Middle East Technical University  
EE 281 Electrical Circuits - Fall 2015

Course Content:

Instructors:
- Sec 01: Dr. Ozan Keysan – Office: A-304, EEE Department  
  Office hours: Mondays 10:30 – 11:30
- Sec 02: Dr. Murat Göl – Office: E-110, EEE Department  
  Office hours: Wednesdays 10:30 – 12:00
- Sec 03: Dr. Uluc Saranli – Office: B-208, CENG Department  
  Office hours: Mondays 10:30 – 12:00

Schedule:
- Sec 01: Mon 08.40-10.30, DZ-13, Thu 10.40-11.30, DZ13
- Sec 02: Mon 08.40-10.30, EA-310, Wed 09.40-10.30, EA-202

Web resources:
- Homeworks, resources and grades will be posted on COW
- Announcements will be made through the newsgroup course.ee281

Textbooks:

Additional References:

Grading:
- 2 Midterm Examinations: 40%
- Final Examination: 30%
- Laboratory: 20%
- Unannounced in-class exams: 10%

Requirements:
- To get a passing grade you need to have 100% attendance to labs
- The following conditions should be met to take the final exam
  - at least 50% of lab grades
  - at least 30% of midterm exam grades
  - at least 30% of in-class exam grades

Course Outline (with corresponding Nilsson & Riedel Chapters):
1) Basic Concepts (Ch. 1)
2) Basic Laws (Ch. 2)
3) Resistive Circuits (Ch. 3)
4) Methods of Analysis (Ch. 4)
5) Circuit Theorems (Ch. 4)
6) Operational Amplifiers (Ch. 5)
7) Capacitors and Inductors (Ch.6 up to 6.5)
8) First Order Circuits (Ch. 7)
9) Phasors and Sinusoids (Ch. 9)