

King Fahd University of Petroleum and Minerals

Electrical Engineering Department EE-340, Lab Schedule, Term-052

Lab Instructor: **MUHAMMAD AJMAL KHAN**
Lecturer, Electrical Engineering Department, KFUPM.

E-mail: ajmal@kfupm.edu.sa

Phone: 1392, Office Location: 7-105

Office Hours: Sun, Tue, 1:15 PM – 2:00 PM or appointment by email.

URL: <http://faculty.kfupm.edu.sa/ee/ajmal>

Week	Date	Exp No.	Title
1	11 – 16 Feb.		No Lab
2	18 – 22 Feb.		Problem Session 1
3	25 Feb -1 Mar		Problem Session 2
4	4– 8 March		Problem Session 3
5	11 – 15.March	1	Electric Field & Potential Inside the Parallel Plate Capacitors
6	18 – 22 March		No Lab
7	25– 29 March.	2	Capacitance & Inductance of Transmission Lines.
8	1-5 April		<i>No Lab.</i> (April 1-2 is the midterm break)
9	8 – 12 April	3	Simulation of Electric Field and Potential Inside Capacitors. Computer Assignment
10	15– 19 April	4	Magnetic Field Outside A Straight Conductor
11	22-26 April	5	Magnetic Field of Coils + Quiz
12	29 Apr – 3 May	6	Magnetic Force on A Current Carrying Conductor
13	6– 10 May	7	Magnetic Induction
14	13 – 17 May	8	EM Wave Demonstration, Radiation, and Radiation Pattern of A Horn Antenna
15	20– 24 May	9	EM Wave Transmission and Reflection. LAB FINAL EXAM

Lab 20 Points Distribution:

Lab Report = 6

Lab Performance = 2

Computer Assignment on Experiment # 3 = 2

Quiz on Experiments = 2

Lab Final = 8

Office Hours:

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