Hi Tiffany,

Here's my syllabus from canvas:

Physics 290: "Foundations of Physics Laboratory"

**Instructor:** Eric Corwin - <ecorwin@uoregon.edu>

**Office Hours (Wil 374):** Fridays 2-3pm, or by appointment

**GTF Contact Information and Office Hours:** same as for Physics 250

**Lectures:** Tuesdays 10-10:50am in Wil 110

**Lab Sections:** Thursdays 10-11:50, 12-1:50, 2-3:50, or 5-6:50

**Overview:** The natural world is fundamentally knowable. But that doesn't mean that it is easy or straightforward to do so. In this course we will start you on your path to becoming a scientist. In this course we will strive to address questions that we don't know how to answer. This course is taught as a companion to the Foundation in Physics I sequence (Phys 251-253). While this course is designed to support the material presented in Physics 251, this laboratory course is a separate class with separate goals.

**Course Goals:**

1. Learn how and why we make measurements to learn about the natural world.
2. Investigation by inquiry. Devise experiments to answer fundamental questions.
3. Understand the role of error, noise, and randomness in limiting our knowledge of the world.
4. Think critically and quantitatively about the world around us.

**Lecture Format:** Lectures will provide an opportunity to learn about and discuss the issues that will be faced in the lab as well as provide the necessary mathematical and technical background to engage in the laboratory inquiry.

**Laboratory Format:**

- In groups, ideally 3 people per group, perform the measurement or experiment.
- Individually, record your measurements and results as you are taking them. Lab reports should be clearly written and in paragraph form. Reports should describe any necessary background, the measurements made, experiments performed, and calculations done. Every measurement must be accompanied by a discussion of and estimation of the associated error.
- Turn in report at the end of the lab session.
Labs will each be given a letter grade (A,B,C,D,F)

Lab Attendance:
Attendance at every lab section is essential. However, if you must miss lab you must inform the instructor by e-mail in advance of the missed lab and work out a suitable make-up plan. You are allowed to make up a maximum of one lab during the term.

Course Grade:
20% - Lab participation
80% - Lab reports

Student Conduct: Mutual respect in class is paramount. Academic Misconduct, as defined in the Student Conduct Code, including cheating, fabrication, facilitating academic dishonesty, and plagiarism, devalues the reputation of our institution, its faculty, its students, and the degrees we offer. Moreover, academic misconduct is particularly unfair for the students who do their work with integrity and honor. Violations of the student conduct code result in the incident being included on your student conduct record and can result in a failing grade on any course work related to the violation or a failing grade in the course. Every effort will be made in this class to deter dishonesty through classroom procedures. Suspected academic dishonesty will be reported.

Special Accommodations: The AEC (Accessible Education Center) exists to help students achieve access to educational resources. If you have a disability but are not registered with AEC, you should contact them as soon as possible (http://aec.uoregon.edu). If you anticipate needing special accommodation in Physics 290 please contact me as soon as possible so we may discuss your situation.

On Tue, Sep 25, 2018 at 2:48 PM Tiffany Stewart <tiffany@uoregon.edu> wrote:

Hello,

We are in the process of gathering course syllabi for fall term; can you please forward these to me via e-mail? This is especially important for 100 & 200 level courses where we are often contacted to supply this information for our students who are working with other institutions to establish transfer credits.

Regards,
Tiffany Stewart
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