



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: BASIC INDUSTRIAL & MANUFACTURING ENGINEERING		Course Code : MMF 134 (T)
Course Background/Summary : This course is designed for engineers & technicians who need to expand their knowledge of technical aspects of their profession, Industrial Engineering provides instruction on technical fundamentals, production layout and production ergonomics.		
Course Objectives: <ul style="list-style-type: none">• Understanding the manufacturing and industrial engineering activity• Understanding the technique of manufacturing performance measurement• Solving the time study problem• Designing the production layout• Understanding the importance of ergonomic in production		
Target Audience: <ul style="list-style-type: none">• Participants that are interested in product design and development.• Engineers and technicians that involved in product design.• Teaching staffs (including vocational and technical teachers) who teach and interested in product design and development		
Course Duration :	Min:3 days, Max:5 days	
Course Contents :		
No	TOPICS	
1.	Theory of constraint (availability and utilization)	
2.	Manufacturing layout	
3.	Batch production & continuous flow	
4.	Time study	

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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5.	Fifo / lifo
6.	Process flow
7.	Ergonomics & safety
8.	Overall equipment efficiency (oee)
9.	Continuous improvement
COURSE STRUCTURE:	
Practical :	70%
Theory / Lab Works :	30%

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