

**UCONN Physics****Syllabus**1<sup>st</sup> Semester 2007-08Text: College Physics, 3<sup>rd</sup> Edition by Wilson & Buffa

Week(s)	Chapter	Problem Assignment	Laboratory
1 & 2	1 Units, Problems	1-11, 19, 24, 41, 79	Data Collection/Analysis
3 & 4	2 Kinematics	2-15, 17, 25, 31, 51, 64, 75, 81, 89, 99	UAM
4 & 5	3 2-D Motion	3-7, 9, 29, 41, 53, 71, 77, 83, 91	Projectile Motion, Force Table
6 - 9	4 Force	4-9, 17, 25, 29, 37, 43, 57, 59, 75, 81, 89, 93	Atwood's Machine
10	5 Work & Energy	5-7, 13, 21, 37, 69, 81, 93, 103	"Tarzan" Prediction, Work-Energy Theorem
11 - 12	6 Moment & Coll	6-11, 21, 53, 63, 97, 103	Collisions
13	7 Circ Mot & Grav	7-43, 55, 77, 115	
14	8 Moment of Inertia	8-21, 37, 49, 113	
15 & 16	13 SHM	13-33, 56, 61	Simple pendulum
17	9 Buoyancy	9-59, 105	
18	11 Specific Heat	11-15, 19, 25, 89	Mechanical Equiv. of Heat
19	12 Thermodynamics	12-21, 107	
19	Review		

Note: Some slack is built into this syllabus to account for unexpected delays, lost class time, etc. Updated versions of this syllabus will be given out as needed.