



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

<b>Course Title:</b> <b>PLC PROGRAMMING SIEMENS S7-300 (SIMATIC S7)</b>		<b>Course Code :</b>	<b>EEA 103 (ii)</b>
<b>Course Background/Summary:</b>  The course has been designed to familiarize electricians, technicians and engineers with little or no experience of S7 to different aspects associated with the operations of Siemens S7 controllers. Participants will apply specific exercises, actual drawings and program listings during the training to gain the greatest possible benefit from the course.			
<b>Course Objectives:</b> <ul style="list-style-type: none"><li>Familiarize to the concepts and operations of S7 programmable controllers, including the following areas: Reload programs, Implement changes to the program, Using the Simatic S7 programmer to connect and monitor programs to determine problems posed.</li></ul>			
<b>Target Audience:</b> <ul style="list-style-type: none"><li>Electricians, Technicians, Engineers, Instructors</li></ul>			
<b>Course Duration :</b>		<b>Min:3 days, Max:5 days</b>	
<b>Course Contents :</b>			
No	TOPICS		
1	The hardware architecture of the S7 range of controllers		
2	I/O Modules and wiring		
3	Addresses used in the S7 range of controllers.		
4	Safety standard and hardware configuration.		
5	Programming software e.g Editing and modifying programs.		
6	Basic programming instructions		
7	Special instructions; words, set, reset, comparison, etc.		
8	Sequential program		
9	Timer and counter		
10	Sequential control system		
11	Data blocks		

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](mailto:syazrah@unikl.edu.my) or call 04-4035199 / 200 (ext:112 / 185)



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<b>COURSE STRUCTURE:</b>	
Practical :	60 %
Theory :	40 %

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