## FEES

**1 Session (2 Days)** including breakfast, lunch and tea break

♦ Undergraduate
   **RM 500**

♦ Postgraduate
   **RM1000**

**Note and certificate provided**

## If you are interested!

For further information, please call

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Intelligence Technology Lab Department of Electric, Elektronik and System, Faculty of Engineering and Built Environment

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**Register Now** via link below
http://goo.gl/forms/6eR8ObSBxl

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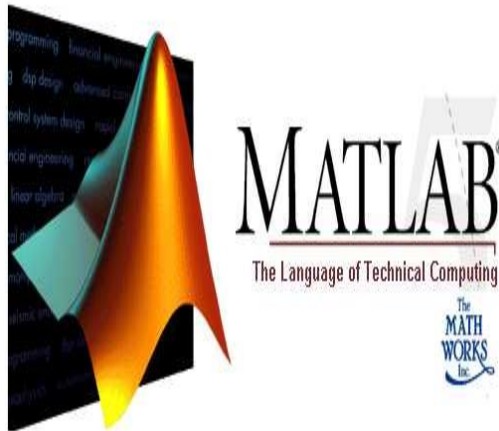Science Officer Assistance

# MATLAB
*The Language of Technical Computing*

# Data Processing & Management Workshop

*Organizer*
*Program Pemerkasaan Kompetensi Akademik Siswazah , Fakulti Kejuruteraan & Alam Bina UKM*

UNIVERSITI KEBANGSAAN MALAYSIA
*The National University of Malaysia*

PKAS
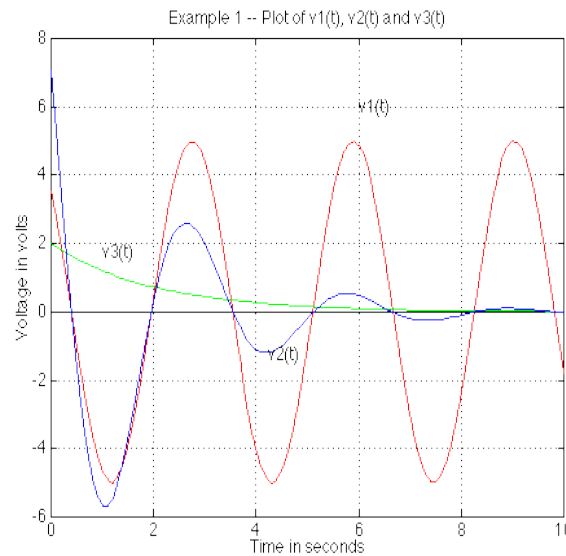PROGRAM PEMERKASAAN KOMPETENSI AKADEMIK SISWA

## INTRODUCTION

The Introduction to MATLAB workshop will cover a variety of basic MATLAB topics. It will mainly focus on the basic data management,processing and analysis using MATLAB. It will include data import/export (ex:txt,xls and etc to matlab and vice versa) , loading techniques, introduction to variables, plotting, function and writing scripts. Participants will gain experience through simple analytic examples through hands on experience.



## OBJECTIVE

The objectives of this workshop are:

⇒ Introducing basic topics in MATLAB

⇒ Strengthening basic data analysis techniques

⇒ Providing practical "hands - on " experience in MATLAB to strengthen the ability in analyzing the data .



## TENTATIVE

| DAY 1 | |
|---|---|
| **Time** | **Subject** |
| 8.30 a.m | Registration and Breakfast |
| 9.00 a.m | **Slot 1:** Data import and export techniques |
| 10.30 a.m | **Slot 2:** Data load and read techniques |
| 12.30 a.m | Break, pray & lunch |
| 2.00 p.m | **Slot** 3: Managing Variables |
| 3.30 p.m | **Slot** 4: Cutting & Plotting |
| 4.45 p.m | Tea break |
| 5.00 p.m | End |
| DAY 2 | |
| 8.30 a.m | Breakfast |
| 9.00 a.m | **Slot 5:** Functions |
| 12.30 a.m | Break, pray & lunch |
| 2.00 p.m | **Slot 5:** Scripting |
| 4.00 pm | **Slot 6:** Q & A session, assessment and result |
| 4.45 p.m | Tea break |
| 5.00 p.m | End |

* Subject to change