

**UNIT 4 – Chapter 8: Trigonometric Ratios & Functions,  
Chapter 9: Trigonometric Identities & Formulas,  
& Chapter 1: Geometric Modeling**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Feb 5 <b>8.1</b> Right Triangle Trigonometry <b>HW 8.1 (Pg. 414)</b> #5, 8, 9–17 <b>ODD</b> , 22, 23, 26, 27, 29, 33, 40, 42, 45	Feb 6 <b>8.2</b> Angle & Radian Measure <b>HW 8.2 (Pg. 422)</b> #5, 7, 9, 12, 13–19 <b>ODD</b> , 23–26, 27, 31, 34, 36, 37, 39	Feb 7	Feb 8 <b>8.3</b> Trigonometric Functions of Any Angle <b>HW 8.3 (Pg. 430)</b> #4, 6, 7, 9, 12, 13–21 <b>ODD</b> , 26–32 <b>EVEN</b> , 33, 36, 39, 41; & Stoplight Reflection	Feb 9
Feb 12 <b>Quiz on 8.1–8.3</b>	Feb 13 <b>8.4</b> Graphing Sine & Cosine Functions <b>HW 8.4 (Pg. 441)</b> #5, 7, 9, 12, 13, 16, 19, 22, 24, 25, 28, 31, 34, 37, 39, 46, 57, 61	Feb 14	Feb 15 <b>8.5</b> Graphing Other Trigonometric Functions <b>HW 8.5 (Pg. 450)</b> #6, 9, 12, 15, 18, 21, 24, 26, 27, 43, 45	Feb 16
Feb 19	Feb 20	Feb 21	Feb 22	Feb 23
<b>No School – Winter Break</b>				
Feb 26 <b>9.3</b> Law of Sines & <b>9.4</b> Law of Cosines <b>HW 9.3 (Pg. 490)</b> #9, 12, 14, 15, 18, 20, 22, 25, 27, 30, 31, 46 <b>HW 9.4 (Pg. 497)</b> #3, 6, 9, 11, 13, 15, 18, 20	Feb 27	Feb 28 <b>Quiz on 8.4–8.5 &amp; 9.3–9.4</b> & Notebook Check	Feb 29	March 1 <b>1.1</b> Modeling with Area & <b>1.2</b> Modeling with Volume <b>HW 1.1 (Pg. 7)</b> #3, 5, 8, 10, 13, 15, 18 <b>HW 1.2 (Pg. 13)</b> #4, 6, 7, 11
Mar 4 <b>1.3</b> Cross Sections of Solids <b>HW 1.3 (Pg. 21)</b> #3, 6, 8, 9, 13, 14, 18, 20, 22	Mar 5 <b>1.4</b> Solids of Revolution <b>HW 1.4 (Pg. 27)</b> #4, 6, 9, 12, 13, 16, 17, 20, 21, 23, 25, 31; & Stoplight Refl	Mar 6	Mar 7	Mar 8 <b>Quiz on 1.1–1.4</b> & Notebook Check
Mar 11 <i>Unit Review</i>	Mar 12	Mar 13 <i>Unit Review</i>	Mar 14	Mar 15 <b>Unit 4 Test</b>