

ECE 35, Spring 2016
Course Outline, Reading, Homework, and other Information

Lecture Schedule (Tentative). Additional elected topics will be covered (time permitting) both during the Lecture and Discussion times. Students are strongly encouraged to *attend the class and actively participate*. No notes will be distributed and no other material will be sufficient to fully replace Lecture/Discussion attendance.

- Week 1: **Electric Variables, Elements, Resistive Networks**
- Week 2: **Analysis Methods I**
- Week 3: **Analysis Methods II**
- Week 4: **Basic Circuit Theorems**
- Week 5: **Review, Midterm**
- Week 6: **Energy Storage Elements, Introduction to Phasors**
- Week 7: **Sinusoidal Steady-State Analysis I**
- Week 8: **Sinusoidal Steady-State Analysis II**
- Week 9: **Steady-State Power**
- Week 10: **Review (Alternative Analysis Methods)**

Homework:

Up to four set of problems will be given.

Head Lecture Teaching Assistant: Mr. Aaron Penne, ece35ta@gmail.com

Head Laboratory Teaching Assistant: Mr. Timothy Dell, tpdell@ucsd.edu

Office Hour: EBU-1 Rm. 3404 Tue, 9:00-10:00am or by appointment. **Exams:**

In-Class, Open Book, Strict compliance with UCSD honor code. **Grading**

Policy:

Laboratory:	20%
Midterm:	35%
Final:	45%