

# 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 <b>Reading: Syllabus</b>	17 Day 02: Motion Dia-grams/Position/Velocity <b>Reading: 1.1–1.5</b>	18	19 Day 03: Units,Sig Figs <b>Reading: 1.6–1.8</b>	20
	23 Day 04: Uniform Motion <b>Reading: 2.1–2.3</b>	24 (HW 1) Week 2 quiz opens	25 Day 05: One-D Kinematics <b>Reading: 2.4–2.5</b>	26	27 Day 06: Inclined Planes <b>Reading: 2.6–2.7</b> Week 2 quiz due
	30	1 Day 07: Vectors <b>Reading: 3.1–3.4</b> (HW 2) Week 3 quiz opens (HW 3) Week 4 quiz opens	2	3 Day 08: Two-D Kinematics <b>Reading: 4.1–4.3</b>	4 Week 3 quiz due
Oct	7 Day 09: Uniform Circular Motion <b>Reading: 4.4–4.5</b>	8	9 Day 10: Nonuniform Circular Motion <b>Reading: 4.6</b>	10	11 Day 11: Newton's Laws/Free-body Diagrams <b>Reading: 5.1–5.7</b> Week 4 quiz due
	14	15 (HW 4) Week 5 quiz opens	16 Day 12: Newton's Second Law <b>Reading: 6.1–6.3</b>	17	18 Day 13: Friction, Drag <b>Reading: 6.4–6.6</b> Week 5 quiz due
	21	22 Day 14: Newton's Third Law <b>Reading: 7.1–7.3</b> (HW 5) Week 6 quiz opens (HW 6) Week 7 quiz opens	23	24 Day 15: Ropes and Pulleys <b>Reading: 7.4–7.5</b>	25 Week 6 quiz due
	28 Day 16: Newton's Third Law cont. <b>Reading: None</b>	29	30 Day 17: Circular Motion <b>Reading: 8.1–8.3</b>	31	1 Day 18: Non-uniform Circular Motion <b>8.4–8.5</b> Week 7 quiz due Week 8 quiz due
	4	5 Day 19: Work, Kinetic Energy <b>Reading: 9.1–9.3</b> (HW 7) Week 8 quiz opens	6	7 Day 20: Hooke's Law, Power <b>Reading: 9.4–9.6</b>	8
Nov	11 Day 21: Potential Energy/Conservation of Energy <b>Reading: 10.1–10.4</b>	12 (HW 8) Week 9 quiz opens	13 Day 22: Energy Diagrams/Force to Potential Energy <b>Reading: 10.5–10.7</b>	14	15 Day 23: Impulse and Momentum <b>Reading: 11.1–11.2</b> Week 9 quiz due
	18	19 Day 24: Collisions, Explosions <b>Reading: 11.3–11.6</b> (HW 9) (HW 10) Week 11 quiz opens	20	21 Day 25: Center of Mass, M. of Inertia <b>Reading: 12.1–12.3</b>	22
	25 Day 26: Torque/Newton's Second Law <b>Reading: 12.4–12.7</b>	26	27	28	29
	2 Day 27: Torque/Newton's Second Law <b>Reading: 12.4–12.7</b>	3 (HW 11) Week 12 quiz opens	4 Day 28: Equilibrium <b>Reading: 12.8–12.9</b>	5	6 Day 29: Angular Momentum <b>Reading: 12.10–12.11</b> Week 12 quiz due Week 13 quiz due
Dec	9	10 Day 30: Gravitation <b>Reading: 13.1–13.3</b> (HW 12) Week 13 quiz opens (HW 13)	11	12 Day 31: Potential Energy <b>Reading: 13.4–13.6</b>	13
	16	17	18	19	20

Thanksgiving Holiday! No Class.