

MTH 130 - Pre-Calculus

Text: Ratti and McWaters *College Algebra and Trigonometry* 1st ed.

A graphing calculator is required. It is the student's responsibility to learn how to use the calculator. Students may not use a calculator capable on algebraic manipulations [e.g., the TI-89] on the common final exam. The estimated times below add up to about 9 weeks. The instructor is free to adjust these times up or down.

Chapter 1	About 1 week
1.1	3 34 46 64 66 80 86
1.3	8 20 40 66 80
1.4	13 24 37 51 63 65 68 91 95 99 104 107 111
1.5	2 8 20 34 37 38 44 47 76 77 83 87 93
1.6	11 18 33 51 56 60 66 79 82 86
1.7	15 18 21 26 28 29 45 51 55 68 70
1.8	6 12 30 33 42 47 53 56 77 78 81
Chapter 2	About 1.5 weeks
2.1	9 14 18 28 35 37 39 51
2.2	5 16 17 35 49 63 64 66 72 73 81 82
2.3	15 22 28 29 35 42 43 45 55 83 86 101
2.4	4 7 10 35 37 43 44 47 51 57 59 63 64 65 75 77 84 101 104 106
2.5	3 23 39 41 43 45 49 52 64 65 70
2.6	3 6 7 11 19 20 21 22 23 31 33 41
2.7	5 11 15 21 33 40 45 49 50 53 60 63 65 68 70 71
2.8	5 6 7 14 23 29 31 39 55 59 60 61 62 75
Chapter 8	About 1.5 weeks
8.1	1 24 34 44 82 97 100 103
8.2	7 14 17 28 37 40 53 56 61
8.3	6 8 10 22 23 26 35 36 45 53 60 63
8.5	4 15 20 29 40 46 82 107 no inequalities
Chapter 11	About 1.5 weeks
11.1	8 26 30 39 46 52 56 65 68 85
11.3	8 12 17 19 20 29 40 43 46 49 57 61 63 69 76
11.5	2 13 22 28 34 41 43 46 52 62 63 70
Chapter 3	About 1.5 weeks
3.1	8 17 39 47 51 57 60 61 72 73 81 85 88 89 91 95 96
3.2	25 29 32 37 38 47 50 52 57 58 77 78 80 81 83
3.3	11 12 15 17 27 44 45 51 54 59 67 71 79 83 84 91 97 100
3.4	22 24 29 35 38 44 54 skip Descartes rule of signs and Bounds on the real zeros
3.5	7 9-18 26 29 32 36 39 42 46 47 57 58 96 skip oblique asymptotes
Chapter 4	About 1.5 weeks
4.1	15 19 29 30 31 32 48 51 52 54 57 67 72 76 87 91 94
4.2	14 21 23 29 33 40 41 43 47 52 pp 444-6 only
4.3	1 10 12 25 35 47 53 58 94 96
4.4	5 7 10 13 15 27 32 34 42 47 51 61 62 63 64 67 69 74 75 82 84 85 87
4.5	16 21 27 37 38 40 42 49 59 71 73 79 80 81 and 8.5: 100 102 103
Chapter 10	About 0.5 weeks
10.2	1 3 21 29 31 41 48 50 57 63
10.3	11 17 22 27 29 45 46 48 51 66 67 81 83
10.4	9 15 16 27 35 49 56 58 60 69 74 93 97