



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: LABVIEW FOR PNEUMATICS AND HYDRAULICS APPLICATION		Course Code : EEA 160
Course Background/Summary : Labview is one of the most important SCADA software used in the industry. It provides real data monitoring and activation. System. This course will introduce participants on how to utilize Labview software and build interface for Pneumatics and Hydraulics application. The participants would also be able to construct/build Data Acquisition Card (DAQ) from scratch.		
Course Objectives: <ul style="list-style-type: none">• Program/Utilize LABVIEW SOFTWARE and familiarize with DAQ• Control pneumatics and hydraulics cylinders for several applications• Program/Utilize LABVIEW SOFTWARE for data monitoring and control		
Target Audience: <ul style="list-style-type: none">• 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 Labview and DAQ	
2	Introduction to PIC microcontroller as interface circuit to Labview	
3	Labview for data capture, monitoring, transfer and communication	
4	Labview programming for control motors	
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)