Managerial Statistics

Dr. Logan J. Kelly

Printer Friendly Version

Contact Information	Office Hours
Contact Information	**Office Hours**
Email: logan.kelly@uwrf.edu	By appointment link:
Phone: (715) 425-4993	http://tiny.cc/DrKelly
Mobile: (401) 256-0986	
Office: South Hall 127E	

Course Description

This course is will teach students to solve a variety of business problems using advanced statistical techniques for quantitative analysis. Case studies will be used intensively to model the application of statistics in evidenced based decision making. Upon successful completion of this course, students will be able to apply quantitative techniques in a variety of decision-making contexts.

Prerequisites

Admission to the MBA program.

Technology Requirements

You will need the following to complete this class.

- Computer with internet access. A tablet or Chromebook may not be sufficient to complete all class activities.
- Reliable broadband internet service.
- Microphone and web camera

If you need help getting set up for classes, please let me know.

Course Objectives

At the end of this course, students will be able to:

- collect data from primary and secondary sources.
- organize, summarize and present data and quantitative analysis.
- apply quantitative techniques in a variety of decision-making contexts.

Required Text

Class notes provided via Canvas.

Optional Text

There are two optional text. Both are available free of charge at the following links:

- Introductory Statistics. Openstax. Barbara Illowsky, et. al. https://openstax.org/details/books/introductory-statistics
- Learning Statistics with R - A tutorial for Psychology Students and other Beginners. Danielle Navarro https://stats.libretexts.org/@go/page/3936

Lab Assignments

You will be assigned weekly lab projects that will apply the statistical technique taught that week. You will be expected to use statistical software to perform the analysis assigned and provide a brief analysis of your results.

Group Case Assignments

You will be divided into groups and assigned case projects that will be completed by the next class meeting. Please bring your laptop to class. You will be expected to use statistical software to perform the analysis assigned and provide a detailed analysis of your results. Your group will be expected to prepare presentation style report of your analysis. You will present one of the cases on the last class period. In class, presentations will be recorded. At the end of the semester you will submit a review of each of your group members performance.

Individual Case Assignments

You will be assigned a case projects that will be completed by due date specified in class. You will be expected to use statistical software to perform the analysis assigned and provide a detailed analysis of your results. Your group will prepare a written report of your analysis. You will present the case to the class. In class, presentations will be recorded.

Preparation Expectations

Preparation on your own is extremely important for success in this class. You should expect to spend five to ten hours per week preparing. Regular, short (one hour or less) study sessions will improve your performance dramatically, while waiting to study until the last minute will greatly increase the likelihood of receiving a poor grade.

Online Office Hours and Communication

This course is not meant to be a self-study correspondence course. It is important that you have access to a qualified instructor for the same individualized instruction that you would receive in a tradition course. To facilitate this, I will use Zoom.

While this is a web-based course, I am easily accessible. Please try to use MS Teams to contact me, but if needed, here is my email, and phone:

- Email: logan.kelly@uwrf.edu
- MS Teams: Message Dr. Kelly
- Phone: (715) 425-4993
- Mobile: (401) 256-0986

To schedule, an appointment with me use this link: http://tiny.cc/DrKelly

Synchronous Class Meetings

This class will meet synchronously on Zoom. Synchronous class meetings can be found at https://tiny.cc/ECON730-LEC. The password is 730730.

Grading

Your grade will be determined by calculating the weighted average of your chapter quizzes and your exam scores. The weights are as follows:

Individual Case Studies	30%
Group Case Studies	40%
Ethics Case	20%

Letter Grades will be assigned as follows:

A	93.50% or above	C	72.50% - 77.49%
A-	89.50% - 93.49%	C-	69.50% - 72.49%
B+	87.50% - 89.49%	D+	67.50% - 69.49%
B	82.50% - 87.49%	D	59.50% - 67.49%
B-	79.50% - 82.49%	F	59.49 or bellow
C+	77.50% - 79.49%		

This scale may be adjusted at the end of the semester. If your grade is a borderline case (within 1% of the next highest letter grade), participation will be used to determine whether you will receive the higher grade.

Visitors

Only students registered in the class may be in the classroom. Academic visitors, including peer observers and prospective students visiting campus, may be admitted with advance permission from the instructor.

Note that "Zoom-bombing" kids, pets, etc. are expected and welcome.

Students with disabilities

Any student in this course who has a disability that prevents the fullest expression of abilities should contact me personally as soon as possible so that we can discuss class requirements and accommodations. The University of Wisconsin-River Falls welcomes students with disabilities into its educational programs, activities, residential halls, and everything else it offers. Those who will need academic adjustments or accommodations for a disability should contact the Disability Services Office (105 Davee Library; 715-425-3531). Before final decisions can be made to allow academic adjustments and accommodations students must provide documentation that sufficiently indicates the nature of their situation. Additional information is available at http://www.uwrf.edu/disabilityservices/ADA.html.

Academic Misconduct

The university has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic

endeavors. A more detailed description of Student Academic Disciplinary Procedures may be found in Regents Policy Statements, UWS Chapter 14.