Winter 2020 Physics 121 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	**6**	**7**	**8** Day **01**: Intro to PH121 **Reading: Syllabus**	**9** Day **02**: Motion Diagrams/Position/Velocity **Reading: 1.1–1.5**	**10**
	13 Day **03**: Units,Sig Figs **Reading: 1.6–1.8**	**14** (HW 1) Week 2 quiz opens	**15** Day **04**: Uniform Motion Position to Velocity **Reading: 2.1–2.2**	**16**	**17** Day **05**: Velocity to Position/Acceleration **Reading: 2.3** Week 2 quiz due
	20 Civil Rights Day! No Class	**21** (HW 2) Week 3 quiz opens	**22** Day **06**: Kinematics **Reading: 2.4–2.7**	**23**	**24** Day **07**: Vectors **Reading: 3.1–3.4** Week 3 quiz due
	27	**28** Day **08**: Two-D Kinematics **Reading: 4.1–4.3** (HW 3) Week 4 quiz opens	**29**	**30** Day **09**: Uniform Circular Motion **Reading: 4.4–4.5**	**31** Week 4 quiz due
Feb	**3** Day **10**: Nonuniform Circular Motion **Reading: 4.6**	**4** (HW 4) Week 5 quiz opens	**5** Day **11**: Newton's Laws/Free-body Diagrams **Reading: 5.1–5.7**	**6**	**7** Day **12**: Newton's Second Law **Reading: 6.1–6.3** Week 5 quiz due
	10	**11** Day **13**: Friction, Drag **Reading: 6.4–6.6** (HW 5) Week 6 quiz opens	**12**	**13** Day **14**: Newton's Third Law **Reading: 7.1–7.3**	**14** Week 6 quiz due
	17 President's Day! No Class	**18** Day **15**: Ropes and Pulleys **Reading: 7.4–7.5** (HW 6) Week 7 quiz opens	**19**	**20** Day **16**: Newton's Third Law cont. **Reading: None**	**21** Week 7 quiz due
	24 Day **17**: Circular Motion **Reading: 8.1–8.3**	**25** (HW 7) Week 8 quiz opens	**26** Day **18**: Non-uniform Circular Motion **8.4–8.5**	**27**	**28** Day **19**: Work, Kinetic Energy **Reading: 9.1–9.3** Week 8 quiz due
Mar	**2**	**3** Day **20**: Hooke's Law, Power **Reading: 9.4–9.6** (HW 8) Week 9 quiz opens	**4**	**5** Day **21**: Potential Energy/Conservation of Energy **Reading: 10.1–10.4**	**6** Week 9 quiz due
	9 Day **22**: Energy Diagrams/Force to Potential Energy **Reading: 10.5–10.7**	**10** (HW 9) Week 10 quiz opens	**11** Day **23**: Impulse and Momentum **Reading: 11.1–11.2**	**12**	**13** Day **24**: Collisions, Explosions **Reading: 11.3–11.6** Week 10 quiz due
	16	**17** Day **25**: Review/Extra Credit **Reading: None** (HW 10) Week 11 quiz opens	**18**	**19** Day **26**: Center of Mass, M. of Inertia **Reading: 12.1–12.3**	**20** Week 11 quiz due
	23 Day **27**: Torque/Newton's Second Law **Reading: 12.4–12.7**	**24** (HW 11) Week 12 quiz opens	**25** Day **28**: Equilibrium **Reading: 12.8–12.9**	**26**	**27** Day **29**: Angular Momentum **Reading: 12.10–12.11** Week 12 quiz due
Apr	**30**	**31** Day **30**: Gravitation **Reading: 13.1–13.3** (HW 12) Week 13 quiz opens	**1**	**2** Day **31**: Potential Energy **Reading: 13.4–13.6**	**3** Week 13 quiz due
	6 Day **32**: Review **Reading: None**	**7** (HW 13)	**8**	**9**	**10**