

## PHYSICS

### 29:008 Basic Physics – Laboratory

**TA:** Justin Parsons  
**Office:** 5AC-A Van Allen Hall  
**Office Hours:** 1:30 – 3:30 p.m. , Wednesday  
Although you can always call, email, or attend tutorial hours and I will be happy to help you.  
**Phone:** (319)335-1839  
**E-mail:** justin-parsons@uiowa.edu  
**Lab Manual:** *Laboratory Manual for Basic Physics 29:008*,  
UI Department of Physics and Astronomy  
**Lab Section:** 29: 012: 023 Tuesday 1:30-4:20 PM Room 361  
**Laboratory:** Attendance is required. A pre-lab and a lab report are required for each lab.

#### Lab Schedule:

<b>W e e k</b>	Jan. 21	Jan. 28	Feb. 4	Feb. 11	Feb. 18	Feb. 25	March 3	March 10
<b>L a b</b>	No Lab	No Lab	A1	M3	A2	No Lab	M5	H2

<b>W e e k</b>	March 17	March 24	March 31	Apr. 7	Apr. 14	Apr. 21	Apr. 28	
<b>L a b</b>	No Lab	H3	No Lab	A4	E3	E5	S1	

#### Laboratory Organization:

Beginning of period: your answers to the pre-laboratory questions will be collected  
First 20-30 minutes: discuss lab, explain apparatus and procedure  
Rest of lab: perform lab and write lab report  
End of period: turn in lab report

\*ID for instruments

***\*Do not load any software on the PC or change PC settings***

\*Turn off the apparatuses after use

\*Clean up the lab bench before you leave. I will check your lab bench before I give you any credit for clean up.

### **Tutorial:**

The physics tutorial is located in room 54 VAN –the hours it is open are posted on the door or go to <http://www.physics.uiowa.edu/ptutorial.html>

*I have tutorial hours on Wednesday and Thursday from 3-5PM.*

### **Complaint Procedures:**

“Academic Misconduct” and “Student Complaints Concerning Faculty Actions” procedures are available for you review in the Schedule of Courses, pg.40. The Associate Chair of the Department, Professor Craig Kletzing, can be contacted through the main office -203 VAN. As stated in the procedures noted above, complaints or comments regarding TA’s should first be directed to the instructor.

### **Makeup Labs:**

Students are not allowed to attend sections they are not registered for (makeup labs) except under the following conditions.

1. The student must have the permission from the professor, both TAs involved, and, for physics labs, the laboratory coordinator. Permission must be requested at least one week in advance except in the case of an emergency.
2. No student can go into a section that is already full.
3. No more than one “visiting” student in any lab section at a time.

Permission is not automatic and may be denied due to lack of equipment, experiments requiring close TA scrutiny, or other circumstances.

As stated in the University’s Course Exam Schedule Conflict Policies: “When there is a conflict between an exam scheduled outside of class time and a regularly scheduled course, the regularly scheduled course will take precedence.” It is up to the instructor of an exam scheduled outside regular class hours to arrange a makeup exam for the students who have a schedule conflict.

### **Students with Disabilities:**

I need to hear from anyone who has a disability, which may require some modification of seating, testing or other class requirements so that appropriate arrangements may be made. Please see me after class or during my office hours.

### **Lab Tips:**

1. Read the lab beforehand. It may seem boring, but it will enable you to work more efficiently during lab. That is important as most of these labs run about three hours.
2. if you get stuck: a) Stop and think about what you are doing. b) Read the manual. There are detailed instructions that cover most aspects of the lab. c) Do not hesitate to ask me for help.
3. Do the labs neatly; you will score better.
4. Do not hesitate to ask questions.

