Course Schedule

- **Orientation Homework Assignment in MLP**: Earn 90% or higher to gain access to the Syllabus Quiz.
- **Syllabus Quiz in MLP**: Complete prior to working additional assignments.
- **Homework Assignments** are associated with each section of material.
- **Quiz Assignments** are due at 11:59 PM Central Time. See MLP Calendar for specific due dates.
- **All Tests are taken in the Emporium Lab (PKH 308)** during your regularly scheduled lab time. It is advised to arrive at least 15 minutes prior to the testing time. **Doors of the Emporium will be locked 15 minutes after the start of the exam and late testing will not be allowed.**

Test 1 Material – Preparation for Quiz 1

Day of the Week	Lecture Date	Activity/Section Covered
Wednesday, January 18		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
Wednesday, January 25		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 Due Dates		Quiz #1: Topics from Sections 1.1-1.6, 2.1-2.3

Test 1 Material – Preparation for Quiz 2

Day of the Week	Lecture Date	Activity/Section Covered
Wednesday, February 1		3.1 Measures of Central Tendency
		3.2 Measures of Dispersion
Wednesday, February 8		3.3 Measures of Central Tendency and Dispersion of Grouped Data
		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 Due Dates		Quiz #2: Topics from Sections 3.1-3.5
Thursday	**February 16**	**Test #1: Topics from Sections 1.1-1.6, 2.1-2.3, 3.1-3.5**

First Lab Attendance Benchmark Date

Attendance Requirement	Due Date (CST)
12 Hours Complete within Emporium Lab Corresponding to Test 1	**Monday, February 20, 9:00pm**

Test 2 Material – Preparation for Quiz 3

Day of the Week	Lecture Date	Activity/Section Covered
Wednesday, February 15		5.1 Probability Rules
		5.2 The Addition Rule and Complements
Wednesday, February 22		5.3 Independence and the Multiplication Rule
		5.4 Conditional Probability and the General Multiplication Rule
		5.5 Counting Techniques
Wednesday, March 1		6.1 Discrete Random Variables
		6.2 The Binomial Probability Distribution

*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 Due Dates		Quiz #3: Topics from Sections 5.1-5.6, 6.1-6.2

Test 2 Material – Preparation for Quiz 4

Day of the Week	Lecture Date	Activity/Section Covered
Wednesday, March 8		7.1 Properties of the Normal Distribution
		7.2 Applications of the Normal Distribution
Wednesday, March 22		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 Due Dates		Quiz #4: Topics from Sections 7.1-7.4
Thursday	**March 30**	**Test #2: Topics from Sections 5.1-5.6, 6.1-6.2, 7.1-7.4**

Second Lab Attendance Benchmark Date

Attendance Requirement	Due Date (CST)
12 Hours Complete within Emporium Lab Corresponding to Test 2	**Monday, April 3, 9:00pm**

Test 3 Material – Preparation for Quiz 5

Day of the Week	Lecture Date	Assignments, Quizzes, Test
Wednesday, March 29		8.1 Distribution of the Sample Mean
		8.2 Distribution of the Sample Proportion
Wednesday, April 5		9.1 Estimating a Population Proportion
		9.2 Estimating a Population Mean
		9.3 Confidence Interval – Which Procedure?

Associated Assignment

Day of the Week	Date	Assignment
See MLP Calendar for Due Dates		Quiz #5: Topics from Sections 8.1-8.2, 9.1-9.3

Test 3 Material – Preparation for Quiz 6

Day of the Week	Lecture Date	Activity/Section Covered
Wednesday, April 12		10.1 The Language of Hypothesis Testing
		10.2 Hypothesis Tests for a Population Proportion
Wednesday, April 19		10.3 Hypothesis Tests for a Population Mean
		10.4 Hypothesis Tests – Which Procedure?

Associated Assignments

Day of the Week	Date	Assignment
See MLP Calendar for Due Dates		Quiz #6: Topics from Sections 10.1-10.4
Thursday	**April 27**	**Test #3: Topics from Sections 8.1-8.2, 9.1-9.3, 10.1-10.4**

Test Retakes

Assignments, Quizzes, Test	Request Deadlines	Due Date (CST)
Opportunity to choose the first exam as your ONE retake. This retake prior to drop day is optional.	TBA	TBA
Window of opportunity to choose ONE exam to retake. Retakes are optional and MUST be complete prior to the final exam.	TBA	**Saturday, 4/29, through Wednesday, 5/3**

Final Exam and Additional Assignments

Day of the Week	Lecture Date	Activity/Section Covered
Wednesday, May 3		4.1 Scatter Diagrams and Correlation
		4.2 Least-Squares Regression
Final Exam Lab Schedule TBA		**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

Last Lab Attendance Benchmark Date

Attendance Requirement	Due Date (CST)
12 Hours Complete within Emporium Lab Corresponding to Test 3	**Friday, May 5, 5:00pm**

As the instructor for this course, I reserve the right to adjust this schedule in any way that serves the educational needs of the students enrolled in this course. Therefore all dates and assignments are subject to change. Students will be notified in advance of any changes or adjustments. – Sarah Hawkins