King Fahd University of Petroleum and Minerals

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

Lab Instructor: **Muhammad Ajmal Khan**
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Week	Date	Exp No.	Experiment Title	Location
1	12 – 16 Feb.		No Lab	
2	19 – 23 Feb.	**0**	Introduction of TCP/IP Protocol and IP Addressing Schemes	7-100
3	26 Feb – 2 Mar	**1**	Point to Point Local Communications and Remote Access Service (RAS)	7-100
4	5 – 9 Mar.	**2**	Data Traffic Capture and Protocols Analysis using Sniffer Tool.	7-100
5	12 – 16 Mar.	**3**	Configuration of TCP/IP Parameters and Troubleshooting Network Connectivity using DOS Networking Utilities.	7-100
6	19 – 23 Mar.	**4**	Access Methods, Configuration and Monitoring of Layer-2 Switches.	7-100
7	26 – 30 Mar.		No Lab	
8	2 – 6 Apr.	**5**	IP Addressing and Subnetting: Establishing Elementary Networks using Hubs, Switches and Routers. + **Quiz #1**	7-100
9	16 – 20 Apr.	**6**	LAN Extension by Bridges and WAN Connectivity by Routers using HDSL Links	7-100
10	23 – 27 Apr.	**7**	Configuration of Routers and Establishing Routed Networks.	7-100
11	30 Apr – 4 May	**8**	Design of Simple and Complex Networks using ConfigMaker Tool. + **Quiz #2**	7-100
12	7 – 11 May.		No Lab	
13	14 – 18 May	**9**	KFUPM Data Network: Study of Real-World Networking Equipment and Servers	Bldg. 14 ITC
14	21 – 25 May	**10**	KFUPM Voice Network: Introduction to Voice Switches and Inter-System Links	Bldg 34. Tel Exchg
15	28 May – 1 Jun		**LAB FINAL (Tentatively on Monday 30th May 2005 at 5:00 PM at location 14-108)**	

Lab 20 Points Distribution:

Class Performance = 4
Quiz # 1 = 3,   Quiz # 2 = 3
Lab Final = 10