

## MATH 112 · TRIG & FUNCTIONS TENTATIVE COURSE SCHEDULE · SPRING 2019

Monday	Wednesday	Friday
Jan 14 Course Introduction & Review (P.2, P.3, P.4, P.5)	Jan 16 Review (P.6, P.7)	Jan 18 §§ 1.2 & 1.3: Functions and Graphs <i>Quiz</i>
Jan 21 No Class	Jan 23 § 1.4: Linear Functions and Slope § 1.5: More on Slope	Jan 25 § 1.6: Transformations of Functions (1) <i>Quiz</i>
Jan 28 § 1.6: Transformations of Functions (2) § 1.7: Composite Functions	Jan 30 Classes Canceled Cold Weather	Feb 1 § 1.8: Inverse Functions § 1.9: Distance Formula, Circles
Feb 4 § 2.1: Complex Numbers § 2.2: Quadratic Functions (1)	Feb 6 § 2.2: Quadratic Functions (2) § 2.3: Polynomial Functions	Feb 8 <b>EXAM 1</b>
Feb 11 § 2.4: Dividing Polynomials § 2.5: Zeros of Polynomial Functions (1)	Feb 13 § 2.5: Zeros of Polynomial Functions (2)	Feb 15 § 2.6: Rational Functions (1)
Feb 18 § § 2.6: Rational Functions (2)	Feb 20 § 2.7: Rational Inequalities (1)	Feb 22 § 2.7: Rational Inequalities (2)
Feb 25 § 3.1: Exponential Functions	Feb 27 § 3.2: Logarithmic Functions	Mar 1 § 3.3: Properties of Logarithms
Spring Break		
Mar 11 § 3.4: Exp & Log Equations (1)	Mar 13 § 3.4: Exp & Log Equations (2)	Mar 15 <b>EXAM 2</b>
Mar 18 § § 4.1: Angles and Radians	Mar 20 § 4.3: Right Triangle Trigonometry	Mar 22 § 4.4 : Trig Functions of Any Angle (1)
Mar 25 § 4.4 : Trig Functions of Any Angle (2)	Mar 27 §§ 4.5 & 4.6: Graphs of Trig Functions	Mar 29 § 4.7: Inverse Trig Functions (1)
Apr 1 § 4.7: Inverse Trig Functions (2)	Apr 3 § 5.1: Verifying Trig Identities (1)	Apr 5 § 5.1: Verifying Trig Identities (2)
Apr 8 § 5.3: Double-Angle and Half-Angle Formulas	Apr 10 § 5.2: Sum and Difference Formulas § 5.4: Product-to-Sum Formulas	Apr 12 <b>EXAM 3</b> <span style="float: right;"><i>Last day to withdraw</i></span>
Apr 15 § 5.5: Trigonometric Equations (1)	Apr 17 § 5.5: Trigonometric Equations (2)	Apr 19 No Class: Easter Break
Apr 22 No Class: Easter Break	Apr 24 § 6.1: The Law of Sines	Apr 26 § 6.2: The Law of Cosines
Apr 29 § 7.1: Systems of Linear Equations in Two Variables	May 1 § 7.2: Systems of Linear Equations in Three Variables	May 3 <b>EXAM 4</b>
	Thursday May 9th	<b>FINAL EXAM 10:30 - 12:30</b>