

# King Fahd University of Petroleum and Minerals

## Electrical Engineering Department EE-400, Lab Schedule, Term-051

Lab Instructor: **MUHAMMAD AJMAL KHAN**  
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Week	Date	Exp No.	Experiment Title	Location
1	10 – 14 Sep		No Lab	
2	17 – 21 Sep	<b>1</b>	Configuration of TCP/IP Parameters and Troubleshooting Network Connectivity using DOS Networking Utilities.	7-100
3	24 – 28 Sep		No Lab	
4	1– 5 Oct	<b>2</b>	IP Addressing and Subnetting: Establishing Elementary Networks using Hubs, Switches and Routers.	7-100
5	8 – 12 Oct	<b>3</b>	Point to Point Local Communications and Remote Access Service (RAS)	7-100
6	15 – 19 Oct		No Lab	
7	22 – 26 Oct	<b>4</b>	Data Traffic Capture and Protocols Analysis using Sniffer Tool. + <b>Quiz #1</b>	7-100
8	12 – 16 Nov	<b>5</b>	Design of Simple and Complex Networks using ConfigMaker Tool	7-100
9	19 – 23 Nov	<b>6</b>	LAN Extension by Bridges and WAN Connectivity by Routers using HDSL Links	7-100
10	26 – 30 Nov	<b>7</b>	Access Methods, Configuration and Monitoring of Layer-2 + <b>Quiz #2</b>	7-100
11	3 – 7 Dec	<b>8</b>	Configuration of Routers and Establishing Routed Networks	7-100
12	10 – 14 Dec		No Lab	
13	17 – 21 Dec	<b>9</b>	KFUPM Data Network: Study of Real-World Networking Equipment and Servers	Bldg. 14 ITC
14	24 – 28 Dec	<b>10</b>	KFUPM Voice Network: Introduction to Voice Switches and Inter-System Links	Bldg 34. Tel Exchg
15	31 Dec – 4 Jan		<b>LAB FINAL (Tentatively on Saturday 31<sup>st</sup> December 2005 at 5:30 PM, in Building 14 Room 108)</b>	

### Lab 20 Points Distribution:

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

**Office Hours:** SAT and TUE 1:15 PM to 2:00 PM.

### Important Notes:

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