Fall 2019 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
Sep	**16** Day **01**: Intro to PH121 **Reading: Syllabus**	**17** Day **02**: Motion Diagrams/Position/Velocity **Reading: 1.1–1.5**	**18**	**19** Day **03**: Units,Sig Figs **Reading: 1.6–1.8**	**20**
	23 Day **04**: Uniform Motion **Reading: 2.1–2.3**	**24** (HW 1) Week 2 quiz opens	**25** Day **05**: One-D Kinematics **Reading: 2.4–2.5**	**26**	**27** Day **06**: Inclined Planes **Reading: 2.6–2.7** Week 2 quiz due
	30	**1** Day **07**: Vectors **Reading: 3.1–3.4** (HW 2) Week 3 quiz opens	**2**	**3** Day **08**: Two-D Kinematics **Reading: 4.1–4.3**	**4** Week 3 quiz due
Oct	**7** Day **09**: Uniform Circular Motion **Reading: 4.4–4.5**	**8** (HW 3) Week 4 quiz opens	**9** Day **10**: Nonuniform Circular Motion **Reading: 4.6**	**10**	**11** Day **11**: Newton's Laws/Free-body Diagrams **Reading: 5.1–5.7** Week 4 quiz due
	14	**15** Day **12**: Newton's Second Law **Reading: 6.1–6.3** (HW 4) Week 5 quiz opens	**16**	**17** Day **13**: Friction, Drag **Reading: 6.4–6.6**	**18** Week 5 quiz due
	21 Day **14**: Newton's Third Law **Reading: 7.1–7.3**	**22** (HW 5) Week 6 quiz opens	**23** Day **15**: Ropes and Pulleys **Reading: 7.4–7.5**	**24**	**25** Day **16**: Newton's Third Law cont. **Reading: None** Week 6 quiz due
	28	**29** Day **17**: Circular Motion **Reading: 8.1–8.3** (HW 6) Week 7 quiz opens	**30**	**31** Day **18**: Non-uniform Circular Motion **8.4–8.5**	**1** Week 7 quiz due
Nov	**4** Day **19**: Work, Kinetic Energy **Reading: 9.1–9.3**	**5** (HW 7) Week 8 quiz opens	**6** Day **20**: Hooke's Law, Power **Reading: 9.4–9.6**	**7**	**8** Day **21**: Potential Energy/Conservation of Energy **Reading: 10.1–10.4** Week 8 quiz due
	11	**12** Day **22**: Energy Diagrams/Force to Potential Energy **Reading: 10.5–10.7** (HW 8) Week 9 quiz opens	**13**	**14** Day **23**: Impulse and Momentum **Reading: 11.1–11.2**	**15** Week 9 quiz due
	18 Day **24**: Collisions, Explosions **Reading: 11.3–11.6**	**19** (HW 9)	**20** Day **25**: Center of Mass, M. of Inertia **Reading: 12.1–12.3**	**21**	**22** Day **26**: Torque/Newton's Second Law **Reading: 12.4–12.7**
	25 Day **27**: Torque/Newton's Second Law **Reading: 12.4–12.7**	**26** (HW 10) Week 11 quiz opens	**27** Thanksgiving Holiday! No Class.	**28**	**29**
Dec	**2**	**3** Day **28**: Equilibrium **Reading: 12.8–12.9** (HW 11) Week 12 quiz opens	**4**	**5** Day **29**: Angular Momentum **Reading: 12.10–12.11**	**6** Week 12 quiz due
	9 Day **30**: Gravitation **Reading: 13.1–13.3**	**10** (HW 12) Week 13 quiz opens	**11** Day **31**: Potential Energy **Reading: 13.4–13.6**	**12**	**13** Day **32**: Review **Reading: None** Week 13 quiz due
	16	**17** (HW 13)	**18**	**19**	**20**