			Assigned on the date given at left; Due the following week unless otherwise specified.				
Week	**Date**	**Lecture**	**Lab / Activity Performed**	**Textbook Reading**	**Textbook Assignment**	**Handouts** (Some to be done in class, anything remaining is homework)	**Assess-ment**
13 Online	**Jan 8**	5-1 Atoms, Bonding, Periodic Table 5-2 Ionic Bonds	Shedding Light on Ions	Ch 5: Sec 1	5-1 Assessment, p 156: 1-2	- Atoms, Bonding, & the Periodic Table - Atomic Structure	
14 In-Person	**Jan 15**	5-2 Ionic Bonds 5-3 Covalent Bonds	Making Models of Covalent Molecules & Electronegativity	Ch 5: Sec 2 & 3	5-2 Assessment, p 163: 1-3 5-3 Assessment, p 171: 1-3	- Ionic Bonds - Covalent Bonds - Ionic Bonding - Lewis Dot Structures - Writing Binary Formulas	
15 Online	**Jan 22**	5-4 Bonding in Metals		Ch 5: Sec 4	5-4 Assessment, p 177: 1-3	- Bonding in Metals - How Hard is Hard	UNIT I TEST
16 In-Person	**Jan 29**	9-1 Describing and Measuring Motion 9-2 Speed and Velocity	Cart Motion Investigation	Ch 9: Sec 1 & 2	9-1 Assessment, p 311: 1-2 9-2 Assessment, p 317: 1-2	- Position, Distance & Displacement - Intro to Position-Time Graphs - Describing and Measuring Motion - Speed and Velocity	
17 Online	**Feb 5**	9-3 Acceleration		Ch 9: Sec 3	9-3 Assessment, p 325: 1-5	- Kinematics: Speed-Time Graphs - Determining Speed & Calculating Avg Speed	
18 In-Person	**Feb 12**		Acceleration Lab			- Acceleration - Acceleration Problems #1	Online Ch 9 Quiz
19 Online	**Feb 19**	10-1 The Nature of Force 10-2 Friction & Gravity		Ch 10: Sec 1 & 2	10-1 Assessment, p 337: 1-2 Analyzing Data, p 346: 1-4 10-2 Assessment, p 348: 1-3	- The Nature of Force - Net Force, Mass, & Change in Motion - Calculating Net Force	
20 In-Person	**Feb 26**	10-3 Newton's 1st & 2nd Law	Friction Lab	Ch 10: Sec 3	10-3 Assessment, p 352: 1-4	- Force & Acceleration - Practice Problems - Friction and Gravity - The Great Pyramids	
21 Online	**Mar 5**	10-4 Newton's 3rd Law		Ch 10: Sec 4	10-4 Assessment, p 359: 1-5	- Newton's 1st and 2nd Laws	
22 In-Person	**Mar 12**	10-5 Rockets & Satellites	Balloon Rocket Car Lab	Ch 10: Sec 5	10-5 Assessment, p 365: 1-2	- Newton's 3rd Law - Life Saving Barriers - Conservation of Momentum Practice	
23 Online	**Mar 19**	Ch 10 Review Special Guest Speaker			Ch 10 Review & Assessment, p 367-368: 1-24	- Rockets & Satellites	
24 In-Person	**Mar 26**	11-1 Pressure	Balloon Rocket Car Lab (Finish)	Ch 11: Sec 1	11-1 Assessment, p 378: 1-5	- Pressure	Online Ch 10 Quiz
	Apr 2	**EASTER BREAK**					
25 Online	**Apr 9**	11-2 Floating and Sinking	"Under Pressure" Phet Sim	Ch 11: Sec 2	11-2 Assessment, p 385: 1-2b	- Floating and Sinking - Compressible Gases	
26 In-Person	**Apr 16**	11-3 Pascal's Principle 11-4 Bernoulli's Principle	Buoyancy Lab (possibly)	Ch 11: Sec 3 & 4	Analyzing Data, p 391: 1-5 11-3 Assessment, p 392: 1-2 11-4 Assessment, p 397: 1-2	- Pascal's Principle - Siphons - Bernoulli's Principle	
27 Online	**Apr 23**	12-1 What is Work?		Ch 12: Sec 1	12-1 Assessment, p 411: 1-5	- What is Work? - Exploring Work, Direction & Weight	Online Ch 11 Quiz
28 In-Person	**Apr 30**	12-2 How Machines Do Work	Swing Time Lab	Ch 12: Sec 2	Analyzing Data, p 417: 1-4 12-2 Assessment, p 419: 1-5	- How Machines Do Work - Calculating Work - Calculating Power	

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Week	**Date**	**Lecture**	**Lab / Activity Performed**	**Textbook Reading**	**Textbook Assignment**	**Handouts** (Some to be done in class, anything remaining is homework)	**Assess-ment**
29 Online	**May 7**	12-3 Simple Machines		Ch 12: Sec 3	12-3 Assessment, p 433: 1-3	- Simple Machines - Simple Machines (different one) - Types of Levers - Mechanical Advantage - Calculating Efficiency - Really Compound Machines	
30 In-Person	**May 14**	Review Ch. 12	Pulley Lab		Ch 12 Review & Assessment, p 437-438: 1-25	- IMA: Levers, etc.	UNIT II TEST
31 Online	**May 21**	15-1 What are Waves?		Ch 15: Sec 1 & 2	15-1 Assessment, p 514: 1-2 15-2 Assessment, p 519: 1-3	- What are Waves? - Properties of Waves	
32 In-Person	**May 28**	15-2 Properties of Waves					

** In accord with CCS policy, the first snow day will consume our "Leeway Day" on May 28th. In the event of a second snow day or other cancellation, class will be held online at the usual day/time.