

EECS 42 Introduction to Electronics for Computer Science

Andrew R. Neureuther

Lecture #7 RC Transients in General

- Easy Method [EECS42_Handout_RC](#)
- Examples including Pulse Shape

Quiz 09/23/03, 20 min: in class See website
for readings

Basic Circuit Analysis and Basic Transient

Midterm: 10/2 in class: Lectures 1-9

Closed book, closed notes, bring calculator, paper provided
Review Session: Class vote on 9/30 or 10/1 and time 5-6:30?

Lectures 9/23 and 9/25 by Professor T.J. King

<http://inst.EECS.Berkeley.EDU/~ee42/>

First Midterm Exam: Topics

- Basic Circuit Analysis (KVL, KCL)
- Equivalent Circuits and Graphical Solutions for Nonlinear Loads
- Transients in Single Capacitor Circuits
- Node Analysis Technique and Checking Solutions

**Exam is in class 9:40-10:45 AM, Closed book,
Closed notes, Bring a calculator, Paper provided**

Class Input on Midterm/Review

- Midterm Options
 - Option 1: 65 min and 23% of grade in course (Final is 49%)
 - Option 2: 80 min and 28% of grade in course (Final is 39%)
- Review Options
 - Date Tu 9/30 or Wed 10/1
 - Time 5-6:30 PM or Other