

Tentative Calendar for Math 125

	WK	Monday	Tuesday	Wednesday	Thursday	Friday
A P R I L	1	March 31 Introductions 5.1 Areas and Distances	April 1 5.1 continued	2 5.2 The definite Integral	3 5.2 continued	4 5.3 The Fundamental Theorem of Calculus
	2	7 5.4 Indefinite Integrals and the Net Change Theorem	8 5.5 The Substitution Rule	9 5.5 Continued	10 Project 1: Normal Distributions Instructor at conference	11 Work on Projects Instructor at conference
	3	14 6.1 Areas Between Curves	15 Review	16 <b>Exam 1</b> Covers sections 5.1 – 6.1	17 6.2 Volumes	18 6.2 continued 6.3 Volumes by Cylindrical Shells
	4	21 6.3 Continued	22 6.4 Work	23 6.5 Average Value of a Function	24 7.1 Integration by Parts	25 7.2 Trigonometric Integrals
	5	28 Review	29 <b>Exam 2</b> Covers sections 6.2 – 7.2	30 7.3 Trigonometric Substitution	May 1 7.3 Continued	2 Study guide Instructor at conference
M A Y	6	5 7.4 Integration of Rational Functions by Partial Fractions	6 7.4 Continued	7 7.5 Strategy for Integration	8 7.6 Integration using Tables and Computer Algebra Systems	9 7.7 Approximate Integration
	7	12 7.8 Improper Integrals	13 Review	14 <b>Exam 3</b> Covers sections 7.2 – 7.8	15 8.1 Arc Length	16 8.2 Area of a Surface of Revolution
	8	19 8.3 Applications to Physics and Engineering	20 8.3 Continued	21 9.1 Modeling with Differential Equations	22 9.1 Continued	23 9.2 Direction Fields and Euler's Method
	9	26 No School Memorial Day	27 9.2 Continued	28 9.3 Separable Equations	29 9.3 Continued	30 Project 2 Torricelli's Law
J U N E	10	June 2 Review	3 <b>Exam 4</b> Covers sections 8.1 – 9.3	4 9.4 Models for Population Growth	5 9.5 Linear Equations	6 Review
	11	9 Day classes do not meet	10 <b>Final Exam</b> 8:00 – 10:00	11	12	13

\*\*\*This schedule is tentative and subject to change as needed.\*\*\*