

EE 201 ELECTRIC CIRCUITS I
First Semester (061) Tentative Schedule

INSTRUCTOR	OFFICE	PHONE	OFFICE HOURS	E-MAIL
Dr. Ibrahim O Habiballah	14-265	860-4985	UT 11:15-11:40am or by Appointment	ibrahimh@kfupm.edu.sa

Textbook: **ELECTRIC CIRCUITS**, Nilsson & Riedel, 6th Edition, 2001.

Week	Date	Topics	Text	H.W.
1	9-13 Sept, 2006	Circuits Variables, Sources, Power and Energy	1.1-1.6, 2.1	1
2	16-20 Sept	Ohm's Law, KCL, KVL, Dependent Sources	2.2-2.5	2
3	23-27 Sept	Resistive Circuits, Nodal Analysis	3.1-3.4, 3.7, 4.1	3
4	30 Sept- 4 Oct	Nodal Analysis (Continued), Mesh Analysis	4.2-4.5	4
5	7-11 Oct	Mesh Analysis, Source Transformation	4.6-4.9	5
6	28 Oct- 1 Nov	Thevenin and Norton Equivalent Circuits	4.10-4.11	6
Major Exam I (Sections 1.1-4.9). Monday, 30 October (6:00-8:00pm)				
7	4-8 Nov	Maximum Power Transfer, Superposition	4.12-4.13, 5.1-5.2	7
8	11-15 Nov	Operational Amplifiers	5.3-5.6	
9	18-22 Nov	Inductors, Capacitors, First Order Circuits	6.1-6.3, 7.1-7.2	8
10	25-29 Nov	First Order Circuits (Continued)	7.3-7.7	9
11	2- 6 Dec	First Order Circuits (contd.), Sinusoidal Response, Complex Numbers	9.1-9.2, App. B.	10
12	9-13 Dec	Frequency Domain Analysis	9.3-9.7	11
13	16-20 Dec	Frequency Domain Analysis (continued)	9.8, 9.9, 9.12	12
Major Exam II (Sections 4.10-9.2). Monday 18 December (6:00-8:00pm)				
14	23-27 Dec	Average and Reactive Power, Complex Power	10.1-10.5	13
15	6-10 Jan, 2007	Maximum Power Transfer	10.6	14
16	13-17 Jan	Review		
Final Examination January 29, 7:30AM				

- Normal Saturday Classes on Thursday, 14 September, 2006.
- National Holiday 23 September, 2006.
- Id Al-Fitr Vacation 12 October - 27 October, 2006
- Id Al-Adha Vacation 21 December 2006 – 5 January 2007

Grade Distribution:

Major Exams	15%+15% = 30%
Homework & Quizzes	10%
Design Problem	05%
Laboratory	20%
Final Exam	35%

Homework List:

Weekly Homework will be posted on WebCT and homepage.

All solutions will be posted on WebCT & <http://faculty.kfupm.edu.sa/EE/samara/>

Important Points to Remember:

1. **Home-work:** The homework assignments are to be solved completely by the students. However, the homework solution will not be collected. Instead, a quiz related to the homework problems is expected in the week following the homework assignment date.
2. Homework solutions will be posted on the following link: <http://faculty.kfupm.edu.sa/ee/hajamed/>
3. **Attendance:** According to the university regulations, any student that exceeds 20% of the scheduled class meeting without an official excuse will receive a grade of DN in the course.
4. **Official excuses:** All official excuses must be submitted to the instructor no later than one week of the date of the official excuse. The instructor may not accept a late excuse.
5. All course lectures are available online through the Web-CT. You are strongly encouraged to systematically review those online lectures to enhance your understanding of the course material.