



**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: TURNING OPERATION</b>		<b>Course Code</b>	<b>: MMF 101</b>
<b><u>Course Background/Summary :</u></b> This course introduces the concept of machining of turning parts using a CNC lathe. This class addresses skills such as setting up a machining center and completing a production run. Topics include the tasks related to setup and operation, manufacturing process, how work holding setups are made, how cutting tools are assembled, measured, & loaded. Participants will also learn about the offsets related to cutting tools, including wear and geometry offsets. Participants will also learn how to cautiously run the first work piece, getting it to pass inspection and learn the tasks related to running work pieces in production.			
<b><u>Course Objectives:</u></b> <ul style="list-style-type: none"><li>• Analyze manufacturing process through turning process</li><li>• Perform turning operation using conventional turning machines</li><li>• Prepare worksheet for part production</li><li>• Analyze and perform machines variable and cutting parameter</li><li>• Identify stock removal process machine's component and structure</li><li>• Understand related machining process in the stock removal process</li><li>• Analyze standardization system for tools involved in the stock removal process</li></ul>			
<b><u>Target Audience:</u></b> <ul style="list-style-type: none"><li>• Machines Operators &amp; Machines Suppliers</li><li>• Teaching staffs (including vocational &amp; technical teachers)</li><li>• Industrial workers</li></ul>			
<b>Course Duration</b>		<b>:</b>	<b>Min:3 days, Max:5 days</b>
<b>Course Contents</b>		<b>:</b>	
<b>No</b>	<b>TOPICS</b>		
1.	Introduction to Lathe Machine (Theory)		
2.	Introduce to Lathe Machine (Practical)		
3.	Preparation of Process Sheet		

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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4.	Project Exercise
<b>COURSE STRUCTURE:</b>	
Practical :	70%
Theory / Lab Works :	30%

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