

MAC 1114 – College Trigonometry**Time Line for classes meeting two days per week******Summer Term – 2017**

Week #	Dates	Topics	Textbook Sections	
			Day 1	Day 2
1	05/08 – 05/11	Angles, Angle Relationships and Similar Triangles Definition of Trigonometric Functions Using the Definitions of Trig Functions	Introductions 1.1, 1.2	1.3, 1.4
2	05/15 – 05/18	Trigonometric Values of Acute Angles Trigonometric Values of Non-Acute Angles Using a Calculator to Find Trig Values Solving Right Triangles	2.1, 2.2	2.3, 2.4
3	05/22 – 05/25	Applications of Right Triangles Review <i>Exam - Chapters 1 & 2</i>	2.5, Review	<i>Exam Chapters 1 & 2</i>
4	05/29 – 06/01	Radian Measure, Applications of Radian Measure The Unit Circle and Circular Functions Linear and Angular Speed	3.1, 3.2	3.3, 3.4
5	06/05 – 06/08	Graphs of Sine and Cosine Translations of the Graphs of Sine and Cosine Graphs of Tangent and Cotangent Graphs of Secant and Cosecant	4.1, 4.2	4.3, 4.4
6	06/12 – 06/15	Harmonic Motion Review <i>Exam - Chapters 3 & 4</i>	4.5, Review	<i>Exam Chapters 3 & 4</i>
7	06/19 – 06/22	Fundamental Identities Verifying Trigonometric Identities Sum and Difference Identities	5.1, 5.2	5.3, 5.4
8	06/26 – 06/29	Double and Half-Angle Identities Product To Sum, Sum To Product Identities Inverse Trigonometric Functions Solving Trigonometric Equations I Solving Trigonometric Equations II	5.5, 5.6	6.1, 6.2, 6.3

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			<i>Day 1</i>	<i>Day 2</i>
9	07/03 – 07/06	Equations with Inverse Trig Functions Review <i>Exam - Chapters 5 & 6</i>	6.4, Review	<i>Exam Chapters 5 & 6</i>
10	07/10 – 07/13	Law of Sines, The Ambiguous Case Law of Cosines Vectors, Operations, and the Dot Product	7.1, 7.2	7.3, 7.4
11	07/17 – 07/20	Applications of Vectors Polar Equations and Graphs	7.5	8.5
12	07/24 – 07/27	Parametric Equations, Graphs & Applications <i>Exam - Chapters 7 & 8</i>	8.6, Review	<i>Exam Chapters 7 & 8</i>
Final Exams	07/31 – 08/01			

***** This schedule is subject to change at any time by your instructor *****

Memorial Day -- Monday, May 29

Independence Day – Tuesday, July 4

Withdrawal Deadline -- Friday, July 7