January/HPC

2020

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| **6**  **4.1 Radian and Degree** **Measure:Activity Unit Circle**  Pg 261 1-10, 11 – 27odd,  31-41 odd  **Due Block Day**  You MUST have the unit circle memorized | **7**  **4.1 Radian and Degree** **Measure**  Pg 262 43-57 odd, 61-75 odd, 79-87 odd, 89.95, and 97  **Due Friday** | **8**  **4.2 Trigonometric Functions: The Unit Circle**  Pg 270 1-8, 9-69 EOO odd,75  **Due Tuesday**  **EOO = every other odd**  **Quiz: Blank Unit Circle** | **10**  **4.2 Trigonometric Functions: The Unit Circle** | |
| **13**  **4.3 Right Triangle Trig**  Pg 280 1-6, 7-19 EOO, 31-35 odd, 37-49eoo, 53-61 odd 67-71 odd 73-79 odd, 81  **Due Block Day** | **14**  **4.3 Right Triangle Trig** | **15/16**  **4.4 Trig Functions of Any Angle**  Pg 289 1-10, 12, 19, 23-26, 28-32, 35, 42, 44,47-57odd,  61-65odd, 69, 75, 81  **Due Tuesday**  **Quiz: Unit Circle Chart** | **17**  **4.5 Graphing Sine / Cosine**  **(amplitude / period)**  Pg 299 1-10, 11-31odd, 40  Worksheet **Due Block Day** |
| **20 Martin Luther King Day** | **21**  **4.5 Graphing Sine / Cosine**  **(phase shift)**  **Worksheet**  57, 59, 71-78, 81,83  **Due Friday** | **22/23**  **Quiz 4.1-4.4** | **24**  **4.6 Graphs of Other Trig** Fcns Pg 311 1-8, 29, 41-46, 47, 48  Worksheet  **Due Tuesday** |
| **27**  **4.6 Graphs of Other Trig**  **Worksheet**  **Due pBlock Day** | **28**  4**.7 Inverse Trig Functions**  Pg 322 1-4, 5-13odd, 15, 45-51 odd, 53-59 odd, 65-69 odd, 73, 100  **Due Fri** | **29/30**  4**.7 Inverse Trig Functions**  **Quiz 4.5-4.6** | **31**  Sinusoidal Activity  **Due Friday** |
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| **3**  **4.8 Applications of Trig Fcns**  Pg 332 1-4, 11-17 odd, 19,20,23-26,29  **Due Tues** | **4**  **Chapter Review** | **5/6**  **Chapter 4 Test**  **Chapter Review due** | **7**  **5.1 Fundamental Identities**  Pg 354 1-6, 7-21 odd, 33-69 EOO, 75, 95  **Due Tuesday**  *Last Day to Register for CU Succeed* |
| **10**  **5.2 Verifying Identities**  Pg 362 1-10,11-19 odd, 29,  35-49 odd, 69-71  **Due Friday** | **11**  **5.3 Solving Trig Equations**  Pg 373 1-4, 5-47 odd, 61-69 odd, 98, 101  **Due Block Day** | **12/13**  **5.1-5.3** | **14**  **No School** |
| **17 Presidents Day** | **18**  **5.3 Solving Trig Equations** | **19/20**  **5.4 Sum and Difference**  Pg 381 1-9, 11,19, 31-41odd, 45, 49-55 odd, 73, 81, 85  **Due Friday**  **Quiz 5.1-5.3** | **21**  **5.5 Multiple Angle and Product to Sum Formulas**  Pg 390 1-8, 9-17 odd, 21-23, 27, 31, 45-51odd, 57, 61, 71, 77, 85 **Due** **Monday** |
| **24**  **5.5 Multiple Angle and Product to Sum Formulas** | **25**  **Review Chapter 5** | **26/27**  **Chapter 5 Test** | **28**  **6.1 Law of Sines**  **Pg 410 1-6, 7-11 odd, 13,21,**  **28-30, 35,40,42, 45**  **Due Block Day** |

February/ HPC

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| **2**  **6.1 Law of Sines**  **Pg 410 1-6, 7-11 odd, 13,21,**  **28-30, 35,40,42, 45**  **Due Block Day** | **3**  **6.2 Law of Cosines**  **Pg 417 1-6, 7-13 odd, 23, 32,33, 37,38,51**  **Due Friday** | **4/5**  **6.3 Vectors in the Plane**  **Pg 429 1-12, 15, 16, 19-23odd, 25-30, 37-53 EOO, 57-77 EOO, 87, 97**  **Due Tuesday**  **Quiz 6.1-6.2** | **6**  **6.3 Vectors in the Plane** |
| **9**  **6.4 Vectors and Dot Product**  **Pg 440 1-5, 7-33 odd, 39-43odd, 46, 47-50, 53-67odd**  **Due Block day** | **10**  **6.5 Trig Form of a Complex Number**  **Pg 452 1-6, 7-21 odd, 25- 31odd, 47-59odd, 79-81odd**  **Due Tuesday** | **11/12**  **SAT** | **13**  **6.5 Trig Form of a Complex Number** |
| **16**  **6.5 Trig Form of complex number** | **17**  **Review** | **18/19**  **Chapter 6 Test** | **20**  **9.4 Parametric Equations**  **Pg 674 1-10, 11-27 odd**  **Due Tues** |
| **23** | **24** | **25/26** | **27** |

March/ HPC

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April / HPC

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| **13** | **14**  **SAT** | **15 16**  **PSAT** | **17** |
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May/ HPC

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| **4** | | **5** | **6/7** | | **8** |
| **6** | | **7** | **8/9** | | **10** |
| **11**  *Senior Finals 1,3,5,7* | | **12**  *Senior Finals 2,4,6* | **13** | **14 15**    **Graduation – no school** | |
| **18** | **19** | | **20** | **21** | **22** |
| **25 Memorial Day** | | **26** | **27** | **28** | **29** |
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