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	11 – 15 Sep.		No Lab	
2	18 – 22 Sep.		No Lab	
3	25 – 29 Sep.	1	Configuration of TCP/IP Parameters and Troubleshooting Network Connectivity using DOS Networking Utilities.	7-100
4	2 – 6 Oct.	2	IP Addressing and Subnetting: Establishing Elementary Networks using Hubs, Switches and Routers.	7-100
5	9 – 13 Oct.	3	Point to Point Local Communications and Remote Access Service (RAS)	7-100
6	16 – 20 Oct.	4	Data Traffic Capture and Protocols Analysis using Sniffer Tool. + **Quiz #1**	7-100
7	23 – 27 Oct.		No Lab	
8	30 Oct – 3 Nov	5	Design of Simple and Complex Networks using ConfigMaker Tool	7-100
9	20 – 24 Nov.	6	LAN Extension by Bridges and WAN Connectivity by Routers using HDSL Links	7-100
10	27 Nov – 1 Dec	7	Access Methods, Configuration and Monitoring of Layer-2 Switches + **Quiz #2**	7-100
11	4 – 8 Dec.	8	Configuration of Routers and Establishing Routed Networks	7-100
12	11– 15 Dec.	9	KFUPM Data Network: Study of Real-World Networking Equipment and Servers	Bldg. 14 ITC
13	18 – 22 Dec.		No Lab	
14	25 – 29 Dec.	10	KFUPM Voice Network: Introduction to Voice Switches and Inter-System Links	Bldg 34. Tel Exchg
15	1 – 3 Jan.		**LAB FINAL (Tentatively on 1st Jan 2005 at 5:30 pm)**	

Lab 20 Points Distribution:

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

Important Notes:

1. Attendance will be taken both at the beginning of the lab and at the end.
2. Students not present at the end of the lab are considered absent.