



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: DIGITAL ELECTRONICS FOR MOTOR CONTROL APPLICATION		Course Code : EEA 146
Course Background/Summary : Digital electronics are an important element being used for electronics, automation system for house appliance and industry. This course will introduce the participants to make use and apply this electronics circuit IC (AND, OR, 555 TIMER, SR,JK. etc) for the application of motor control.		
Course Objectives: <ul style="list-style-type: none">• Acknowledge digital circuit elements for motor control• Control DC and AC machine, stepper motor and RC servo motor		
Target Audience: <ul style="list-style-type: none">• Electricians, Research assistants, Research officer, Researcher, Academicians• Technicians & Engineers• Instructors		
Course duration:	Min:3 days, Max:5 days	
Course Contents :		
No	TOPICS	
1	Introduction to Electronics circuit	
2	Introduction to basic AC and DC machine, stepper motor and RC servo motor	
3	Construct Circuit for motor control application	
4	Commissioning, testing and fault finding circuit using oscilloscope.	
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), Universiti 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)