

AMAT112: Calculus I				
Lecture & Assessment Schedule — Fall 2026 (Tue/Wed/Thu)				
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	T 8/25	Course Intro & §2.1 Preview of Calculus		☐ Review Syllabus & Brightspace Portal
	W 8/26	§1.1 Review of Functions		
	Th 8/27	§1.2 Basic Classes of Functions		
Week 2	T 9/1	§2.2 The Limit of a Function		
	W 9/2	§2.3 The Limit Laws		
	Th 9/3	§4.6 Limits at Infinity & Asymptotes	[QUIZ 1] (§1.1, §1.2)	☐ HW1 Due: Sun 9/6 (§1.1, §1.2)
Week 3	T 9/8	§4.6 Limits at Infinity (Continued)		
	W 9/9	§2.4 Continuity		
	Th 9/10	§2.4 Continuity (Continued)		☐ HW2 Due: Sun 9/13 (§2.2, §2.3, §4.6)
Week 4	T 9/15	§3.1 Defining the Derivative		
	W 9/16	§3.2 Derivative as a Function (Part 1)		
	Th 9/17	§3.2 Derivative as a Function (Part 2)	[QUIZ 2] (§2.2–§2.4)	
Week 5	T 9/22	Practice & Problem Session		
	W 9/23	Catch-Up & Exam 1 Review		☐ HW3 Due: Wed 9/23 (§2.4, §3.1, §3.2) (Early deadline before exam)
	Th 9/24	EXAM 1 TESTING	[EXAM 1] (In-Class)	Covers Chapters 1, 2, & §3.1–3.2
Week 6	T 9/29	§3.3 Differentiation Rules		
	W 9/30	§3.3 Differentiation Rules		
	Th 10/1	§3.5 Derivatives of Trig Functions	[QUIZ 3] (§3.2, §3.3)	☐ HW4 Due: Sun 10/4 (§3.2, §3.3)
Week 7	T 10/6	§3.6 The Chain Rule		
	W 10/7	Practice & Problem Session		
	Th 10/8	§3.8 Implicit Differentiation		☐ HW5 Due: Sun 10/11 (§3.5, §3.6)
Week 8	T 10/13	No Class — Fall Break		
	W 10/14	§3.7 Derivatives of Inverse Functions		
	Th 10/15	§3.9 Derivatives of Exp & Log Functions	[QUIZ 4] (§3.6, §3.8)	
Week 9	T 10/20	Practice & Problem Session		
	W 10/21	§4.2 Linear Approximations & Differentials		
	Th 10/22	Catch-Up & Exam 2 Review		☐ HW6 Due: Mon 10/26 (§3.7, §3.8, §3.9) (Early deadline before exam)
Week 10	T 10/27	EXAM 2 TESTING	[EXAM 2] (In-Class)	Covers Chapter 3 Differentiation
	W 10/28	§4.4 The Mean Value Theorem		
	Th 10/29	§4.3 Maxima and Minima		☐ HW7 Due: Sun 11/1 (§4.2, §4.4)
Week 11	T 11/3	§4.3 Maxima and Minima (Continued)		
	W 11/4	§4.5 Derivatives & Shape of a Graph		
	Th 11/5	§4.6 Curve Sketching & Graph Analysis	[QUIZ 5] (§4.2, §4.4)	☐ HW8 Due: Sun 11/8 (§4.3, §4.5)
Week 12	T 11/10	§4.8 L'Hôpital's Rule		
	W 11/11	§4.8 L'Hôpital's Rule (Continued)		
	Th 11/12	§4.7 Applied Optimization Problems	[QUIZ 6] (§4.5, §4.6, §4.8)	☐ HW9 Due: Sun 11/15 (§4.6, §4.8)
Week 13	T 11/17	§4.7 Applied Optimization (Continued)		
	W 11/18	§4.10 Antiderivatives		
	Th 11/19	Catch-Up & Exam 3 Review		☐ HW10 Due: Mon 11/23 (§4.7, §4.10) (Early deadline before exam)
Week 14	T 11/24	EXAM 3 TESTING	[EXAM 3] (In-Class)	Covers Chapter 4 Applications
	W 11/25	No Class — Thanksgiving Break		
	Th 11/26	No Class — Thanksgiving Break		
Week 15	T 12/1	§5.1 Approximating Areas		
	W 12/2	§5.2 The Definite Integral		
	Th 12/3	§5.3 Fundamental Theorem of Calculus		
Week 16	M 12/7	No Lecture — Final Exam Review / Catch-Up		☐ 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				