

Text: Technical Calculus with Analytic Geometry by Peter Kuhfittig, Fourth Edition, Brooks/Cole, 2005

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

| <u>Lessons</u> | <u>Sections</u> | <u>Assignments</u> |
|----------------|-----------------|--|
| 1 | 6.1-3 (Review) | p218: 7, 17, 21, 35, 38; p222: 9, 21, 33, 58; p251: 9, 10 |
| 2 | 6.6 | p232: 1, 4, 7, 11, 14, 15, 20, 22, 23, 25, 28, 30, 33, 38, 43, 46, 47 |
| 3 | 6.7 | p237: 2, 8, 13, 15, 16, 22, 28, 32 |
| 4 | 6.8 | p240: 1, 6, 7, 17, 18, 20, 21, 25, 30, 45 |
| 5 | 6.10 | p247: 1, 3, 7, 10, 13, 16, 17 |
| 6 | 7.1 | p254: 1, 4, 5, 6, 7, 9, 12, 13, 25, 32 |
| 7 | 7.2 | p257: 3, 4, 7, 10, 15, 19, 20, 29, 38, 48, 50 |
| 8 | 7.3 | p260: 2, 3, 9, 10, 17, 22, 28, 31, 33, 34, 42 |
| 9 | 7.7 | p278: 1, 2, 5, 6, 7, 10, 12, 17 |
| 10 | 7.7 | p278: 19, 20, 22, 25, 26 |
| 11 | | REVIEW FOR EXAM 1 |
| 12 | | EXAM 1 IN CLASS |
| 13 | 7.8 | p287: 1, 2, 5, 9, 10, 12 |
| 14 | 7.8 | p288: 18, 19, 20, 21, 22 (Just give the partial fraction expansion. Do not integrate.) |
| 15 | | p291: (Review Exercises) 1, 2, 5, 7, 10, 11, 13, 22, 26, 41 |
| 16 | 10.1 | p365: 1, 2, 4, 5, 7, 10, 12, 15, 20 |
| 17 | 10.3 | p376: 1, 2, 5, 8, 12 |
| 18 | 10.4 | p380: 1, 4, 5, 7, 9, 12, 13, 14, 18 |
| 19 | 10.5 | p386: 1, 4, 5, 9, 12, 13, 14 |
| 20 | 10.5 | p386: 15, 17, 19, 21, 25, 27 |
| 21 | 10.6 | p397: 1, 2, 3, 4 |
| 22 | | “CATCH UP” AND/OR STRUCTURED REVIEW FOR EXAM 2 |
| 23 | | OPTIONAL REVIEW FOR EXAM 2 (EVENING EXAM) |
| 24 | 10.6 | p397: 5, 6, 7, 8; p398: 26 |
| 25 | 11.1 | p402: 2, 4, 5, 9, 13, 15, 18, 20 |
| 26 | 11.2 | p407: 1, 5, 8, 9, 11, 13, 15, 21, 33, 35, 36 |
| 27 | 11.3 | p412: 2, 5, 9, 12, 15, 25, 29, 36 |
| 28 | 11.4 | p419: 3, 6, 7, 8, 12, 13 |
| 29 | 11.4 | p419: 14, 16, 15, 22, 24, 26 |
| 30 | 12.1 | p431: 2, 4, 7, 9, 11, 12, 14, 29, 30 |
| 31 | 12.2 | p434: 1, 4, 5, 10, 11, 15, 17, 21, 45, 46, 47 |
| 32 | 12.3 | p440: 1, 5, 7, 8, 10, 14, 15, 16, 20 |
| 33 | 12.3 | p441: 21, 24, 25, 27, 29, 30, 35, 37, 40 |
| 34 | 12.4 | p449: 1, 2, 3, 4, 5, 9, 10, 11, 14, 15, 16 |
| 35 | | p450: (Review Exercises) 4, 8, 12, 15, 17, 21, 22, 25 |
| 36 | | REVIEW FOR EXAM 3 |
| 37 | | EXAM 3 IN CLASS |
| 38 | 13.1-3 | p459: 2, 3, 5, 7, 10, 12 |
| 39 | 13.1-3 | p459: 14, 16, 19, 20, 21, 24 |
| 40 | 13.1-3 | p459: 37, 38, 39, 42, 45, 48 |
| 41 | 13.4 | p464: 1, 5, 7, 8, 11, 12, 14 |
| 42 | 13.4 | p464: 16, 17, 18, 19, 21, 24, 28 |
| 43 | | REVIEW FOR FINAL EXAM |
| 44 | | REVIEW FOR FINAL EXAM |