

Schedule for PHYS-210/210G

University Physics II Spring 2005

Week 1 (10 Jan-14 Jan): Traveling Waves

- Reading: Chap. 20
- Lab 1: Soundwaves
- Practice Problem 1: (Due Fri, 14 Jan, 9 AM, online)
- Pre-Class Survey: (Due Fri, 14 Jan, 8 AM, online)

Week 2 (18 Jan-21 Jan): Superposition

- Reading: Chap. 21
- Warm-Up 1: (Due Tues, 19 Jan, 8 AM, online)
- Practice Problem 2: (Due Fri, 21 Jan, 9 AM, online)
- HW 1: (Due Friday, 21 Jan, in class)

Week 3 (24 Jan-28 Jan): Wave Optics

- Reading: Chap. 22
- Warm-Up 2: (Due Tues, 25 Jan, 8 AM, online)
- Lab 2: Diffraction and Interference
- Practice Problem 3: (Due Fri, 21 Jan, 9 AM, online)
- HW 2: (Due Friday, 21 Jan, in class)

Week 4 (31 Jan-04 Feb): Ray Optics

- Reading: Chap. 23
- Warm-Up 3: (Due Tues, 01 Feb, 8 AM, online)
- Lab 3: Thin Lenses
- Practice Problem 4: (Due Fri, 04 Feb, 9 AM, online)
- HW 3: (Due Friday, 04 Feb, in class)

Week 5 (07 Feb-11 Feb): Electric Charges and Test 1

- Reading: Chap. 25.1-25.3
- Warm-Up 4: (Due Tues, 07 Feb, 8 AM, online)
- Review Lab 1: (nothing due)
- Test 1: 11 Feb, Chaps. 20-23

Week 6 (14 Feb-18 Feb): Electric Field

- Reading: Chap. 25.4-25.6, 26
- Warm-Up 5: (Due Tues, 15 Feb, 8 AM, online)
- Lab 4: Physlet Madness
- Practice Problem 5: (Due Fri, 18 Feb, 9 AM, online)
- HW 4: (Due Friday, 18 Feb, in class)
- Mid-semester survey: (Due Friday, 18 Feb, in class)

Week 7 (21 Feb-25 Feb): Electric Field and Current

- Reading: Chap. 27, 28
- Warm-Up 6: (Due Tues, 21 Feb, 8 AM, online)
- Lab 5: TBA
- Practice Problem 6: (Due Fri, 25 Feb, 9 AM, online)
- HW 5: (Due Friday, 25 Feb, in class)

Week 8 (28 Feb-04 Mar): Potential

- Reading: Chap. 29
- Warm-Up 7: (Due Tues, 01 Mar, 8 AM, online)
- Lab 6: The Electric Field and Electric Potential
- Practice Problem 7: (Due Fri, 04 Mar, 9 AM, online)
- HW 6: (Due Friday, 04 Mar, in class)

Week 9 (14 Mar-18 Mar): Potential and Circuits

- Reading: Chap. 30, 31.1-31.4
- Warm-Up 8: (Due Tues, 14 Mar, 8 AM, online)
- Lab 7: The Galvanometer
- Practice Problem 8: (Due Fri, 18 Mar, 9 AM, online)
- HW 7: (Due Friday, 18 Mar, in class)

Week 10 (21 Mar-25 Mar): Circuits and Test 2

- Reading: Chap. 31.5-31.10
- Warm-Up 9: (Due Tues, 22 Mar, 8 AM, online)
- Review Lab 2: (nothing due)
- Test 2: 25 Mar, Chap. 25-30

Week 11 (28 Mar-01 Apr): Magnetism

- Reading: Chap. 32
- Warm-Up 10: (Due Tues, 29 Mar, 8 AM, online)
- Lab 8: Magnetic Field of a Straight Wire
- Practice Problem 9: (Due Fri, 01 Apr, 9 AM, online)
- HW 8: (Due Friday, 01 Apr, in class)

Week 12 (04 Apr-08 Apr): Magnetic Induction

- Reading: Chap. 33
- Warm-Up 11: (Due Tues, 05 Apr, 8 AM, online)
- Lab 9: A.C. Circuits
- Practice Problem 10: (Due Fri, 08 Apr, 9 AM, online)
- HW 9: (Due Friday, 08 Apr, in class)

Week 13 (11 Apr-15 Apr): Electromagnetism and Relativity

- Reading: Chap. 34, 36
- Warm-Up 12: (Due Tues, 12 Apr, 8 AM, online)

- Lab 10: Refraction and Polarization
- Practice Problem 11: (Due Fri, 15 Apr, 9 AM, online)
- HW 10: (Due Friday, 15 Apr, in class)

Week 14 (18 Apr-22 Apr): Relativity and the End

- Reading: Chap. 36
- Warm-Up 13: (Due Tues, 19 Apr, 8 AM, online)
- Review Lab 3: (previous lab due)
- HW 11: (Due Friday, 22 Apr, in class)

Final: **Fri, 29 Apr, 8:30 – 11:00 AM**

- **This cannot be changed!**