



(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: MOULD DESIGN		Course Code	: MMF 115
<u>Course Background/Summary :</u> This program aims to educate on the principles and the fundamentals of mould design. This training will allow participants to enhance their knowledge on mould design. Upon completion, participants will be equipped with the correct techniques applicable of mould design and understanding of the application.			
<u>Course Objectives:</u> <ul style="list-style-type: none">• How moulds are made by using AUTOCAD• How moulds are constructed; the elements and terminology used• How mould design can influence product quality• The importance of mould cooling; gate and runner design etc• How to make mould design improvements			
<u>Target Audience:</u> <ul style="list-style-type: none">• Machines Operators & Machines Suppliers• Teaching staffs (including vocational & technical teachers)• Industrial workers			
Course Duration		:	Min:3 days, Max:5 days
Course Contents		:	
No	TOPICS		
1.	General mould construction <ul style="list-style-type: none">• Terminology		

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">• Design of mould parts and components• Cavities and cores• Inserts, parting line, line of draw, draft angle.
2	The Two Plate Mould <ul style="list-style-type: none">• Design for runner and gate design• Ejector systems• Venting mould shrinkage• Methods of locating and aligning each half• Mould venting and injection process
COURSE STRUCTURE:	
Practical :	60%
Theory / Lab Works :	40%

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