IMPORTANT: Course materials will become available right after Christmas. You are encouraged to start early, effectively extending the length of the winter session.

Instructor: Dr. H. Luo
Office: 126 Fronczak Hall
Phone: (716) 645-2539
Email: luo@buffalo.edu (use PHY102 as the Subject of the email)
Online TA: Arabchigavkani, Nargess, Email: nargessa@buffalo.edu (use PHY102 as the Subject of the email)

Textbook
College Physics by Serway & Vuille, 9th Edition (Cengage Learning, 2011). 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 UBlearns 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.

Lectures
Lectures will be in the form of taped lectures, which you can view at your own time. Instruction for viewing the lectures will be given to you before class starts.

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 UBlearns.

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 UBlearns.

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.

Homework
Problems chosen from the problem section of each chapter and related problems are assigned
each week. You will do your homework via the web based system WebAssign, available at http://www.webassign.net. You will need to purchase an access code before the trial period ends. If you are buying a new textbook at the UB bookstore, the access code may be bundled with the book. Please check UBlearns course webpage for login instructions. If you find problems with the operation of WebAssign, please contact their support personnel at 800 955-8275, 9 a.m. - 5 p.m. (M-F), or email support@webassign.net, 9 a.m. - 9 p.m. (M-F). Each assignment has a due time and date. **No time extension will be given.** To avoid unexpected emergencies, please use the week before the due time to submit it.

**Examinations**

Exams will be offered at UB and other campuses to minimize driving. Most testing centers charge a fee for taking the exam there. Instructions for picking a location can be found at the end of this syllabus. If you intend to take the exams at a location other than UB, you will be responsible for making the arrangement. Please inform the TA one week ahead of the exam time for approval, because not all testing centers are considered acceptable. Also it takes time for us to coordinate with the testing centers, including sending them the exams. Because of the number of campuses involved, there will be no makeup exams. Make sure to give yourself sufficient time to arrive on time, especially if you have not been there before, so that you will have the full scheduled times for the exams. A scouting trip ahead of time is recommended.

- **Midterm Exam**
  - Tuesday, Jan. 13, 1:00 pm—2:50 pm (EST)

- **Final Exam**
  - Thursday, Jan 22, 1:00 pm—2:50 pm (EST)

Exams will consist of multiple choice questions. All exams are strictly closed-book. You can, however, bring **ONE** formula sheet (**two-sided, 8.5x11 inches**) with you. Other than calculators, no electronic devices are allowed. Cell-phones have to be switched off. In order for the exam to be accepted you must present a valid Student ID Card (**Driver’s License if you are not a UB student**) at the time of the exam.

**Grading**

The final grade will be computed as follows:

- **Mid-term Exam**
  - 35%
- **Final Exam**
  - 45%
- **Homework (Webassign)**
  - 20%

An **Incomplete** grade can only be requested by students who are at **passing level before the final exam** and are unable to finish the course due to an emergency. No request will be accepted after the final exam.

**Statement on Academic Integrity**

Academic integrity is a core value underlying all scholarly activity at UB. You should familiarize yourself with the Undergraduate School’s academic integrity policy (see http://undergradcatalog.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:

| Homework 1 - CH15 and CH16 | Jan. 7 10:00 PM EST |
| Homework 2 – CH17 and CH18 | Jan. 10 10:00 PM EST |
| Homework 3 – CH19 and CH20 | Jan. 12 10:00 PM EST |
| Jan. 13 – Midterm exam: Chapters 15-20 | |
| Homework 4 – CH21 and CH22 | Jan. 15 10:00 PM EST |
| Homework 5 – CH23, CH24, CH25 | Jan. 19 10:00 PM EST |
| Homework 6 – CH26, CH27 and CH28 | Jan. 21 10:00 PM EST |
| Jan. 22 – Final exam: Chapters 15-28 (21-28 emphasized) | |

Exam Locations
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.

<table>
<thead>
<tr>
<th>City/Location</th>
<th>Name of Institution</th>
<th>Department contact</th>
<th>Contact phone number</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buffalo</td>
<td>UB</td>
<td>Location will be announced at UBleans</td>
<td></td>
<td>No charge</td>
</tr>
<tr>
<td>Anywhere else in North America</td>
<td>Any testing facility in a university in north America that YOU can arrange and have us approve it before the deadline for dropping the class. Make sure they are open at the times of our scheduled</td>
<td>You need to provide us with the contact info (the person who agreed to the arrangement and email address) and the time</td>
<td>You need to provide to us for approval</td>
<td>Per your arrangement</td>
</tr>
<tr>
<td>Outside North America</td>
<td>Corning, NY</td>
<td>New York City</td>
<td>Nassau Community College</td>
<td>Brooklyn College - CUNY</td>
</tr>
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</tr>
<tr>
<td>Any testing facility certified to administer US exams, such as GRE and TOEFL, any time on the calendar days listed above, local time.</td>
<td>Corning Community College</td>
<td>Long Island University - Brooklyn Campus</td>
<td>Email address</td>
<td>A. Renee Beasley</td>
</tr>
<tr>
<td></td>
<td>Michele York</td>
<td>Nicole Sanchez</td>
<td>516 572-9604</td>
<td>(718) 951-5916</td>
</tr>
<tr>
<td></td>
<td>607-962-9457</td>
<td>(718)488-1392</td>
<td>$20.00 per Hour</td>
<td>$25.00 per 2 Hours</td>
</tr>
<tr>
<td></td>
<td>607-937-6881</td>
<td></td>
<td></td>
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</table>

More sites recently used.

<table>
<thead>
<tr>
<th>Rochester, NY</th>
<th>Monroe College Testing Center</th>
<th>Jillian Scott</th>
<th><a href="mailto:bxtestingcenter@monroecollege.edu">bxtestingcenter@monroecollege.edu</a></th>
<th>646-393-8266</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albany, NY</td>
<td>SUNY Albany</td>
<td>Carolyn Malloch</td>
<td><a href="mailto:cmalloch@albany.edu">cmalloch@albany.edu</a></td>
<td>518-442-5490</td>
</tr>
<tr>
<td>Binghamton, NY</td>
<td>SUNY Binghamton</td>
<td>Birgit Nicolaisen</td>
<td><a href="mailto:birgit@binghamton.edu">birgit@binghamton.edu</a></td>
<td>607-777-4814</td>
</tr>
<tr>
<td>Middletown, NY</td>
<td>SUNY Orange</td>
<td>Daniel Stockton</td>
<td><a href="mailto:danielstockton@sunyorange.edu">danielstockton@sunyorange.edu</a></td>
<td>845-341-4890</td>
</tr>
<tr>
<td>Oakdale, NY</td>
<td>Dowling College Learning Center</td>
<td>Mike Imprixis</td>
<td><a href="mailto:imprixip@dowling.edu">imprixip@dowling.edu</a></td>
<td>631-244-3246</td>
</tr>
<tr>
<td>Potsdam, NY</td>
<td>SUNY Potsdam' office of extended education</td>
<td>Katie Logan</td>
<td><a href="mailto:logankm@potsdam.edu">logankm@potsdam.edu</a></td>
<td>315-267-2166</td>
</tr>
<tr>
<td>San Francisco, CA</td>
<td>San Francisco State University</td>
<td>Cybele Lyle</td>
<td><a href="mailto:testing@sfsu.edu">testing@sfsu.edu</a></td>
<td>415-338-2271</td>
</tr>
<tr>
<td>Danbury, CT</td>
<td>Western Connecticut State University</td>
<td>Oni Figueroa</td>
<td><a href="mailto:FigueroaO@wcsu.edu">FigueroaO@wcsu.edu</a></td>
<td>203-837-8415</td>
</tr>
<tr>
<td>St. Petersburg, FL</td>
<td>St. Petersburg College</td>
<td>Moises Venouziou</td>
<td><a href="mailto:venouziou.Mo@spcollege.edu">venouziou.Mo@spcollege.edu</a></td>
<td>727-686-3565</td>
</tr>
<tr>
<td>Salem, OR</td>
<td>Chemeketa Community College</td>
<td>Linda Abundis</td>
<td><a href="mailto:testing@chemeketa.edu">testing@chemeketa.edu</a></td>
<td>503-399-6556</td>
</tr>
<tr>
<td>Poughkeepsie, NY</td>
<td>Dutchess Community College</td>
<td>Linda Abundis</td>
<td>dccproctor@suny dutchess.edu</td>
<td>(845) 431-8090</td>
</tr>
<tr>
<td>Auburn, NY</td>
<td>Cayuga Community College</td>
<td>Vicki Hamberger</td>
<td><a href="mailto:hambergerv@cayuga-cc.edu">hambergerv@cayuga-cc.edu</a></td>
<td>315-594-8593</td>
</tr>
<tr>
<td>Pleasantville, NY</td>
<td>Pace University (Westchester)</td>
<td>Ann Henning</td>
<td><a href="mailto:ahenning@mkmg.com">ahenning@mkmg.com</a></td>
<td></td>
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### PHY 102 GENERAL INFORMATION Winter 2015

<table>
<thead>
<tr>
<th>Location</th>
<th>Institution</th>
<th>Contact Name</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viola, NY</td>
<td>SUNY Rockland, RCC Testing Center</td>
<td>Sheila Paris</td>
<td><a href="mailto:sparis@sunyrockland.edu">sparis@sunyrockland.edu</a></td>
<td>(845) 574-4504</td>
</tr>
<tr>
<td>Phoenix, Arizona</td>
<td>Phoenix College Testing Services</td>
<td>Johanna Montgomery</td>
<td></td>
<td>602-285-7844</td>
</tr>
<tr>
<td>Winston-Salem, NC</td>
<td>CapEd Educational Group</td>
<td>Robert Capizzi</td>
<td><a href="mailto:cap-ed@cap-ed.com">cap-ed@cap-ed.com</a></td>
<td>(336) 721-4275</td>
</tr>
</tbody>
</table>