Fall 2020 Physics 220 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
Sep	14 Day **01**: Intro to PH220 **Reading: Syllabus**	15 Day **02**: Charge, Insulators, Conductors **Reading: 22.1–22.3**	16	17 Day **03**: Coulomb's Law, Electric Fields **Reading: 22.4–22.5**	18
	21 Day **04**: Continuous charge distributions **Reading: 23.1–23.3**	22 (HW 1) Week 2 quiz opens	23 Day **05**: Special Geometry Objects **Reading: 23.4**	24	25 Day **06**: Parallel-plate capacitor; Particles in Fields **Reading: 23.5–23.7** Week 2 quiz due
Oct	28	29 Day **07**: Electric Flux **Reading: 24.1–24.3** (HW 2) Week 3 quiz opens	30	1 Day **08**: Gauss's Law **Reading: 24.4–24.6**	2 Week 3 quiz due
	5 Quiz Review	6 Day **09**: Electric Potential Energy **Reading: 25.1–25.3** (HW 3) Week 4 quiz opens	7	8 Day **10**: Electric Potential **Reading: 25.4–25.7**	9 Week 4 quiz due
	12 Quiz Review	13 Day **11**: Field from Potential **Reading: 26.1–26.3** (HW 4) Week 5 quiz opens	14	15 Day **12**: Capacitors **Reading: 26.4–26.6**	16 Week 5 quiz due
	19 Quiz Review	20 Day **13**: Dielectrics; Current **Reading: 26.7–27.2** (HW 5) Week 6 quiz opens	21	22 Day **14**: Conductivity; Resistivity **Reading: 27.3–27.5**	23 Week 6 quiz due
	26 Quiz Review	27 Day **15**: Circuits **Reading: 28.1–28.3** (HW 6) Week 7 quiz opens	28	29 Day **16**: Resistors **Reading: 28.4–28.6**	30 Week 7 quiz due
Nov	2 Quiz Review	3 Day **17**: RC circuits **28.7–28.9** (HW 7) Week 8 quiz opens	4	5 Day **18**: The magnetic field **Reading: 29.1–29.3**	6 Week 8 quiz due
	9 Quiz Review	10 Day **19**: Magnetic forces **Reading: 29.4–29.6** (HW 8) Week 9 quiz opens	11	12 Day **20**: Magnetic Materials; motional EMF **Reading: 29.10–30.2**	13 Week 9 quiz due
	16 Quiz Review	17 Day **21**: Magntic flux; Lenz's law **Reading: 30.3–30.4** (HW 9) Week 10 quiz opens	18	19 Day **22**: Faraday's law; induced fields **Reading: 30.5–30.6**	20 Week 10 quiz due
	23 Quiz Review	24 Day **23**: Inductors; LC circuits **Reading: 30.7–30.9** (HW 10)	25 Thanksgiving Holiday! No Class.	26	27
Dec	30	1 Day **24**: LR circuits; displacement current **Reading: 30.10–31.2** (HW 11) Week 12 quiz opens	2	3 Day **25**: Maxwell's equations **Reading: 31.3–31.5**	4 Week 12 quiz due
	7 Quiz Review	8 Day **26**: EM waves; Polarization **Reading: 31.6–31.7** (HW 12) Week 13 quiz opens	9	10 Day **27**: Phasors; capacitor circuits **Reading: 32.1–32.2**	11 Week 13 quiz due
	14 Day **28**: Inductors circuits; RLC circuits **Reading: 32.3–32.5**	15 (HW 13)	16	17	18