

Calculus II
Fall 2018

Monday	Tuesday	Wednesday	Thursday	Friday
Aug. 27	28	29	30	31 Classes begin
Sept. 3 No Classes Labor Day	4	5	6	7
10	11	12	13	14
17	18	19	20 Quiz 1	21
24	25	26	27	28
Oct. 1	2	3	4	5
8	9	10	11 Exam 1	12
15	16	17	18	19

Monday	Tuesday	Wednesday	Thursday	Friday
22	23	24	25	26
29	30	31	Nov. 1 Quiz 2 Last day to withdraw	2
5	6	7	8	9
12	13	14	15 Exam 2	16
19	20	21 No Classes Thanksgiving	22 No Classes Thanksgiving	23 No Classes Thanksgiving
26	27	28	29	30
Dec. 3	4	5	6 Quiz 3	7
10	11	12	13 Last day of classes	14

Tentative Course Outline

Chapter	Section	Topic
5	5.1	Areas and Distances
	5.2	Definite Integral
	5.3	Fundamental Theorem of Calculus
	5.4	Indefinite Integrals
	5.5	Substitution Rule
6	6.1	Areas Between Curves
	6.2	Volumes
	6.4	Work
	6.5	Average Value of a Function
7	7.1	Integration by Parts
	7.2	Trigonometric Integrals
	7.4	Partial Fractions
	7.5	Strategy for Integration
	7.6	Tables of Integrals
	7.7	Approximate Integration
	7.8	Improper Integrals
	8	8.1
8.3		Applications to Physics
8.5		Probability
11	11.1	Sequences
	11.2	Series
	11.3	Integral Test
	11.4	Comparison Test
	11.5	Alternating Series Test
	11.6	Absolute Convergence, Ratio and Root Tests
	11.8	Power Series
	11.9	Representation of Functions as Power Series
	11.10	Taylor and Maclaurin Series