

# SCI 102 Electricity - Part I: Concepts of Electricity - Spring 2013

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

Office: Merion 102, phone ext. 6932

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

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

## Schedule

We will meet on Tuesday (T) and Thursday (R) in Merion 109

Date	Subject	Text Sections
T Jan 29	Introduction, Batteries & Bulbs	E1.1 - 1.5
R Jan 31	Batteries & Bulbs	E1.6 - 1.8
*T Feb 5	Obstacleness & Oomph	E2.1 - 2.3
R Feb 7	Capacitors	E3.1 - 3.3
*T Feb 12	Electric Charge	E4.1 - 4.3, 4.6, 4.7
R Feb 14	Batteries, Bulbs & Capacitors	E5.1, 5.2, 5.4
*T Feb 19	Charge vs Fluid Model, Ohm's Law	E5.3
R Feb 21	Physics "Fun Day" Review	
T Feb 26	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 two labs. They can be written out by hand or printed from a word processor - usually from 2 to 4 pages in length. For instance, Journal #1 covers the first week's labs (Jan 29 & 31) and is due on Tuesday, Feb 5.