**LEHIGH UNIVERSITY**

**Department of Mechanical Engineering and Mechanics**

**ME 231 FLUID MECHANICS Spring 2010**

**Lecture Schedule**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **No** | **Reading** | **Homework** | **Due Date** |
| Jan 18  Jan 20  Jan 22 | 1  2  3 | Chapter 1  Vector Calc/Units  2.1, 2.2 | 1.18, 1.26  2.1 5-8, 2.6, 2.17 | Jan 27 |
| Jan 25  Jan 27  Jan 29 | 4  5  6 | 2.3 2.4  2.5, 2.6  3.1, 3.2, 3.3 | 2.30, 2.35,  2.40, 2.51,  3.6, 3,16 | Feb 3 |
| Feb 1  Feb 3  Feb 5 | 7  8  9 | 3.4, 3.5  3.5, 3.6  4.1, 4.2 | 3.51, 3.52,  3.70, 3.73,  4.10 | Feb 10 |
| Feb 8  Feb 10  Feb 12 | 10  11  12 | 4.3  4.4  4.4 | 4.21, 4.29, 4.32  4.66, 4.71, 4.83 | Feb 17 |
| Feb 15  Feb 17  Feb 19 | 13 | 4.8  **Review**  **MID TEST #1** | 4.87, 4.91 | Feb 24 |
| Feb 22  Feb 24  Feb 26 | 14  15  16 | 5.15.35.4 | 5.2, 5.8, 5.29, 5.43, 5.60, 5.66, 5.83 | March 3 |
| March 1  March 3  March 5 | 17  18  19 | 6.1  6.2  6.3 | 6.3, 6.23, 6.77, 6.83, 6.86 | March 17 |
| **SPRING** |  | **BREAK** |  |  |
| March 15  March 17  March 19 | 20  21  22 | 7.1-7.3  7.4, 7.5  7.6 | 7.4, 7.22, 7.30  7.46, 7.53 | March 24 |
| March 22  March 24  March 26 | 23  24  25 | Project  8.1, 8.2, 8.3  8.4 to 8.6 | 8.9, 8.13, 8.21, 8.48  8.59 | March 31 |
| March 29  March 31  April 2 | 26  27  28 | 8.78.88.8 | 8.71, 8.76, 8.83, 8.142, | April 7 |
| April 5  April 7  April 9 | 29  30 | 9.1, 9.2, 9.3  9.4, 9.5,9.6  **Review** | 9.10, 9.18, 9.92, 9.115 | April 14 |
| April 12  April 14  April 16 | 31  32 | **MID TEST #2**  9.7, 9.8  12.1, 12.2 | 12.24, 12.32, 12.37 | April 21 |
| April 19  April 21  April 23 | 33  34  35 | 12.3, 12.4  13.1 13.1 | 13.14, 13.15, 13.17 | April 28 |
| April 26  April 28  April 30 | 36  37 | 13.2 13.2 Review |  |  |
| **FINAL** |  | EXAM |  |  |