Course Schedule

- **Orientation HW, Syllabus Quiz, and Readiness Pre-Test in MLP**: All due within first week of classes; see MLP for specific due dates.
- **Homework Assignments** are associated with each section of material. See MLP for specific due dates.
- **Quiz Assignments** are due at 11:59 PM Central Time. See MLP for specific due dates.
- **All Chapter Exams are taken in the Math Computer 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 Lab will be locked 15 minutes after the start of the exam and late testing will not be allowed.**

Exam #1 Material – Preparation for Readiness Test

Bb Resource	MLP	Activity/Section
Unit 1 videos	*READINESS 1.1/1.2	1.1 Introduction to the Practice of Statistics
Unit 1 videos	*READINESS 1.1/1.2	1.2 Observational Studies versus Designed Experiments
Unit 1 videos	*READINESS 1.3/1.4	1.3 Simple Random Sampling
Unit 1 videos	*READINESS 1.3/1.4	1.4 Other Effective Sampling Methods
Unit 1 videos	*READINESS 1.5/1.6	1.5 Bias in Sampling
Unit 1 videos	*READINESS 1.5/1.6	1.6 The Design of Experiments
Unit 1 videos	*READINESS 2.1	2.1 Organizing Qualitative Data

*See MLP for due dates

Associated Assignments

Day of the Week	Date	Assignment
Any Day	**By Aug 31st**	**Readiness Pre-Test: Topics from Sections 1.1-1.6, 2.1**
*Sept 5 – Oct 12	By Oct 12th	Exam #1 – Readiness Test: Topics from Sections 1.1-1.6, 2.1

*Exact day/time testing windows TBA

Exam #2 Material – Preparation for Quiz 1

Day of the Week	Lecture Date	Activity/Section Covered
Monday	Aug 28th	2.2 Organizing Quantitative Data: The Popular Displays
Monday	Aug 28th	2.3 Graphical Misrepresentations
Monday	Aug 28th	3.1 Measures of Central Tendency
Mon/Wed	Aug 28th/30th	3.2 Measures of Dispersion
Monday	Sept 11th	3.3 Measures of Central Tendency and Dispersion of Grouped Data

Associated Assignment

Day of the Week	Date	Assignment
See MLP Calendar for Due Date		Quiz #1: Topics from Sections 2.2-2.3, 3.1-3.3

Exam #2 Material – Preparation for Quiz 2

Day of the Week	Lecture Date	Activity/Section Covered
Monday	Sept 11th	3.4 Measures of Position and Outliers
Monday	Sept 11th	3.5 The Five-Number Summary and Boxplots
Monday	Sept 18th	4.1 Scatter Diagrams and Correlation
Monday	Sept 18th	4.2 Least-Squares Regression

Associated Assignments

Day of the Week	Date	Assignment
See MLP Calendar for Due Date		Quiz #2: Topics from Sections 3.4-3.5, 4.1-4.2
Wednesday	**Sept 27th**	**Exam #2: Topics from Sections 2.2-2.3, 3.1-3.5, 4.1-4.2**

First Lab Attendance Benchmark Date

Attendance Requirement	Due Date (CDT)
12 Hours Complete within Computer Lab Corresponding to Exam #2	Friday Sept 29th by 5:00 pm

Exam #3 Material – Preparation for Quiz 3

Day of the Week	Lecture Date	Activity/Section Covered
Monday	Sept 25th	5.1 Probability Rules
Monday	Sept 25th	5.2 The Addition Rule and Complements
Monday	Oct 2nd	5.3 Independence and the Multiplication Rule
Monday	Oct 2nd	5.4 Conditional Probability and the General Multiplication Rule
Mon/Wed	Oct 2nd/4th	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 Due Date		Quiz #3: Topics from Sections 5.1-5.6

Exam #3 Material – Preparation for Quiz 4

Day of the Week	Lecture Date	Activity/Section Covered
Monday	Oct 9th	6.1 Discrete Random Variables
Monday	Oct 9th	6.2 The Binomial Probability Distribution
Monday	Oct 16th	7.1 Properties of the Normal Distribution
Monday	Oct 16th	7.2 Applications of the Normal Distribution
Mon/Wed	Oct 16th/18th	7.3 Assessing Normality
Monday	Oct 23rd	Review / Signature Statistics Inquiries

Associated Assignments

Day of the Week	Date	Assignment
See MLP Calendar for Due Date		Quiz #4: Topics from Sections 6.1-6.2, 7.1-7.3
Wednesday	**Oct 25th**	**Exam #3: Topics from Sections 5.1-5.6, 6.1-6.2, 7.1-7.3**

Second Lab Attendance Benchmark Date

Attendance Requirement	Due Date (CDT)
10 Hours Complete within Computer Lab Corresponding to Exam #3	Friday Oct 27th by 5:00 pm

Exam #4 Material – Preparation for Quiz 5

Day of the Week	Lecture Date	Assignments, Quizzes, Test
Monday	Oct 30th	8.1 Distribution of the Sample Mean
Monday	Oct 30th	8.2 Distribution of the Sample Proportion
Monday	Nov 6th	9.1 Estimating a Population Proportion
Monday	Nov 6th	9.2 Estimating a Population Mean
Mon/Wed	Nov 6th/8th	9.3 Confidence Interval – Which Procedure?

Associated Assignment

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

Exam #4 Material – Preparation for Quiz 6

Day of the Week	Lecture Date	Activity/Section Covered
Monday	Nov 13th	10.1 The Language of Hypothesis Testing
Mon/Wed	Nov 13th/15th	10.2 Hypothesis Tests for a Population Proportion
Monday	Nov 20th	10.3 Hypothesis Tests for a Population Mean
Monday	Nov 20th	10.4 Hypothesis Tests – Which Procedure?
Monday	Nov 27th	Review / Signature Statistics Inquiries

Associated Assignments / Final Prep

Day of the Week	Date	Assignment
See MLP Calendar for Due Date		Quiz #6: Topics from Sections 10.1-10.4
Wednesday	**Nov 29th**	**Exam #4: Topics from Sections 8.1-8.2, 9.1-9.3, 10.1-10.4**
Monday	Dec 4th	Review

Last Lab Attendance Benchmark Date

Attendance Requirement	Due Date (CST)
14 Hours Complete within Computer Lab Corresponding to Exam #4	Wednesday Dec 6th by 9:00 pm

Test Retakes

Assignments, Quizzes, Test	Request Deadline	Dates (CST)
Window of opportunity to choose ONE of Exam 2, 3, or 4 to retake. A retake can only be redeemed with earned Stats Coins (see Syllabus) and MUST be complete prior to the final exam.	SATURDAY, DECEMBER 2nd by 10:00 pm	SUNDAY Dec 3rd – WEDNESDAY Dec 6th (Exact times of testing windows TBA)

Final Exam and Additional Assignments

Date	Assignment
Monday Nov 13th	Signature Statistics Inquiry, Part I, on Blackboard
Monday Dec 4th	Signature Statistics Inquiry, Part II, on Blackboard
Monday Dec 11th, 8:00am-10:30am	**Comprehensive Final Exam (All sections)**

Extra Credit Assignments throughout the Course

Date	Assignment
See MLP Calendar for Due Date	Technology Assignment #1: Topics from Chapters 2-4
See MLP Calendar for Due Date	Technology Assignment #2: Topics from Chapters 5-7
See MLP Calendar for Due Date	Technology Assignment #3: Topics from Chapters 9-10

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. – Alice Lubbe