

MATH 1062 Calculus II Tentative Course Outline (Fall 2025)

Week	Date	Day	Sections Covered
Week 1	25-Aug	Monday	Recitation - Review of basic integration and u-substitution
	26-Aug	Tuesday	Course intro and 6.2 Volumes
	27-Aug	Wednesday	6.2 Volumes
	28-Aug	Thursday	6.3 Volumes by Cylindrical Shells

Week	Date	Day	Sections Covered
Week 2	01-Sep	Monday	Labor Day; No Class
	02-Sep	Tuesday	7.1 Integration by Parts (1.5 classes)
	03-Sep	Wednesday	7.1 Integration by Parts
	04-Sep	Thursday	7.2 Trigonometric Integrals (1 class)

Week	Date	Day	Sections Covered
Week 3	08-Sep	Monday	Recitation & Quiz #1
	09-Sep	Tuesday	7.3 Trigonometric Substitutions
	10-Sep	Wednesday	7.3 Trigonometric Substitutions
	11-Sep	Thursday	7.4 Rational Functions and Partial Fractions

Week	Date	Day	Sections Covered
Week 4	15-Sep	Monday	Recitation & Quiz #2
	16-Sep	Tuesday	7.4 Partial Fractions Continued
	17-Sep	Wednesday	7.5 Strategies for Integration (review)
	18-Sep	Thursday	Review for Test 1 Test 1, Thu Sep 18, 6:30-8pm (Covers 6.2, 6.3, 7.1-7.5)

Week	Date	Day	Sections Covered
Week 5	22-Sep	Monday	Recitation & Quiz #3
	23-Sep	Tuesday	7.8 Improper Integrals
	24-Sep	Wednesday	7.8 Improper Integrals
	25-Sep	Thursday	8.1 Arc Length 8.2 Area of a Surface of Revolution

Week	Date	Day	Sections Covered
Week 6	29-Sep	Monday	Recitation & Quiz #4
	30-Sep	Tuesday	8.2 Area of a Surface of Revolution
	01-Oct	Wednesday	11.1 Sequences (1.5 classes)
	02-Oct	Thursday	11.1 Sequences 11.2 Series (1.5 classes)

Week	Date	Day	Sections Covered
Week 7	06-Oct	Monday	Recitation & Quiz #5
	07-Oct	Tuesday	11.2 Series
	08-Oct	Wednesday	11.3 Integral Test and Estimating Sums (1.5 classes)
	09-Oct	Thursday	Reading Day; No Class

Week	Date	Day	Sections Covered
Week 8	13-Oct	Monday	Recitation & Quiz #6
	14-Oct	Tuesday	11.3 Integral Test and Estimating Sums
	15-Oct	Wednesday	11.4 Comparison Tests
	16-Oct	Thursday	11.5 Alternating Series (Also covers estimating the errors.)

Week	Date	Day	Sections Covered
Week 9	20-Oct	Monday	Recitation & Quiz #7
	21-Oct	Tuesday	11.6 Absolute Convergence: Ratio and Root Tests
	22-Oct	Wednesday	11.7 Strategy for Testing Series
	23-Oct	Thursday	Review for Test 2 Test 2, Thu Oct 23, 6:30-8pm (Covers 7.8, 8.1, 8.2, 11.1-11.7)

Week	Date	Day	Sections Covered
Week 10	27-Oct	Monday	Recitation & Quiz #8
	28-Oct	Tuesday	11.8 Power Series (1.5 classes)
	29-Oct	Wednesday	11.8 Power Series
	30-Oct	Thursday	11.9 Functions as Power Series

Week	Date	Day	Sections Covered
Week 11	03-Nov	Monday	Recitation & Quiz #9
	04-Nov	Tuesday	Veterans Day; No Class
	05-Nov	Wednesday	11.10 Taylor and Maclaurin Series (2 classes)
	06-Nov	Thursday	11.10 Taylor and Maclaurin Series 11.11 Applications of Taylor Polynomials

Week	Date	Day	Sections Covered
Week 12	10-Nov	Monday	Recitation & Quiz #10
	11-Nov	Tuesday	Veterans Day; No Class
	12-Nov	Wednesday	10.1 Parametric Curves
	13-Nov	Thursday	10.2 Calculus with Parametric Curves

Week	Date	Day	Sections Covered
Week 13	17-Nov	Monday	Recitation & Quiz #11
	18-Nov	Tuesday	10.2 Calculus with Parametric Curves
	19-Nov	Wednesday	10.3 Polar Coordinates
	20-Nov	Thursday	Review for Test 3 Test 3, Thu Nov 20, 6:30-8pm (Covers 11.6-11.11, 10.1-10.2)

Week	Date	Day	Sections Covered
Week 14	24-Nov	Monday	Recitation & Quiz #12
	25-Nov	Tuesday	10.3 Polar Coordinates
	26-Nov	Wednesday	10.4 Area & Length in Polar Coordinates
	27-Nov	Thursday	Thanksgiving Holiday; No Class

Week	Date	Day	Sections Covered
Week 15	01-Dec	Monday	Recitation & Quiz #13
	02-Dec	Tuesday	Review for Final Exam
	03-Dec	Wednesday	Review for Final Exam
	04-Dec	Thursday	Review for Final Exam

Week	Date	Day	Sections Covered
Week 16	December	TBA	Final Exam Week Comprehensive Final Exam (TBA)