

SCI 102 Electricity - Part I: Concepts of Electricity - Fall 2015

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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 the Sykes Bookstore but put together by Dynamic Student Services

Schedule

Date	Subject	Text Sections
Aug 25	Introduction, Batteries & Bulbs	E1.1 - 1.5
Aug 27	Batteries & Bulbs	E1.6 - 1.8
*Sept 1	Obstacleness & Oomph	E2.1 - 2.3
Sept 3	Capacitors	E3.1 - 3.3
*Sept 8	Electric Charge	E4.1 - 4.3, 4.6, 4.7
Sept 10	Batteries, Bulbs & Capacitors	E5.1, 5.2
*Sept 15	Charge vs Fluid Model, Ohm's Law	E5.3, 5.4
Sept 17	Physics "Fun Day" Review	
Sept 22	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 25 & 27) and is due on Tuesday, Sept 1.