



Lecture Schedule

- **Lectures:** Mondays 9:30am-10:50am in CH 101
- **Labs:** Wed/Fri 9:30am-10:50am 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
FRI/MON	Jan 19, 22	2.2 Organizing Quantitative Data: The Popular Displays
MONDAY	Jan 22	2.3 Graphical Misrepresentations
MON/WED	Jan 22, 24	3.1 Measures of Central Tendency
MONDAY	Jan 29	3.2 Measures of Dispersion
MONDAY	Jan 29	3.3 Measures of Central Tendency and Dispersion of Grouped Data
MONDAY	Feb 5	3.4 Measures of Position and Outliers
MONDAY	Feb 5	3.5 The Five-Number Summary and Boxplots
MON/WED	Feb 5, 7	4.1 Scatter Diagrams and Correlation
FRI/MON	Feb 9, 12	4.2 Least-Squares Regression / REVIEW

Assessment

Lab Date	Assessment
WEDNESDAY Feb 14 at 9:30am	Exam #1 (Ch 2-4)

Unit 2 – Preparation for Exam #2

Day of the Week	Lecture Date	Activity/Section Covered
MONDAY	Feb 19	5.1 Probability Rules
MONDAY	Feb 19	5.2 The Addition Rule and Complements
MON/WED	Feb 19, 21	5.3 Independence and the Multiplication Rule
MONDAY	Feb 26	5.4 Conditional Probability and the General Multiplication Rule
MONDAY	Feb 26	5.5 Counting Techniques
MONDAY	Mar 5	6.1 Discrete Random Variables
MON/WED	Mar 5, 7	6.2 The Binomial Probability Distribution
MONDAY	Mar 19	7.1 Properties of the Normal Distribution
MONDAY	Mar 19	7.2 Applications of the Normal Distribution
WED/FRI	Mar 21, 23	7.3 Assessing Normality
MONDAY	Mar 26	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
WEDNESDAY Mar 28 at 9:30am	Exam #2 (Ch 5-7)

Unit 3 – Preparation for Exam #3

Day of the Week	Lecture Date	Assignments, Quizzes, Test
MONDAY	Apr 2	8.1 Distribution of the Sample Mean
MON/WED	Apr 2, 4	8.2 Distribution of the Sample Proportion
MONDAY	Apr 9	9.1 Estimating a Population Proportion
MONDAY	Apr 9	9.2 Estimating a Population Mean
WED	Apr 11	9.3 Confidence Interval – Which Procedure?
FRI/MON	Apr 13, 16	10.1 The Language of Hypothesis Testing
MONDAY	Apr 16	10.2 Hypothesis Tests for a Population Proportion
MON/WED	Apr 16, 18	10.3 Hypothesis Tests for a Population Mean
MONDAY	Apr 23	10.4 Hypothesis Tests – Which Procedure? / REVIEW
MONDAY	Apr 30	REVIEW

Assessment

Lab Date	Assessment
WEDNESDAY Apr 25 at 9:30am	Exam #3 (Ch 8-10)
MONDAY, May 7, 8:00am-10:30am	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