**LEHIGH UNIVERSITY**

**Department of Mechanical Engineering and Mechanics**

**ME 231 FLUID MECHANICS Spring 2010**

**Lecture Schedule**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **No** | **Reading** | **Homework** | **Due Date** |
| Jan 18Jan 20Jan 22 | 123 | Chapter 1Vector Calc/Units2.1, 2.2 | 1.18, 1.262.1 5-8, 2.6, 2.17 | Jan 27 |
| Jan 25Jan 27Jan 29 | 456 | 2.3 2.4 2.5, 2.63.1, 3.2, 3.3 | 2.30, 2.35, 2.40, 2.51,3.6, 3,16 | Feb 3 |
| Feb 1Feb 3Feb 5 | 789 | 3.4, 3.53.5, 3.64.1, 4.2 | 3.51, 3.52,3.70, 3.73,4.10 | Feb 10 |
| Feb 8Feb 10Feb 12 | 101112 | 4.34.44.4 | 4.21, 4.29, 4.324.66, 4.71, 4.83 |  Feb 17 |
| Feb 15Feb 17Feb 19 | 13 | 4.8**Review** **MID TEST #1** |  4.87, 4.91 |  Feb 24 |
| Feb 22Feb 24Feb 26 | 141516 | 5.15.35.4 | 5.2, 5.8, 5.29, 5.43, 5.60, 5.66, 5.83 | March 3  |
| March 1March 3March 5 | 171819 | 6.16.26.3  | 6.3, 6.23, 6.77, 6.83, 6.86 | March 17 |
| **SPRING**  |  | **BREAK** |  |  |
| March 15March 17March 19 | 202122 | 7.1-7.37.4, 7.57.6 | 7.4, 7.22, 7.307.46, 7.53 |  March 24 |
| March 22March 24March 26 | 232425 | Project8.1, 8.2, 8.38.4 to 8.6 | 8.9, 8.13, 8.21, 8.488.59 | March 31 |
| March 29March 31April 2 | 262728 | 8.78.88.8 | 8.71, 8.76, 8.83, 8.142,  | April 7 |
| April 5April 7April 9 | 2930 | 9.1, 9.2, 9.39.4, 9.5,9.6**Review** | 9.10, 9.18, 9.92, 9.115 | April 14 |
| April 12April 14April 16 | 3132 | **MID TEST #2**9.7, 9.812.1, 12.2 | 12.24, 12.32, 12.37 |  April 21  |
| April 19April 21April 23 | 333435 | 12.3, 12.413.113.1 | 13.14, 13.15, 13.17 | April 28 |
| April 26April 28April 30 | 3637  | 13.213.2Review  |  |   |
|  **FINAL** |   | EXAM |   |   |