

Week	2016	Stewart Sections	Topics
1	1/16	6.4–6.5, 7.1	Fund. Theorem of Calculus, Integration by Substitution, Area
2	1/23	7.1–7.2	Area, Volumes by Slicing, Disks, Washers
3	1/30	7.3–7.4	Volume by Cylindrical Shells, Work
4	2/6	7.5, 8.1–8.2	Average Value, Integration by Parts, Trigonometric Integrals
5	2/13	8.3, Exam 1	Trigonometric Substitution, Exam 1
6	2/20	8.4, 8.9	Partial Fractions, Improper Integrals
7	2/27	9.1–9.4	Differential Equations, Arc Length, Surface Area of Revolution
8	3/6	10.1–10.2	Sequences, Series
	3/13		Spring Break
9	3/20	10.2, Exam 2	Series, Exam 2
10	3/27	10.3–10.4	Convergence Tests, Absolute Convergence
11	4/3	10.5, 10.6	Power Series, Representing Functions as Power Series
12	4/10	10.7–10.9	Taylor and Maclaurin Series, Applications of Taylor Series
13	4/17	Exam 3	Catch-Up, Exam 3
14	4/24	11.1-11.3	3D Coordinates, Vectors, Dot Product, Cross Product
15	5/1	Review	Final Exam