

**SUNY OW CP2230-031 Structure of Physics II Lecture**  
**Prof. Wei Shi**  
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Old Westbury Campus

July 9-August 8, 2018

Class time: MTWR 9am-11:30am

Location: Natural Sciences Building

Required textbook: Physics by Cutnell and Johnson, 11<sup>th</sup> edition, Wiley, 2018

**Course description:** a non-calculus, intro physics course for biological science, health sciences and premedical students. Topics included are the principles and laws of electro-magnetsm, optics, and atoms and nuclear physics. Prerequisite: CP 2220, 2221, MA2090 or equivalent with a grade of "C" or better. 3 credits.

**Rules**

1. Attendance at all lectures are required.
2. Participation in class discussion during lectures are strongly encouraged.
3. Homework, either online or from end of chapter problems, will be assigned and should be completed by indicated deadlines.
4. Exams and tests are only given on the designated dates. There will be no makeup exam or tests.
5. 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 in-class tests, 15% each.
2. Homework, 25%.
3. Attendance and class participation, 5%.
4. Final exam: 25%.

**Tentative Schedule:**

Week	1	Chapters	15,16, 18		
Week	2	Chapters	19,20,	<b>Test</b>	<b>1</b>
Week	3	Chapters	21, 22, 23	<b>Test</b>	<b>2</b>
Week	4	Chapters	24, 25, 26	<b>Test</b>	<b>3</b>
Week	5	Chapters	27, 30, 31	<b>Cumulative</b>	<b>Final Exam</b>

Text: Physics by Cutnell and Johnson, 11<sup>th</sup> edition


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