M&IS 64005 Statistics for Management – Section 2
Monday Evenings, 6:35 – 9:20; Room BAB 00115
Graduate School of Business Administration
Kent State University
Fall 2013

Instructor

Dr. Alfred L. Guiffrida
Office: A-411 Business Administration Building
Office Hours: Monday: 5:30 – 6:30; 9:30 – 10:30 pm
Tuesday: 3:00 – 6:00 pm
Additional hours available by advance appointment
Telephone: (716) 954-3504 (do not send texts)
E-mail: aguiffri@kent.edu

Course Objective

The objective of this course is to introduce the student to the basic concepts and techniques of statistics. Upon the completion of the course the student will have learned the basic concepts and techniques of statistical inference and learned how to apply these concepts and techniques to real world situations. These skills will prepare you for more advanced work in your academic major or on the job.

Learning Objectives

After completing this course the student will be:

1. Able to solve probability problems and problems in statistical distributions including sampling distributions
2. Able to solve confidence interval problems
3. Able to solve hypothesis test problems
4. Able to solve regression and analysis of variance problems
5. Able to perform statistical analyses using statistical software

Class Materials

i) Lecture Notes in Statistics by Dr. A. L. Guiffrida (provided by instructor to students free of charge in electronic form via Blackboard)
ii) Microsoft Excel (available free of charge in student computer lab)
iii) Readings on statistical applications (provided by provided by instructor to students free of charge in electronic form via Blackboard)
iv) Sample problems sets by Dr. A. L. Guiffrida (provided by instructor to students free of charge in electronic form via Blackboard)

Course Prerequisites and Enrollment Requirements

Prerequisites:
i) MBA student or graduate school standing in the University
ii) Working knowledge of Excel spreadsheets
(Please contact the instructor if you have any concerns regarding the course prerequisites)

Enrollment: Students have responsibility to ensure they are properly enrolled in classes. You are advised to review your official class schedule (using Student Tools on FlashLine) during the first two weeks of the semester to ensure you are properly enrolled in this class and section. Should you find an error in your class schedule, you have until Sunday, September 8, 2013 to correct the error. If registration errors are not corrected by this date and you continue to attend and participate in classes for which you are not officially enrolled, you are advised now that you **will not** receive a grade at the conclusion of the semester for any class in which you are not properly registered.

Course Withdrawal

For the Fall semester, the course withdrawal deadline is Sunday November 3, 2013.

Grading Policy

Evaluation	Weight	Date
Exam I (take home)	30%	Exam distributed 10/13 Exam due 10/22.
Exam II (take home)	30%	Exam distributed 11/9 Exam due 11/18
Exam III (take home final exam)	40%	Exam distributed 12/2 Exam due per University final exam schedule

Your overall score (OS) for the course is determined by the following equation:
OS = 0.30(Exam I score) + 0.30(Exam II score) + 0.40 (Exam III score)

Your letter grade for the course will be assigned based on the following scale

OS	Letter Grade	OS	Letter Grade
93-100	A	77-79	C+
90-92	A-	72-76	C
87-89	B+	68-71	C-
83-86	B	60-67	D
80-82	B-	0-59	F

Academic Integrity

We will follow the University Policy on Academic Integrity. Academic honesty: Cheating means to misrepresent the source, nature, or other conditions of your academic work (e.g., tests, quizzes, papers, projects, homework assignments) so as to get undeserved credit. The use of intellectual property of others without giving them appropriate credit is a serious academic offence. It is the University's policy that cheating or plagiarism result in receiving a failing grade (0 points) for the work or course. Repeat offences may result in dismissal from the University.

Students with disabilities

University policy 3342-3-18 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through the Student Accessibility Services (contact 330-672-3391 or visit http:www.registars.kent.edu/disability for more information on registration procedures).

Course Topics (subject to revision)

Note: Each lecture will be supported with a set of power point slides and a set of readings. It is imperative that students complete the assigned readings for a given lecture prior attending the lecture since the readings are the foundation upon with the lectures and related classroom discussion are based. All power point lecture materials and readings will be made available to the student in electronic form by the instructor.

1. Data Collection and Presentation.
2. Probability Concepts.
3. Random Variables and Distribution Theory.
4. The Normal Probability Distribution.
5. Sampling Distributions and Estimation.
6. Hypothesis Testing.
7. Correlation and Regression Analysis.
8. Analysis of Variance.