



Lecture Schedule

- **Lectures:** Mondays 12:30pm-1:50pm in CH 101
- **Labs:** Tu/Th 2:00pm-3:20pm 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 |
|-----------------|--------------|---|
| THURS/MON | Jan 18, 22 | 2.2 Organizing Quantitative Data: The Popular Displays |
| MONDAY | Jan 22 | 2.3 Graphical Misrepresentations |
| MON/TUES | Jan 22, 23 | 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/TUES | Feb 5, 6 | 4.1 Scatter Diagrams and Correlation |
| THURS/MON | Feb 8, 12 | 4.2 Least-Squares Regression / REVIEW |

Assessment

| Lab Date | Assessment |
|--------------------------------|------------------|
| THURSDAY February 15 at 2:00pm | 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/TUES | Feb 19, 20 | 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/TUES | Mar 5, 6 | 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 |
| THURS/MON | Mar 22, 26 | 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 |
|-----------------------------|------------------|
| THURSDAY March 29 at 2:00pm | 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/TUES | Apr 2, 3 | 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 |
| TUES | Apr 10 | 9.3 Confidence Interval – Which Procedure? |
| THURS/MON | Apr 12, 16 | 10.1 The Language of Hypothesis Testing |
| MONDAY | Apr 16 | 10.2 Hypothesis Tests for a Population Proportion |
| MON/TUES | Apr 16, 17 | 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 |
|-------------------------------|----------------------|
| THURSDAY April 26 at 2:00pm | Exam #3 (Ch 8-10) |
| TUESDAY, May 8, 2:00pm-4:30pm | 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