

**Electrical Engineering Department**  
**EE-400, Lab Schedule, Term-052**

Lab Instructor: **MUHAMMAD AJMAL KHAN**  
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Week	Date	Exp No.	Experiment Title	Location
1	11 – 16 Feb.		No Lab	
2	18 – 22 Feb.	<b>1</b>	Configuration of TCP/IP Parameters and Troubleshooting Network Connectivity using DOS Networking Utilities.	7-100
3	25 Feb -1 Mar	<b>2</b>	IP Addressing and Subnetting: Establishing Elementary Networks using Hubs, Switches and Routers.	7-100
4	4– 8 March	<b>3</b>	Point to Point Local Communications and Remote Access Service (RAS)	7-100
5	11 – 15.March		No Lab	
6	18 – 22 March	<b>4</b>	Data Traffic Capture and Protocols Analysis using Sniffer Tool. + <b>Quiz #1</b>	7-100
7	25– 29 March.	<b>5</b>	Design of Simple and Complex Networks using ConfigMaker Tool	7-100
8	1-5 April		No Lab. (April 1-2 is the midterm break)	
9	8 – 12 April		No Lab	
10	15– 19 April	<b>6</b>	LAN Extension by Bridges and WAN Connectivity by Routers using HDSL Links	7-100
11	22-26 April	<b>8</b>	Configuration of Routers and Establishing Routed Networks	7-100
12	29 Apr – 3 May	<b>7</b>	Access Methods, Configuration and Monitoring of Layer-2 + <b>Quiz #2</b>	7-100
13	6– 10 May	<b>9</b>	KFUPM Data Network: Study of Real-World Networking Equipment and Servers	Bldg. 14 ITC
14	13 – 17 May	<b>10</b>	KFUPM Voice Network: Introduction to Voice Switches and Inter-System Links	Bldg 34. Tel. Ex.
15	20– 24 May		<b>LAB FINAL (Date will be announced later)</b>	

**Lab 20 Points Distribution:**

Class Performance = 4

Quiz # 1 = 3, Quiz # 2 = 3

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

**Office Hours:** SUN and TUE 1:15 PM to 2:00 PM. OR Appointment by Email.

**Important Notes:**

1. 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.
2. Half (0.5) marks will be deducted for a late arrival.
3. Attendance will be taken both at the beginning of the lab and at the end.
4. Students not present at the end of the lab are considered absent.