



## 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
Thursday	Aug 24th	2.2 Organizing Quantitative Data: The Popular Displays
Thursday	Aug 24th	2.3 Graphical Misrepresentations
Thursday	Aug 31st	3.1 Measures of Central Tendency
Thursday	Aug 31st	3.2 Measures of Dispersion
Thursday	Sept 7th	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
Thursday	Sept 7th	3.4 Measures of Position and Outliers
Thurs/Mon	Sept 7 <sup>th</sup> /11 <sup>th</sup>	3.5 The Five-Number Summary and Boxplots
Thursday	Sept 14th	4.1 Scatter Diagrams and Correlation
Thurs/Mon	Sept 14 <sup>th</sup> /18 <sup>th</sup>	4.2 Least-Squares Regression
Thursday	Sept 21st	Review / Signature Statistics Inquiries

**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 29 <sup>th</sup> by 5:00 pm

**Exam #3 Material – Preparation for Quiz 3**

Day of the Week	Lecture Date	Activity/Section Covered
Thursday	Sept 28th	5.1 Probability Rules
Thursday	Sept 28th	5.2 The Addition Rule and Complements
Thurs/Mon	Sept 28 <sup>th</sup> /Oct 2 <sup>nd</sup>	5.3 Independence and the Multiplication Rule
Thursday	Oct 5th	5.4 Conditional Probability and the General Multiplication Rule
Thursday	Oct 5th	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
Thursday	Oct 12th	6.1 Discrete Random Variables
Thursday	Oct 12th	6.2 The Binomial Probability Distribution
Thursday	Oct 19th	7.1 Properties of the Normal Distribution
Thursday	Oct 19th	7.2 Applications of the Normal Distribution
Thurs/Mon	Oct 19 <sup>th</sup> /23 <sup>rd</sup>	7.3 Assessing Normality

**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 27 <sup>th</sup> by 5:00 pm

**Exam #4 Material – Preparation for Quiz 5**

Day of the Week	Lecture Date	Assignments, Quizzes, Test
Thursday	Oct 26th	8.1 Distribution of the Sample Mean
Thursday	Oct 26th	8.2 Distribution of the Sample Proportion
Thursday	Nov 2nd	9.1 Estimating a Population Proportion
Thursday	Nov 2nd	9.2 Estimating a Population Mean
Thurs/Mon	Nov 2 <sup>nd</sup> /6 <sup>th</sup>	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
Thursday	Nov 9th	10.1 The Language of Hypothesis Testing
Thurs/Mon	Nov 9 <sup>th</sup> /13 <sup>th</sup>	10.2 Hypothesis Tests for a Population Proportion
Thursday	Nov 16th	10.3 Hypothesis Tests for a Population Mean
Thurs/Mon	Nov 16 <sup>th</sup> /20 <sup>th</sup>	10.4 Hypothesis Tests – Which Procedure?

**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
<b>Wednesday</b>	<b>Nov 29th</b>	<b>Exam #4: Topics from Sections 8.1-8.2, 9.1-9.3, 10.1-10.4</b>
Thursday	Nov 30th	Review / Signature Statistics Inquiries

**Last Lab Attendance Benchmark Date**

Attendance Requirement	Due Date (CST)
14 Hours Complete within Computer Lab Corresponding to Exam #4	Wednesday Dec 6 <sup>th</sup> 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 2 <sup>nd</sup> by 10:00 pm	SUNDAY Dec 3 <sup>rd</sup> – WEDNESDAY Dec 6 <sup>th</sup> (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 11 <sup>th</sup> , 2:00pm-4:30pm	<b>Comprehensive Final Exam (All sections)</b>

**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