

Schedule

Day	Section	Title	Pages	Problems	Due Date
06/02	1.1	Introduction	P 1-2	none	
	1.2	Idealized Models	P 3	none	
	1.3	Standards and Units	P 3-7	none	
	1.4	Unit Consistency and Conversions	P 7-9	none	
	1.5	Precision and Significant Figures	P 9-11	17, 21	06/09
	1.6	Estimates and Orders of Magnitude	P 11	24, 32	06/09
06/03	1.7	Vectors and Vectors Addition	P 12-16	34, 36	06/09
	1.8	Components and Vectors	P 16-21	42, 49	06/09
	2.1	Displacement and Average Velocity	P 30-34	2, 12	06/09
	2.2	Instantaneous Velocity	P 34-37	19, 20	06/09
06/04	2.3	Average and Instantaneous Velocity	P 37-42	24, 25	06/09
	2.4	Motion and Constant Acceleration	P 42-48	28, 32	06/09
	2.5	Proportional Reasoning	P 48-51	none	
	2.6	Freely Falling Objects	P 51-54	49, 52	06/09
06/05	2.7	Relative Velocity along a Straight Line	P 54-56	62, 63	06/09
	3.1	Velocity in a Plane	P 68-71	none	
	3.2	Acceleration in a Plane	P 71-74	1, 5	06/09
	3.3	Projectile Motion	P 75-85	8, 27	06/09
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06/09	3.4	Uniform Circular Motion	P 85-88	31, 38	06/10
	3.5	Relative Velocity in a Plane	P 88-89	39, 43	06/10
	4.1	Force	P 99-102	1, 4	06/10
	4.2	Newton's First Law	P 102-104	none	
06/10	4.3	Mass and Newton's Second Law	P 104-109	9, 10	06/11
	4.4	Mass and Weight	P 109-112	14, 18	06/11
	4.5	Newton's Third Law	P 112-116	24, 27	06/11
06/11	4.6	Free-Body Diagrams	P 116-118	28, 34	06/12
	5.1	Equilibrium of a Particle	P 128-133	2, 9	06/12
	5.2	Applications of Newton's Second Law	P 133-137	18, 26	06/12
06/12	5.3	Contact Forces and Friction	P 137-145	33	06/16
	5.4	Elastic Forces	P 145-147	57	06/16
	5.5	Forces in Nature	P 147-148	none	
		Lab #2			06/12
06/16	6.1	Force in Circular Motion	P 161-167	1, 2	06/17
	6.2	Motion in a Vertical Circle	P 168-170	10, 14	06/17
	6.3	Newton's Law of Gravitation	P 170-172	16, 17	06/17
06/17	6.4	Weight	P 172-175	26, 29	06/18
	6.5	Satellite Motion	P 175-180	34, 35	06/18
	7.1	An Overview of Energy	P 188-192	none	
06/18	7.2	Work	P 192-196	1, 9	06/19
	7.3	Work and Kinetic Energy	P 196-200	14, 20	06/19
	7.4	Work Done by a Varying Force	P 200-203	25, 26	06/19
	7.5	Potential Energy	P 203-208	30, 31	06/19
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	8.2	Conservation of Momentum	P 234-239	8, 9	06/24
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