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

**MECH 102 Dynamics PA 360**

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| --- | --- | --- | --- | --- |
| 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.**