
- Workspaces
- Path and precedence

Structuring Code

- Private functions
- Subfunctions
- Function handles
- Anonymous functions
- Precedence rules