



Lecture -13	Protocol layers and service models
Lecture -14	OSI and Internet protocols
Lecture -15	Application layer protocols and client-server model.
Lecture -16	TCP/IP Protocols
	<b>Assignment/Presentation</b>
Lecture -17	IEEE 802.3 Ethernet: A brief discussion
Lecture -18	Wireless and mobile networks
	<b>Class Test</b>
Lecture -19	Principles of routing: IP semantics and syntax
Lecture -20	Link layer & Error detection
Lecture -21	Switching and bridging. Media. Signal strength. Data encoding
Lecture -22	Security. Overview of threats, cryptography
Lecture -23	MAC Layer Frame
	<b>Class Test</b>
Lecture -24	Overview
	<b>Final Examination</b>

<b>Textbooks &amp; References:</b>	1. 'Data communication and Networking' by Behrouz A. Forouzan.
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