



(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: GPS POSITIONING WITH PIC MICROCONTROLLER		Course Code :	EEA 173
Course Background/Summary: The course has been designed to familiarize academicians, technicians and engineers to deal with microcontroller configuration. The application of microcontroller varies from small application such as pick and place to complex systems such as satellite, GPS navigation, drone, etc.			
Course Objectives: At the end of this training, the participants will be able to: <ul style="list-style-type: none">• Understand the basic concepts of microcontroller• Understand microcontroller configuration• Examples and demo application of microcontroller			
Target Audience: <ul style="list-style-type: none">• Academicians, Engineers, Instructors			
Course Duration :		Min:2 days, Max:5 days	
Course Contents :			
No	TOPICS		
1	The hardware architecture of Microcontroller		
2	I/O pins and its configuration		
3	Analog to digital		
4	Timers		
5	UART and SPI		
6	Interrupts (IOC and Others)		
7	PWM		
8	Simple Projects using Microcontroller		
COURSE STRUCTURE:			
Practical :		60 %	
Theory :		40 %	

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)