MAC 2312 – Calculus Early Transcendental, Stewart 8ed
Assignments

Textbook Section	Problems
5.5 The Substitution Rule	1 – 73 odd
6.1 Areas Between Curves	1 – 27 odd, 47, 49
6.2 Volumes	1 – 29 odd
6.3 Volumes by Cylindrical Shells	1 – 19 odd, 37 – 47
6.4 Work	1 – 21 odd
6.5 Average Value of a Function	1 – 15 odd
7.1 Techniques of Integration	1 – 41 odd
7.2 Trigonometric Integrals	1 – 49 odd, 55, 57, 61 – 65 odd
7.3 Trigonometric Substitution	1 – 29 odd
7.4 Integration of Rational Functions by Partial Fractions	1 – 51 odd
7.5 Strategy for Integration	1 – 81 odd
7.7 Approximation Integration	1 – 21 odd, 22
7.8 Improper Integrals	1 – 41 odd, 49 – 53 odd, 57, 59
8.1 Arc Length	1 – 21 odd, 33 – 39 odd
8.2 Area and Surface of Revolution	1 – 17 odd
8.3 Applications to Physics and Engineering	1 – 13 odd, 21 – 35 odd
10.1 Curves Defined by Parametric Equations	1 – 27 odd
10.2 Calculus with Parametric Curves	1 – 19 odd
10.3 Polar Coordinates	1 – 47 odd
10.4 Arcs and Lengths in Polar Coordinates	1 – 41 odd
10.5 Conic Sections	1 – 47 odd
10.6 Conic Sections in Polar Coordinates	1 – 15 odd
11.1 Sequences	3 – 55 odd
11.2 Series	1 – 47 odd
11.3 The Integral Test and Estimates of Sums	1 – 31 odd
11.4 The Comparison Tests	1 – 35 odd
11.5 Alternating Series	1 – 29 odd
11.6 Absolute Convergence and the Ration and Root Tests	1 – 37 odd
11.7 Strategy for Testing Series	1 – 37 odd
11.8 Power Series	1 – 29 odd
11.9 Representations of Functions as Power Series	1 – 31 odd
11.10 Taylor and Maclaurin Series	1 – 59 odd
11.11 Applications of Taylor Polynomials	1 – 21 odd