

Physical Systems in Earth and Space Science
 Schedule for 16 Week Semester

Week		Topic	InTeGrate Module
1	Mon Wed Fri	Welcome to NATS 105 Facts, Laws, Theories Position, Velocity, and Acceleration	
2	Mon Wed Fri	Position, Velocity, and Acceleration Forces Potential and Kinetic Energy	
3	Mon Wed Fri	No School The Big Bang Galaxies, Solar Systems, Stars, and Planets	
4	Mon Wed Fri	Orbital Motion Orbital Motion Our Solar System	
5	Mon Wed Fri	Our Solar System Age of the Earth Controversies in Our Solar System	
6	Mon Wed Fri	Intro Earth Plate Motion Plate Boundaries	Living on the Edge: Unit 1
7	Mon Wed Fri	Plate Boundaries Plate Boundaries Plate Tectonics and People	Living on the Edge: Unit 3 Living on the Edge: Unit 5
8	Mon Wed Fri	Earth's Interior - Melt Production Energy Transformations Through Time Energy Transformations Through Time	
9	Mon Wed Fri	Energy Resources – Coal, Oil Energy Resources – Nuclear Energy Resources – Natural Gas, Wind, and Solar	Carbon, Climate, and Energy Resources: Unit 4
10	Mon Wed Fri	Energy Footprint and Electricity Introduction Electricity and Magnetism Electric Circuits	
		Spring Break – No School	
11	Mon Wed Fri	Electric Grids Introduction to Weather, Climate, and Climate Change Weather and Seasons	
12	Mon Wed Fri	Evidence for Climate Change Evidence for Climate Change Effects of Climate Change	Carbon, Climate, and Energy Resources: Unit 3 Carbon, Climate, and Energy Resources: Unit 5
	Saturday	FIELD TRIP to LaSalle County	
13	Mon Wed Fri	Sustainable Future Introduction to Waves Sound as Waves	Carbon, Climate, and Energy Resources: Unit 6
14	Mon Wed Fri	Light as Waves - Reflection and Refraction Light as Waves - Light and Color No School	
15	Mon Wed Fri	Light as Waves - Dispersion and Rainbows Information Transfer through Waves Final Items and Wrap-up	
16		Final Exam	