

# SCI 102 Electricity - Part I: Concepts of Electricity - Fall 2012

**Instructor:** Dr. Gary J. Pascuzzo

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Office Hours: Tuesdays & Thursdays, 8:00-9:00am & 5:00-6:00pm, and by appointment

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**Required Text:** *SCI102 Part I: Concepts of Electricity* available at Dynamic Student Services Bookstore

## Schedule

Date	Subject	Text Sections
Aug 28	Introduction, Batteries & Bulbs	E1.1 - 1.5
Aug 30	Batteries & Bulbs	E1.6 - 1.8
*Sept 4	Obstacleness & Oomph	E2.1 - 2.3
Sept 6	Capacitors	E3.1 - 3.3
*Sept 11	Electric Charge	E4.1 - 4.3, 4.6, 4.7
Sept 13	Batteries, Bulbs & Capacitors	E5.1, 5.2, 5.4
*Sept 18	Charge vs Fluid Model, Ohm's Law	E5.3
Sept 20	Physics "Fun Day" Review	
Sept 25	Physics Final Exam	

**Grading:** There will be 3 Journals (worth 10 points each), 4 unannounced Quizzes (10 points each), and a Final Exam (30 points).

**\*Journals Are Due:** These are your observations, hypotheses, data and assignments for the previous week's labs. They can be written out by hand or printed from a word processor - usually from 2 to 4 pages in length - and are due on a Tuesday. For instance, Journal #1 covers the first week's labs (Aug 28 & 30) and is due on Tuesday, Sept 4.