UNIVERSITI KUALA LUMPUR
MALAYSIAN SPANISH INSTITUTE

(The contents and other related details in this form is used for publication purpose only. Training module will be given to participants upon registration)

Course Title: **NEURAL NETWORK WITH MATLAB/SIMULINK FOR CONTROL SYSTEM APPLICATION**	**Course Code :**	**EEA 168**

Course Background/Summary :

Neural Network is one of the control algorithms which are gaining popularity. The flexibility and ability of it to deal with nonlinear and complex system make it the best option to be used .This course will introduce participants on how to make use of neural network for the application of pattern recognition and decision making. MATLAB/Simulink will be the tool to test the control algorithm

Course Objectives:

- Use neural network control algorithm for pattern recognition and decision making
- Familiarize with MATLAB/Simulink as processing engine for this neural network algorithm.

Target Audience:

- Electricians, Research assistant/research officer, Researcher, Academicians
- Technicians, Hobbyist
- Engineers & Instructors

Course duration :	**Min:3 days, Max:5 days**
Course Contents :	

No	**TOPICS**
1	Introduction to Neural network
2	Basic knowledge on MATLAB/Simulink
3	Write and use neural network algorithm for pattern recognition and decision making

COURSE STRUCTURE:

Practical :	65 %
Theory :	35 %

UniKL MSI can also customize existing short courses and develop new courses to meet your personal training needs and requirements. The course duration serves as a guideline for your reference.

Please forward enquiries to Centre for Advancement & Continuing Education (ACE), University Kuala Lumpur (Malaysian Spanish Institute), Kulim Hi-Tech Park, 09000 Kulim, Kedah or via fax to:04-4032539 or email to ***syazrah@unikl.edu.my*** *or call 04-4035199 / 200 (ext:112 / 185)*