

AMAT113: Calculus II				
Lecture & Assessment Schedule — Fall 2026 (Mon/Wed/Fri)				
Key: ☐ = Self-tracking checkbox [QUIZ] = In-Class Quizzes [EXAM] = In-Class Exams				
Week	Date	Lecture Topic & Sections	Quizzes & Exams	Homework Deadlines (11:59 PM)
Week 1	M 8/24	Course Intro & §1.1 Approximating Areas		
	W 8/26	§1.2 The Definite Integral		☐ Review Syllabus & Brightspace Portal
	F 8/28	Problem Solving & Integration Review		
Week 2	M 8/31	§1.3 Fundamental Theorem of Calculus		
	W 9/2	§1.4 Integration Formulas & Net Change		
	F 9/4	§1.5 Substitution	[QUIZ 1] (§1.1, §1.2)	☐ HW1 Due: Sun 9/6 (§1.1, §1.2)
Week 3	M 9/7	No Class — Labor Day Observed		
	W 9/9	§1.6 Integrals with Exp & Log Functions		
	F 9/11	§1.7 Integrals Resulting in Inverse Trig		☐ HW2 Due: Sun 9/13 (§1.3, §1.4)
Week 4	M 9/14	§3.1 Integration by Parts		
	W 9/16	§2.1 Areas between Curves		
	F 9/18	Problem Solving & Review	[QUIZ 2] (§1.5–§1.7)	☐ HW3 Due: Sun 9/20 (§1.5–§1.7)
Week 5	M 9/21	§2.2 Volumes by Slicing		
	W 9/23	§2.2 Volumes by Slicing (Continued)		
	F 9/25	§2.3 Volumes of Revolution: Shells		☐ HW4 Due: Sun 9/27 (§3.1, §2.1)
Week 6	M 9/28	Catch-Up & Exam 1 Review		☐ HW5 Due: Mon 9/28 (§2.2, §2.3) <i>(Early deadline before exam)</i>
	W 9/30	EXAM 1 TESTING	[EXAM 1] (In-Class)	Covers Chapters 1, 2, & §3.1
	F 10/2	§3.2 Trigonometric Integrals		
Week 7	M 10/5	§3.3 Trigonometric Substitution		
	W 10/7	§3.3 Trig Substitution (Continued)		
	F 10/9	§3.4 Partial Fractions		
Week 8	M 10/12	No Class — Fall Break		
	W 10/14	§3.4 Partial Fractions (Continued)		
	F 10/16	§3.7 Improper Integrals	[QUIZ 3] (§3.2, §3.3)	☐ HW6 Due: Sun 10/18 (§3.2, §3.3)
Week 9	M 10/19	§5.1 Sequences		
	W 10/21	§5.2 Infinite Series		
	F 10/23	§5.3 Divergence & Integral Tests		☐ HW7 Due: Sun 10/25 (§3.4, §3.7)
Week 10	M 10/26	§5.4 Comparison Tests		
	W 10/28	Catch-Up & Exam 2 Review		☐ HW8 Due: Wed 10/28 (§5.1–§5.4) <i>(Early deadline before exam)</i>
	F 10/30	EXAM 2 TESTING	[EXAM 2] (In-Class)	Covers Chapter 3 & §5.1–5.4
Week 11	M 11/2	§5.5 Alternating Series		
	W 11/4	§5.6 Ratio and Root Tests		
	F 11/6	§6.1 Power Series and Functions		
Week 12	M 11/9	§6.1 Power Series (Continued)		
	W 11/11	§6.2 Properties of Power Series		
	F 11/13	Problem Solving Session	[QUIZ 4] (§5.5, §5.6)	☐ HW9 Due: Sun 11/15 (§5.5, §5.6)
Week 13	M 11/16	§6.3 Taylor and Maclaurin Series		
	W 11/18	§6.3 Taylor Series (Continued)		
	F 11/20	Catch-Up & Exam 3 Review		☐ HW10 Due: Sun 11/22 (§6.1–§6.3)
Week 14	M 11/23	EXAM 3 TESTING	[EXAM 3] (In-Class)	Covers §5.5–5.6 & Chapter 6
	W 11/25	No Class — Thanksgiving Break		
	F 11/27	No Class — Thanksgiving Break		
Week 15	M 11/30	§7.1 Parametric Equations		
	W 12/2	§7.2 Calculus of Parametric Curves		
	F 12/4	§7.2 Parametric Curves (Continued)		
Week 16	M 12/7	§7.3 Polar Coordinates		☐ HW11 Due: Fri 12/11 (§7.1–§7.3) <i>(End of Semester Deadline)</i>
OPTIONAL FINAL EXAM (Cumulative) — Date, Time, and Location to be Announced by the Office of the Registrar				