



**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)

<b>Course Title: DATA COMMUNICATION ON NETWORKING</b>		<b>Course Code</b> :	<b>ICT 115</b>
<b>Course Background/Summary :</b>			
<p>The participants of this course will be introduced to the fundamental concepts of data communications and networking from an information system perspective. The course will cover current hardware and software components used to build integrated corporate networks. Topics include data transmission, transmission media, LAN and WAN technologies, topologies, protocols, internet working, telephony technology, enterprise networks, and network security.</p>			
<b>Course Objectives:</b>			
<ul style="list-style-type: none"> <li>• Understand the vocabulary associated with corporate computer networks and data communications knowledge of LAN Technology including addressing, data transmission, wiring, and interface hardware and network topology.</li> <li>• Knowledge of protocols and standards and product selection based on different standards</li> <li>• Understand TCP/IP standards and future trends in the standards</li> <li>• Knowledge of internet working and Web Technology</li> <li>• Knowledge of differences among computer platforms used in networking</li> <li>• Understand trends in layers of operation of networks</li> <li>• Understand trends in human communication tools in the business environment</li> <li>• Understand security issues in corporate networks</li> </ul>			
<b>Target Audience:</b>			
<ul style="list-style-type: none"> <li>• School leavers</li> <li>• Individuals who are involved in IT functions</li> <li>• Teachers / Trainers</li> </ul>			
<b>Course Duration</b> :		<b>Min:3 days, Max:5 days</b>	
<b>Course Contents</b> :			
<b>No</b>	<b>TOPICS</b>		
1.	Data Communications - Standard and Protocol		
2.	Data Transmission Principles		

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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3.	Network-Transmission Media and Topologies
4.	Data Link Protocols
5.	Data Transmission
<b>COURSE STRUCTURE:</b>	
Practical :	60%
Theory / Lab Works :	40%

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