

AMAT112: Calculus I				
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 & §2.1 Preview of Calculus		
	W 8/26	§1.1 Review of Functions		☐ Review Syllabus & Brightspace Portal
	F 8/28	§1.2 Basic Classes of Functions		
Week 2	M 8/31	§2.2 The Limit of a Function		
	W 9/2	§2.3 The Limit Laws		
	F 9/4	§4.6 Limits at Infinity & Asymptotes	[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	§4.6 Limits at Infinity (Continued)		
	F 9/11	§2.4 Continuity		☐ HW2 Due: Sun 9/13 (§2.2, §2.3, §4.6)
Week 4	M 9/14	§2.4 Continuity (Continued)		
	W 9/16	§3.1 Defining the Derivative		
	F 9/18	§3.2 Derivative as a Function (Part 1)	[QUIZ 2] (§2.2–§2.4)	
Week 5	M 9/21	Practice & Problem Session		☐ HW3 Due: Mon 9/21 (§2.4, §3.1, §3.2) (Early deadline before exam)
	W 9/23	EXAM 1 TESTING	[EXAM 1] (In-Class)	Covers Chapters 1, 2, & §3.1–3.2
	F 9/25	§3.2 Derivative as a Function (Part 2)		
Week 6	M 9/28	§3.3 Differentiation Rules		
	W 9/30	§3.3 Differentiation Rules (Continued)		
	F 10/2	§3.5 Derivatives of Trig Functions	[QUIZ 3] (§3.2, §3.3)	☐ HW4 Due: Sun 10/4 (§3.2, §3.3)
Week 7	M 10/5	§3.6 The Chain Rule		
	W 10/7	Practice & Problem Session		
	F 10/9	§3.8 Implicit Differentiation		☐ HW5 Due: Sun 10/11 (§3.5, §3.6)
Week 8	M 10/12	No Class — Fall Break		
	W 10/14	§3.7 Derivatives of Inverse Functions		
	F 10/16	§3.9 Derivatives of Exp & Log Functions	[QUIZ 4] (§3.6, §3.8)	
Week 9	M 10/19	Practice & Problem Session		☐ HW6 Due: Mon 10/19 (§3.7, §3.8, §3.9) (Early deadline before exam)
	W 10/21	EXAM 2 TESTING	[EXAM 2] (In-Class)	Covers Chapter 3 Differentiation
	F 10/23	§4.2 Linear Approximations & Differentials		
Week 10	M 10/26	§4.4 The Mean Value Theorem		
	W 10/28	§4.3 Maxima and Minima		
	F 10/30	§4.3 Maxima and Minima (Continued)	[QUIZ 5] (§4.2, §4.4)	☐ HW7 Due: Sun 11/1 (§4.2, §4.4)
Week 11	M 11/2	§4.5 Derivatives & Shape of a Graph		
	W 11/4	§4.6 Curve Sketching & Graph Analysis		
	F 11/6	Practice & Problem Session		☐ HW8 Due: Sun 11/8 (§4.3)
Week 12	M 11/9	§4.8 L'Hôpital's Rule		
	W 11/11	§4.8 L'Hôpital's Rule (Continued)		
	F 11/13	§4.7 Applied Optimization Problems	[QUIZ 6] (§4.5, §4.6, §4.8)	☐ HW9 Due: Sun 11/15 (§4.5, §4.6, §4.8)
Week 13	M 11/16	§4.7 Applied Optimization (Continued)		
	W 11/18	§4.10 Antiderivatives		
	F 11/20	Practice & Problem Session		☐ HW10 Due: Sun 11/22 (§4.7, §4.10)
Week 14	M 11/23	EXAM 3 TESTING	[EXAM 3] (In-Class)	Covers Chapter 4 Applications
	W 11/25	No Class — Thanksgiving Break		
	F 11/27	No Class — Thanksgiving Break		
Week 15	M 11/30	§5.1 Approximating Areas		
	W 12/2	§5.2 The Definite Integral		
	F 12/4	§5.3 Fundamental Theorem of Calculus		
Week 16	M 12/7	§5.3 Fundamental Theorem (Continued)		☐ HW11 Due: Fri 12/11 (§5.1, §5.2, §5.3)
OPTIONAL FINAL EXAM (Cumulative) — Date, Time, and Location to be Announced by the Office of the Registrar				