

## Beginning-of-Class Survey (PHY 451 Adv Labs)

Name (Last, First):

E-mail address:

Name you want me to call you (spell out phonetically if non-obvious how to pronounce):

1. Major(s):
2. Year: 3<sup>rd</sup> \_\_\_\_\_, 4<sup>th</sup> \_\_\_\_\_, 5<sup>th</sup> \_\_\_\_\_, Other (Specify) \_\_\_\_\_
3. Do you satisfy the prerequisite for this course?

When did you take the course? Circle the course(s)

- \_\_\_\_\_ PHY 183A or PHY 184 or PHY 184B or PHY 234B or PHY 294H  
\_\_\_\_\_ PHY 192  
\_\_\_\_\_ PHY 215 or PHY 215B  
\_\_\_\_\_ PHY 440 or PHY 431  
\_\_\_\_\_ Completion of Tier I writing requirement.

If you do not satisfy the prerequisite, you may still be permitted to take the course, but need to meet with me soon to discuss this.

4. Anything else you think I should know about you? Any special request(s)?
5. Anything you want to know about me or the course?
6. What do you know about “experimental physics”?  
Define “experimental physics” in your own terms.

Name two or three more modern physics experiments that you are familiar with or would like to learn more about.

Name two or three topics in the area of experimental physics that you are most interested in exploring this semester.

7. How familiar are you with “Waves”, and “Electromagnetic Waves”? (eg. Can you give examples or even write down a mathematical description?)
  
  
  
  
  
  
  
  
  
  
8. How familiar are you with “Quantum”, and “Quantum Mechanics”? (eg. Can you give examples or even write down a mathematical description?)
  
  
  
  
  
  
  
  
  
  
9. Have you worked on group projects before? If so, what role(s) did/have you played? Do you have any concerns regarding group projects?
  
  
  
  
  
  
  
  
  
  
10. Rank the learning styles on a scale of most (10) and least (0) like you. Feel free to provide further details about your learning style.  
Collaborative \_\_\_\_\_ Participant \_\_\_\_\_ Independent \_\_\_\_\_  
Cooperative \_\_\_\_\_ Competitive \_\_\_\_\_ Innovative \_\_\_\_\_
  
  
  
  
  
  
  
  
  
  
11. In view of all you’ve considered while working on this survey, what are your expectations for this course? What do you hope to get from taking this class?