COURSE INFORMATION

INSTRUCTOR: Scott Wissink, Prof. of Physics (Experimental nuclear)
Office – Swain West 206               Tel. 855-9748
Lab – IU Cyclotron 181                Tel. 855-5192
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OFFICE HOURS: Wednesday 1:30 – 3:30 pm, or by appointment (usually at IUCF)

GRADER: To be announced ... but probably me

LABORATORY: Class will meet Thursday, 1:25 pm – 5:30 pm, SW 125

TEXT BOOKS: There are no required texts for this course; however, for each experiment you carry out, you will need to consult several reference sources in advance. Some useful books are listed on a separate page, and can be found in the lab or in the Swain Hall Library, but learning how to find needed information in the literature is a skill you should develop now.

LOG BOOKS: While performing your experiments, all relevant information should be recorded in a personal, bound log-book. These can be purchased at the IU Bookstore (type #43-64x) or other stores around town. Details on keeping a proper log are given in “General Instructions.”

LAB REPORTS: For some of your experiments (typically three), you will be required to produce a formal report on your results, similar in many respects to the type of document that would be submitted to a professional journal for publication. For more information, see the sample guide on how to write a research report.

ATTENDANCE: Normal lab hours are given above. Keys will be handed out so that you can work in the lab at other times, but it is expected that you will attend class on Thursday afternoons.

COURSE GRADE: The method of assigning grades in an advanced course must remain fairly flexible, but as an approximate rule-of-thumb: 1/3 of your grade will be based on your log book; 1/3 on your written reports; and 1/3 will reflect my assessment of your in-lab performance and level of initiative.

WEB SITE: http://www.physics.indiana.edu/~wissink/p551.html