



**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: GEOMETRY DRAWING AND FITTING WORK</b>		<b>Course Code : DS 110</b>
<b><u>Course Background/Summary :</u></b> This course teaches our participants orthographic drawing using part samples, stationery, drawing board and measuring instrument, whereby the part sample is measured, orthographic drawing is drawn and part drawing specification is confirmed in accordance with drawing standard requirement. They will also be exposed to measuring, hand tool and fitting work where they will learn more on linear measurement using caliper, micrometer, height gauge, measuring check sheet, parts, parts drawing and steel ruler. This will include filing work, material cutting using workpiece and hammering work by using workpiece, files, vise, file brush machinist square, surface table and parts drawing so that parts drawing interpreted, workpiece and filing tools set up, workpiece filed and part finishing confirmed in accordance with part specification.		
<b><u>Course Objectives:</u></b> <ul style="list-style-type: none"><li>• Participants will be able to use all the manual technical drawing equipment in order to develop the geometry drawing.</li><li>• They will be able to develop mechanical parts.</li><li>• Will be able to interpret the geometry drawing and carry out common geometric dimensioning and tolerancing (GD&amp;T) application.</li></ul>		
<b><u>Target Audience:</u></b> <ul style="list-style-type: none"><li>• Mechanical engineers, Technicians, Mechanical lecturers</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	Geometry Drawing	
2	Technical Free Hand Sketching	
3	Linear And Angular Measuring	
4	Gauge Application	

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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5	Common Geometric Dimensioning And Tolerancing (Gd&T) Application
6	Tools And Procedures
7	Filing Work, Material Cutting, Knocking And Hammering Work
8	Drilling Machine And Accessories
9	Drilling Process
10	Counter Bore And Counter Sunk Process (Drill)
<b>COURSE STRUCTURE:</b>	
Practical :	100%

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