Week	Dates	Sections	Suggested Problems
1	May 20 - May 23	7.1 Integration by Substitution 7.2 Integration by Parts 7.3 Tables of Integrals 7.4 Algebraic Identities and Trig Substitutions 7.5 Numerical Methods for Definite Integrals 7.6 Improper Integrals 7.7 Comparison of Improper Integrals	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 28 - May 31	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 27 (Memorial Day) Exam 1- Tuesday, May 28 – Chapter 7 Friday, May 31 – 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 3 - June 6	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	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 10 - June 13	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 10 – Chapters 8 and 9	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 17 - June 20	11.2 Slope Fields 11.3 Euler's Method 11.4 Separation of Variables Final Exam – Thursday June 20	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.