

MTH 129 SYLLABUS

Textbook: College Algebra, Wright State University, 5th edition, by Stewart, Redlin, and Watson (2008), Cengage Learning

A TI-82 or an equivalent calculator **is required**.

* - Students are expected to know the material. Sections will not be covered in class.

| Section | Hours | Suggested Exercises |
|---------|-------|---|
| *P.3 | 0 | pg.18 #25, 26, 27, 28, 30, 32, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 48, 50, 51, 53, 54, 55, 56, 57, 66 |
| *P.4 | 0 | pg.25 #13, 18, 23, 26, 43, 51, 52;63, 64, 68, 70, 71, 107, 108, 109 |
| *P.5 | 0 | pg.30 #17, 19, 20, 21, 52, 63, 64, 67, 68 Write answers in exact form. |
| &P.6 | 0 | pg.36 #24, 29, 30, 36, 52, 66, 69, 70, 80, 81 |
| *P.7 | 0 | pg.43 #50, 56, 63, 68, 73, 79, 87, 88, 89, 90, 91, 92, 93, 94 |
| *P.8 | 0 | pg.52 #17, 20, 22, 23, 25, 27, 28, 34, 42, 43, 59, 60, 71, 73, 74, 77, 84, 85, #86, 87 |
| S1.1 | ½ | pg.72 #32, 39, 40, 42, 43, 47, 86, 88, 89, 90 |
| P.1 | ½ | pg.5 #14, 18, 19, 21, 22, 24, 26 |
| S1.2 | 1 | pg.82 #8, 10, 11, 14, 15, 17, 18, 19, 21, 24, 27, 28, 31, 32, 33, 35, 36 |
| S1.2 | 1 | pg.82 #39, 40, 43, 44, 45, 47, 49, 50, 52, 53, 56, 57, 58, 59, 63, 64 |
| S1.3 | 1 | pg.94 #7, 10, 12, 15, 21, 22, 23, 26, 27, 30, 33, 35, 38, 43, 44, 54, 55 |
| S1.3 | 1 | pg.94 #61, 62, 64, 66, 68, 70, 71, 74, 75, 76, 80, 82, 83, 86, 87, 89, 90, 92, 95, 96, 98, 102, 103, 104 |
| S1.6 | ½ | pg.119 #15, 16, 19, 20, 25, 29, 30, 31, 32, 33, 83 |
| S1.6 | 1 | pg.119 #35, 37, 40, 41, 42, 47, 56, 58, 61, 65, 67, 70, 91, 94 |
| S1.7 | ½ | pg.124 #11, 12, 13, 16, 27, 29, 34, 35, 36, 41, 42, 43, 44, 45, 47, 49, 51, 53, #54, 56, 58 |
| S2.1 | ½ | pg.142 #22, 23, 29, 30, 31, 33, 36, 40, 41, 43, 44, 47, 49, 51, 53, 56, 57, 58 |

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| S2.2 | 1 | pg.154 | #37, 38, 39, 40, 42, 43, 46, 56, 57, 58, 59, 62, 63, 64, 65, 67, 68, 69, 70 |
| *82.3 | 0 | pg.164 | #9, 10, 16, 20, 27, 28 |
| S2.4 | 1 | pg.176 | #17, 18, 22, 24, 29, 30, 32, 35, 46, 50, 51, 52, 59, 61, 65, 71, 72, 73, 74, 76 |
| S3.1 | 1 | pg.211 | #18, 21, 22, 24, 27, 30, 31, 34, 36, 41, 50, 51, 52, 53, 57, 58, 69, 76, 78, 79 |
| S3.2 | 1 | pg.223 | #21, 22, 24, 25, 51, 52, 53, 54, 62, 69, 71, 72, 33, 35, 36, 37, 39, 40, 41, 42, 43, 44, 49, 50, 53, 54, 65, 70, 71, 72 |
| S3.3 | 1 | pg.232 | #6, 7, 8, 9, 12, 14, 16, 18, 19, 21, 22, 43, 45, 47 |
| S3.4 | ½ | pg.240 | #6, 7, 8, 9, 12, 15, 16, 18, 19, 23, 26 |
| Handout | 1½ | (Mathematical Modeling) | |
| S3.6 | 1 | pg.260 | #22.23.25.29, 30, 31, 32, 35, 38, 41, 44, 49, 50, 52, 61, 62, 63, 65 |
| Modeling | 1 | pg.285 | #2, 5, 6, 9, 10, 11, 12, 13, 16 |
| S4.1 | 1 | pg.297 | #6, 7, 16, 29, 30, 32, 35, 39, 40, 43, 44, 45, 46, 52, 53, 63, 64, 75 |
| S4.2 | 1 | pg.312 | #9, 10, 11, 12, 13, 14, 15, 20, 23, 30, 31, 34, 35 |
| S4.6 | 1 | pg.356 | #13, 18, 19, 22, 23, 32, 42, 45, 47, 51, 52 |
| S5.1 | 1 | pg.379 | #19, 20, 21, 22, 23, 24, 25, 26, 44, 59, 60, 62, 69, 71, 73, 75 |
| S5.2 | 1 | pg.391 | #8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 29, 30, 33, 34, 36, 65, 66, 90 |
| S5.3 | 1 | pg.399 | #7, 8, 12, 13, 15, 16, 18, 22, 24, 27, 32, 35, 36, 37, 38, 39, 45, 47, 48, 50, 51, 52, 53, 57, 60, 62, 72, 73 |
| S5.4 | 1 | pg.408 | #7, 8, 9, 10, 12, 13, 18, 19, 25, 28, 71, 75, 77, 79 |
| S5.4 | 1 | pg.408 | #29, 33, 35, 36, 41, 42, 44, 45, 46, 47, 49, 52, 54, 55, 58 |
| S6.1 | ½ | pg.448 | #7, 8, 9, 10, 31, 34, 35, 38 |

Total: 25 hours

Leeway: 5 hours for review, tests, quizzes, etc.

Revised: Fall 2008