Lecture Schedule

- **Lectures:** Wednesdays 12:30pm-1:50pm in FA 148
- **Labs:** Tu/Th 12:30pm-1:50pm in PKH 308
- **Homework and Quiz Assignments** are associated with each section of material. See MLP for specific due dates.
- **All 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.**

Unit R – Preparation for Readiness Exam

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

Assessment

Lab Dates	Assessment
Saturday, January 27 – Thursday, March 8	**Readiness Exam (Sec 1.1-1.6, 2.1)**

Unit 1 – Preparation for Exam #1

Day of the Week	Lecture Date	Activity/Section Covered
WEDNESDAY	Jan 17	2.2 Organizing Quantitative Data: The Popular Displays
WEDNESDAY	Jan 17	2.3 Graphical Misrepresentations
WED/THURS	Jan 17,18	3.1 Measures of Central Tendency
WEDNESDAY	Jan 24	3.2 Measures of Dispersion
WEDNESDAY	Jan 24	3.3 Measures of Central Tendency and Dispersion of Grouped Data
WEDNESDAY	Jan 31	3.4 Measures of Position and Outliers
WEDNESDAY	Jan 31	3.5 The Five-Number Summary and Boxplots
WEDNESDAY	Feb 7	4.1 Scatter Diagrams and Correlation
WED/THURS	Feb 7, 8	4.2 Least-Squares Regression / REVIEW
WEDNESDAY	Feb 14	REVIEW

Assessment

Lab Date	Assessment
THURSDAY February 15 at 12:30pm	**Exam #1 (Ch 2-4)**

Unit 2 – Preparation for Exam #2

Day of the Week	Lecture Date	Activity/Section Covered
TUES/WED	Feb 20, 21	5.1 Probability Rules
WEDNESDAY	Feb 21	5.2 The Addition Rule and Complements
WEDNESDAY	Feb 21	5.3 Independence and the Multiplication Rule
WEDNESDAY	Feb 28	5.4 Conditional Probability and the General Multiplication Rule
WEDNESDAY	Feb 28	5.5 Counting Techniques
WED/THURS	Feb 28, Mar 1	6.1 Discrete Random Variables
WEDNESDAY	Mar 7	6.2 The Binomial Probability Distribution
THURSDAY	Mar 8	7.1 Properties of the Normal Distribution
WEDNESDAY	Mar 21	7.2 Applications of the Normal Distribution
WED/THURS	Mar 21, 22	7.3 Assessing Normality
WEDNESDAY	Mar 28	REVIEW

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

Assessment

Lab Date	Assessment
THURSDAY March 29 at 12:30pm	**Exam #2 (Ch 5-7)**

Unit 3 – Preparation for Exam #3

Day of the Week	Lecture Date	Assignments, Quizzes, Test
TUES/WED	Apr 3, 4	8.1 Distribution of the Sample Mean
WEDNESDAY	Apr 4	8.2 Distribution of the Sample Proportion
WEDNESDAY	Apr 11	9.1 Estimating a Population Proportion
WEDNESDAY	Apr 11	9.2 Estimating a Population Mean
WED/THURS	Apr 11, 12	9.3 Confidence Interval – Which Procedure?
WEDNESDAY	Apr 18	10.1 The Language of Hypothesis Testing
WEDNESDAY	Apr 18	10.2 Hypothesis Tests for a Population Proportion
WED/THURS	Apr 18, 19	10.3 Hypothesis Tests for a Population Mean
WEDNESDAY	Apr 25	10.4 Hypothesis Tests – Which Procedure? / REVIEW
WEDNESDAY	May 2	REVIEW

Assessment

Lab Date	Assessment
THURSDAY April 26 at 12:30pm	**Exam #3 (Ch 8-10)**
THURSDAY, May 10, 11:00am-1:30pm	**Final Exam (Ch 1-10)**

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