

King Fahd University of Petroleum and Minerals

Electrical Engineering Department

EE 306 – ELECTROMECHANICAL DEVICES Laboratory Schedule (071)

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WK	Date	Experiments
1	8 – 12 Sept	No Lab
2	15 – 19 Sept	No Lab
3	22 – 26 Sept	No Lab (23 Sept - National Day)
4	29 Sept – 3 Oct	Exp #1 Three-phase circuits
<i>Eid Break</i>		
5	20 – 24 Oct	Problem Session # 1
6	27 – 31 Oct	Exp #2 Magnetic circuits
7	3 – 7 Nov	Exp #3 Equivalent circuit of transformers
8	10 – 14 Nov	Exp #4 Regulation & efficiency of transformers
9	17 – 21 Nov	Exp #5 Load characteristics of shunt & compound generators
10	24 – 28 Nov	Problem Session # 2
11	1 – 5 Dec	No Lab
12	8 – 12 Dec	Exp#6 Torque characteristics of shunt & compound motors
<i>Eid Break</i>		
13	29 Dec – 2 Jan (2008)	Exp#7 Determination of Parameters of Synchronous Generators
14	5 – 9 Jan	Exp #8 Torque Speed Characteristics of 3 Φ Induction Motors
15	12 – 16 Jan	Final Lab Exam

Grade Distribution (20 %)

1.	Lab Report	6 %
2.	Lab Performance	4 %
3.	Quiz	3 %
4.	Lab Final	7 %
	*Absent	- 1 %
	*Late	- 0.5 %