



Lecture Schedule

- Lecture meetings will take place in PKH 109.

Unit R – Preparation for Readiness Exam (This is done outside of class)

Bb 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

Unit 1 – Preparation for Exam #1 and 2

Day of the Week	Lecture Date	Activity/Section Covered
Monday	May 14	2.2 Organizing Quantitative Data: The Popular Displays
		2.3 Graphical Misrepresentations
		3.1 Measures of Central Tendency
Tuesday	May 15	3.2 Measures of Dispersion
		3.3 Measures of Central Tendency and Dispersion of Grouped Data
Wednesday	May 16	3.4 Measures of Position and Outliers
		3.5 The Five-Number Summary and Boxplots
Thursday	May 17	4.1 Scatter Diagrams and Correlation
		4.2 Least-Squares Regression

Unit 2 – Preparation for Exam #3 and 4

Day of the Week	Lecture Date	Activity/Section Covered
Friday	May 18	5.1 Probability Rules
		5.2 The Addition Rule and Complements
		5.3 Independence and the Multiplication Rule
		5.4 Conditional Probability and the General Multiplication Rule
		5.5 Counting Techniques
Monday	May 21	6.1 Discrete Random Variables
		6.2 The Binomial Probability Distribution
Tuesday	May 22	7.1 Properties of the Normal Distribution
		7.2 Applications of the Normal Distribution
		7.3 Assessing Normality

Unit 3 – Preparation for Exam #5 and 6

Day of the Week	Lecture Date	Assignments, Quizzes, Test
Wednesday	May 23	8.1 Distribution of the Sample Mean
		8.2 Distribution of the Sample Proportion
Thursday	May 24	9.1 Estimating a Population Proportion
		9.2 Estimating a Population Mean
		9.3 Confidence Interval – Which Procedure?
Friday	May 25	10.1 The Language of Hypothesis Testing
		10.2 Hypothesis Tests for a Population Proportion
		10.3 Hypothesis Tests for a Population Mean
		10.4 Hypothesis Tests – Which Procedure?

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. – Shanna Banda