MA 223                          Assignment Sheet                          Spring 2006

Text: Applied Calculus by S.T. Tan, Sixth Edition, Brooks/Cole, 2005.

A calculator with logarithm and exponential functions is required. **Graphing calculators or programmable calculators may not be used on quizzes or exams**. Calculators which are capable of numerical or symbolic differentiation or integration are considered programmable and are not allowed on quizzes or exams. All graphs must be sketched by hand and be on graph paper.

| Lessons | Sections | Assignments |
|---------|----------|-------------|
| 1 | 1.2 | $p23 : 47, 48, 49, 54, 55, 56, 59, 60, 69, 70$ |
| 2 | 1.4 | $p43 : 11, 14, 19, 22, 29, 30, 32, 33, 41, 44, 45, 46$ |
| 3 | 2.1 | $p58 : 3, 7, 12, 23, 24, 27, 29, 34, 37, 42, 45, 70, 75$ |
| 4 | 2.2 | $p76 : 26, 28, 29, 31, 34, 35, 37, 39, 44, 47, 51$ |
| 5 | 2.3 | $p87 : 15, 16, 17, 18, 20, 24, 28, 31, 33, 60, 63, 65$ |
| 6 | 2.4 | $p111 : 4, 6, 8, 9, 14, 33, 51, 56, 57, 60, 62$ |
| 7 | 2.4, 2.5 | $p113 : 64, 66, 67, 68, 73, 76, 77, 78; p127 : 1, 4, 6, 40, 41, 42$ |
| 8 | 2.5, 2.6 | $p129 : 55, 58, 60, 61, 63, 64, 70; p150 : 12, 15$ |
| 9 | 2.6 | $p150 : 16, 19, 22, 23, 26, 29, 32, 34$ |
| 10 | 3.1 | $p168 : 2, 5, 10, 13, 14, 20, 21, 23, 26, 30, 33, 34, 35, 36$ |
| 11 | 3.1 | $p169 : 42, 44, 46, 47, 51, 54, 55, 56, 59$ |
| 12 | | REVIEW FOR EXAM 1 |
| 13 | | EXAM 1 IN CLASS |
| 14 | 3.2 | $p182 : 1, 5, 6, 8, 16, 17, 20, 21, 25, 26$ |
| 15 | 3.2 | $p183 : 10, 29, 31, 32, 33, 39, 44, 46, 47, 50, 56, 57$ |
| 16 | 3.3 | $p195 : 2, 3, 5, 9, 11, 13, 16, 18, 21, 31, 32$ |
| 17 | 3.3 | $p195 : 34, 39, 42, 49, 52, 55, 56, 57, 78$ |
| 18 | 3.4 | $p212 : 4, 5, 6ab, 10, 12, 13abc, 15ab, 16$ |
| 19 | 3.5 | $p219 : 5, 7, 10, 14, 15, 18, 19, 29, 34$ |
| 20 | 3.6 | $p231 : 2, 4, 9, 12, 13, 14, 20, 22, 31, 33, 34$ |
| 21 | 3.6 | $p232 : 39, 40, 41, 48, 49, 50, 52, 54, 56, 60$ |
| 22 | 3.7 | $p244 : 15, 16, 17, 18, 20, 21, 23, 24, 30, 32, 35, 38$ |
| 23 | 4.1 | $p263 : 13, 19, 21, 22, 24, 26, 30, 33, 34$ |
| 24 | | "CATCH UP" AND/OR STRUCTURED REVIEW FOR EXAM 2 |
| 25 | | OPTIONAL REVIEW FOR EXAM 2 (EVENING EXAM) |
| 26 | 4.1 | $p264 : 53, 55, 60, 61, 64, 66, 73, 74, 79, 87$ |
| 27 | 4.2 | $p283 : 22, 26, 35, 40, 44, 45, 54, 56, 59, 61, 68$ |
| 28 | 4.2 | $p281 : 9, 10, 11, 12, 69, 70, 71, 75, 83, 85$ |
| 29 | 4.3 | $p297 : 12, 19, 20, 33, 34, 35, 39, 42$ |
| 30 | 4.3 | $p299 : 44, 49, 52, 54, 56$ |
| 31 | 4.4 | $p312 : 16, 18, 20, 23, 25, 31, 35, 45, 51ab, 56$ |
| 32 | 4.5 | $p325 : 1 - 8$ |
| 33 | 4.5 | $p326 : 9, 10, 15, 16, 21, 23, 28$ |
| 34 | 5.1 | $p337 : 19, 22, 23, 24, 25, 26, 28, 29, 32$ |
| 35 | 5.2 | $p347 : 18, 19, 22, 23, 25, 27, 31, 32, 34, 36, 40, 41, 42$ |
| 36 | 5.3 | $p359 : 2, 3, 7, 9, 10, 12, 18, 21, 22, 25, 28, 34, 37$ |
| 37 | | REVIEW FOR EXAM 3 |
| 38 | | EXAM 3 IN CLASS |
| 39 | 5.4 | $p368 : 2, 4, 7, 9, 13, 20, 22, 23, 27, 34, 36, 37, 39$ |
| 40 | 5.4, 5.5 | $p368 : 47, 48, 54; p379 : 4, 6, 10, 14, 15, 21, 27$ |
| 41 | 5.5 | $p379 : 48, 50, 51, 54, 56, 63, 64$ |
| 42 | 5.6 | $p388 : 3, 6, 7, 8, 9, 15, 23$ |
| 43 | | REVIEW FOR FINAL EXAM |
| 44 | | REVIEW FOR FINAL EXAM |