



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: WELDING TECHNOLOGY		Course Code : MMF 132
Course Background/Summary : WELDING TECHNOLOGY Participants will learn the techniques of oxyacetylene cutting, arc welding (SMAW), heli arc (TIG), gas metal arc (MIG), and how to work with different metals. The program also includes safety, blueprint reading, layout, inspection, testing, materials, fabrication and processing as related to structural fabrication, oil-gas industry field welding, and other industrial practices. This subject focuses on the process or procedure to perform joins or fabricate the metal.		
Course Objectives: Welding Technology		
<ul style="list-style-type: none"> • Develop skills in producing good welding quality using certain welding process • Seal and cutting welding using oxyacetylene • Determine and control the factors that contribute to welding defects • Use in thermal cutting process for joining in accord to procedure and safety • Inspect the welded part, according to quality requirement • Select the different types of welding process for different purposes 		
Target Audience:		
<ul style="list-style-type: none"> • Welding Engineers, Welding Supervisors, Welding Instructors • Teaching staffs/instructors 		
Course Duration :		Min:3 days, Max:5 days
Course Contents :		
No	TOPICS	
1	Welding Technology <ul style="list-style-type: none"> • Introduction: Safety & Health in Welding • Fundamentals of Welding • Analysis of welding principles • Soft soldering 	

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.



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<ul style="list-style-type: none">• Brazing• Oxyacetylene Welding & Cutting• Shielded Metal Arc Welding (SMAW)	
COURSE STRUCTURE:	
Practical :	50%
Theory / Lab Works :	50%

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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)