AMAT 108: Elementary Statistics

Lecture & Assessment Schedule — Fall 2026 (Monday/Wednesday/Friday 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 M 8/24*
Week 1	M 8/24	Course Introduction & Overview		
	W 8/26	§3.1 Pie Charts		
	F 8/28	§3.2 Stem-and-Leaf Plots		☐ **HW1 Due:** Sun 8/30 (§1.1–1.4, 2.2)
Week 2	M 8/31	§3.3 Frequency Distributions and Histograms		
	W 9/2	§4.1 Numerical Measures of a Data Set		
	F 9/4	§4.2 Numerical Measures of a Data Set (Continued)		☐ **HW2 Due:** Sun 9/6 (§3.1, 3.2)
Week 3	M 9/7	***No Class*** — *Labor Day*		
	W 9/9	§4.3 Outliers		
	F 9/11	§4.4 The Empirical Rule		☐ **HW3 Due:** Sun 9/13 (§3.3, 4.1, 4.2)
Week 4	M 9/14	§6.1 Chance Experiments and Events		
	W 9/16	§6.3 Basic Properties of Probability		
	F 9/18	§6.4 Conditional Probability		☐ **HW4 Due:** Sun 9/20 (§4.3, 4.4)
Week 5	M 9/21	§6.5 Independence		
	W 9/23	§7.1 Random Variables		
	F 9/25	§7.2 Probability Distributions		☐ **HW5 Due:** Sun 9/27 (§6.1, 6.3, 6.4, 6.5)
Week 6	M 9/28	**FIRST IN-CLASS EXAMINATION**	**[EXAM 1]** (In-Class)	
	W 9/30	§7.3 Probability Distributions (Continued)		
	F 10/2	§7.4 Mean and Standard Deviation		☐ **HW6 Due:** Sun 10/4 (§7.1, 7.2)
Week 7	M 10/5	§7.6 Normal Distributions		
	W 10/7	§8.1 Sampling Variability		
	F 10/9	§8.1 Sampling Variability (Continued)		☐ **HW7 Due:** Sun 10/11 (§7.3, 7.4)
Week 8	M 10/12	***No Class*** — *Fall Break*		
	W 10/14	§8.2 Sampling Distribution of a Mean		
	F 10/16	§8.2 Sampling Distribution of a Mean (Continued)		☐ **HW8 Due:** Sun 10/18 (§7.6, 8.1)
Week 9	M 10/19	§8.3 Sampling Distribution of a Proportion		
	W 10/21	§9.1 Estimation		
	F 10/23	§9.2 Confidence Intervals		☐ **HW9 Due:** Sun 10/25 (§8.2, 8.3)
Week 10	M 10/26	**SECOND IN-CLASS EXAMINATION**	**[EXAM 2]** (In-Class)	
	W 10/28	§9.3 Confidence Intervals for Means		
	F 10/30	§9.3 Confidence Intervals for Means (Continued)		☐ **HW10 Due:** Sun 11/1 (§9.1, 9.2)
Week 11	M 11/2	§10.1 Basics on Hypothesis Testing		
	W 11/4	§10.2 Basics on Hypothesis Testing (Continued)		
	F 11/6	§10.3 Testing Hypotheses for a Proportion		☐ **HW11 Due:** Sun 11/8 (§9.3)
Week 12	M 11/9	§10.4 Testing Hypotheses for a Mean		
	W 11/11	§10.4 Testing Hypotheses for a Mean (Continued)		
	F 11/13	§11.3 Comparing Two Population Proportions		☐ **HW12 Due:** Sun 11/15 (§10.1–10.3)
Week 13	M 11/16	§11.1 Comparing Two Population Means		
	W 11/18	§3.4 Bivariate Numerical Data		
	F 11/20	§5.1 Correlation		☐ **HW13 Due:** Sun 11/22 (§10.4, 11.1, 11.3)
Week 14	M 11/23	**THIRD IN-CLASS EXAMINATION**	**[EXAM 3]** (In-Class)	
	W 11/25	***No Class*** — *Thanksgiving Break*		
	F 11/27	***No Class*** — *Thanksgiving Break*		
Week 15	M 11/30	§5.2 Simple Least-Squares Regression Line		☐ **HW14 Due: Mon 11/30** (§3.4, 5.1) *(Due after break)*
	W 12/2	§5.2 Simple Least-Squares Regression Line (Continued)		
	F 12/4	§5.3 Assessing the Fit of a Line		☐ **HW15 Due:** Sun 12/6 (§5.2, 5.3)
Week 16	M 12/7	Review for Final Exam		☐ *Complete Final Exam Prep*
	W 12/9	Final Exam Review		
	F 12/11	Reading Period / Final Exams		

READING DAY IS TUESDAY 12/8

OPTIONAL DEPARTMENTAL FINAL EXAM SCHEDULED BY REGISTRAR'S OFFICE