





Pre-Calculus  
2<sup>nd</sup> Quarter  
2013 - 2014



| Block # | Date*       | In Class  | Out of class (Homework)                        |
|---------|-------------|---|--|
| 1       | Thurs 11/7  | 5.4 – Graphing sine and cosine functions  | Work Sheet #1 - 18                             |
| 2       | Mon 11/11   | 5.5 Graphing secant, cosecant, tangent and cotangent functions  | Work Sheet #1 - 10                             |
| 3       | Wed 11/13   | 5.6 Writing equations given the graph of a trig function  | Work Sheet #1 – 11<br>Study for Skills Quiz #1 |
| 4       | Fri 11/15   | Take Skills Quiz #1<br>Review for Quiz (5.4 – 5.6)<br>Distribute Skills Review #2                               | Work Sheet #1 - 17                             |
| 5       | Tues 11/19  | <b>Quiz (5.4 – 5.6) Graphing Trig Functions</b>   | Work on skills review #2                       |
| 6       | 11/21       | Review Chapter 5  | Study/Prepare for test                         |
| 7       | 11/25       | <b>Test (Chapter 5)<br/>Properties and Graphs of Trig Functions</b>   | Study for Skills Quiz #2                       |
| 8       | Mon 12/2    | Take Skills Quiz #2<br>6.1 – Inverse Sine, Cosine, Tangent<br>Distribute Skills Review #3                       | P. 423 #13 – 43 odd, #45 – 56 ALL              |
| 9       | Wed 12/4    | 6.2 – More Inverse Trig   | P. 429 #9 – 55 odd                             |
| 10      | Fri 12/6    | 6.3 – Trig Identities   | Pp. 435 -436 #9 -16 all, #19 – 23 odd          |
| 11      | Tues 12/10  | 6.3 – Trig Identities (continued)   | Work Sheet #1 – 32<br>Study for Skills Quiz #3 |
| 12      | Thurs 12/12 | Take Skills Quiz #3<br>Distribute Skills Review #4<br>Review ch. 6 sect. 1 – 3 Inverse Trig and Trig Identities | Study/Prepare for quiz                         |
| 13      | Mon 12/16   | <b>Quiz (6.1 – 6.3) Inverse and Trig Identities</b>   | Work on skills review #4                       |



|  |           |  |   |
|--|-----------|--|---|
| 14   | Wed 12/18 | 6.4 – Sum and Difference Identities                                | p. 445 – 447: #<br>11, 15, 17, 19, 23,<br>27, 31, 37, 39, 51,<br>67, 77 and Study<br>for Skills Quiz #4 |
| 15   | Fri 12/20 | <b>Take Skills Quiz #4</b><br>6.4 continued (more practice)        | Worksheet<br>#1 – 17<br>& exam review<br>packet   |
|  <p style="text-align: center;">Winter Break!!!</p>  |           |  |   |
| 16   | Fri 1/3   | 6.5 Double and Half Angle Formula                                  | pp. 455 – 457 #7,<br>11, 17, 19, 21, 25,<br>30, 35, 41, 49, 57,<br>59, 61, 79                           |
| 18   | Tue 1/7   | 6.5 Continued and Review 6.4 – 6.5                                 | Worksheet and<br>Study for Quiz   |
| 19   | Thur 1/9  | <b>Quiz 6.4 – 6.5 Identities, Double &amp; Half Angle Formulas</b> |   |
| 20   | Mon 1/13  | 6.7 Trig Equations (I)   | P. 465 #7, 11, 13,<br>17, 23, 27, 31, 33,<br>37, 41, 43, 47, 49,<br>53, 55                              |
| 21   | Wed 1/15  | 6.8 Trig Equations (II)  | P. 473 #5, 9, 11, 13,<br>15, 17, 21, 27, 29,<br>33, 39, 43, 51, 55,<br>59                               |
| 22   | Fri 1/17  | Exam Review  | Prepare for the<br>midterm exam!  |
|  | Tue 1/21  | 6 <sup>th</sup> Block Exam<br>5 <sup>th</sup> Block Exam           |   |
|  | Wed 1/22  | 1 <sup>st</sup> Block Exam<br>2 <sup>nd</sup> Block Exam           |   |
|  | Thur 1/23 | 7 <sup>th</sup> Block Exam<br>8 <sup>th</sup> Block Exam           |   |
|  | Fri 1/24  | 3 <sup>rd</sup> Block Exam<br>4 <sup>th</sup> Block Exam           |   |

\*Schedule is subject to change.