

**Math 1127 Calendar – Fall 2017**

<b>Monday</b>	<b>T</b>	<b>Wednesday</b>	<b>TH</b>	<b>Friday</b>	<b>S</b>	<b>Sunday</b>
8/21 <b>Introductions</b>  <b>Lectures:</b> <ul style="list-style-type: none"> <li>Review of Graphing, Intercepts, Symmetry</li> </ul> <b>Section 1.2</b>	8/22	8/23  <b>Lectures:</b> <ul style="list-style-type: none"> <li>Review of Graphing, Intercepts, Symmetry</li> <li>Using a Graphing Calculator</li> </ul> <b>Sections 1.1-1.3</b>	8/24	8/25 <b>Week 1 Activity due</b>  <b>Lectures:</b> <ul style="list-style-type: none"> <li>Using a Graphing Calculator</li> <li>Functions</li> </ul> <b>Sections 1.1, 1.3, 2.1, 2.2</b>	8/26	8/27 <b>Getting To Know You Post due 10 pm on Discussion Board</b>
8/28  <b>Lectures:</b> <ul style="list-style-type: none"> <li>Functions</li> <li>Increasing, Decreasing, Even, Odd and AROC</li> </ul> <b>Sections 2.1-2.3</b>	8/29	8/30  <b>Lectures:</b> <ul style="list-style-type: none"> <li>Piecewise-Defined Functions</li> <li>Transformations</li> </ul> <b>Sections 2.4, 2.5</b>	8/31	9/1 <b>Week 2 Activity due</b>  <b>Lectures:</b> <ul style="list-style-type: none"> <li>Transformations</li> <li>Quadratic Functions</li> </ul> <b>Section 2.5, 3.3</b>	9/2	9/3 <b>Quiz 1 due 10 pm work due next class</b>  <b>1.1-1.3, 2.1, 2.2</b>
9/4  <b>Holiday</b>	9/5	9/6  <b>Lectures:</b> <ul style="list-style-type: none"> <li>Quadratic Functions</li> <li>Modeling with Quadratic Functions</li> </ul> <b>Sections 2.6, 3.3-3.5</b>	9/7	9/8 <b>Week 3 Activity due</b> <b>Lectures:</b> <ul style="list-style-type: none"> <li>Polynomials</li> </ul> <b>Section 4.1</b>	9/9	9/10 <b>Quiz 2 due 10 pm work due next class</b>  <b>2.3-2.5</b>
9/11  <b>Lectures:</b> <ul style="list-style-type: none"> <li>Polynomials</li> </ul> <b>Section 4.1, 4.2</b>	9/12	9/13  <b>Lectures:</b> <ul style="list-style-type: none"> <li>Dividing Polynomials</li> <li>The Zeros of a Polynomial</li> </ul> <b>Sections 4.2-4.5</b>	9/14	9/15 <b>Week 4 Activity due</b>  <b>EXAM 1</b>	9/16	9/17

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9/18 <b>Quantitative Literacy Problem due</b> <b>Lectures:</b> <ul style="list-style-type: none"> <li>• The Zeros of a Polynomial</li> <li>• Rational Functions</li> </ul> <b>Sections 4.4, 4.5</b>	9/19	9/20  <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Rational Functions</li> <li>• Composition of Functions</li> </ul> <b>Sections 4.4, 4.5, 5.1</b>	9/21	9/22  <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Composition of Functions</li> <li>• Inverse Functions</li> </ul> <b>Sections 4.4, 4.5, 5.1, 5.2</b>	9/23	9/24 <b>Quiz 3 due 10 pm work due next class</b>  <b>4.1, 4.2, 4.3</b>
9/25 <b>Week 5 Activity due</b> <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Inverse Functions</li> <li>• Exponential Functions</li> </ul> <b>Section 5.2, 5.3</b>	9/26	9/27  <b>Student Success Day</b>	9/28	9/29  <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Exponential Functions</li> <li>• Logarithmic Functions</li> </ul> <b>Sections 5.3, 5.4, 5.7</b>	9/30	10/1 <b>Quiz 4 due 10 pm work due next class</b>  <b>4.4, 4.5, 5.1, 5.2</b>
10/2 <b>Week 6 Activity due</b> <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Properties of Logarithms</li> <li>• Solving Exponential and Logarithmic Equations</li> </ul> <b>Sections 5.4, 5.5, 5.6</b>	10/3	10/4  <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Solving Exponential and Logarithmic Equations</li> <li>• Applications of Logs and Exponents</li> </ul> <b>Sections 5.5, 5.6, 5.8</b>	10/5	10/6  <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Applications of Logs and Exponents</li> <li>• Regression</li> </ul> <b>Sections 3.2, 3.4, 4.1, 5.8, 5.9</b>	10/7	10/8
10/9 <b>Week 7 Activity due</b> <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Composite Graphs with Transformations</li> <li>• Review for Exam 2</li> </ul> <b>Section – not in book</b>	10/10	10/11  <b>Lecture:</b> <ul style="list-style-type: none"> <li>• <b>Practice Gateway Review</b></li> <li>• Angles and Their Measure</li> </ul> <b>Section – not in textbook, 6.1</b>	10/12	10/13  <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Angles and Their Measure</li> <li>• Trigonometric Functions Using the Unit Circle</li> </ul> <b>Section 6.1, 6.2</b>	10/14	10/15 <b>Quiz 5 due 10 pm work due next class</b>  <b>5.3-5.9, Regression</b>

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10/16  <b>Week 8 Activity due</b>  <b>EXAM 2</b>	10/17	10/18  <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Trigonometric Functions Using the Unit Circle</li> <li>• Properties of Trig Functions</li> </ul> <b>Section 6.2, 6.3</b>	10/19 MEA	10/20 MEA	10/21	10/22
10/23  <b>Week 9 Activity due</b>  <b>GATEWAY</b>	10/24	10/25  <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Properties of Trig Functions</li> <li>• Graphing Sine and Cosine</li> </ul> <b>Sections 6.2, 6.3, 6.4, 6.6</b>	10/26	10/27  <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Graphing Sine and Cosine</li> <li>• Graphing Tan, Cot, Sec and Csc</li> </ul> <b>Sections 6.4, 6.5, 6.6</b>	10/28	10/29  <b>Quiz 6 due 10 pm work due next class</b>  <b>6.1-6.3</b>
10/30  <b>Week 10 Activity due</b>  <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Graphing Tan, Cot, Sec, and Csc</li> <li>• Right Triangle Trigonometry</li> </ul> <b>Section 6.5, 6.6, 8.1</b>	10/31	11/1  <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Right Triangle Trigonometry</li> <li>• Area of a Triangle</li> <li>• The Law of Sines</li> </ul> <b>Section 8.1, 8.2, 8.4</b>	11/2	11/3  <b>Lectures:</b> <ul style="list-style-type: none"> <li>• The Law of Sines</li> <li>• The Law of Cosines</li> </ul> <b>Section 8.2, 8.3</b>	11/4	11/5  <b>Quiz 7 due 10 pm work due next class</b>  <b>6.4-6.6</b>
11/6  <b>Week 11 Activity due</b>  <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Proving Trig Identities</li> </ul> <b>Section 7.4</b>	11/7	11/8  <b>Lectures:</b> <ul style="list-style-type: none"> <li>• Proving Trig Identities</li> </ul> <b>Section 7.4</b>	11/9	11/10  <b>Holiday</b>	11/11	11/12  <b>Quiz 8 due 10 pm work due next class</b>  <b>8.1-8.4</b>

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11/13 <b>Week 12 Activity due</b>  <b>Lectures:</b> <ul style="list-style-type: none"> <li>Sum and Difference Formulas</li> <li>Double &amp; Half Angle Formulas</li> </ul> <b>Section 7.5-7.7</b>	11/14	11/15  <b>Review for Exam 3</b>	11/16	11/17 <b>Week 13 Activity due</b>  <b>EXAM 3</b>	11/18	11/19 <b>Quiz 9 due 10 pm work due next class</b>  <b>7.4</b>
11/20  <b>Lectures:</b> <ul style="list-style-type: none"> <li>Double and Half Angle Formulas</li> </ul> <b>Sections 7.6, 7.7</b>	11/21	11/22  <b>Catch-up Day</b>	11/23	11/24 <b>Holiday</b>	11/25	11/26 <b>Quiz 10 due 10 pm work due next class</b>  <b>7.5-7.7</b>
11/27 <b>Week 14 Activity due</b>  <b>Lectures:</b> <ul style="list-style-type: none"> <li>Inverse Trig Functions</li> </ul> <b>Sections 7.1, 7.2</b>	11/28	11/29 <b>Lectures:</b> <ul style="list-style-type: none"> <li>Solving Trig Equations</li> </ul> <b>Sections 7.3</b>	11/30	12/1 <b>Week 15 Activity due</b>  <b>Lectures:</b> <ul style="list-style-type: none"> <li>Solving Trig Equations</li> </ul> <b>Sections 7.3</b>	12/2	12/3 <b>Quiz 11 due 10 pm work due next class</b>  <b>7.1-7.3</b>
12/4  <b>Review for Exam 4</b>	12/5	12/6 <b>Week 16 Activity due</b>  <b>EXAM 4</b>	12/7	12/8  <b>Final Exam Review</b>	12/9	12/10
12/11 <b>Week 17 Activity due at Final Exam Tues 2-5 pm →</b>	12/12 <b>Final Exam</b>	12/13	12/14	12/15 <b>No School</b>	12/16	12/17