

**Course Schedule:** Below is a week-by-week breakdown of course coverage. Schedule is subject to change with email notice given, if that were to happen.

Week	Dates	Coverage
1	Jan 14 & 16	<i>Course Intro</i> 1.1 – Angles 1.2 – Angle Relationships & Similar Triangles 1.3 – Trigonometric Functions
2	Jan 21 & 23	1.4 – Using the Definitions of the Trig Functions 2.1 – Trigonometric Functions of Acute Angles 2.2 – Trig Functions of Non-Acute Angles
3	Jan 28 & 30	2.3 – Finding Trig Functions Values (Calculator) 2.4 – Solving Right Triangles 2.5 – Further Applications of Right Triangles
4	Feb 4 & 6	<i>Exam #1 (Chap 1 and 2)</i> 3.1 – Radian Measure 3.2 – Applications of Radian Measure
5	Feb 11 & 13	3.3 – The Unit Circle and Circular Functions 3.4 – Linear and Angular Speed 4.1 – Graphs of the Sine and Cosine Functions
6	Feb 18 & 20	4.2 – Translations of Graphs (Sine and Cosine) 4.3 – Graphs of Tangent and Cotangent
7	Feb 25 & 27	4.4 – Graphs of the Secant and Cosecant 4.5 – Harmonic Motion <i>Exam #2 (Chap 3 &amp; 4)</i>
8	Mar 4 & 6	5.1 – Fundamental Identities 5.2 – Verifying Trigonometric Identities 5.3 – Sum & Difference Identities (Cosine)
9	Mar 11 & 13	5.4 – Sum & Difference Identities (Sine & Tangent) 5.5 – Double-Angle Identities 5.6 – Half-Angle Identities
10	Mar 18 & 20	6.1 – Inverse Circular Functions 6.2 – Trigonometric Equations I
11	Mar 24 – 28	<i>Spring Break</i>
12	Apr 1 & 3	6.3 – Trigonometric Equations II <i>Exam #3 (Chap 5 and 6)</i>
13	Apr 8 & 10	7.1 – Oblique Triangles and the Law of Sines 7.2 – The Ambiguous Case of the Law of Sines 7.3 – The Law of Cosines
14	Apr 15 & 17	7.4 – Vectors, Operations and the Dot Product 7.5 – Applications of Vectors 8.1 – Complex Numbers
	Apr 22 & 24	8.2 – Trigonometric Form of Complex Numbers 8.5 – Polar Equations and Graphs 8.6 – Parametric Equations, Graphs & Applications
15	Apr 29 & May 1	<i>Exam #4 (Chap 7 and Sect 8.1 - 8.6)</i> <i>Review for Final Exam</i>
16	May 5 – 9 <b>Finals Week</b>	<b>Final Exam will be given on Tuesday, May 6, 10:15 – 12:15</b>