



King Fahd University of Petroleum & Minerals

Electrical Engineering Department EE-400, Lab Schedule, Term-072

Lab Instructor: **MUHAMMAD AJMAL KHAN**

Lecturer, Electrical Engineering Department, KFUPM.

Office Hours: **MON, TUE, 1:15 PM – 2:00 PM**

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Week	Date	Exp No	Experiment Title	Location
1	16 – 20 Feb.		No Lab	
2	23 – 27 Feb.	1	Internetworking Basics, Devices and Models. Configuration of TCP/IP Parameters and Troubleshooting Network Connectivity using DOS Networking Utilities. Home Work #1	59-0071
3	1 – 5 Mar.	2	IP Addressing and Subnetting: Establishing Elementary Networks using Hubs, Switches and Routers. Quiz #1 and Home Work #2	59-0071
4	8 – 12 Mar.		No Lab	
5	15 – 19 Mar	3	Point to Point Local Communications and Remote Access Service (RAS). Quiz #2	59-0071
6	22 – 26 Mar.	4	Design of Simple and Complex Networks using ConfigMaker Tool / Packet Tracer Computer Assignment #1	59-0071
7	29 Mar – 2 Apr	5	LAN Extension by Bridges and WAN Connectivity by Routers using HDLS Links	59-0071
8	5 – 9 Apr.	6	Access Methods, Configuration and Monitoring of Layer-2 Switches.	59-0071
	12 – 16 Apr.		Mid-Term Vacation	
9	19 – 23 Apr.	7	Configuration of Routers and Establishing Routed Networks. Quiz #3 and Computer Assignment #2	59-0071
10	26 – 30 Apr.	10	KFUPM Voice Network: Introduction to Voice Switches and Inter-System Links Quiz #4	Bldg 34. Tel. Ex.
11	3 – 7 May		No Lab	
12	10 – 14 May	9	KFUPM Data Network: Study of Real-World Networking Equipment and Servers	Bldg. 14 ITC
13	17 – 21 May		No Lab	
14	24 – 28 May	8	Data Traffic Capture and Protocols Analysis using Sniffer Tool.	59-0071
15	31 May – 4 June		LAB FINAL (Tentatively on 1 st June 2008)	

Lab 20 Points Distribution:

Four Quizzes = 6 points, Two Home Works = 2 points, Two Computer Assignments = 2 points.

Lab Final = 10 (Final Exam will be of all types of questions including MCQ's, design, descriptive etc)

Important Notes:

- One (1) mark each will be deducted from the total marks for any unexcused absences for two times only. On absence for the third time, student will be given "DN" grade.
- Half (0.5) marks will be deducted for a late arrival.
- Students not present at the end of the lab are considered absent.