

## ***COURSE SCHEDULE***

### **MATH 201**

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

<b>MODULE/ WEEK</b>	<b>READING &amp; STUDY</b>	<b>ASSIGNMENTS</b>	<b>DUE DATE</b>	<b>POINTS</b>
<b>1</b>	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	<b>Wed 01/15</b> <b>Mon 01/20</b> <b>Sat 01/18</b> <b>Sat 01/18</b> <b>Sat 01/18</b>  <b>Mon 01/20</b>  <b>Mon 01/20</b>  <b>Mon 01/20</b>	10 0 10 10 10  10  10  15
<b>2</b>	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	<b>Sat 01/25</b>  <b>Sat 01/25</b>  <b>Sat 01/25</b>  <b>Mon 01/27</b>  <b>Mon 01/27</b>  <b>Mon 01/27</b>	10  10  10  5  118  7
<b>3</b>	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	<b>Sat 02/01</b>  <b>Sat 02/01</b>  <b>Sat 02/01</b>  <b>Mon 02/03</b> <b>Mon 02/03</b>	10  10  10  10  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 02/08	10
		HW: 6.2 The Binomial Distribution Assignment	Sat 02/08	10
		HW: 7.1 The Standard Normal Curve Assignment	Sat 02/08	10
		HW: 7.2 Applications of the Normal Distribution Assignment	Sat 02/08	10
		Review: Probability	Mon 02/10	5
		Quiz: Probability	Mon 02/10	118
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	Written Work: Probability Submission Assignment	Mon 02/10	7
		HW: 7.3 Sampling Distributions and the Central Limit Theorem Assignment	Sat 02/15	10
		HW: 7.4 The Central Limit Theorem for Proportions Assignment	Sat 02/15	10
		HW: 8.1 Confidence Intervals for a Population Mean, Standard Deviation Known Assignment	Sat 02/15	10
		HW: 8.2 Confidence Intervals for a Population Mean, Standard Deviation Unknown Assignment	Mon 02/17	10
		HW: 8.3 Confidence Intervals for a Population Proportion Assignment	Mon 02/17	10
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	Project: Confidence Intervals Assignment	Mon 02/17	35
		HW: 9.1 Basic Principles of Hypothesis Testing Assignment	Sat 02/22	10
		HW: 9.2 Hypothesis Tests for a Population Mean, Standard Deviation Known Assignment	Sat 02/22	10
		HW: 9.3 Hypothesis Tests for a Population Mean, Standard Deviation Unknown Assignment	Sat 02/22	10
		HW: 9.4 Hypothesis Tests for Proportions Assignment	Sat 02/22	10
		Review: Inferential Statistics Assignment	Mon 02/24	5
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	Quiz: Inferential Statistics	Mon 02/24	118
		Written Work: Inferential Statistics Submission Assignment	Mon 02/24	7
		Project: Hypothesis Testing	Mon 02/24	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	Sat 03/01	10
		HW: 11.4 Hypothesis Tests for Two Population Standard Deviations Assignment	Sat 03/01	10
		HW: 12.1 Testing Goodness of Fit Assignment	Mon 03/03	10
		HW: 12.2 Tests for Independence Assignment	Mon 03/03	10
		Project: Final Submission Assignment	Mon 03/03	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 03/07	10
		HW: 4.2 The Least-Squares Regression Line Assignment	Fri 03/07	10
		Review: More Hypothesis Tests Assignment	Fri 03/07	5
		Quiz: More Hypothesis Tests	Fri 03/07	118
		Written Work: More Hypothesis Tests Submission Assignment	Fri 03/07	7
<b>TOTAL</b>				<b>1010</b>

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**.