

Physics 170, Spring 2018, Course Syllabus

Instructor: Dr. Matthew M. Waite, Merion 133, ext: 2573, mwaite@wcupa.edu

The best way to contact me is via e-mail. But, be aware that **I will only read and respond to e-mails written in proper English, with correct grammar, spelling, and etiquette.** Do not send me any e-mails addressed to “hey” written in text-speak like you’re talking to your roommate about meeting up at Barnaby’s tonight... I might meet up for happy hour, but I won’t answer any questions about class or homework!

It is expected that faculty, staff, and students activate and maintain regular access to University provided e-mail accounts. Official university communications, including those from your instructor, will be sent through your university e-mail account. You are responsible for accessing that mail to be sure to obtain official University communications. Failure to access will not exempt individuals from the responsibilities associated with this course.

Class Meeting: MWF 11-11:50 am, R 2-3 pm (Recitation) (MER 112)

Office Hours: MWF 9-10:50, T 8:30-9:20 or by appointment.

Course Web Page: [D2L](#)

Course information can be found here throughout the semester. The syllabus, homework problem solutions, and other interesting stuff can be found here. Check it periodically!!

Text: Fundamentals of Physics, (10th Ed.) by Halliday, Resnick & Walker, (John Wiley & Sons, Hoboken, NJ, 2013) Vol. 1 (Ch 1-20). ISBN : 978-1-118-23376-4 (With WileyPLUS, see note below!)

Grading:

3 Exams (4 & drop lowest)15% @	45%
Homework	15%
Lab	20%
Cumulative Final	20%

Attendance:

You are expected to attend every class period, period.

Excused absences are limited to University-Sanctioned Events (which follow the Excused Absence Policy for University-Sanctioned Events as described in the West Chester University Undergraduate Catalog), and absences due to serious illness or injury (verified by a practicing MD, you must provide me with a phone number), or the death of family members (also to be verified.)

Cell phones and texting are NOT ALLOWED during class. Cell phone use is disruptive to your classmates and to your instructors. Please turn off your phones or put them on **silence**, tuck them away in your bookbag, purse or European carry-all, and forget about them until after class. If I see anyone texting or using their cell phones during class, I will take 5 points off of the nearest exam grade (that’s 5 full points out of 100), and you will be considered “absent” for that day, since you are obviously not mentally present.

Exams:

There will be four exams over the course of the semester. The first will be given after completion of chapters 1-4. The second will be given after completion of chapters 5-8. The third will be mwaite@wcupa.edu

given after completion of chapters 9-13. And the fourth will be given after completion of chapters 14-17. These exams will cover primarily the material from the stated chapters, but they will be somewhat cumulative in the sense that the entire course builds upon itself as we proceed. The final exam will be cumulative. **I do NOT give make-up exams.** I will, however, drop your lowest exam grade. Thus, every one gets one dropped exam for whatever reason (University Sanctioned Events included, as well as court dates, car trouble, hangovers, bellyaches, weddings, etc.) Should you miss an exam, it will be considered your dropped exam, should you miss more than one exam, one will be dropped and the other will be recorded as a zero. **There are NO exceptions to this policy.**

Homework:

Homework assignments will be complete using the online WileyPLUS course supplement. A link to this site is on D2L and the webpage listed at the beginning of this syllabus. Homework assignments are due by 8:00 pm on the due date. At 8:00 pm, the site will no longer accept homework submissions. I cannot change this. So PLEASE don't ask for an extension. As much as I want to grant it (and I really do most times, really, honestly, not kidding you) I cannot change the WileyPLUS program to allow it! I will, however, drop the lowest homework grade. So, if you miss one assignment, or even two, it's not going to affect your grade drastically. But, note that homework amounts to 15% of your total grade, as much as any single exam. Even if you get 100% on all exams, labs and the final... **you cannot get an A without doing your homework assignments!** They are considered part of the course, and exams are written and administered with the understanding that you have worked on the homework assignments.

Laboratory:

Most weeks you will have a lab session. These sessions will be held on Tuesdays at 9:30, 1 or 3. You are to purchase a lab manual with all the lab assignments from Dynamic Bookstore, as well as a BLUE soft cover lab notebook. The allotted laboratory time is only 2 hours, therefore, it is your responsibility to prepare for the lab session by reading the instructions **BEFORE lab each week.** We will occasionally have lab quizzes based on the book An Introduction to Error Analysis by John Taylor. Details will be given in lab.

WileyPLUS:

We will be using **Halliday Physics 10e with WileyPLUS Next Gen** this spring. Because this is a new digital platform that the Publisher is developing, they are giving us **free access** to the digital materials, including the embedded eText, for the duration of the semester. Students are **required** to use this digital solution during the semester, not least since I'll be assigning homework through it. I will send you login information shortly.

Miscellaneous:

Please make any restroom visits before the class starts, or wait until it ends, the class is only 50 minutes. It is distracting to both the instructor as well as your fellow students when someone gets up and walks out of the classroom during lecture. Only in very rare circumstances will permanent physical damage be done by waiting a few more minutes for class to end... In fact, many doctors claim that waiting up to 2-3 hours is no problem (except for a bit of discomfort) at all. Tell you what, if I go off on a tangent and babble on and on for 2-3 hours, I'll let you get up and take a break... promise.

Intellectual Property Statement: The instructor utilizes copyrighted materials under the “Freedom and Innovation Revitalizing United States Entrepreneurship Act of 2007” (Fair Use Act). Apart from such copyright protected materials, all other intellectual property associated with this course is owned and copyrighted by the instructor, including, but not limited to, lectures, course discussions, course notes and supplementary materials posted or provided to students authored by the instructor, assessment instruments such as exams, and presentation slides. No recording, copying, storage in a retrieval system, or dissemination in any form by any means of the intellectual property of the instructor, in whole or in part, is permitted without prior written permission of the instructor. When such permission is granted, it must specify the utilization of the intellectual property and all such permissions and waivers shall terminate on the last day of the finals in the semester in which this course is held.

Links and references to on-line resources provided by the instructor may lead to other sites. The instructor does not sponsor, endorse or otherwise approve of any information appearing in those sites, nor is responsible in any way for the content of those sites. The instructor makes no warranty or responsibility for the copyright status of such material. However, should problems with copyright status be brought to the attention of the instructor, reference to offending materials will be removed.

Common University Syllabus Content: (See Document on D2L)

ACADEMIC & PERSONAL INTEGRITY

It is the responsibility of each student to adhere to the university’s standards for academic integrity. Violations of academic integrity include any act that violates the rights of another student in academic work, that involves misrepresentation of your own work, or that disrupts the instruction of the course. Other violations include (but are not limited to): cheating on assignments or examinations; plagiarizing, which means copying any part of another’s work and/or using ideas of another and presenting them as one’s own without giving proper credit to the source; selling, purchasing, or exchanging of term papers; falsifying of information; and using your own work from one class to fulfill the assignment for another class without significant modification. Proof of academic misconduct can result in the automatic failure and removal from this course. For questions regarding Academic Integrity, the No-Grade Policy, Sexual Harassment, or the Student Code of Conduct, students are encouraged to refer to the Department Undergraduate Handbook, the Undergraduate Catalog, the Ram’s Eye View, and the University website at www.wcupa.edu.

STUDENTS WITH DISABILITIES

If you have a disability that requires accommodations under the Americans with Disabilities Act (ADA), please present your letter of accommodations and meet with me as soon as possible so that I can support your success in an informed manner. Accommodations cannot be granted retroactively. If you would like to know more about West Chester University’s Services for Students with Disabilities (OSSD), please visit them at 223 Lawrence Center. The OSSD hours of Operation are Monday – Friday, 8:30 a.m. – 4:30 p.m. Their phone number is 610-436-2564, their fax number is 610-436-2600, their email address is ossd@wcupa.edu, and their website is at www.wcupa.edu/ussss/ossd.

EXCUSED ABSENCES POLICY

Students are advised to carefully read and comply with the excused absences policy, including absences for university-sanctioned events, contained in the WCU Undergraduate Catalog. In particular, please note that the “responsibility for meeting academic requirements rests with the student,” that this policy

does not excuse students from completing required academic work, and that professors can require a “fair alternative” to attendance on those days that students must be absent from class in order to participate in a University-Sanctioned Event.

REPORTING INCIDENTS OF SEXUAL VIOLENCE

West Chester University and its faculty are committed to assuring a safe and productive educational environment for all students. In order to meet this commitment and to comply with Title IX of the Education Amendments of 1972 and guidance from the Office for Civil Rights, the University requires faculty members to report incidents of sexual violence shared by students to the University's Title IX Coordinator, Ms. Lynn Klingensmith. The only exceptions to the faculty member's reporting obligation are when incidents of sexual violence are communicated by a student during a classroom discussion, in a writing assignment for a class, or as part of a University-approved research project. Faculty members are obligated to report sexual violence or any other abuse of a student who was, or is, a child (a person under 18 years of age) when the abuse allegedly occurred to the person designated in the University protection of minors policy. Information regarding the reporting of sexual violence and the resources that are available to victims of sexual violence is set forth at the webpage for the Office of Social Equity at http://www.wcupa.edu/_admin/social.equity/.

EMERGENCY PREPAREDNESS

All students are encouraged to sign up for the University's free WCU ALERT service, which delivers official WCU emergency text messages directly to your cell phone. For more information, visit www.wcupa.edu/wcualert. To report an emergency, call the Department of Public Safety at 610-436-3311.

ELECTRONIC MAIL POLICY

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Schedule: (See page on D2L)