

AMAT 108: Elementary Statistics

Lecture & Assessment Schedule — Fall 2026 (Tuesday/Thursday Sections)

All homework assignments are available on Brightspace and are due at 11:59 PM on the specified date.

Note: All sections listed refer to the course textbook by Peck, Short, and Olsen.

Key: ☐ = Self-tracking checkbox [EXAM] = In-Class Examination Textbook: Peck, Short, & Olsen (6th Edition)

Week	Date	Lecture Topic & Sections	Exams & In-Class Events	Homework Deadlines (11:59 PM)
Pre-Class	Online	§1.1, §1.2, §1.3, §1.4, & §2.2 (Video Modules)	On-Your-Own Prep	☐ Complete before T 8/25
Week 1	T 8/25	Course Introduction & Overview		
	Th 8/27	§3.1 & §3.2 Pie Charts and Stem-and-Leaf Plots		☐ HW1 Due: Sun 8/30 (§1.1–1.4, 2.2)
Week 2	T 9/1	§3.3 Frequency Distributions and Histograms		
	Th 9/3	§4.1 & §4.2 Numerical Measures of a Data Set		☐ HW2 Due: Sun 9/6 (§3.1, 3.2)
Week 3	T 9/8	§4.3 & §4.4 Outliers and the Empirical Rule		
	Th 9/10	§6.1 Chance Experiments and Events		☐ HW3 Due: Sun 9/13 (§3.3, 4.1, 4.2)
Week 4	T 9/15	§6.3 & §6.4 Basic Properties of Probability and Conditional Probability		
	Th 9/17	§6.5 Independence		☐ HW4 Due: Sun 9/20 (§4.3, 4.4)
Week 5	T 9/22	§7.1 & §7.2 Random Variables and Probability Distributions		☐ HW 5 Due: Wed 9/23 (§6.1, 6.3, 6.4, 6.5)
	Th 9/24	FIRST IN-CLASS EXAMINATION	[Exam 1] (In-Class)	
Week 6	T 9/29	§7.3 & §7.4 Probability Distributions & Mean and Standard Deviation		
	Th 10/1	§7.6 Normal Distributions		☐ HW6 Due: Sun 10/4 (§7.1, 7.2)
Week 7	T 10/6	§8.1 Sampling Variability		
	Th 10/8	§8.2 Sampling Distribution of a Mean		☐ HW7 Due: Sun 10/11 (§7.3, 7.4)
Week 8	T 10/13	No Class — Fall Break		
	Th 10/15	§8.3 Sampling Distribution of a Proportion		☐ HW8 Due: Sun 10/18 (§7.6, 8.1)
Week 9	T 10/20	§9.1 & §9.2 Estimation & Confidence Intervals		☐ HW9 Due: Wed 10/21 (§8.2, 8.3)
	Th 10/22	SECOND IN-CLASS EXAMINATION	[EXAM 2] (In-Class)	
Week 10	T 10/27	§9.3 Confidence Intervals for Means		
	Th 10/29	§10.1 & §10.2 Basics on Hypothesis Testing		☐ HW10 Due: Sun 11/1 (§9.1, 9.2)
Week 11	T 11/3	§10.3 Testing Hypotheses for a Proportion		
	Th 11/5	§10.4 Testing Hypotheses for a Mean		☐ HW11 Due: Sun 11/8 (§9.3)
Week 12	T 11/10	§11.3 Comparing Two Population Proportions		
	Th 11/12	§11.1 Comparing Two Population Means		☐ HW12 Due: Sun 11/15 (§10.1–10.3)
Week 13	T 11/17	§3.4 & §5.1 Bivariate Numerical Data and Correlation		☐ HW13 Due: Wed 10/18 (§10.4, 11.1, 11.3)
	Th 11/19	THIRD IN-CLASS EXAMINATION	[EXAM 3] (In-Class)	
Week 14	T 11/24	§5.2 Simple Least-Squares Regression Line		
	Th 11/26	No Class — Thanksgiving Break		
Week 15	T 12/1	§5.3 Assessing the Fit of a Line		☐ HW14 Due: Mon 11/30 (§3.4, 5.1) (Due after break)
	Th 12/3	Review for Final Exam		☐ HW15 Due: Sun 12/6 (§5.2, 5.3) ☐ Complete Final Exam Prep

READING DAY IS TUESDAY 12/8

OPTIONAL DEPARTMENTAL FINAL EXAM SCHEDULED BY REGISTRAR’S OFFICE