The following sections from the text are to be covered. Submitted work for homework, quizzes, worksheets, tests, and the final exam must show **all** work. Only writing the answer of each problem is **not** enough.

Precalculus Fall 2025
Instructors will assign exercises from Technology Highlights throughout the semester.

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3	4.3	375	Logarithms and Logarithmic Functions 11, 12, 17, 22, 29, 34, 35, 41, 46, 47, 50, 55, 58, 61, 64, 67, 73, 76, 78, 84, 91
3	4.4	392	Properties of Logarithms; Solving Exponential/Logarithmic Equations 9, 12, 15, 18, 21, 24, 36, 37, 41, 45, 50, 53, 59, 65, 66, 75, 77, 83, 85, 91, 93, 94, 103, 106, 109, 110, 111, 117, 119, 127, 132
4	5.1	435	Angle Measure, Special Triangles, and Special Angles 7, 27, 30, 33, 36, 40, 41, 44, 46, 48, 51, 53, 56, 61, 64, 67, 70, 73, 79, 82, 87, 90, 95, 98, 99, 100, 102, 105, 107
4 & 5	5.2	449	Unit Circles and the Trigonometry of Real Numbers 9, 12, 13, 14, 21, 22, 27, 28, 31, 34, 37, 38, 39, 40, 41, 43, 44, 47, 50, 54, 55, 71, 73, 76, 78, 79, 84, 87, 90, 93, 98, 99, 101
5	5.3	466	Graphs of the Sine and Cosine Functions; Cosecant and Secant Functions 11, 14, 15, 18, 28, 29, 33, 36, 45, 46, 47, 48, 49, 50, 53, 54, 57, 61, 64, 69
5 & 6	5.4	479	Graphs of Tangent and Cotangent Functions 11, 12, 13, 14, 17, 20, 21, 24, 25, 28, 33, 35, 39, 40, 42, 43, 45, 50, 54
6	5.5	494	Transformations and Applications of Trigonometric Graphs 15, 16, 17, 18, 25, 28, 30, 33, 37, 38, 43, 47, 48
6 & 7	5.6	506	The Trigonometry of Right Triangles 9, 10, 13, 16, 17, 20, 23, 26, 27, 30, 31, 34, 35, 42, 49, 54, 71, 72, 75, 78, 79
7	5.7	519	Trigonometry and the Coordinate Plane 7, 9, 12, 14, 15, 18, 23, 33, 36, 38, 43, 44, 45, 46, 51, 54, 55, 56, 59, 61, 63, 70, 72, 75, 80, 84, 85, 108
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8	6.2	555	Constructing and Verifying Identities 14, 17, 20, 23, 26, 29, 34, 37, 40, 45, 48, 52, 55, 58
8 & 9	6.3	563	The Sum and Difference Identities 7, 10, 12, 13, 16, 17, 20, 21, 22, 25, 26, 27, 28, 30, 31, 33, 36, 39, 42, 45, 48, 49, 52, 57, 60, 65, 66, 76
9 & 10	6.4	576	The Double-Angle, Half-Angle, and Product-to-Sum Identities 7, 12, 14, 15, 17, 20, 23, 24, 28, 30, 32, 35, 37, 40, 45, 48, 49, 52, 54, 56, 59, 60, 65, 66, 67, 73, 76, 77, 80, 82, 83, 89, 92, 97
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