week	tuesday	thursday
1	8/24: introduction, mathematics review	8/26: Lagrangian mechanics (1-5)
2	8/31: Lagrangian mechanics (1-5)	9/2: Lagrangian mechanics (1-5)
3	9/7: conservation laws (6-10)	9/9: conservation laws (6-10)
4	9/14: Hamiltonian mechanics (40)	9/16: 1-d motion (11)
5	9/21: central force motion (13-15)	9/23: central force motion (13-15)
6	9/28: central force motion (13-15)	9/30: central force motion (13-15)
7	**10/5: midterm 1**	10/7: collisions (16, 17)
8	10/12: collisions (16, 17)	10/14: scattering (18-20)
9	10/19: scattering (18-20)	10/21: scattering (18-20)
10	10/26: small oscillations (21-23)	10/28: small oscillations (21-23)
11	11/2: small oscillations (21-23)	11/4: rigid body motion (31-36)
12	11/9: rigid body motion (31-36)	11/11 rigid body motion (31-36)
13	11/16: rigid body motion (31-36)	**11/18: midterm 2**
14	11/23: static equilibrium (38)	11/25: Thanksgiving holiday
15	11/30: non-inertial reference frames (39)	12/2: no class