**SUNY College at Old Westbury**

**CP2220-7A Structure of Physics I Lecture**

**Prof. Wei Shi**

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May 30 -June 29, 2023

**Class time:** M, T, W, R, 9:00 – 11:30 am

**Lectures**: All lectures will be delivered in person.

**Required textbook:** *Physics* by Cutnell and Johnson, 11th edition, Wiley, 2018 **(**available from the campus bookstore or from the publisher, wiley.com/college/Cutnell

*Note:*you will need to *use the computer code included in your purchased book* (electronic or print) to *enroll at the publisher’s website in order to do the online homework*). If you purchase the text from the campus bookstore, please specify that you need to get the “bundle”, which includes the book as well as the computer access code. Once enrolled, you can access the assignments on Blackboard from the college’s website. Further information on how to enroll in and work on the assignments will be provided later.

**Course description:** a non-calculus, intro physics course for biological science, health sciences and premedical students. Topics included are the principles and laws of mechanics, wave motion, and sound. Prerequisite: MA2090 or equivalent with a grade of “C” or better. 3 credits.

**Homework**: All homework assignments will be online. Homework assignments are accessible from the WileyPlus link in Bb Tools.

**Exams**: All exams are in-person only.

***All rules of academic integrity apply to this course. Plagiarism during an exam or test will result in failure of the exam for first offense and failure of the entire course for repeated offences.***

**Grades:**

1. 3 weekly exams, 15% each.
2. Homework, 25%.
3. Attendance and class participation, 5%.
4. Final exam: 25%.

**Tentative Schedule:**

Week 1 Chapters 1, 2, 3

Week 2 Chapters 4, 5, 6 **Test 1**

Week 3 Chapters 7, 8, 9 **Test 2**

Week 4 Chapters 10, 11 **Test 3**

Week 5 Chapters 12, 13, 14 **Cumulative Final Exam**