

Tentative Syllabus for Physics 321DS: Spring 2013
Topic: Ferroelectric Crystal Growth, Glass Preparation and experimentation

Professor: Dr. Stuart Hutton
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To access the Physics Gateway: <http://hutton.lyon.edu>

**During class periods and during tests:
cell phones are to be switched off.**

Office Hours

I will schedule several office hour blocks. I will be very close to my office during these times. Otherwise, I will usually be close to my office. If you want to find me outside of office hours, make an appointment so that you will be sure to find me. My schedule is located on the physics home page which you may review to determine office hours.

Grading

As a general guide to grades, grades will be assigned as follows:

100-90]	(90-80]	(80-70]	(70-60]	<(60
A	B	C	D	F

You are required in this course to spend 1 hour minimum in documented research time for each credit hour of the course per week for a minimum of 12 weeks. Electronically pledged weekly progress reports will count for 60% of your grade. These will be due each Friday as indicated on the schedule.. You will want to keep a record documenting this laboratory effort as the course progresses since this comprises 21% of your grade for 12 events. You will also be required periodically to provide me with oral progress reports which will count for 10% of your grade. At the end of the course, a report and a presentation are required for a total of 9% of your grade. The various credit percentages are allocated as follows:

**Weekly electronic pledged progress reports:60% total
10 total (each report is worth 6 points for a total of 60%)**

**Oral discussions of research (with me):10% total
5 total (each discussion is worth 2 points or a total of 10%)**

**Documented significant laboratory effort: 21% total
(documented lab effort for 12 events, each documented effort is worth 1.75%)**

**Final report and notebook presentation: 9% total
(9%: report is worth 4.5%, presentation is worth 4.5%)**

Course Objectives and Prerequisites
PHY 321 INDEPENDENT STUDY / 1-3 credits

Directed study on an individual basis covering topics from advanced physics. Prerequisite: PHY 210/240, PHY 220/250 and permission of the instructor. Course may be repeated for up to 3 credits.

Attendance

The Lyon College Catalogue for 2011-2012 states:

Students are expected to attend all class periods for the courses in which they are enrolled. They are responsible for conferring with individual professors regarding any missed assignments. Faculty members are to notify the Registrar when a student misses the equivalent of one, two, three, and four weeks of class periods in a single course. Under this policy, there is no distinction between "excused" and "unexcused" absences. A reminder of the college's attendance policy will be issued to the student at one week, a second reminder at two weeks, a warning at three weeks, and notification of administrative withdrawal and the assigning of an "F" grade at four weeks. Students who are administratively withdrawn from more than one course will be placed on probation or suspended (see Academic Probation and Academic Suspension).

Academic Honesty

It is expected and encouraged that students in this class will work together on homework problems. If you use reference work, be sure to include proper references. On tests, students are required to keep notes and books closed except as instructed. **Your professor will supply all the paper needed for the tests.** Any questions during tests should be directed to the professor only. **CELL PHONES AND OTHER WIRELESS OR NETWORKED DEVICES (INCLUDING COMPUTERS) MAY NOT BE USED DURING TESTS.** If you do use such devices during a test, it will automatically be considered to be a violation of the Lyon College Honor Code.

All graded work in this class is to be pledged in accordance with the Lyon College Honor Code.

"Students seeking reasonable accommodations based on documented learning disabilities must contact the Dean of the Faculty at (870) 307-7332."

Withdrawal Deadlines

Last day to drop with no record of the course is 22 January 2013.

Last day to drop with a W is 18 March 2013.