EECS 42 Introduction to Electronics for Computer Science
Andrew R. Neureuther

Lecture #7

RC Circuits: For viewgraphs handed out in class 2/10/03 and on class web site under Lectures and then EECS42_Handout_RC "Charging and Discharging RC Circuits"

• Easy Method
• Examples including Pulse Shape
http://inst.EECS.Berkeley.EDU/~ee42/

Game Plan 02/05/03

Monday 02/10/03

❑ **EC Response: Sketch/Trend, Exponential Solution**
   Schwarz and Oldham: 8.1, Handout_RC VG 1-18

Wednesday 02/12/03

❑ **Easy Method; Examples including Pulse Shape**
   Handout_RC VG 19-28

Next (5th) Week

❑ **Monday 2/17/03 is a UC Holiday (President's Day)**
❑ **Nodal Analysis**
   Schwarz and Oldham: pp. 53-58; 2.5- 2.6

Problem Set #4 – Out 2/10/03 - Due 2/19/03 2:30 in box in 240 Cory

RC Circuits: 4.1 sketch/trend; 4.2 exp form; 4.3 3-R's; 4.4 pulse shape