

# Jasper High School

## Precalculus Course Outline

| Week | Unit                                          | Course of Study No.               |
|------|-----------------------------------------------|-----------------------------------|
| 1    | Unit 0: Review                                |                                   |
| 2    | Unit 1: Functions                             | 24, 26, 27, 28, 30                |
| 3    | Unit 1 continued                              |                                   |
| 4    | Unit 2: Polynomial Functions                  | 2, 3, 4, 5, 6, 16, 24, 26, 27,    |
| 5    | Unit 2 continued                              |                                   |
| 6    | Unit 3: Exponential and Logarithmic Functions | 18d, 24, 25                       |
| 7    | Unit 3 continued                              |                                   |
| 8    | Unit 4: Trigonometric Functions               | 18d, 24, 26, 29, 30, 31, 32       |
| 9    | Unit 4 continued                              |                                   |
| 10   | Unit 5: Analytical Trigonometry               | 27, 32, 33, 35                    |
| 11   | Unit 5 continued                              |                                   |
| 12   | Unit 6: Conics                                | 15, 15a, 36, 37                   |
| 13   | Unit 6 continued                              |                                   |
| 14   | Unit 7: The Polar System                      | 1, 2, 3, 28, 28a, 28b             |
| 15   | Unit 8: Vectors                               | 5, 6, 7, 8, 8a, 8b, 8c, 9, 9a, 9b |
| 16   | Unit 9: Limits                                | 4, 12, 13, 17, 38                 |
| 17   | Unit 9 continued                              |                                   |
| 18   | <b>FINAL EXAMS</b>                            |                                   |