



**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)

<b>Course Title: ELECTRICAL DISCHARGE MACHINING (EDM) DIE SINKING PROGRAMMING AND MACHINING</b>		<b>Course Code : MMF 107</b>
<b>Course Background/Summary:</b> This subject covers on the procedures in manufacturing by the used of EDM Machines. The training is a combination of theories and practical sessions in order for the participants to understand the concepts, functions and application of the machines involved.		
<b>Course Objectives:</b> <ul style="list-style-type: none"><li>• Describe typical ways to obtain shapes by means of special processes and their integration degree on machine tools.</li><li>• Use the spark erosion machine to produce the product.</li></ul>		
<b>Target Audience:</b> <ul style="list-style-type: none"><li>• Machines operators and machines suppliers</li><li>• Teaching staffs (including vocational and technical teachers)</li><li>• Industrial workers</li></ul>		
<b>Course Duration :</b>	<b>Min:3 days, Max:5 days</b>	
<b>Course Contents :</b>		
No	TOPICS	
1	Introduction: Type of die-sinking machine, Application of die-sinking machine, Advantages of die-sinking machine	
2	Preparation of Machines: Parts of the die-sinking machine, The safety of the die-sinking machine, Reference system, Axes and coordinates of the axes, Coolant systems, Clamping systems	
3	Machine Parameters: Preparatory functions, Cutting condition, Speed and feed selections	
4	Programming: Type of codes, Absolute/Incremental programming, Miscellaneous functions (M)	
5	Machining: Program selection/editing, Projects	

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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