

SYLLABUS - PHYSICS 2210 MWF 12:30-1:20, ESLC 130

Spring Semester 2017 (Are you in the correct class?)

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Class Format

- 40 Lectures
- 4 written exams
- 15 World Wide Web based homework assignments

Textbook:

Essential University Physics, 3rd Edition, Richard Wolfson

Online Homework:

Homework problems are on Mastering Physics and an access code needs to be purchased.

Syllabus/Schedule

Week	Beginning	Monday	Wed.	Thurs.	Fri.	Lecture Topic
1	09 Jan	Ch. 1	Ch. 2	Rec. 1	Ch. 3	One-Dimensional Motion
2	16 Jan	Holiday	Ch. 3	Rec 2	Ch. 4	2-D and 3-D Motion
3	23 Jan	Ch. 4	Ch. 5	Rec 3	Ch. 5	Force and Motion
4	30 Jan	Ch. 6	Ch.6	Rec 4	Exam 1	Using Newton's Law
5	6 Feb	Ch. 7	Ch. 7	Rec 5	Ch. 8	Work and Energy
6	13 Feb	Ch. 9	Ch. 9	Rec 6	Ch. 10	Gravity
7	20 Feb	Hol* Tuesday	Ch. 10	Rec 7	Ch. 11	Momentum and Rotation
8	27 Feb	Ch. 11	Demo 1	Rec 8	Exam 2	Angular Momentum
9	06 Mar	SPRING BREAK WEEK				
10	13 Mar	Ch.12	Ch. 12	Rec 9	Ch. 13	Statics and Oscillation
11	20 Mar	Ch. 13	Ch. 14	Rec 10	Ch. 14	Wave Motion
12	27 Mar	Ch. 15	Ch.15	Rec 11	Ch. 15	Fluid Motion
13	03 April	Exam 3	Ch. 16	Rec 12	Ch. 16	Temperature and Heat
14	10 April	Ch. 17	Ch. 17	Rec 13	Ch. 18	Thermal Behavior
15	17 April	Ch. 18	Ch. 18	Rec 14	Ch. 19	First law of Thermodynamics
16	24 April	Ch. 19	Demo 2	Review	Review	Second Law of Thermodynamics
17	1 May	Final Exam				

*The lecture on Monday, February 20 will be given on Tuesday, February 21 because Monday is a Holiday.

FINAL EXAM IS MON., MAY 1, 2017
AT 11:30 AM – 1:20 PM

There is a \$10 fee for this class. It covers classroom supplies, as well as equipment, maintenance and supplies for demonstrations. (Note: some scholarships will not pay for this fee, even though they pay full tuition costs. Scholarship students have been dropped from this class without notice for not paying the fee.)

Disability Resource Center

Students with ADA-documented physical, sensory, emotional or medical impairments may be eligible for reasonable accommodations. Veterans may also be eligible for services. All accommodations are coordinated through the Disability Resource Center (DRC) in Room 101 of the University Inn, (435) 797-2444. Please contact the DRC as early in the semester as possible. Alternate format materials (Braille, large print, digital, or audio) are available with advance notice.

Honor Code

The honor code will be strictly enforced in this course. Any suspected violations of the honor code will be promptly reported to the honor system. For more information please visit: <http://www.usu.edu/policies/PDF/Acad-Integrity.pdf>