# Summer of 2007 calendar for 12:00 – 1:35

**MECH 102 Dynamics PA 360**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Day\_\_\_\_\_\_ Month | Monday | Tuesday | Wednesday | Thursday |
| July | **2** | **3** | **4**  | **5**Rectilinear Motion(11.1 – 11.3)-----------**HW: 11.6, 12, 15** |
| July | **9** **Uniform Acceleration****(11.4 – 11.6)** -------------------**HW: 11.36, 42, 49** | **10****Curvilinear Motion** **(11.9 – 11.14)** ------------------**HW:11.91, 105, 127**  | **11****Equations of Motion****( 12.1 – 12.10)**-------------------**HW:12.9, 13, 18, 49**  | **12****Work & Energy****( 13.1 – 13.8)**------------**HW:13.9, 18, 20, 24, 73** |
| July | **16****REVIEW and** **TEST #1** | **17** **Impact** **( 13.10 – 13.13)**-------------------**HW:13.132, 140, 170, 178, 182**  | **18** **Systems of particles****( 14.1 – 14.9)**------------------**HW:14.7, 17, 33**  | **19****Kinematics-Plane M.****(15.1 – 15.6)**------------**HW:15.9, 29, 40, 43** |
| July | **23** **Center of Rotation****(15.7)**-------------------HW**: 15.76, 81, 84, 85**  | **24** **Acceleration** **(15.8 , 15.10)**------------------HW: **15,105, 116, 127** | **25** **Coriolis Acceleration** **( 15.10 – 15.11)****-------------------** **HW:15.160, 164, 170** | **26****General review on acceleration****--------------------****HW: No problems** |
| Aug. | **30****REVIEW and** **TEST #2** | **31** **Moments of Inertia** **(B.1 – B.5)**-----------HW**:B.4, 6, 31** | **1** **Principal Axes****( B.6 – B.7)****--------------------****HW: B.41** | **2****Kinetics-Plane M.****( 16.1 – 16.7)**--------------**HW:16.7, 15, 27** |
|  Aug. | **6****Constrained Plane M.****( 16.8 )**-------------------**HW:16.60, 79, 83**  | **7** **Work & Energy** **(17.1 – 17.7 )**-----------------**HW:16.101, 17.4, 5** | **8** **Impulse & Momntm****( 17.8 – 17.10 )**------------------**HW:17.11, 15** | **9****Eccentric Impact** **( 17.11 – 17. 12)**-----------------**HW:No problems**  |

**TEXT:**Vector Mechanics for Engineers – Dynamics.Beer\_Johnston\_Clausen-8th Edition

**Monday’s and Tuesday’s HW is due on Wednesday.**

**Wednesday’s and Thursday’s is due on Monday.**