Course Schedule

Important Dates/Deadlines for Fall 2023 can be found here.

It is strongly suggested that all **Knewton Homework and Quizzes** are due by the "Soft" Due Date (at midnight the night before the next class session) as indicated in the table below. However, Knewton Alta Homework and Quizzes are open and available to improve your score through the "Hard" Due Date (at midnight the night before the Exam) as indicated in the table below.

Date	Class Session Topics	Homework and Quizzes	"Soft" Due Date	"Hard" Due Date
Mon 8/28	Angles and Triangles Degree and Radian Measure	Course Information M1.C5.S1. Angles and Triangles M1.C5.S1. Convert Between Degree and Radian Measure of an Angle	Tues 8/29	Sun 10/1

Wed 8/30	Right Triangle Trig	M1. Evaluate Sine and Cosine Functions With a Calculator M1.C5.S4. Use Right Triangles to Evaluate Sine, Cosine, and Tangent Functions	Tues 9/5	Sun 10/1
Wed 9/6	~~Applications of~~ Right Triangle Trig (continued)	M1.C5.S4. Use Right Triangle Trigonometry in Solving Problems Module 1 Quiz	Sun 9/10	Sun 10/1
Mon 9/11	Introduction to Unit Circle, Sine and Cosine Values in the First Quadrant, Standard Position of Angles, Coterminal Angles	M2.C5.S2. Find Exact Sine and Cosine Values for Angles in the First Quadrant of the Unit Circle M2.C5.S1. Identify the Measure of Positive and Negative Angles in Standard Position and the Quadrant of the Terminal Side M2.C5.S1. Understand When Two Angles are Coterminal	Tues 9/12	Sun 10/1
Wed 9/13	Reference Angles, Sine and Cosine Values in the Unit Circle	M2.C5.S2. Sine and Cosine Values on the Unit Circle M2.C5.S2. Sine and	Sun 9/17	Sun 10/1

		Cosine Values with Reference Angles Module 2 Quiz		
Mon 9/18	Introduction to Sine, Cosine, and Tangent Graphs	M3.C6.S1. Characteristics of Sine and Cosine Graphs M3.C6.S2. Characteristics of Tangent Graphs	Tues 9/19	Sun 10/1
Wed 9/20	Inverse Sine, Cosine, and Tangent Functions, Composite Functions	M3.C6.S3. Understand Inverse Sine, Cosine, and Tangent Functions M3.C6.S3. Evaluate Composite Functions with Inverse Trigonometric Functions Module 3 Quiz	Sun 9/24	Sun 10/1
Mon 9/25	Right Triangle Trig Application Problems	M4.C5.S4. Use Right Triangle Trigonometry to Solve Applied Problems M4.C6.S3. Solve Triangles with Inverse Trigonometric Functions Module 4 Quiz	Tues 9/26	Sun 10/1
Wed 9/27	Review Exam 1	Knewton Test Review Center		

Mon 10/2	Exam 1	*Playposit: Conics*		Tues 10/3
Wed 10/4	The Six Trig Ratios in a Triangle, Inverse Secant, Cosecant and Cotangent	M5.C5.S3. The Six Trigonometric Ratios M5. Understand Inverse Secant, Cosecant and Cotangent Functions	Sun 10/8	Tues 11/14
Mon 10/9	The Six Trig Ratios in the Unit Circle, Find Trig Ratios Given Trig Ratios	M5.C5.S3. The Other Trigonometric Ratios on the Unit Circle M5.C5.S3. Use Given Trigonometric Ratios to Find Other Ratios Mod 5 Quiz	Tues 10/10	Tues 11/14
Wed 10/11	Quotient and Reciprocal Identity, Secant and Cosecant Graphs	M6.C5.S3. Understand Quotient and Reciprocal Identities M6.C6.S2. Characteristics of Secant and Cosecant Graphs	Sun 10/15	Tues 11/14
Mon 10/16	Cotangent Graphs, Composite Functions with Inverse Trig Functions	M6.C6.S2. Graph Cotangent Functions M6.C6.S3. Compose Functions with Inverse Trigonometric Functions	Tues 10/17	Tues 11/14

Wed 10/18	One Step Sine and Cosine Equations	M6.C7.S5. Solve One Step Linear Trigonometric Equations in Sine M6.C7.S5. Solve One Step Trigonometric Equations Involving a Single Trigonometric Function Module 6 Quiz	Sun 10/22	Tues 11/14
Mon 10/23	Multi-Step Sine and Cosine Equations	M7.C7.S5. Trigonometric Equations in Sine and Cosine M7.C7.S5. Trigonometric Equations Involving a Single Trigonometric Function	Tues 10/24	Tues 11/14
Wed 10/25	Sine and Cosine Equations with Multiple Angles, Transormations of Sine and Cosine Graphs	M7.C7.S5. Solve Trigonometric Equations with Multiple Angles M7.C6.S1. Transformations of Sine and Cosine Graphs Module 7 Quiz	Sun 10/29	Tues 11/14
Mon 10/30	Trig Equations with Tangent, Cotangent, Secant, and Cosecant	M8.C7.S5. Trigonometric Equations Involving Tangent, Cotangent, Secant and Cosecant	Tues 10/31	Tues 11/14

	~~Cosecant~~			
Wed 11/1	Phase Shift and Vertical Shift of the Sine Graph, Write Equations of Sine Graphs	M8.C6.S1.Determine the Phase Shift and Vertical Shift of a Sinusoidal Function M8.C6.S1. Write the Equation of a Sinusoidal Function with Phase Shift and Vertical Shift M8.C6.S1. Find the Equation of a Sinusoidal Function Given a Graph	Sun 11/5	Tues 11/14
Mon 11/6	Transformations of Tangent and Cotangent Graphs, Graph Secant and Cosecant Functions	M8.C6.S2.Transformations of Tangent and Cotangent Functions M8.C6.S2. Graph Secant and Cosecant Functions Module 8 Quiz	Tues 11/7	Tues 11/14
Wed 11/8	Applications of Sinusoidal Functions	M9.C7.S6. Use Sinusoidal Functions to Solve Real-World Applications Module 9 Quiz	Sun 11/12	Tues 11/14
Mon 11/13	Exam 2 Review	Knewton Test Review Center		
Wed 11/15	Exam 2	*Playposit: Parametric*		Sun 11/19

Mon 11/20	Trig Equations in Quadratic Form	M10.C7.S5. Trigonometric Equations in Quadratic Form or Requiring Factoring M10.C7.S1. Use Pythagorean Identities	Tues 11/21	Sun 12/10
Wed 11/22	Verify Trig Identities	M10.C7.S1. Verify Trigonometric Identities Module 10 Quiz	Sun 11/26	Sun 12/10
Mon 11/27	Sum and Difference Formulas, Double-Angle Formulas, Half Angle Formulas	M11.C7.S2. Sum and Difference Formulas M11.C7.S3. Double-Angle Formulas M11.C7.S3. Half-Angle Formulas	Tues 11/28	Sun 12/10
Wed 11/29	Trig Equations Requiring Identities or Multiple Angles	M11.C7.S5. Trigonometric Equations Requiring Identities or Multiple Angles Module 11 Quiz	Sun 12/3	Sun 12/10
Mon 12/4	Law of Sines and Cosines	M12.C8.S1. Law of Sines M12.C8.S2. Law of Cosines	Tues 12/5	Sun 12/10

		Module 12 Quiz		
Wed 12/6	Exam 3 Review	Knewton Test Review Center		
Mon 12/11	Exam 3	*Playposit: Polar*		Tues 12/12
Wed 12/13	Review Final Exam	Knewton Test Review Center		
Mon 12/18	Final Exam			

NOTE: This schedule is subject to change at the instructor's discretion with notice to students.