

**IMPORTANT: Course materials will become available one week before the start of the session. You are encouraged to start early, effectively extending the length of the winter session.**

**Instructor: Dr. H. Luo**

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**Online TA: Tenzin Norden**

Email: [tenzinno@buffalo.edu](mailto:tenzinno@buffalo.edu) (use PHY102 as the Subject of the email)

### **Textbook**

*College Physics* by Serway & Vuille, 10<sup>th</sup> Edition. The book is available at the University bookstore. The bookstore may ask you to buy a clicker, because this is used for classroom courses. **You DO NOT need the clicker for the online course.**

### **Communication**

All emails should have PHY102 as the Subject. Otherwise they will not be answered.

Because this is an online course, paying attention to on-line announcements, either at UBLearn or by email, is critical.

Homework problems will not be discussed via email, because it is not effective and both your questions and our answers can be confusing in a text form. Use office hours instead, because it is interactive.

### **Lecture Videos**

Lectures will be in the form of taped lectures, which you can view at your own time. They are at UBLearn under Course Documents.

### **Recitation**

Recitation will be conducted online. You will be given instructions concerning how to login to the website for on-line recitations. Recitation schedule will be posted in UBLearn.

### **Office Hours**

Office Hours will be online, intended for better understanding of the materials, homework assignments or any other question you may have. Office hours schedule will also be posted in UBLearn.

### **Laboratory**

Laboratory is a separate course, PHY 152, which you can take together with this course if you are in Buffalo. You do not have to take it for the purpose of this course, but it may be required by your program. For UB students not at UB during the summer, the lab can be taken at a time when you are on campus. If you attend another university, you can take it at your university. If your university does not offer the lab as a separate course, find a university/college near you that does.



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catalog.buffalo.edu/0203/undergraduateeducation/strights.shtml). In particular, please note that giving or receiving aid on an exam or any act of academic dishonesty is cause for an F for the course and dismissal from the University.

**Students with Disabilities**

If you have a disability of any kind that would require special accommodations, please contact the Office of Disability Services, 25 Capen Hall.

**Suggestions**

The goal of this course is to understand and apply the laws of physics to solve practical problems. Here are some suggestions that may help you attain this goal:

- Be on time with everything—the single most important item for doing well in this course.
- Solve the homework problems independently, without help or the book, at least once, even if it is after you discussed the problems with instructors or other students.
- Use office hours and recitation as much as you have time for, because you can ask any question you may have. They are designed to serve as a tutor.
- If you have a problem with any aspect of the course, seek help from the instructors/TA no later than the first exam. The earlier, the better. There are usually no good options when it gets close to the time of the final exam.

**Course Schedule:**

|   |                      |
|---|----------------------|
| <b>Homework 1 - CH15 and CH16</b>                       | Jan. 6 10:00 PM EST  |
| <b>Homework 2 – CH17 and CH18</b>                       | Jan. 9 10:00 PM EST  |
| <b>Homework 3 – CH19 and CH20</b>                       | Jan. 11 10:00 PM EST |
| Jan. 12 – Midterm exam : Chapters 15-20                 |                      |
| <b>Homework 4 – CH21 and CH22</b>                       | Jan. 14 10:00 PM EST |
| <b>Homework 5 – CH23, CH24, CH25</b>                    | Jan. 18 10:00 PM EST |
| <b>Homework 6 – CH26, CH27 and CH28</b>                 | Jan. 22 10:00 PM EST |
| Jan. 23 – Final exam: Chapters 15-28 (21-28 emphasized) |                      |

**Exam Locations (You have to sign up with the center because they are NOT walk-in testing centers)**

Listed here are instructions for what you should do in picking exam locations. Some schools are listed at the end, only as a reference, with some information when available, which may not be up to date.

| City/Location                         | Name of Institution  | Department contact                            | Contact phone number                   | Fee                  |
|---------------------------------------|--|---|--|----------------------|
| <b>Buffalo</b>                        | <b>UB</b>  | <b>Location will be announced at UBlearns</b> |  | <b>No charge</b>     |
| <b>Anywhere else in North America</b> | Any testing facility in a university in north America that YOU can arrange and | You need to provide us with the contact info  | You need to provide to us for approval | Per your arrangement |



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|                              | have us approve it before the deadline for dropping the class.<br><u>Make sure they are open at the times of our scheduled exams listed in this syllabus</u> | (the person who agreed to the arrangement and email address) and the time  |  |                          |
| <b>Outside North America</b> | Any testing facility certified to administer US exams, such as GRE and TOEFL, any time on the calendar days listed above, local time.                        | You need to provide us with the contact info (the person who agreed to the arrangement and email address) and the time | You need to provide to us for approval | Per your arrangement     |
| <b>Corning, NY</b>           | Corning Community College  | Michele York   | 607-962-9457<br>607-937-6881           | \$25                     |
| <b>New York City</b>         | Long Island University - Brooklyn Campus   | Nicole Sanchez   | (718)488-1392                          | \$30                     |
|                              | Nassau Community College   | Email address  | 516 572-9604                           | \$20.00 per Hour         |
|                              | Brooklyn College - CUNY  | A. Renee Beasley   | (718) 951-5916                         | \$25.00 per 2 Hours      |
|                              | Alliance Computing Solutions   | Yun Feng   | (718) 661-9771                         | \$30.00 per 3 Hour Block |
| <b>Rochester</b>             | Onondaga Community College   | Michael Heise  | (315) 498-2803                         | \$25 as per website      |

More sites recently used.

|                    |  |                   |  |                |
|--------------------|--|-------------------|--|----------------|
| Bronx, NY          | Monroe College Testing Center              | Jillian Scott     | <a href="mailto:bxtestingcenter@monroecollege.edu">bxtestingcenter@monroecollege.edu</a> | 646-393-8266   |
| Albany, NY         | SUNY Albany                                | Carolyn Malloch   | <a href="mailto:cmalloch@albany.edu">cmalloch@albany.edu</a>                             | 518-442-5490   |
| Binghamton, NY     | SUNY Binghamton                            | Birgit Nicolaisen | <a href="mailto:birgit@binghamton.edu">birgit@binghamton.edu</a>                         | 607-777-4814   |
| Middletown, NY     | SUNY Orange                                | Daniel Stockton   | <a href="mailto:danielstockton@sunyorange.edu">danielstockton@sunyorange.edu</a>         | 845-341-4890   |
| Oakdale, NY        | Dowling College Learning Center            | Mike Imprixis     | <a href="mailto:imprixip@dowling.edu">imprixip@dowling.edu</a>                           | 631-244-3246   |
| Potsdam, NY        | SUNY Potsdam' office of extended education | Katie Logan       | <a href="mailto:logankm@potSDam.edu">logankm@potSDam.edu</a>                             | 315-267-2166   |
| San Francisco, CA  | San Francisco State University             | Cybele Lyle       | <a href="mailto:testing@sfsu.edu">testing@sfsu.edu</a>                                   | 415-338-2271   |
| Danbury, CT        | Western Connecticut State University       | Oni Figueroa      | <a href="mailto:FiguroaO@wcsu.edu">FiguroaO@wcsu.edu</a>                                 | 203-837-8415   |
| St. Petersburg, FL | St. Petersburg College                     | Moises Venouziou  | <a href="mailto:venouziou.Mo@spcollege.edu">venouziou.Mo@spcollege.edu</a>               | 727-686-3565   |
| Salem, OR          | Chemeketa Community College                | Linda Abundis     | <a href="mailto:testing@chemeketa.edu">testing@chemeketa.edu</a>                         | 503-399-6556   |
| Poughkeepsie, NY   | Dutchess Community College                 |                   | <a href="mailto:dccproctor@sunydutchess.edu">dccproctor@sunydutchess.edu</a>             | (845) 431-8090 |

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| Auburn, NY        | Cayuga Community College          | Vicki Hamberger    | <a href="mailto:hambergerv@cayuga-cc.edu">hambergerv@cayuga-cc.edu</a> | 315-594-8593   |
| Pleasantville, NY | Pace University (Westchester)     |                    |  |                |
| Viola, NY         | SUNY Rockland, RCC Testing Center | Sheila Paris       | <a href="mailto:sparis@sunyrockland.edu">sparis@sunyrockland.edu</a>   | (845) 574-4504 |
| Phoenix, Arizona  | Phoenix College Testing Services  | Johanna Montgomery |  | 602-285-7844   |
| Winston-Salem, NC | CapEd Educational Group           | Robert Capizzi     | <a href="mailto:cap-ed@cap-ed.com">cap-ed@cap-ed.com</a>               | (336) 721-4275 |