



King Fahd University of Petroleum & Minerals

EE-340 Electromagnetics Lab Experiments Term 062

Electrical Engineering Department EE-340, Lab Schedule, Term-062

Lab Instructor: MUHAMMAD AJMAL KHAN

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Week	Date	Exp No	Experiment Title
1	17 – 21 Feb.		No Lab
2	24 – 28 Feb.		Problem Session 1
3	3 – 7 Mar.		Problem Session 2
4	10 – 14 Mar.		Problem Session 3
5	17 – 21 Mar.	1	Electric Field & Potential Inside the Parallel Plate Capacitors
6	24 – 28 Mar.	2	Capacitance & Inductance of Transmission Lines.
7	31 Mar – 4 Apr	3	Simulation of Electric Field and Potential Inside Capacitors.
8	7 – 11 Apr.	4	Magnetic Field Outside A Straight Conductor
9	14 – 18 Apr.		No Lab (Mid-Term Vacations from 12 – 15 April)
10	21 – 25 Apr.	5	Magnetic Field Outside A Straight Conductor
11	28 Apr – 2 May	6	Magnetic Field of Coils
12	5 – 9 May	7	Magnetic Force on A Current Carrying Conductor
13	12 – 16 May	8	Magnetic Induction
14	19 – 23 May	9	EM Wave Demonstration, Radiation, and Radiation Pattern of A Horn Antenna
15	26 – 30 May		LAB FINAL (Date will be announced later)

Lab 20 Points Distribution:

Lab Report = 7

Lab attendance = 1

Computer Assignment on Experiment # 3 = 2

Two Quizzes = 3

Lab Final = 7