GENERAL PHYSICAL SCIENCE LAB (PS109L) 1credit

Fall 2014

INSTRUCTOR: Dr. Richard Bady

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COURSE DESCRIPTION: Labs to accompany PS 109, the Co-requisite

COURSE NEEDS: PS109 Lab Manual

Calculator, Protractor and magnetic compass (all available in bookstore)

PROCEDURES

* Labs are self-explanatory; you can start as soon as you arrive. Do what the lab book says, get an answer, then compare to others’ answers and discuss. Some answers are on the table in front of the BB. Discussion is GOOD! Talk to others a lot!
* Work in pairs, but be sure that YOU can do everything BY YOURSELF! (On the tests, you will work alone!)
* When finished: Pick up the report before you leave. This is what you will turn in. The lab book is for you to take notes. Lab reports are due Saturday at 5:00-turn in in box outside lab.
* Next week, when you come in, first thing: Pick up your lab report and check answers with key posted on bulletin board.
* It will make things easier if you read through the lab carefully before coming to class.
* Reports handed in after assigned time will lose one point (out of 10). Reports will not be accepted after the next class meeting.
* Make-ups are difficult to arrange, so try not to miss a lab! It is OK to attend a different lab section if you tell me ahead of time.
* You must do the lab before you can turn in a report.

GRADING: %-A %-B %-C %-D

WEIGHTINGS: Regular Lab Reports: 30% Astronomy Labs: 10%

First exam: 30% Second exam 30%

TESTS

Two tests of equal weight: first one half way through, second one during finals week. You will have to actually DO some of the things you did in lab—with no lab partner to help you.

OUTDOOR ASTRONOMY LABS

You will do sun and night sky observations on your own, and also activities using a computer simulation of the sky.