



(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: QUALITY CONTROL AND PROBLEM SOLVING TECHNIQUES IN AUTOMOTIVE ASSEMBLY OPERATIONS</b>	<b>Course Code</b>	<b>: QA 104 (T)</b>
<b><u>Course Background/Summary:</u></b> <p>Quality control is a necessary function of business operations. Companies may select from a variety of quality control methods to solve any problem, or potential problem. Most quality control problem solving methods are designed to prevent quality control problems or reduce the negative impact of quality control problems. Other quality control problems may largely be reactionary. Elements of different methods may overlap with other methods.</p> <p>The quality assurance method prevents quality problems and isolates the problem quickly. Each step of the production process, from design to market, must undergo inspection before moving to the next step. An independent or in-house quality control inspector may review the end of each step to make sure that it meets specifications. The quality assurance process also involves an inspection of all raw material inputs before production. If a problem occurs, the company can review its quality assurance process to quickly identify missteps.</p>		
<b><u>Course Objectives:</u></b> <p>The Workshop illustrates the basic skills involved in Quality Control (QC). This group training exercise is designed to precede a Quality Control Improvement and implementation.</p> <ul style="list-style-type: none"><li>• Describe the characteristics, benefits and importance of QC</li><li>• Create a Quality group</li><li>• Group manufactured products into product families</li><li>• Develop the skills necessary to create a problem solving</li><li>• Understand how to create an effective implementation plan</li><li>• Select an appropriate product family within your own facility with which to begin</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>		

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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<b>Course Duration</b>	:	<b>2 Days</b>
<b>Course Contents</b>	:	
<b>No</b>	<b>TOPICS</b>	
1.	Introduction to Quality Control	
2.	Introduction of the Problem Solving Skill	
3.	PDCA cycle	
4.	7 QC tools	
5.	Improvement plan	
<b>COURSE STRUCTURE:</b>		
Theory / Lab Works	:	100%

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