



(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) WIRE CUT PROGRAMMING &amp; MACHINING</b>		<b>Course Code : MMF 106</b>
<b>Course Background/Summary :</b> This course focuses on the integration of machining process (programming, machine set-up and use, program transfer, workplace preparation, etc.) and characteristics of the material performed by EDM Wire Cut Machines. This course will also cover the description of tools, tool holders and devices to refer the shapes, type of materials that participate in the machining process, clamping, safety during operations and identifies machine components requiring usage or first level maintenance (filters, lubrication devices, protections etc).		
<b>Course Objectives:</b> <ul style="list-style-type: none"><li>• Recognize the types of machine tools and clamping device in EDM Wire Cut Machine</li><li>• Use EDM Wire Cut machine to produce a part (setting and machining)</li><li>• Prepare drawing, programming, alignment work piece before starting the machining process.</li></ul>		
<b>Target Audience:</b> <ul style="list-style-type: none"><li>• Machine operators and machine 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>		
<b>No</b>	<b>TOPICS</b>	
1	<b>Wirecut</b> 1.0 Introduction 1.1 Type of wire cut machine 1.2 Application of wire cut machine 1.3 Advantages of wire cut machine	
2	2.0 Preparation Of Machines	

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)



**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)

	2.1 Parts of the wirecut machine 2.2 Safety of the wirecut machine 2.3 Reference system 2.4 Axes and co-ordinate of the axes 2.5 Coolant systems 2.6 Clamping systems
3	3.0 Machine Parameters 3.1 Preparatory functions 3.2 Cutting condition 3.3 Speed and feed selections
4	4.0 Programming 4.1 Type of codes 4.2 Absolute/Incremental programming 4.3 Miscellaneous functions (M)
5	5.0 Machining 5.1 Program selection/editing 5.2 Projects
<b>COURSE STRUCTURE:</b>	
Practical :	60%
Theory / Lab Works :	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](mailto:syazrah@unikl.edu.my) or call 04-4035199 / 200 (ext:112 / 185)*