

Week	Dates	Math 118 (2026-1) The Tentative Weekly Schedule
1	Sep. 28 – Oct. 02	Ch. 6: Techniques of Integration 6.1 Integration by Parts 6.2 Integrals of Rational Functions
2	October 05-09	6.3 Inverse Substitutions 6.5 Improper Integrals
3	October 12-16	Ch. 7: Applications of Integration 7.1 Volumes by Slicing—Solids of Revolution 7.2 More Volumes by Slicing
4	October 19-23	7.3 Arc Length and Surface Area Ch. 9: Sequences, Series, and Power Series 9.1 Sequences and Convergence
5	October 26-30	9.2 Infinite Series 9.3 Convergence Tests for Positive Series (October 28 – A half day holiday (Wednesday))
6	November 02-06	9.4 Absolute and Conditional Convergence 9.5 Power Series
7	November 09-13	9.6 Taylor and Maclaurin Series 9.7 Applications of Taylor and Maclaurin Series Exam 1 (November 14, 2026)
8	November 16-20	Ch. 10: Vectors and Coordinate Geometry in 3-Space 10.1 Analytic Geometry in Three Dimensions 10.2 Vectors
9	November 23-27	10.3 The Cross Product in 3-Space 10.4 Planes and Lines 10.5 Quadric Surfaces
10	Nov. 30 – Dec. 04	Ch. 12: Partial Differentiation 12.1 Functions of Several Variables 12.2 Limits and Continuity
11	December 07-11	12.3 Partial Derivatives 12.5 The Chain Rule 12.6 Linear Approximations
12	December 14-18	12.7 Gradients and Directional Derivatives Ch. 13: Applications of Partial Derivatives 13.1 Extreme Values Exam 2 (December 19, 2026)
13	December 21-25	13.2 Extreme Values of Functions Defined on Restricted Domains 13.3 Lagrange Multipliers
14	December 28-31	Ch. 14: Multiple Integration 14.1 Double Integrals 14.2 Iteration of Double Integrals in Cartesian Coordinates