



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: MasterCAM X6		Course Code : DS 109
<u>Course Background/Summary :</u>		
<p>This training provides all the instructions about creating 2D and 3D Geometry Creation (CAD) and 2D and 3D Toolpath Creation (CAM) in Mastercam. It begins with absolute basics by introducing the Mastercam user interface that will include creating geometry, drilling and creating contour toolpaths. The gradual progression lends way to more advanced concepts such as multiple setup scenarios and 2D High Speed Toolpaths.</p>		
<u>Course Objectives:</u>		
<p>At the end of this training, the participants will be able to/have:</p> <ul style="list-style-type: none"> • Use Mastercam to create 2D Geometry, 2D Milling Toolpaths and use the Work Co-ordinate System. • Use Mastercam to create 3D Surface Models, Solid Models and 3D Surface Machining Tool paths. 		
Target Audience:		
<ul style="list-style-type: none"> • Mechanical engineers, lecturers • Technicians 		
Course Duration :		Min:3 days, Max:5 days
Course Contents :		
No	TOPICS	
1	<ul style="list-style-type: none"> • Introduction to CAD/CAM 	
2	<ul style="list-style-type: none"> • Basic 3D geometry and generating NC Code 	
3	<ul style="list-style-type: none"> • 2D tool path • 2D geometry editing • 2D geometry construction • Toolpath verification 	
4	<ul style="list-style-type: none"> • 3D geometry construction • Surface modeling • Surface model editing • Surface filleting • 3D machining 	

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)



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	<ul style="list-style-type: none">• Editing toolpath
5	<ul style="list-style-type: none">• Advance surface, including Revolve and swept
COURSE STRUCTURE:	
Practical :	100%

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