






# MATLAB FOR ENGINEERING STUDENTS



# MATLAB FOR ENGINEERING STUDENTS

by Assoc Prof Ir Dr Zool H Ismail



Module 1 Course Introduction	<ul style="list-style-type: none"><li>• Course Introduction and Overview</li><li>• Basic features</li><li>• How to Getting started using Git</li></ul>	
Module 2 Basic Plotting	<ul style="list-style-type: none"><li>• Mathematical functions</li><li>• Basic plotting</li><li>• Matrix generation</li></ul>	
Module 3 Array operations & Linear equations	<ul style="list-style-type: none"><li>• Array operations</li><li>• Linear equations</li><li>• Solving linear equations</li></ul>	
Module 4 Programming in MATLAB	<ul style="list-style-type: none"><li>• M-File Scripts</li><li>• M-File functions Input to a script file</li><li>• Output commands</li></ul>	
Module 5 Control flow and operators	<ul style="list-style-type: none"><li>• Introduction</li><li>• Control flow</li><li>• Saving output to a file</li></ul>	



<https://github.com/dr-zool/matlab.git>

# Contact me

## **ASSOC PROF IR DR ZOOL H ISMAIL**

PhD, PEPC (PEng), CEng, CMarEng, MIMarEST, SMIEEE, MIET, *AAE*  
**Deputy Director**, Center for Artificial Intelligence and Robotics (CAIRO)

**Senior Lecturer**, Malaysia-Japan International Institute of Technology (MJIIT)

**Treasurer**, IEEE Oceanic Engineering Society (OES) Malaysia Chapter

Universiti Teknologi Malaysia

Jalan Sultan Yahya Petra, 54100, Kuala Lumpur, MALAYSIA.

[zool@utm.my](mailto:zool@utm.my) or [zool@ieee.org](mailto:zool@ieee.org)

Office: (6)03-22031495 | Fax: (6)03-26970815 | Mobile: (6)019-9816001