Winter 2019 Physics 123 Schedule

Blue: Indicates that a Homework assignment is due.
All assignments are due at the beginning of class.

Green: Indicates start/end dates of quizzes.
Bold: Reading assignments.
Black: Lecture topics.

	Monday	Tuesday	Wednesday	Thursday	Friday
Jan	7 Day 1: Intro to PH123 **Reading: Syllabus**	8 Day 2: Fluids: Pressure **Reading: 14.1–14.3**	9	10 Day 3: Buoyancy **Reading: 14.4**	11
	14 Day 4: Fluid Dynamics **Reading: 14.5**	15 (HW 1) Week 2 quiz opens	16 Day 5: Elasticity **Reading: 14.6**	17	18 Day 6: Simple Harmonic Motion **Reading: 15.1–15.3** Week 2 quiz due
	21 **Civil Rights Day: No class**	22 (HW 2) Week 3 quiz opens	23 Day 7: Dynamics: Vertical oscillators and pendulums **Reading: 15.4–15.6**	24	25 Day 8: Damped and Driven Oscillations **Reading: 15.7–15.8** Week 3 quiz due
	28	29 Day 9: One-dimensional waves **Reading: 16.1–16.4** (HW 3) Week 4 quiz opens	30	31 Day 10: Sound and Light **Reading: 16.5–16.7**	1 Week 4 quiz due
Feb	4 Day 11: Power/Intensity/Doppler Shift **Reading: 16.8–16.9**	5 (HW 4) Week 5 quiz opens	6 Day 12: Standing Waves **Reading: 17.1–17.4**	7	8 Day 13: Wave Interference **Reading: 17.5–17.8** Week 5 quiz due
	11	12 Day 14: **Unit Review** **Reading: None** (HW 5) Week 6 quiz opens	13 Day 15: Atoms/Moles/Temperatu Thermal Expansion **Reading: 18.1–18.5**	14	15 Day 16: Ideal Gases **Reading: 18.6–18.7** Week 6 quiz due
	18 **President's Day: No class**	19 (HW 6) Week 7 quiz opens	20 Day 17: Ideal Gases: Work, Heat, and the First Law **Reading: 19.1–19.4**	21	22 Day 18: Calorimetry **Reading: 19.5–19.6** Week 7 quiz due
	25	26 Day 19: Specif Heat of Gases **Reading: 19.7–19.8** (HW 7) Week 8 quiz opens	27	28 Day 20: A closer look at Pressure **Reading: 20.1–20.2**	1 Week 8 quiz due
Mar	4 Day 21: A closer look at Temperature and Energy **Reading: 20.3–20.4**	5 (HW 8) Week 9 quiz opens	6 Day 22: A closer look at Heat **Reading: 20.5–20.6**	7	8 Day 23: Heat Engines/Refrigerators **Reading: 21.1–21.2** Week 9 quiz due
	11	12 Day 24: Idea Gas Engines/Refrigerators **Reading: 21.3–21.4** (HW 9) Week 10 quiz opens	13	14 Day 25: The Carnot Engine **Reading: 21.5–21.6**	15 Week 10 quiz due
	18 Day 26: **Unit Review** **Reading: None**	19 Day 27: Light Interference **Reading: 33.1–33.2** (HW 10) Week 11 quiz opens	20	21 Day 28: Diffraction Gratings/ Single Slit/ Circular Apertures **Reading: 33.3–33.8 (33.5 optional)**	22 Week 11 quiz due
	25 Day 29: Reflection/Refraction **Reading: 34.1–34.3**	26 (HW 11) Week 12 quiz opens	27 Day 30: Thin Lenses **Reading: 34.4–34.6**	28	29 Day 31: Mirrors **Reading: 34.7** Week 12 quiz due
Apr	1	2 Day 32: Camera and The Human Eye **Reading: 35.1 – 35.3** (HW 12) Week 13 quiz opens	3	4 Day 33: Resolution/Magnification **Reading: 35.4–35.6**	5 Week 13 quiz due
	8 Day 34: Final Review **Reading: None**	9 (HW 13)	10	11	12