**EE 271 FALL 2017**

**Instructor:** Mahmut Cenk Efeler

**Lecture Hours:** Monday 2nd, Wednesday 5th & 6th

**Office:** Room 205 - Electronics Engineering Department.

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Office Hours: Tuesday 7th&8th – Wednesday 2nd & 3rd

**Description:** This course is an introductory level circuit anaysis course for computer engineering students. It covers basic circuit elements and circuit analysis methods.

**Goal:** The goal of this course is to introduce circuit elements and basic circuit analysis techniques and provide a foundation to study electronic circuits.

**Grading :**  30 % Midterm, 30% Lab, 40% Final

**Rules and Regulations:**

1. Attenedance is not taken,but you are expected to come on time and attend all classes.
2. In order to be exempt from being considered absent, from an exam or from a lab,you must bring a valid health report within 3 days after the exam or the lab.

**Homework:** Homework will be assigned but not collected. Homeworks will be announced in CMS (Course Management Systme) and the solutions will also be placed in CMS.

**TextBook.:** Electric Circuits – James W.Nilsson – Susan A.Riedel.

**Course Topics : Schedule:**

Circuit variables

Circuit Elements

Simple Resistive Circuits

Techniques of Circuit Analysis

* Node Analysis
* Mesh Method
* Thevenin’s Theorem
* Source Transformation
* Superposition theorem

Inductance,Capacitance

Responce of first order RL and RC Circuits