# Honors Precalculus

## *Chapter 4 pt 1 - Trigonometric Functions*

| Day | Topic | Assignment | Presented Problems | Presenters |
|---|---|---|---|---|
| 1 | 4.1 Radians and Converting Between Degrees and Radians | Pg 254 13, 15, 19, 21, 25a, 47, 49, 51, 53 | 21, 51 | |
| 2 | 4.1 Linear and Angular Speed and Other Radian Applications | Pg 254 97-100, 105, 109, 111, 113, 115 | 99, 111 | |
| 3 | 4.3 Right Triangle Trig | Pg 280 4-6, 9, 13, 21, 22, 23, 28, 53bc, 92 | 9, 21 | |
| 4 | 4.3 Trig Identities and Applications | Pg 280 45-48, 59, 61, 73, 75, 77, 79, 81 | 73, 79 | |
| 5 | 4.2 Trig Function Values on the Unit Circle | Pg 270 12, 13, 17, 23, 25, 27, 29, 31, 33 | 13, 27 | |
| 6 | **Quiz 4.1 and 4.3 (no 4.2)** | | | |
| 7 | 4.2 Domain and Period of the Sine and Cosine Functions | Pg 270 39-45 (first reduce the radian measure to a coterminal angle less than 2pi), 47, 49, 81 | 41, 45 | |
| 8 | 4.4 Trig Functions of Any Angle | Pg 289 11a, 23, 25, 27, 39, 43, 45, 67, 71, 75, 103a, 109ade | 39, 109 | |
| 9 | Review 4.2 and 4.4  (Work Day) | Pg 340 41, 43, 45, 49, 51, 57, 59, 61, 85, 91, 93, 95, 101, 103, 109 | | |
| 10 | **Quiz 4.2 and 4.4** | | | |
| 11 | Chapter 4 pt 1 Practice Test | Finish Practice Test and Study | | |
| 12 | **Chapter 4 pt 1 Test** | | | |