



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: INTRODUCTION TO FLUID MECHANICS		Course Code : MEC 109
Course Background/Summary : This course will equip the participants with a fundamental knowledge and understanding of fluid properties and behavior in engineering applications. Introduce the participant on the properties of fluids and the principle of hydrostatic pressure and its application. This course will cover both statics and dynamics of fluid mechanics.		
Course Objectives: <ul style="list-style-type: none">• To expose the properties of fluids and hydrostatic pressure.• To gain knowledge of the concepts of buoyancy, stability and the design of floating bodies.• To familiarize the participants with Bernoulli's principle.• To identify laminar and turbulent in pipe and determine the minor and major pipe losses.• To explain about Turbo machinery and its performance.		
Target Audience: Teachers (kolej vokasional, ILP, secondary school, etc.)		
Course Duration :	Min : 3 Days	
Course Contents :		
No	TOPICS	
1.	Properties of Fluids	
2.	Hydrostatic Pressure	
3.	Fluid Statics	
4.	Applications of Bernoulli Equation	
5.	Flow in Pipe	
6.	Introduction to Turbomachinery	
COURSE STRUCTURE:		
Practical :	50%	
Theory :	50%	

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 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)