

COURSE SCHEDULE

MATH 201

Textbook: Navidi & Monk, *Elementary Statistics*, 3th Ed. (2019).

MODULE/ WEEK	READING & STUDY	ASSIGNMENTS	DUE DATE	POINTS
1	Navidi & Monk: sections 1.1, 1.2, 2.1 – 2.3 Module 1 Overview Video Introduction to Statistics Video 1.1 Excel Tips Video 2.2 Excel Tips Video	Course Requirements Checklist	Wed 08/26	10
		Class Introductions	Mon 08/31	0
		HW: 1.1 Sampling Assignment	Sat 08/29	10
		HW: 1.2 Types of Data Assignment	Sat 08/29	10
		HW: 2.1 Graphical Summaries for Qualitative Data Assignment	Sat 08/29	10
		HW: 2.2 Frequency Distributions and Their Graphs Assignment	Mon 08/31	10
		HW: 2.3 More Graphs for Quantitative Data Assignment	Mon 08/31	10
		Project: Data Collection Assignment	Mon 08/31	15
2	Navidi & Monk: sections 3.1 – 3.3 Module 2 Overview Video 3.1 Excel Tips Video 3.2 Excel Tips Video 3.3 Excel Tips Video Quiz: Introduction and Descriptive Statistics Exam Topic List	HW: 3.1 Measures of Center Assignment	Sat 09/05	10
		HW: 3.2 Measures of Spread Assignment	Sat 09/05	10
		HW: 3.3 Measures of Position Assignment	Sat 09/05	10
		Review: Introduction and Descriptive Statistics Assignment	Mon 09/07	5
		Quiz: Introduction and Descriptive Statistics	Mon 09/07	118
		Written Work: Introduction and Descriptive Statistics Assignment	Mon 09/07	7
3	Navidi & Monk: sections 5.1 – 5.4 Module 3 Overview Video 5.4 Excel Tips Video	HW: 5.1 Basic Concepts of Probability Assignment	Sat 09/12	10
		HW: 5.2 The Addition Rule and the Rule of Complements Assignment	Sat 09/12	10
		HW: 5.3 Conditional Probability and the Multiplication Rule Assignment	Sat 09/12	10
		HW: 5.4 Counting Assignment	Mon 09/14	10
		Project: Descriptive Statistics Assignment	Mon 09/14	35

4	Navidi & Monk: sections 6.1, 6.2, 7.1, 7.2 Module 4 Overview Video 6.2 Excel Tips Video 7.1 Excel Tips Video 7.2 Excel Tips Video Quiz: Probability Exam Topic List	HW: 6.1 Random Variables Assignment	Sat 09/19	10
		HW: 6.2 The Binomial Distribution Assignment	Sat 09/19	10
		HW: 7.1 The Standard Normal Curve Assignment	Sat 09/19	10
		HW: 7.2 Applications of the Normal Distribution Assignment	Sat 09/19	10
		Review: Probability	Mon 09/21	5
		Quiz: Probability	Mon 09/21	118
		Written Work: Probability Submission Assignment	Mon 09/21	7
5	Navidi & Monk: sections 7.3, 7.4, 8.1 – 8.3 Module 5 Overview Video 7.3 Excel Tips Video 7.4 Excel Tips Video 8.1 Excel Tips Video 8.2 Excel Tips Video 8.3 Excel Tips Video	HW: 7.3 Sampling Distributions and the Central Limit Theorem Assignment	Sat 09/26	10
		HW: 7.4 The Central Limit Theorem for Proportions Assignment	Sat 09/26	10
		HW: 8.1 Confidence Intervals for a Population Mean, Standard Deviation Known Assignment	Sat 09/26	10
		HW: 8.2 Confidence Intervals for a Population Mean, Standard Deviation Unknown Assignment	Mon 09/28	10
		HW: 8.3 Confidence Intervals for a Population Proportion Assignment	Mon 09/28	10
		Project: Confidence Intervals Assignment	Mon 09/28	35
6	Navidi & Monk: sections 9.1 – 9.4 Module 6 Overview Video 9.2 Excel Tips Video 9.3 Excel Tips Video 9.4 Excel Tips Video Quiz: Inferential Statistics Exam Topic List	HW: 9.1 Basic Principles of Hypothesis Testing Assignment	Sat 10/03	10
		HW: 9.2 Hypothesis Tests for a Population Mean, Standard Deviation Known Assignment	Sat 10/03	10
		HW: 9.3 Hypothesis Tests for a Population Mean, Standard Deviation Unknown Assignment	Sat 10/03	10
		HW: 9.4 Hypothesis Tests for Proportions Assignment	Sat 10/03	10
		Review: Inferential Statistics Assignment	Mon 10/05	5
		Quiz: Inferential Statistics	Mon 10/05	118
		Written Work: Inferential Statistics Submission Assignment	Mon 10/05	7
		Project: Hypothesis Testing	Mon 10/05	35

7	Navidi & Monk: sections 9.5, 11.4, 12.1, 12.2 Module 7 Overview Video Finding P-values for the Chi-Squared Distribution on the TI 83/84 Video 9.5 Excel Tips Video 11.4 Excel Tips Video 12.1 Excel Tips Video 12.2 Excel Tips Video	HW: 9.5 Hypothesis Tests for a Standard Deviation Assignment HW: 11.4 Hypothesis Tests for Two Population Standard Deviations Assignment HW: 12. 1 Testing Goodness of Fit Assignment HW: 12.2 Tests for Independence Assignment Project: Final Submission Assignment	Sat 10/10 Sat 10/10 Mon 10/12 Mon 10/12 Mon 10/12	10 10 10 10 50		
	8	Navidi & Monk: sections 4.1, 4.2 Module 8 Overview Video 4.1 Excel Tips Video 4.2 Excel Tips Video Quiz: More Hypothesis Tests Exam Topic List	HW: 4.1 Correlation Assignment HW: 4.2 The Least-Squares Regression Line Assignment Review: More Hypothesis Tests Assignment Quiz: More Hypothesis Tests Written Work: More Hypothesis Tests Submission Assignment	Fri 10/16 Fri 10/16 Fri 10/16 Fri 10/16 Fri 10/16	10 10 5 118 7	
		TOTAL				1010

DB = Discussion Board

NOTE: Each course module/week (except Module/Week 1) begins on Tuesday morning at 12:00 a.m. (ET) and ends on Monday night at 11:59 p.m. (ET). The final module/week ends at 11:59 p.m. (ET) on **Friday**.