



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: TOWARDS LEAN MANUFACTURING SYSTEM	Course Code	: MMF 120 (T)
<u>Course Background/Summary :</u> Lean manufacturing, lean enterprise, or lean production, often simply, "Lean," is a production practice that considers the expenditure of resources for any goal other than the creation of value for The end customer to be wasteful, and thus a target for elimination. Working from the perspective of the customer who consumes a product or service, "value" is defined as any action or process that a customer would be willing to pay for. Essentially, lean is centered on <i>preserving value with less work</i> . Lean manufacturing is a management philosophy derived mostly from the Toyota Production System (TPS) and identified as "Lean" only in the 1990s. TPS is renowned for its focus on reduction of the original Toyota <i>seven wastes</i> to improve overall customer value, but there are varying perspectives on how this is best achieved. The steady growth of Toyota, from a small company to the world's largest automaker, has focused attention on how it has achieved this. Lean manufacturing is a variation on the theme of efficiency based on optimizing flow; it is a present-day instance of the recurring theme in human history toward increasing efficiency, decreasing waste, and using empirical methods to decide what matters, rather than uncritically accepting pre-existing ideas.		
<u>Course Objectives:</u> The Workshop illustrates the basic skills involved in the Lean Manufacturing System. This group training exercise is designed to precede a LEAN implementation. <ul style="list-style-type: none">• Describe the characteristics, benefits and importance of waste elimination• Appreciate the importance of a Lean Manager• Understand the seven types of wastes• Group manufactured products into product families• Establish Tact Time for a product family• Develop the skills necessary to create a Future State Map		

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">• Understand how to create an effective implementation plan• Select an appropriate product family within your own facility with which to begin	
Target Audience: <ul style="list-style-type: none">• Machines Operators & Machines Suppliers• Teaching staffs (including vocational & technical teachers)• Industrial workers	
Course Duration	: Min:3 days, Max:4 days
Course Contents	:
No	TOPICS
1.	Overview of the Lean Production System
2.	Lean Structure
3.	The seven types of wastes
4.	One piece flow concept
5.	PULL vs PUSH system
6.	Fundamentals of SMED
7.	Heijunka
8.	Summary of the lean manufacturing system
COURSE STRUCTURE:	
Theory / Lab Works	: 100%

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