

MTH 128 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**.

* - No time has been allocated for these topics to be covered in MTH 128, however, students are expected to know the material.

Section	Hours	Suggested Exercises
P.3	$1\frac{1}{2}$	pg. 18 #25, 26, 27, 28, 30, 32, 36, 37, 38, 40, 41, 42, 43, 44, 45, 46, 48, 50, 51, 53, 54, #55, 56, 57, 66
P.4 & P.5	1	pg. 25 #13, 18, 26, 43, 51, 52, 63, 64, 68, 70, 71, 107, 108, 109 pg. 30 #17, 19, 20, 21, 52, 63, 64, 67, 68 Write answers in exact form.
P.6 & P.7	1	pg. 36 #24, 29, 30, 36, 52, 66, 69, 70, 80, 81 pg. 43 #50, 56, 63, 68, 73, 79, 87, 88, 89, 90, 91, 92, 93, 94
P.8	1	pg. 52 #17, 20, 22, 23, 25, 27, 28, 34, 42, 43, 59, 60, 71, 73, 74, 77, 84, 85, 86, 87
S1.1 & P.1	1	pg. 72 #32, 39, 40, 42, 43, 47, 86, 88, 89 pg. 5 #14, 18, 19, 21, 22, 24, 26
S1.2	$1\frac{1}{2}$	pg. 82 #8, 10, 11, 14, 15, 18, 19, 21, 24, 27, 28, 31, 32, 33, 35, 36
S1.2	$1\frac{1}{2}$	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, 49, 52
S1.3	1	pg. 94 #61, 62, 64, 66, 68, 70, 71, 74, 75, 76, 80, 82, 83, 86, 87, 89, 90, 92, 94, 95, 96, #102, 103, 104
S1.6	1	pg. 119 #4, 7, 8, 9, 13, 15, 16, 18, 20, 25, 26, 29, 30, 31, 32, 33
S1.6	1	pg. 119 #35, 37, 40, 41, 42, 47, 56, 58, 61, 65, 67, 70, 82, 83, 91, 94, 95
S1.7	1	pg. 124 #11, 12, 13, 16, 27, 29, 34, 35, 36, 41, 42, 43, 44, 47, 49, 51, 53, 56, 57, 58
S2.1	1	pg. 142 #22, 23, 29, 30, 31, 33, 36, 40, 41, 43, 44, 47, 49, 51, 53, 56, 57, 58,
S2.2	$1\frac{1}{2}$	pg. 154 #37, 38, 39, 40, 42, 43, 46, 56, 57, 58, 59, 62, 63, 64, 65, 67, 68, 69, 70
*S2.3	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
S3.2	1	pg. 223 #33, 35, 36, 37, 40, 41, 42, 43, 44, 49, 50, 65, 70
S3.3	1	pg. 232 #6, 7, 8, 9, 12, 14, 16, 18, 19, 21, 22, 43, 45, 47
S3.4	$\frac{1}{2}$	pg. 240 #6, 7, 8, 9, 12, 15, 16, 18, 19, 23, 26
Handout	$1\frac{1}{2}$	(Mathematical Modeling)
S3.6	1	pg. 260 #22, 23, 25, 29, 30, 31, 32, 35, 38, 41, 44, 49, 50, 52, 61, 62, 63, 64, 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, 69, 75
S4.2	1	pg. 312 #9, 10, 11, 12, 13, 14, 15, 20, 23, 30, 31, 34, 35
S4.6	$1\frac{1}{2}$	pg. 356 #13, 18, 19, 22, 23, 32, 42, 45, 47, 51, 52
S5.1	$1\frac{1}{2}$	pg. 379 #19, 20, 21, 22, 23, 24, 25, 26, 44, 59, 60, 62, 69, 71, 73, 75
S5.2	$1\frac{1}{2}$	pg. 391 #8, 9, 10, 14, 15, 16, 21, 22, 23, 24, 25ab, 26bc, 29, 30, 33, 34, 36
S5.2	$\frac{1}{2}$	pg. 391 #11, 12, 17, 18, 25c, 26a, 64, 65, 66, 90
S5.3	1	pg. 399 #7, 8, 12, 13, 15, 16, 18, 22, 24, 27, 35, 36, 39, 45, 47, 48, 49
S5.3	$1\frac{1}{2}$	pg. 399 #32, 37, 38, 50, 51, 52, 53, 57, 60, 62, 66, 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	1	pg. 448 #7, 8, 9, 10, 31, 34, 35, 38

Total: 37 hours

Leeway: 13 hours for review, tests, quizzes, etc.

Revised: Winter 2009

* - S2.3 is for independent study as needed.