

MATH 2050 SPRING 2016 TENTATIVE SCHEDULE

Week Starting	Topics	Sections
11-Jan	Antiderivatives Area	4.9, 5.1
18-Jan	The definite integral Fundamental Theorem of Calculus	5.1–5.3
25-Jan	Indefinite integrals Substitution	5.4–5.5
1-Feb	Test 1 Area between curves	6.1
8-Feb	Volumes, disk and washer Volumes, shell	6.2–6.3
15-Feb	Work	6.4
22-Feb	Test 2 Integration by parts	7.1
29-Feb	Trig integrals Trig substitution	7.2–7.3
7-Mar	Spring Break	
14-Mar	Partial Fractions Strategies for integration	7.4–7.5
21-Mar	Strategies for integration Improper integrals	7.5, 7.8
28-Mar	Test 3 Approximate integration	7.7
4-Apr	Arc length Surface area	8.1–8.2
11-Apr	Parametric curves Calculus of parametric curves	10.1–10.2
18-Apr	Polar curves Area of polar curves	10.3–10.4
25-Apr	Review, Test 4	