

Syllabus

[[COMMUNICATION](#)] [[POLICIES AND GRADING](#)] [[PROPOSED SCHEDULE](#)] [[COURSE OBJECTIVES](#)]

Instructor: Richard Schwinn
Class Times: Saturday 8:00a – 10:40a
Classroom: S-131
Office: Library 407 & El Centro Instructor Office
Office Hours: M 3:50p-5:40p (Library 407)
T&R 5:20p-6:10p (El Centro Instructor Office)
Sa 10:40a-11:00a (Library 407 or Sciences Building 242)
Phone mail: (773) 442-5699
Email: r-schwinn@neiu.edu
Class Webpages: <http://neiu.blackboard.com>
http://www.coursesmart.com/0132252147?_instructoruserid=1611949

POLICIES AND GRADING

Text: Levine, David M. Statistics for Managers Using Excel and Student CD Package, 5/E, ISBN: 0136149901. Prentice Hall 2008.

Attendance: Attendance and participation will be taken into account. You begin with 100 points. If you are not present when I call your name in class, I deduct 20 points from your participation grade. If however you notify me at least one day *in advance*, by email or in person, you will be exempted from penalty. (100)

Groups/Homework: Homework is an important part of this course. I will split the class into 4 groups and each group will be responsible for each assignment. There will be a minimum of 5 assignment (or as many as 8) for a maximum of 400 points.(400)

Exams: There will be 2 exams (one midterm and one final) worth 250 points each. ($2 * 250 = 500$)

Grading: Attendance/Participation is worth 100 points; homework is worth 400; and each exam is worth 250 points. ($100 + 400 + 500 = 1000$)

A 1000-900 B 899-800 C 799-700 D 699-600 F 599-000

Extra Credit: I may announce extra credit problem sets as needed. I will not accept late extra credit.

Academic Integrity: You are expected to adhere to the Student Code of Conduct. Those who do not risk penalty.

Other: Students with special needs are invited to contact me.

PROPOSED SCHEDULE

[\[top\]](#)

Week (of)	Readings + Events	Topics	Changes
One 8-30	<ul style="list-style-type: none"> Review of syllabus 	<ul style="list-style-type: none"> Introduction Data reduction Excel 	
Two 9-6	<ul style="list-style-type: none"> Chapters 1 and 2 	<ul style="list-style-type: none"> More Introduction and Data Collection Presenting Data in Tables and Charts 	
Three 9-13	<ul style="list-style-type: none"> Chapters 3 and 4 	<ul style="list-style-type: none"> Numerical Descriptive Measures Basic Probability 	
Four 9-20	<ul style="list-style-type: none"> Chapter 5 	<ul style="list-style-type: none"> Some Important Discrete Probability Distributions 	
Five 9-27	<ul style="list-style-type: none"> Chapter 6 	<ul style="list-style-type: none"> The Normal Distribution, Other Continuous Distributions, and Sampling Distributions 	
Six 9-29	<ul style="list-style-type: none"> Chapter 7 	<ul style="list-style-type: none"> Sampling and Sampling Distributions 	
Seven 10-4	<ul style="list-style-type: none"> Chapter 8 	<ul style="list-style-type: none"> Confidence Interval Estimation 	
Eight 10-11	<ul style="list-style-type: none"> Chapter 8 	<ul style="list-style-type: none"> Confidence Interval Estimation 	
Nine 10-18	<ul style="list-style-type: none"> Chapter 9 	<ul style="list-style-type: none"> Fundamentals of Hypothesis Testing: One-Sample Tests 	
Ten 10-25	<ul style="list-style-type: none"> Chapter 10 	<ul style="list-style-type: none"> Two-Sample Tests with Numerical Data 	
Eleven 11-1	<ul style="list-style-type: none"> Chapter 13 Exam One 	<ul style="list-style-type: none"> Simple Linear Regression 	
Twelve 11-8	<ul style="list-style-type: none"> Chapter 13 Discussion of chapter 14 & 15 	<ul style="list-style-type: none"> Simple Linear Regression Multiple Regression 	
Thirteen 11-15	<ul style="list-style-type: none"> Discussion of chapter 14 & 15 Chapter 15 	<ul style="list-style-type: none"> Multiple Regression Time-Series Analysis 	
Thirteen 11-22	<ul style="list-style-type: none"> Chapter 16 	<ul style="list-style-type: none"> Time-Series Analysis 	
Fourteen 11-29	<ul style="list-style-type: none"> No Class 	<ul style="list-style-type: none"> No class 	
Final Exam 12-6	<ul style="list-style-type: none"> Final Exam 	<ul style="list-style-type: none"> Good luck! 	

COURSE OBJECTIVES

[\[top\]](#)

This course is designed to maximize breadth, perhaps, at the sacrifice of depth. Although we will only scrape the surface of some chapters, the expectation is that you will be sufficiently equipped to dig deeper into any of the examples and techniques explained in the text without the need for outside help. You will at all times be encouraged to look beyond the statistical analysis of data to the interpretation of your results in a broader context. This course's integrated use of Excel will immediately empower you to begin applying your theoretical skills to the functional areas of business – accounting, economics and finance, management and marketing.