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CECS 211

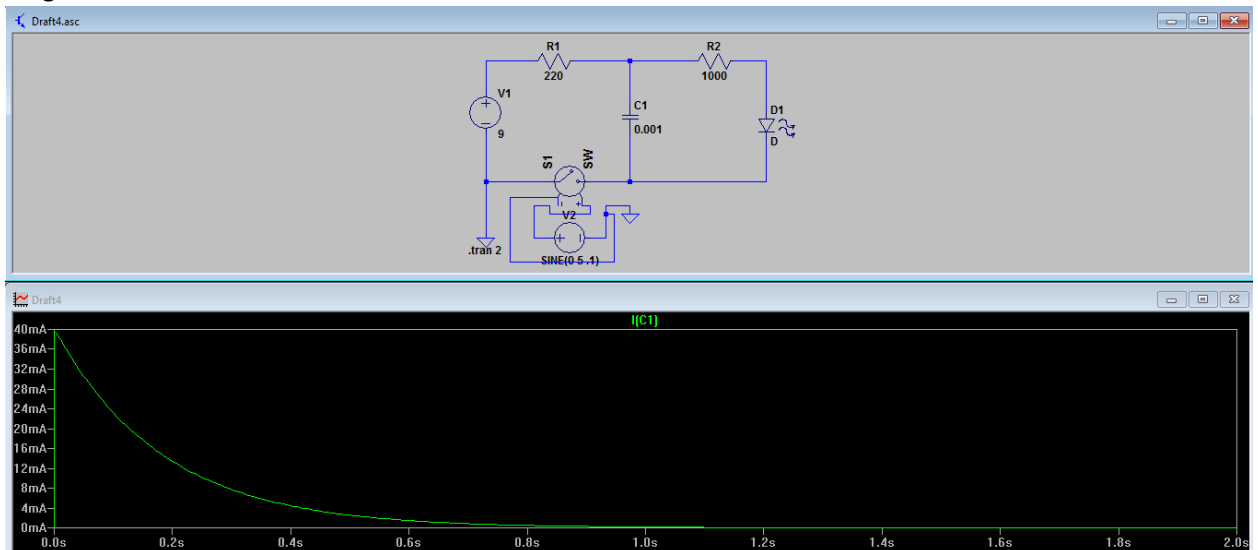
1st November 2016

Lab 9

Section 1:

Analysis of Experiment 1

1. The 1000microFarrad capacitor and the 220ohm resistor.
2. Stage 1 Current = 40mA to 0mA
Stage 2 Current = 0mA
Stage 3 Current = 40mA to 0mA



Analysis of Experiment 2

	Single Capacitor Circuit	Series Capacitor Circuit	Parallel Capacitors Circuit
Capacitor1 Value	1000microFarrad	1000microFarrad	1000microFarrad
Capacitor2 Value	N/A	1000microFarrad	1000microFarrad
Capacitance Total	1000microFarrad	500microFarrad	2000microFarrad
Time for LED to turn off after switch open	10 seconds	7 seconds	45 seconds

Section3

