

AMAT100 Pre-Calculus Lecture Schedule (Spring 2026)

WEEK	DATE	Resources
1	W 1/21	• Introduction and 1.1 Functions and Function Notation Practice Problems: Functions and Function Notation
	M 1/26	• 1.2 Domain and Range (and Piecewise-defined functions) Practice Problems: Domain of a Function
2	W 1/28	• 1.3 Rates of Change and Behavior of Graphs Practice Problems: Rates of Change and Behavior of Graphs • Quiz 1 (Secs. 1.1, 1.2) HW1 Secs. 1.1, 1.2 Due Sunday 2/1
3	M 2/2	• 1.3 Rates of Change and Behavior of Graphs (Continued) Practice Problems: Composition Functions
	W 2/4	• 1.4 Composition of Functions HW2 Secs. 1.2, 1.3 Due Sunday 2/8 • Quiz 2 (Sec. 1.3)
4	M 2/9	• 1.5 Transformation of Functions Practice Problems: Transformation of Functions
	W 2/11	• 1.6 Absolute Value Functions HW3 Secs. 1.4, 1.5 Due Sunday 2/15 • Quiz 3 (Sec. 1.4)
5	M 2/16	• 1.7 Inverse Functions Practice Problems: Inverse Functions
	W 2/18	• Catch Up and Review HW4 Secs. 1.6, 1.7 Due Sunday 2/22
6	M 2/23	Exam 1 in Class Monday 2/23
	W 2/25	• 2.1 Linear Functions Practice Problems: Linear Functions
7	M 3/2	• 2.2 Graphs of Linear Functions Practice Problems: Quadratic Functions
	W 3/4	• 3.2 Quadratic Functions HW5 Secs. 2.1, 2.2 Due Sunday 3/8
8	M 3/9	• 3.3 Power Functions and Polynomial Functions Practice Problems: Power and Polynomial Functions
	W 3/11	• 3.4 Graphs of Polynomial Functions and 3.8 Inverses and Radical Functions HW6 Sec. 3.2, 3.3 Due Sunday 3/15 • Quiz 4 (Sec. 2.1, 2.2, 3.2)
9	M 3/16	Spring Break (Classes Suspended)
	W 3/18	
10	M 3/23	• 3.7 Rational Functions Practice Problems: Rational Functions
	W 3/25	• 4.1 Exponential Functions and 4.2 Graphs of Exponential Functions Practice Problems: Exponential Functions • Quiz 5 (Secs. 3.3, 3.4) HW7 Secs. 3.4, 3.7, 3.8 Due Sunday 3/29
11	M 3/30	• 4.3 Logarithmic Functions and 4.4 Graphs of Logarithmic Functions Practice Problems: Logarithmic Functions and Properties of Logs
	W 4/1	• 4.5 Logarithmic Properties HW8 Secs. 4.1-4.4 Due Sunday 4/5 • Quiz 6 (Sec. 3.7)
12	M 4/6	• 4.6 Exponential and Logarithmic Equations Practice Problems: Exponential and Logarithmic Equations
	W 4/8	• Catch Up and Review HW9 Secs. 4.5, 4.6 Due Sunday 4/12
13	M 4/13	Exam 2 in Class Monday 4/13
	W 4/15	• 6.1 Graphs of the Sine and Cosine Functions (Review Secs. 5.1, 5.2) Practice Problems: Trigonometry Review
14	M 4/20	• 6.2 Graphs of the Other Trigonometric Functions (Review Sec. 5.3) Practice Problems: Graphs of Sine and Cosine Functions
	W 4/22	• 6.3 Inverse Trigonometric Functions (Review Sec. 5.4) Practice Problems: Inverse Trig Functions
15	M 4/27	• 6.3 Inverse Trigonometric Functions (Continued) Practice Problems: Trig Identities and Equations
	W 4/29	• 7.1 Simplifying and Verifying Trigonometric Identities HW10 Secs. 6.1-6.3 Due Sunday 5/3 • Quiz 7 (Secs. 6.1, 6.2, 6.3)
16	M 5/4	• 7.2 Sum and Difference Identities Practice Problems: Trig Identities and Equations
		• 7.3 Double-Angle, Half-Angle, and Reduction Formulas HW11 Secs. 7.1-7.3 Due Thursday 5/7
		FINAL EXAM (Cumulative) date announced by the Registrar