

**Electrical Engineering Department**  
**EE-400, Telecommunications Networks, Lab Schedule**

Week	Date	Exp No.	Experiment Title	Location
1	12 – 16 Feb.		No Lab	
2	19 – 23 Feb.	<b>0</b>	Introduction of TCP/IP Protocol and IP Addressing Schemes	
3	26 Feb – 2 Mar	<b>1</b>	Point to Point Local Communications and Remote Access Service (RAS)	7-100
4	5 – 9 Mar.	<b>2</b>	Data Traffic Capture and Protocols Analysis using Sniffer Tool.	7-100
5	12 – 16 Mar.	<b>3</b>	Configuration of TCP/IP Parameters and Troubleshooting Network Connectivity using DOS Networking Utilities.	7-100
6	19 – 23 Mar.	<b>4</b>	Access Methods, Configuration and Monitoring of Layer-2 Switches.	7-100
7	26 – 30 Mar.		No Lab	
8	2 – 6 Apr.	<b>5</b>	IP Addressing and Subnetting: Establishing Elementary Networks using Hubs, Switches and Routers. + <b>Quiz #1</b>	7-100
9	16 – 20 Apr.	<b>6</b>	LAN Extension by Bridges and WAN Connectivity by Routers using HDSL Links	7-100
10	23 – 27 Apr.	<b>7</b>	Configuration of Routers and Establishing Routed.	7-100
11	30 Apr – 4 May	<b>8</b>	Networks Design of Simple and Complex Networks using ConfigMaker Tool. + <b>Quiz #2</b>	7-100
12	7 – 11 May.		No Lab	Bldg. 14 ITC
13	14 – 18 May	<b>9</b>	KFUPM Data Network: Study of Real-World Networking Equipment and Servers	
14	21 – 25 May	<b>10</b>	KFUPM Voice Network: Introduction to Voice Switches and Inter-System Links	Bldg 34. Tel Exchg
15	28 May – 1 Jun		<b>LAB FINAL</b> (Tentatively on 29 <sup>th</sup> May 2005 at 5:00 PM)	

**Lab 20 Points Distribution:**

Class Performance = 4

Quiz # 1 = 3, Quiz # 2 = 3

Lab Final = 10