

# LC Physics 100/English 101 or 201 Timeline

Week	Physics Activities	English Activities	Lab	Seminars (1 hr on Fri)	
1	About Science: History and Scientific Principle (Ch 1) Units and Conversions	Diagnostic & Review	No Lab	No Seminar	
2	Graphing: How and Why		Units & Conversion	#1	
3	Linear Motion: Distance Velocity, Acceleration (Ch 3)		<b>Paper #1 Due at end of 3d week.</b>	Graphing	#2
4	Newton's 2 <sup>nd</sup> Law: $F=ma$ (Ch 4)	Focus, Development Support & Organization	Linear Motion	#3	
5	Gravity (Ch 9)		Air Track	#4	
6	Mechanical Energy, Efficiency, Power (Ch 7)	<b>Paper #2 Due at end of 5<sup>th</sup> week</b> <b>Mid term portfolio at end of 6<sup>th</sup> week</b> (1 typed and revised paper that meets exit standards, 2 <sup>nd</sup> paper in progress)	Behr Free Fall	#5	
7	Vibrations & Waves (Ch 19, a little from Ch 26)	Learning to write with sources and MLA	Work on Incline Plane	#6	
8 Fri.-Veterans Day	Heat Transfer: Heat as Energy (Ch 15, 16, 17)		Conferences	Pendulum	No Seminar
9	Light Quanta (Ch 31) The Atomic & The Quantum (Ch 32)		<b>Paper # 3 due at end of 10<sup>th</sup> week</b>	Heat Current Lab	#7
10 Wed, Thur, Fri Thanksgiving	The Atomic Nucleus & Radioactivity (Ch 33)	No Lab		No Seminar	
11	Nuclear Fission & Fusion: Nuclear Energy (Ch 34)	<b>Final portfolio due at end of 11<sup>th</sup> week</b>	No Lab	No Seminar	
12 Class on Mon. only	Science Projects Class Presentation During Finals Week (Work done in Seminars)		No Lab	No Seminar	