MA 224                         Assignment Sheet                         Summer 2009

Text: Applied Calculus by L. D. Hoffman and G. L. Bradley, Expanded ninth edition, McGraw Hill, 2007.

A **one-line, scientific calculator** with logarithm and exponential functions is required, and only one–line calculators are allowed.

| Lessons | Sections | Assignments |
|---|---|---|
| 1 | 5.1 | $p371 : 1, 3, 6, 7, 10, 12, 21, 31, 32, 33, 36, 37, 40, 44, 45, 47$ |
| 2 | 5.2 | $p383 : 3, 6, 9, 12, 13, 15, 16, 37, 41, 50$ |
| 3 | 5.2 | $p384 : 17, 21, 23, 25, 28, 36, 39, 57a$ |
| 4 | 5.3 | $p399 : 7, 9, 12, 20, 21, 22, 23, 24, 26, 27$ |
| 5 | 5.3 | $p400 : 31, 36, 40, 41, 47, 54, 58, 61$ |
| 6 | 5.4 | $p416 : 1, 2, 4, 6, 7, 9, 11, 12, 13, 14, 18, 20, 22, 25$ |
| 7 | 5.4, 5.5 | $p417 : 27, 35, 37, 47, 49;\ p430 : 1, 2, 8, 11, 15, 16, 18$ |
| 8 | 6.1 | $p475 : 1, 2, 4, 5, 7, 10, 11, 14, 23, 15, 16, 17, 18, 39, 40, 42$ |
| 9 | | REVIEW FOR EXAM 1 |
| 10 | | EXAM 1 IN CLASS |
| 11 | 6.2 | $p484 : 1, 5, 6, 7, 8, 9, 10, 11, 14, 17, 20, 23$ |
| 12 | 6.3 | $p494 : 3, 6, 7, 10, 11, 37, 41$ (Trapezoidal Rule only on all problems) |
| 13 | 7.1 | $p522 : 1, 6, 13, 14, 17, 19, 20, 21, 23$ |
| 14 | 7.2 | $p536 : 1, 2, 3, 4, 6, 8, 9, 11, 13, 18, 19, 21, 22, 23, 24, 57, 62, 64$ |
| 15 | 7.2 | $p536 : 27, 29, 30, 37, 38, 40, 43, 46, 63, 66, 68, 69, 70$ |
| 16 | 7.3 | $p549 : 2, 4, 5, 6, 7, 8, 9, 13, 15$ |
| 17 | 7.3 | $p550 : 22, 23, 25, 30, 31, 36$ |
| 18 | 7.4, 7.5 | $p561 : 4, 5, 6, 7, 17, 18, 22;\ p576 : 1, 2, 3, 4, 5, 7, 8, 9, 11$ |
| 19 | 7.5 | $p576 : 17, 19, 22, 24, 26, 30$ |
| 20 | | REVIEW FOR EXAM 2 |
| 21 | | EXAM 2 |
| 22 | 7.6 | $p591 : 1, 3, 4, 5, 7, 8, 11, 12, 13, 14, 15, 16, 18$ |
| 23 | 8.1 | $p621 : 29, 32, 33, 35, 37, 40, 1, 2, 3, 4, 5$ |
| 24 | 8.1 | $p621 : 10, 11, 13, 14, 21, 22, 23, 24, 25$ |
| 25 | 8.1 | $p622 : 45, 46ab, 47$ |
| 26 | 10.2 | $p761 : 1, 2, 3, 4, 5, 6, 9, 10, 11, 12, 13$ |
| 27 | 10.2 | $p762 : 15, 17, 18, 20, 23$ |
| 28 | 9.1 | $p699 : 1, 2, 4, 5, 6, 7, 8, 9, 10$ |
| 29 | 9.1 | $p700 : 11, 13, 14, 15, 16, 17, 19, 20, 23, 34, 35$ |
| 30 | | REVIEW FOR EXAM 3 |
| 31 | | EXAM 3 |
| 32 | 9.1, 9.2 | $p700 : 37, 39, 43, 46a, 48;\ p712 : 17, 19, 20$ |
| 33 | 9.3 | $p727 : 4, 5, 6, 8.10, 11, 12$ |
| 34 | 9.3 | $p727 : 16, 18, 20, 22, 23$ |
| 35 | 9.3 | $p727 : 26, 27, 37, 38, 39$ |
| 36 | | REVIEW FOR THE FINAL EXAM |