

Monday	Tuesday	Wednesday	Thursday	Notes
<p>May 29 No Class If needed, review:</p> <ul style="list-style-type: none"> • sec 1.1, prop. of reals, set & interval not., abs. value as a distance • sec 1.2, exponents and radicals, scientific not., rationalize • sec 1.3, algebraic expressions, factoring 	<p>May 30 No Class If needed, review:</p> <ul style="list-style-type: none"> • sec 1.4: operations w/rational expr., rationalize numerator or den., compound fractions • sec 1.5: equations • sec 1.6: complex numbers 	<p>May 31 No Class If needed, review:</p> <ul style="list-style-type: none"> • sec 1.7 & sec 1.12: application problems • sec 1.8 non-linear inequalities • sec 1.10 linear equations • sec 1.11 solving eqtns & inequalities graphically 	<p>June 1 1st day</p> <ul style="list-style-type: none"> • sec 1.3 & 1.4: calculus type factoring probs • sec 1.9 distance, midpoints, circles, & relation symmetry • hw 0 Form Assess in WA due 6/10 10am • qz 0 Prereq skills due 6/10 10am 	<p>Weekend Honor's Topic: Pythagorean Theorem Project (1 honor's pt)</p>
<p>June 5 2nd day</p> <ul style="list-style-type: none"> • sec 2.1 functions, ways to represent, notation, net change, diff quot. • sec 2.2 functions vs. relations graphically and algebraically, piecewise defined functions • sec. 2.3 reading graphs, increasing, decreasing, local max's and mins's, domain & range, 	<p>June 6 3rd day</p> <ul style="list-style-type: none"> • A few more topics from 2.2 and 2.4: Difference Quotient, net change, average rate of change • sec. 2.5 (review 1.10) Linear Functions and Models • D2L qz 1 or WA un 1 hw due June 7th 	<p>June 7 4th day</p> <ul style="list-style-type: none"> • Unit 1 Mini-Test sec. 1.3, 1.4, 1.9, 2.1 - 2.5, 1.10 • sec. 2.6 Function Symmetry • sec. 2.6 Transformations 	<p>June 8 5th day</p> <ul style="list-style-type: none"> • sec. 2.7 Algebraic Combinations of Functions • sec. 2.7 Graphical Combinations of Functions 	<p>Last day: 100% Refund is June 7th Weekend Honor's: Challenging Composition of Functions Project (3 pts)</p>
<p>June 12 6th day</p> <ul style="list-style-type: none"> • 2.8 (review 1.2 - 1.4) 1-1 Functions, Inverse Functions • D2L qz 2 or WA un 2 hw due June 13th 	<p>June 13 7th day</p> <ul style="list-style-type: none"> • Unit 2 Mini-Test sec. 2.6 - 2.8 • sec. 3.1 Quadratic Functions • sec. 3.2 Polynomial Graphs: end behaviour and # of extrema 	<p>June 14 8th day</p> <ul style="list-style-type: none"> • sec. 3.2 Polynomial Functions: Behavior Near Zeros, Intermediate Value Theorem, Graphs • sec. 3.7 (& 1.8) Rational and Poly Inequalities • sec. 3.3 Dividing Polynomials, Remainder and Factor Thms 	<p>June 15 9th day</p> <ul style="list-style-type: none"> • sec. 3.4 Theorems about Zeros of Polynomials • sec. 3.5 Complex Zeros, Fundamental Thm of Algebra, Factored Form • d2L qz 3 or WA un 3 hw due June 19th 	<p>Last day: 50% refund and no course shown on transcript is June 14th Weekend Honor's: rational root theorem (1 pt)</p>
<p>June 19 10th day</p> <ul style="list-style-type: none"> • sec. 3.6 Graphs of Rational Equations • In class review problems for Exam 1 	<p>June 20 11th day</p> <ul style="list-style-type: none"> • Question and Answers over unit 3 (ask most questions ahead of today) • Unit 3 Mini-Test chpt. 3 except 3.6 • help each other with review problems for exam, while I grade and return test 	<p>June 21 12th day</p> <ul style="list-style-type: none"> • Exam 1 over Units 1 - 3 	<p>June 22 13th day</p> <ul style="list-style-type: none"> • sec. 4.1 - 4.2 Exponential Functions, Compound Interest, e • sec. 4.3 Logarithmic Functions 	
<p>June 26 14th day</p> <ul style="list-style-type: none"> • sec. 4.4 Laws of Logarithms • sec. 4.5 Log Equations • Mini Test 3 Supplementary (Rational Functions) given 	<p>June 27 15th day</p> <ul style="list-style-type: none"> • sec. 4.6 Exponential Application Problems • D2L qz 4 or WA un 4 hw due June 27th • sec. 5.1 The Unit Circle, and Symmetries • sec. 6.1 Angle Measure, Area of a Wedge 	<p>June 28 16th day</p> <ul style="list-style-type: none"> • Unit 4 Mini-Test chpt. 4 • sec. 6.1 Linear/Angular Speed • sec. 5.1 Key Values • sec. 5.2 Intro to Trig Functions, Pythagorean Identities 	<p>June 29 17th day</p> <ul style="list-style-type: none"> • sec. 6.3 More Trig Questions using knowledge from last few sections • sec. 6.2 Right Triangle Trig • Mini Test 3 Supplementary due 	<p>Weekend Honor's: Hyperbolic Functions (2 pts)</p>
<p>July 3 Holiday Break, no class</p>	<p>July 4 Holiday Break, no class</p>	<p>July 5 18th day</p> <ul style="list-style-type: none"> • sec. 5.3 & 5.4: Basic Graph Shapes • sec. 5.3 Transformed Graphs of Sine and Cosine 	<p>July 6 19th day</p> <ul style="list-style-type: none"> • sec. 5.3 Special Graphing Cases • sec. 5.4 Transformed Graphs of Other Trig Functions • D2L qz 5 or WA un 5 hw due July 10th 	

<p>July 10 20th day</p> <ul style="list-style-type: none"> • Unit 5 Mini-Test sec. 5.1 -5.4, 6.1 - 6.3 • sec. 5.5 & 6.4 Inverse Trig Functions 	<p>July 11 21st day</p> <ul style="list-style-type: none"> • sec. 5.5 & 6.4 Composition of Inverse Trig Functions • Triangle Experiment Activity • sec. 6.5 Law of Sines 	<p>July 12 22nd day</p> <ul style="list-style-type: none"> • sec. 6.6 Law of Cosines • sec. 7.1 Trig Expressions & Identity Proofs 	<p>July 13 23rd day</p> <ul style="list-style-type: none"> • sec. 7.2 - 7.3 Trig Identities • D2L qz 6 or WA un 6 hw due July 17th 	<p>Weekend Honor's:</p> <ul style="list-style-type: none"> • Law of Sines & Cosines (1 pt) • Sum & Diff ident (1 pt) • Double & half angle ident (1 pt)
<p>July 17 24th day</p> <ul style="list-style-type: none"> • Unit 6 Mini-Test sec. 5.5, 6.4 - 6.6 & 7.1 - 7.3 • Exam 2 Review 	<p>July 18 25th day</p> <ul style="list-style-type: none"> • Exam 2 over Units 4 - 6 	<p>July 19 26th day</p> <ul style="list-style-type: none"> • sec. 7.4 Basic Trig Equations • sec. 7.5 More Trig Equations 	<p>July 20 27th day</p> <ul style="list-style-type: none"> • sec. 8.1 Polar Coordinates • sec. 8.2 Polar Equations • sec. 8.3 Complex Numbers 	<p>Weekend Honor's:</p> <ul style="list-style-type: none"> • More on DeMoivre's Thm (1 pt) • Complex Numbers (3 pts)
<p>July 24 28th day</p> <ul style="list-style-type: none"> • sec. 9.1 Introduction to Vectors 	<p>July 25 29th day</p> <ul style="list-style-type: none"> • sec. 9.2 Vectors • D2L qz 7 or WA un 7 hw due July 26th 	<p>July 26 30th day</p> <ul style="list-style-type: none"> • Unit 7 Mini-Test sec. 7.4, 7.5, 8.1 - 8.3, 9.1, & 9.2 • sec. 10.1- 10.3 Solve Systems of Equations using RREF 	<p>July 27 31st day</p> <ul style="list-style-type: none"> • sec. 11.1 - 11.4 Introduction to Conics • sec. 11.1 - 11.2 Conics 	<p>Weekend Honor's:</p> <ul style="list-style-type: none"> • Matrices (1 pt) • Vectors (3 pts) • Conics Eqtns(1 pt) • Eccentricity Defn (3 pts)
<p>July 31 32nd day</p> <ul style="list-style-type: none"> • sec. 11.3 - 11.4 Conics • conics activity 	<p>Aug. 1 33rd day</p> <ul style="list-style-type: none"> • sec. 8.4 Parametric Equations • Build a Face Activity • D2L qz 8 or WA un 8 hw due Aug. 2nd 	<p>Aug. 2 34th day</p> <ul style="list-style-type: none"> • Unit 8 Mini-Test sec. 8.4, 10.1 - 10.3, & 11.1 - 11.4 • sec. 12.1 Sequences and Series, Properties of Summation • sec. 12.2 Arithmetic Sequences 	<p>Aug. 3 35th day</p> <ul style="list-style-type: none"> • Finish sec. 12.2 • sec. 12.3 Geometric Sequences • sec. 14.1 Begin Counting 	<p>Weekend Honor's:</p> <ul style="list-style-type: none"> • Proof by Induction (2 pts) • Winking eye in Face Project (2 pts) • Fractal Project (2 pts)
<p>Aug. 7 36th day</p> <ul style="list-style-type: none"> • sec. 14.1 Finish Counting • Binomial Template Act • sec. 12.6 Begin Binomial Theorem and Pascal's Triangle 	<p>Aug. 8 37th day</p> <ul style="list-style-type: none"> • sec. 12.6 Finish Binomial Theorem and Pascal's Triangle • sec. 14.3 Binomial Counting Problems • D2L qz 9 or WA un 9 hw due Aug. 9th 	<p>Aug. 9 38th day</p> <ul style="list-style-type: none"> • Unit 9 Mini-Test sec. 12.1 - 12.3, 12.6, 14.1, 14.3 • Exam 3 Review 	<p>Aug. 10 39th day</p> <ul style="list-style-type: none"> • Exam 3 over units 7 - 9 	<p>Makeup Exam Week*</p> <p>*See the Concourse Syllabus for what you are required to do before being allowed to take a makeup exam or test.</p> <p>Last Day to drop with a W in Banner is Aug. 8th</p>
<p>Aug. 14 40th day</p> <ul style="list-style-type: none"> • Final Exam Review Day 	<p>Aug. 15 41st day</p> <ul style="list-style-type: none"> • Comprehensive Final Exam 	<p>Aug. 16</p> <p>No class. Grading day for your instructor.</p>	<p>Aug. 17</p> <p>Grades will be posted in D2L.</p>	<p>Relax and enjoy the rest of your summer!</p>