



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: SINGLE MINUTES EXCHANGE OF DIE (SMED)	Course Code : MMF 122 (T)
<u>Course Background/Summary :</u>	
<p>SMED is the term used to represent the Single Minute Exchange of Die or setup time that can be counted in a single digit of minutes. SMED is often used interchangeably with “quick changeover”. SMED and quick changeover are the practice of reducing the time it takes to change a line or machine from running one product to the next. The need for SMED and quick changeover programs is more popular now than ever due to increased demand for product variability, reduced product life cycles and the need to significantly reduce inventories.</p> <p>The successful implementation of SMED and quick changeover is the key to a competitive advantage for any manufacturer that produces, prepares, processes or packages a variety of products on a single machine, line or cell. SMED and quick changeover allows manufacturers to keep fewer inventories while supporting customer demand for products with even slight variations. It also allows manufacturers to keep expensive equipment running because it can produce a variety of products. SMED has a lot of hidden benefits that range from reducing WIP to faster ROI of capital equipment through better utilization.</p>	
<u>Course Objectives:</u>	
<ul style="list-style-type: none">• Eliminate non-essential operations• Perform External Set-up• Simplify Internal Set-up	
<u>Target Audience:</u>	
<ul style="list-style-type: none">• Machines Operators & Machines Suppliers• Teaching staffs (including vocational & technical teachers)• Industrial workers	

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 & Continuous 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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Course Duration	:	Min:3 days, Max:4 days
Course Contents	:	
No	TOPICS	
1.	Foundation of change over, traditional changeover method and basic component in SMED.	
2.	Step 1: Identification and differentiation of the internal and external activities, Waste elimination through process identification	
3.	Step 2: Concentrations of external process and eliminate waste through Kaizen programs	
4.	Step 3: The impacts of the SMED into productivity	
5.	Case study analysis	
6.	Overview and discussion the SMED concept in organization	
COURSE STRUCTURE:		
Theory / Lab Works	:	100%

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