

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 Class Introductions HW: 1.1 Sampling Assignment HW: 1.2 Types of Data Assignment HW: 2.1 Graphical Summaries for Qualitative Data Assignment HW: 2.2 Frequency Distributions and Their Graphs Assignment HW: 2.3 More Graphs for Quantitative Data Assignment Project: Data Collection Assignment	 Wed 01/17 Mon 01/22 Sat 01/20 Sat 01/20 Sat 01/20 Mon 01/22 Mon 01/22 Mon 01/22	 10 0 10 10 10 10 10 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 HW: 3.2 Measures of Spread Assignment HW: 3.3 Measures of Position Assignment Review: Introduction and Descriptive Statistics Assignment Quiz: Introduction and Descriptive Statistics Written Work: Introduction and Descriptive Statistics Assignment	 Sat 01/27 Sat 01/27 Sat 01/27 Mon 01/29 Mon 01/29 Mon 01/29	10 10 10 5 118 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 HW: 5.2 The Addition Rule and the Rule of Complements Assignment HW: 5.3 Conditional Probability and the Multiplication Rule Assignment HW: 5.4 Counting Assignment Project: Descriptive Statistics Assignment	 Sat 02/03 Sat 02/03 Sat 02/03 Mon 02/05 Mon 02/05	10 10 10 10 35

4	<p>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</p>	<p>HW: 6.1 Random Variables Assignment HW: 6.2 The Binomial Distribution Assignment HW: 7.1 The Standard Normal Curve Assignment HW: 7.2 Applications of the Normal Distribution Assignment Review: Probability Quiz: Probability</p>	<p>Sat 02/10 Sat 02/10 Sat 02/10 Sat 02/10 Mon 02/12 Mon 02/12 Mon 02/12</p>	<p>10 10 10 10 5 118 7</p>
5	<p>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</p>	<p>HW: 7.3 Sampling Distributions and Central Limit Theorem Assignment HW: 7.4 The Central Limit Theorem for Proportions Assignment HW: 8.1 Confidence Intervals for a Population Mean, Standard Deviation Known Assignment HW: 8.2 Confidence Intervals for a Population Mean, Standard Deviation Unknown Assignment HW: 8.3 Confidence Intervals for a Population Proportion Assignment Project: Confidence Intervals</p>	<p>Sat 02/17 Sat 02/17 Sat 02/17 Mon 02/19 Mon 02/19 Mon 02/19</p>	<p>10 10 10 10 10 35</p>
6	<p>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</p>	<p>HW: 9.1 Basic Principles of Hypothesis Testing Assignment HW: 9.2 Hypothesis Tests for a Population Mean, Standard Deviation Known Assignment HW: 9.3 Hypothesis Tests for a Population Mean, Standard Deviation Unknown Assignment HW: 9.4 Hypothesis Tests for Proportions Assignment Review: Inferential Statistics Assignment Quiz: Inferential Statistics Written Work: Inferential Statistics Submission Assignment</p>	<p>Sat 02/24 Sat 02/24 Sat 02/24 Sat 02/24 Mon 02/26 Mon 02/26 Mon 02/26</p>	<p>10 10 10 10 5 118 7 35</p>

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	Sat 03/02	10
		HW: 11.4 Hypothesis Tests for Two Population Standard Deviations Assignment	Sat 03/02	10
		HW: 12.1 Testing Goodness of Fit Assignment	Mon 03/04	10
		HW: 12.2 Tests for Independence Assignment	Mon 03/04	10
			Mon 03/04	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	Fri 03/08	10
		HW: 4.2 The Least-Squares Regression Line Assignment	Fri 03/08	10
		Review: More Hypothesis Tests Assignment	Fri 03/08	5
		Quiz: More Hypothesis Tests	Fri 03/08	118
		Written Work: More Hypothesis Tests Submission Assignment	Fri 03/08	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**.