Week	Dates	Sections, Quizzes, Exams	Suggested Problems
1	May 18 - May 21	**7.1** Integration by Substitution **7.2** Integration by Parts **7.4** Algebraic Identities and Trig Substitutions **7.5** Numerical Methods for Definite Integrals **7.6** Improper Integrals **7.7** Comparison of Improper Integrals **Quiz 1 -** May 20 – 7.1 and 7.2 **Quiz 2 -** May 21 – 7.4	**7.1** 9, 13, 19, 29, 33, 39, 59, 61, 63, 160, 161 **7.2** 7, 11, 17, 27, 31, 39, 41, 43, 45 **7.4** 5, 12, 15, 27, 31, 33, 35, 47, 49, 55, 61, 63 **7.5** 7, 11, 13, 24, 25 **7.6** 9, 11, 15, 19, 21, 23, 25, 29, 35 **7.7** 3, 5, 7, 9, 10, 11, 17, 19, 25, 31, 37, 41
2	May 26 - May 29	**8.1** Areas and Volumes **8.2** Applications to Geometry **8.3** Area and Length in Polar Coordinates **8.4** Density and Center of Mass **8.5** Applications to Physics **8.7** Distribution Functions **8.8** Probability, Mean, and Median No class Monday, May 26 (Memorial Day) **Exam 1** - Tuesday, May 26 – Chapter 7 Friday, May 29 – Monday classes meet	**8.1** 1, 3, 7, 11, 21, 39, 41 **8.2** 1, 3, 13, 17, 23, 29, 31, 33, 35, 51 **8.3** 1, 3, 5, 7, 11, 13, 15, 25, 29, 31, 33 **8.4** 3, 5b, 17, 24, 27, 31 **8.5** 13, 19, 21, 23, 41, 44 **8.7** 15, 21, 37 **8.8** 4, 5, 6, 7, 17
3	June 1 - June 4	**9.1** Sequences **9.2** Geometric Series **9.3** Convergence of Series **9.4** Tests for Convergence **9.5** Power Series and Interval of Convergence **10.1** Taylor Polynomials **Quiz 3** – June 2 – 8.1, 8.2 **Quiz 4** – June 3 – 8.3, 8.4 **Quiz 5** – June 4 – 8.5, 8.7,8.8	**9.1** 5, 11, 15, 20, 23, 25, 65 **9.2** 1, 3, 5, 13, 15, 21, 23, 25, 29, 35, 64, 65 **9.3** 1, 7, 11, 17, 27, 33, 34, 49, 50 **9.4** 11, 13, 17, 21, 25, 29, 41, 46, 75, 79, 81, 87, 89, 113, 123 **9.5** 9, 15, 21, 23, 25, 30, 37 **10.1** 3, 5, 13, 21, 39, 45
4	June 8 - June 11	**10.2** Taylor Series **10.3** Finding and Using Taylor Series **10.4** Error in Taylor Polynomial Approximation **10.5** Fourier Series **11.1** What is a Differential Equation? **Exam 2 -** Monday, June 8 – Chapters 8 and 9 **Quiz 6** – June 10 – 9.5, 10.1,10.2	**10.2** 1, 2, 7, 15, 21, 23, 29, 31, 47, 49, 61, 65 **10.3** 5, 9, 15, 25, 41, 61, 63 **10.4** 1, 8, 19, 20 **10.5** 9, 10, 15 **11.1** 9, 11, 13, 25
5	June 15 - June 18	**11.2** Slope Fields **11.3** Euler's Method **11.4** Separation of Variables **Quiz 7** – June 16 – 10.3, 10.4, 11.1-11.4 **Final Exam -** Thursday June 18 - Cumulative	**11.2** 1, 11, 21, 25 **11.3** 1, 5, 17 **11.4** 1, 7, 13, 21, 23, 29

This is a general timetable for the course and is subject to change.