

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

		<ul style="list-style-type: none"> <li>• sec. 5.3 Transformed Graphs of Sine and Cosine</li> </ul>	<ul style="list-style-type: none"> <li>• sec. 5.4 Transformed Graphs of Other Trig Functions</li> <li>• <b>D2L qz 5 or WA un 5 hw due July 10<sup>th</sup></b></li> </ul>	
<p><b>July 10</b> 20<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• <b>Unit 5 Mini-Test sec. 5.1 -5.4, 6.1 - 6.3</b></li> <li>• sec. 5.5 &amp; 6.4 Inverse Trig Functions</li> </ul>	<p><b>July 11</b> 21<sup>st</sup> day</p> <ul style="list-style-type: none"> <li>• sec. 5.5 &amp; 6.4 Composition of Inverse Trig Functions</li> <li>• Triangle Experiment Activity</li> <li>• sec. 6.5 Law of Sines</li> </ul>	<p><b>July 12</b> 22<sup>nd</sup> day</p> <ul style="list-style-type: none"> <li>• sec. 6.6 Law of Cosines</li> <li>• sec. 7.1 Trig Expressions &amp; Identity Proofs</li> </ul>	<p><b>July 13</b> 23<sup>rd</sup> day</p> <ul style="list-style-type: none"> <li>• sec. 7.2 - 7.3 Trig Identities</li> <li>• <b>D2L qz 6 or WA un 6 hw due July 17<sup>th</sup></b></li> </ul>	<p>Weekend Honor's:</p> <ul style="list-style-type: none"> <li>• Law of Sines &amp; Cosines (1 pt)</li> <li>• Sum &amp; Diff ident (1 pt)</li> <li>• Double &amp; half angle ident (1 pt)</li> </ul>
<p><b>July 17</b> 24<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• <b>Unit 6 Mini-Test sec. 5.5, 6.4 - 6.6 &amp; 7.1 - 7.3</b></li> <li>• Exam 2 Review</li> </ul>	<p><b>July 18</b> 25<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• <b>Exam 2 over Units 4 - 6</b></li> </ul>	<p><b>July 19</b> 26<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• sec. 7.4 Basic Trig Equations</li> <li>• sec. 7.5 More Trig Equations</li> </ul>	<p><b>July 20</b> 27<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• sec. 8.1 Polar Coordinates</li> <li>• sec. 8.2 Polar Equations</li> <li>• sec. 8.3 Complex Numbers</li> </ul>	<p>Weekend Honor's:</p> <ul style="list-style-type: none"> <li>• More on DeMoivre's Thm (1 pt)</li> <li>• Complex Numbers (3 pts)</li> </ul>
<p><b>July 24</b> 28<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• sec. 9.1 Introduction to Vectors</li> </ul>	<p><b>July 25</b> 29<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• sec. 9.2 Vectors</li> <li>• <b>D2L qz 7 or WA un 7 hw due July 26<sup>th</sup></b></li> </ul>	<p><b>July 26</b> 30<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• <b>Unit 7 Mini-Test sec. 7.4, 7.5, 8.1 - 8.3, 9.1, &amp; 9.2</b></li> <li>• sec. 10.1- 10.3 Solve Systems of Equations using RREF</li> </ul>	<p><b>July 27</b> 31<sup>st</sup> day</p> <ul style="list-style-type: none"> <li>• sec. 11.1 - 11.4 Introduction to Conics</li> <li>• sec. 11.1 - 11.2 Conics</li> </ul>	<p>Weekend Honor's:</p> <ul style="list-style-type: none"> <li>• Matrices (1 pt)</li> <li>• Vectors (3 pts)</li> <li>• Conics Eqtns(1 pt)</li> <li>• Eccentricity Defn (3 pts)</li> </ul>
<p><b>July 31</b> 32<sup>nd</sup> day</p> <ul style="list-style-type: none"> <li>• sec. 11.3 - 11.4 Conics</li> <li>• conics activity</li> </ul>	<p><b>Aug. 1</b> 33<sup>rd</sup> day</p> <ul style="list-style-type: none"> <li>• sec. 8.4 Parametric Equations</li> <li>• Build a Face Activity</li> <li>• <b>D2L qz 8 or WA un 8 hw due Aug. 2<sup>nd</sup></b></li> </ul>	<p><b>Aug. 2</b> 34<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• <b>Unit 8 Mini-Test sec. 8.4, 10.1 - 10.3, &amp; 11.1 - 11.4</b></li> <li>• sec. 12.1 Sequences and Series, Properties of Summation</li> <li>• sec. 12.2 Arithmetic Sequences</li> </ul>	<p><b>Aug. 3</b> 35<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• Finish sec. 12.2</li> <li>• sec. 12.3 Geometric Sequences</li> <li>• sec. 14.1 Begin Counting</li> </ul>	<p>Weekend Honor's:</p> <ul style="list-style-type: none"> <li>• Proof by Induction (2 pts)</li> <li>• Winking eye in Face Project (2 pts)</li> <li>• Fractal Project (2 pts)</li> </ul>
<p><b>Aug. 7</b> 36<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• sec. 14.1 Finish Counting</li> <li>• Binomial Template Act</li> <li>• sec. 12.6 Begin Binomial Theorem and Pascal's Triangle</li> </ul>	<p><b>Aug. 8</b> 37<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• sec. 12.6 Finish Binomial Theorem and Pascal's Triangle</li> <li>• sec. 14.3 Binomial Counting Problems</li> <li>• <b>D2L qz 9 or WA un 9 hw due Aug. 9<sup>th</sup></b></li> </ul>	<p><b>Aug. 9</b> 38<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• <b>Unit 9 Mini-Test sec. 12.1 - 12.3, 12.6, 14.1, 14.3</b></li> <li>• Exam 3 Review</li> </ul>	<p><b>Aug. 10</b> 39<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• <b>Exam 3 over units 7 - 9</b></li> </ul>	<p><b>Makeup Exam Week*</b></p> <p><b>*See the Concourse Syllabus for what you are required to do before being allowed to take a makeup exam or test.</b></p> <p><b>Last Day to drop with a W in Banner is Aug. 8<sup>th</sup></b></p>
<p><b>Aug. 14</b> 40<sup>th</sup> day</p> <ul style="list-style-type: none"> <li>• Final Exam Review Day</li> </ul>	<p><b>Aug. 15</b> 41<sup>st</sup> day</p> <ul style="list-style-type: none"> <li>• <b>Comprehensive Final Exam</b></li> </ul>	<p><b>Aug. 16</b></p> <p>No class. Grading day for your instructor.</p>	<p><b>Aug. 17</b></p> <p>Grades will be posted in D2L.</p>	<p>Relax and enjoy the rest of your summer!</p>