



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: PLC FOR CONTROL SYSTEM (position, speed, level, temperature control)		Course Code : EEA 103 (iv)
Course Background/Summary : <p>PLC is one of most important tool in automation system. It provides programmed control sequences related to specific application according to the industry's needs. This course will demonstrate on the use of PLC in dealing with analogue signals for the purpose of process control system to the participants. They will acquire the skills in writing PLC programs for PID control algorithms and handle control systems such as speed, position, level and temperature.</p>		
Course Objectives: <ul style="list-style-type: none">• Program PLC for process control algorithm such as speed, position, level and temperature• Write PLC program for PID control algorithm.• Interface PLC to sensors and actuators.		
Target Audience: <ul style="list-style-type: none">• Electricians, Researchers, Academicians• Technicians, Engineers & Instructors		
Course duration :	Min:3 days, Max:5 days	
Course Contents :		
No	TOPICS	
1	Introduction to PLC	
2	Introduction to control system theory.	
3	Write PLC for PID Algorithm	
4	Control speed, position, level, temperature with PLC .	
5	Others	
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)