

5 Weekly course schedule

The following lecture schedule is tentative and subject to change. In addition to this schedule, students are responsible for completing weekly homeworks.

Week	Date		KFJ Chapters and reading
1	08/21	Intro	Syllabus review, CH1.1 - 1.5 Preliminary material
2	08/26 08/28		CH 1.6 - 2.1 Uniform motion CH 2.2 - 2.7 Motion in 1D and free fall
3	09/02 09/04	Labor Day	No Class CH 3.1 - 3.4 Using Vectors
4	09/09 09/11	AS out	CH 3.5 - 3.6 Projectile motion No Class
5	09/16 09/18	Test 1	CH 3.7 Circular motion CH 1 - CH 3
6	09/23 09/25		CH 4.1- 4.6 Forces and Newton's Laws CH 4.7 - 5.3 Apparent weight and weightlessness
7	09/30 10/02		CH 5.4 - 5.6 Normal force, friction and drag CH 5.6 - 5.8 Interacting objects, ropes and pulleys
8	10/07 10/09		CH 6.1 - 6.3 Circular motion dynamics CH 6.4 - 6.6 Orbits and Newton's law of gravity
9	10/14 10/16	Test 2	Test 2 review CH 4 - CH 6
10	10/21 10/23		CH 7.1 - 7.4 Rotational motion and torque CH 7.4 - 7.8 Gravitational torque and center of gravity
11	10/28 10/30		CH 8.1 - 8.4 Static equilibrium and balance CH 8.5 - 8.8 Springs and Hooke's law
12	11/04 11/06		CH 9.1 - 9.4 Impulse and Momentum CH 9.4 - 9.7 Conservation of Momentum
13	11/11 11/13	Test 3	Test 3 review CH 7 - CH 9
14	11/18 11/20		CH 10.1 - 10.5 Work and Energy CH 10.6 - 10.10 Conservation of energy
15	11/25 11/27	Thanksgiving	CH 11.1 - 11.4 Using energy No Class
16	12/02 12/04		CH 11.5 - 11.8 Heat Engines and entropy Final Review

Final exam: Monday, December 9, 3:00 - 6:00pm DONE