



Course Schedule

- **Orientation Homework Assignment in MLP:** Complete prior to working additional assignments.
- **Homework Assignments** are associated with every section and are optional.
- **Quiz Assignments** are due at 11:59 PM Central Time. See MLP Calendar for specific due dates.
- **All Tests** are taken in the Computer Lab (PKH 313) during your regularly scheduled lab time.

Test 1 Material – Preparation for Quiz 1

Day of the Week	Lecture Date	Activity/Section Covered
Monday	May 15	1.1 Introduction to the Practice of Statistics
		1.2 Observational Studies versus Designed Experiments
		1.3 Simple Random Sampling
		1.4 Other Effective Sampling Methods
		1.5 Bias in Sampling
		1.6 The Design of Experiments

Associated Assignment

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #1: Topics from Sections 1.1-1.6

Test 1 Material – Preparation for Quiz 2

Day of the Week	Lecture Date	Activity/Section Covered
Tuesday	May 16	2.1 Organizing Qualitative Data
		2.2 Organizing Quantitative Data: The Popular Displays
		2.3 Graphical Misrepresentations

Associated Assignment

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #2: Topics from Sections 2.1-2.3
Wednesday	May 17	Test #1: Topics from Chapters 1 and 2

Test 2 Material – Preparation for Quiz 3

Day of the Week	Lecture Date	Activity/Section Covered
Wednesday	May 17	3.1 Measures of Central Tendency
		3.2 Measures of Dispersion
		3.3 Measures of Central Tendency and Dispersion of Grouped Data

Associated Assignments

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #3: Topics from Sections 3.1-3.3

Test 2 Material – Preparation for Quiz 4

Day of the Week	Lecture Date	Activity/Section Covered
Thursday	May 18	3.4 Measures of Position and Outliers
		3.5 The Five-Number Summary and Boxplots

Associated Assignments

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #4: Topics from Sections 3.4 and 3.5
Friday	May 19	Test #2: Topics from Chapter 3

Test 3 Material – Preparation for Quiz 5

Day of the Week	Lecture Date	Activity/Section Covered
Friday	May 19	5.1 Probability Rules
		5.2 The Addition Rule and Complements
		5.3 Independence and the Multiplication Rule
		5.4 Conditional Probability and the General Multiplication Rule
		5.5 Counting Techniques

*Note - 5.6 is a review section for all of chapter 5. Questions from this section may be included on assessments.

Associated Assignment

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #5: Topics from Sections 5.1-5.6
Monday	May 22	Test #3: Topics from Chapter 5

Test 4 Material – Preparation for Quiz 6

Day of the Week	Lecture Date	Activity/Section Covered
Monday	May 22	6.1 Discrete Random Variables
		6.2 The Binomial Probability Distribution

Associated Assignment

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #6: Topics from Sections 6.1 and 6.2

Test 4 Material – Preparation for Quiz 7

Day of the Week	Lecture Date	Activity/Section Covered
Tuesday	May 23	7.1 Properties of the Normal Distribution
		7.2 Applications of the Normal Distribution

Associated Assignments

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #7: Topics from Sections 7.1 and 7.2

Test 4 Material – Preparation for Quiz 8

Day of the Week	Lecture Date	Activity/Section Covered
Tuesday	May 23	7.3 Assessing Normality
		7.4 The Normal Approximation to the Binomial Probability Distribution

Associated Assignments

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #8: Topics from Sections 7.2 and 7.4
Wednesday	May 24	Test #4: Topics from Chapters 6 and 7

Test 5 Material – Preparation for Quiz 9

Day of the Week	Lecture Date	Assignments, Quizzes, Test
Wednesday	May 24	8.1 Distribution of the Sample Mean
		8.2 Distribution of the Sample Proportion

Associated Assignment

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #9: Topics from Sections 8.1 and 8.2

Test 5 Material – Preparation for Quiz 10

Day of the Week	Lecture Date	Assignments, Quizzes, Test
Thursday	May 25	9.1 Estimating a Population Proportion
		9.2 Estimating a Population Mean

*Note – 9.3 is a review section for all of chapter 9. Questions from this section may be included on assessments.

Associated Assignment

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #10: Topics from Sections 9.1-9.3
Friday	May 26	Test #5: Topics from Chapters 8 and 9

Test 6 Material – Preparation for Quiz 11

Day of the Week	Lecture Date	Activity/Section Covered
Friday	May 26	10.1 The Language of Hypothesis Testing
		10.2 Hypothesis Tests for a Population Proportion

Associated Assignments

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #11: Topics from Sections 10.1-10.2

Test 6 Material – Preparation for Quiz 12

Day of the Week	Lecture Date	Activity/Section Covered
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Friday	May 26	10.3 Hypothesis Tests for a Population Mean
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*Note – 10.4 is a review section for all of chapter 10. Questions from this section may be included on assessments.

Associated Assignments

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #12: Topics from Sections 10.3-10.4
Tuesday	May 30	Test #6: Topics from Chapters 10

Final Exam and Additional Assignments

Day of the Week	Lecture Date	Activity/Section Covered
Tuesday	May 30	4.1 Scatter Diagrams and Correlation
		4.2 Least-Squares Regression
Wednesday	May 31	Comprehensive Final Exam (All sections)

Extra Credit Assignments throughout the Course

Day of the Week	Date	Assignment
See MLP Calendar for Due Dates		Technology Assignment #1: Topics from Chapters 2 and 3
See MLP Calendar for Due Dates		Technology Assignment #2: Topics from Chapters 6 and 7
See MLP Calendar for Due Dates		Technology Assignment #3: Topics from Chapters 9, 10, and 4