**University of Maryland Baltimore County**

**Mechanical Engineering**

Course: ENME220 - Strength of Materials

Textbook: Mechanics of Materials (3rd Edition**)**

# By Timothy A. Philpot

**Summer / 2017 Tues/Thurs (6-830 pm)**

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| --- | --- | --- | --- | --- |
| Week  No. | Lesson  Day | Date | Reading Assignment  (Before Class) | Problem Assignment  (Due Next Class) |

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| --- | --- | --- | --- | --- |
| 1 | Tues | 30 May | Preface, 1.1-1.5/M1.11 | M1.1/P1.6, P1.10, P1.18, P1.24  M1.4/P1.35, P1.39 |
|  | Thurs | 1 Jun | 2.1-2.4  3.1-3.4 | M2.3/P2.4, P2.13, P2.15  M3.3/P3.21 |
| 2 | Tues | 6 Jun | 4.1-4.4  5.1-5.4 | M4.2/P4.3  M5.1,M5.3,M5.4/P5.8, P5.17 |
|  | Thurs | 8 Jun | 5.4-5.7 | M5.6/P5.29  M5.13/P5.60, P5.68, P5.73 |
| 3 | Tues | 13 Jun | 6.1-6.9 | M6.1/P6.4,P6.8, P6.16, 6.17  M6.11/P6.26, P6.39  M6.19/P6.66, P6.67 |
|  | Thurs | 15 Jun | **Exam No. 1**  7.1-7.4 | M7.2, P7.56, P7.60 |
| 4 | Tues | 20 Jun | 8.1-8.5  8.7 | M8.3, M8.9/P8.6, P8.20  M8.15/P8.37  M8.20, M8.22/P8.52, P8.53, P8.57 |
|  | Thurs | 22 Jun | 9.1-9.7  10.1-10.7 | M9.4/P9.11, P9.22, 9.32  P10.33, P10.38, P10.32, P10.37  M10.4/P10.50c, P10.56 |
| 5 | Tues | 27 Jun | 11.1-11.5 | M11.1,M11.2/P11.19,P11.24, P11.29 |
|  | Thurs | 29 Jun | 12.1-12.9 | M12.1/P12.7, P12.16  M12.5/P12.26, P12.30, P12.38  P12.48 |
| 6 | Tues | 4 Jul | Holiday |  |
|  | Thurs | 6 Jul | **Exam No. 2**  12.10 | M12.11/P12.70, P12.85 |
| 7 | Tues | 11 Jul | 15.5  13.1-13.8  14.1-14.4 | P15.68, P15.72  M13.4, M13.5/P13.7, P13.10, P13.30  M13.6/P13.52, P13.63, P13.69  P14.6, P14.12, P14.17 |
|  | Thurs | 13 Jul | 15.1-15.5 | P15.9, P15.15, P15.22, P15.47, P15.75, P15.76 |
| 8 | Tues | 18 Jul | 16.1-16.3 | P16.6, P16.10, P16.15, P16.31 |
|  | Thurs | 20 Jul | **Final Exam** |  |