

Winter 2020 Math 252 Integral Calculus Tentative Calendar

Week	Monday	Wednesday	Friday
Jan 6 - Jan 12	Introductions and Syllabus 4.9 Antiderivatives	4.9 Initial Value Problems - ICA 1 5.1 Introduction Area Under Curves ICA 2	5.1 Intro Riemann Sums - ICA 3 Quiz 1
Jan 13 - Jan 19	5.1 Continued - ICA 4 5.2 Definite Integral - ICA 5	5.2 Definite Integral - ICA 5 5.3 Fundamental Theorem of Calculus	5.3 Fundamental Theorem of Calculus Quiz 2
Jan 20 - Jan 26	Holiday - No Class	5.4 Average Value of Functions 5.5 Substitution Method	5.5 Substitution Method Quiz 3
Jan 27 - Feb 2	6.1 Velocity and Net Change 6.2 Area Between Curves	6.3 The General Slicing Method Review	Exam 1
Feb 3 - Feb 9	6.3 Washer Method	6.4 Shell Method	Quiz 4 Project
Feb 10 - Feb 16	6.7 Physical Applications	6.7 Physical Applications	Quiz 5 8.1 Basic Approaches
Feb 17 - Feb 23	Holiday - No Class	8.5 Partial Fractions	Quiz 6 8.2 Integration by Parts
Feb 24 - Mar 1	8.2 Integration by Parts Continued	Review	Exam 2
Mar 2 - Mar 8	8.3 Trig Integrals	8.6 Other Integration Techniques 8.7 Numerical Integration	Quiz 7 8.8 Improper Integrals
Mar 9 - Mar 15	8.8 Improper Integrals Continued 6.5 Lengths of Curves	6.6 Surface Area	Review
Finals Week			