

SEP 1995

Grande Prairie Regional College
Department of Science & Technology

MANAGEMENT SCIENCE 3010
(Probability & Statistics for Business I)

Sep - Dec 1995

Instructor: Dr. S. Koppula
Lecture A2 M W F 13:00-13:50 J 101
Lab L1 M 15:00-15:50 J-226 A B/C
Lab L2 M 16:00-16:50 J-226 A B/C

Office: C 409
Ph: 539 2003

Text: WEBSTER, A.L. (1995)
(required) *Applied Statistics for Business and Economics*, 2nd Edition
Richard D. Irwin, Inc.

(required) BERK, K.N. and CAREY, P. (1995)
Data Analysis with Microsoft Excel 5.0 for Windows
Course Technology, Inc.

Prerequisite: MA 1130 or MA 1140 (Elementary Calculus)

Course Content: The course material will contain the first nine chapters in the text and class notes on Decision-Making Analyses.

Calculators: The use of electronic calculators with *Stat functions* is permitted. The student is responsible for learning to use his/her calculator.

Final Grade: The distribution of marks for final grade is

Quizzes	20%	
Exam I	15%	October 11, 1995
Exam II	15%	November 15, 1995
Final Exam	50%	

Quizzes: There will be five quizzes throughout the semester. Tentative dates are

Quiz 1: Sep 27	Quiz 2: Oct 24	Quiz 3: Nov 3
Quiz 4: Nov 24	Quiz 5: Dec 6	

Practice Problems A list of practice problems from the text will be recommended. The student is strongly urged to solve these problems at home as the corresponding section(s)/chapter(s) is covered in the class. The list of problems is the minimum the student should do in each section.

Labs Labs are in essence problem solving sessions and as such are a very important part of the course. Experience of many years indicates that students who attend labs, take them seriously, and complete the allotted practice problems usually do well in the course.
An attendance record is maintained.

Attendance If students miss a specific class it is their responsibility to keep track of the material covered in that (missed) class and any announcement(s) made in that class. One way to do this would be to get class notes from a fellow (attending) student who takes notes with care.
Attendance record will be maintained.

Lateness In order to avoid disruption, students are requested not to be late for classes.

Food and Drink Large meals are not permitted during the class time.
A sandwich for survival will not be frowned at.

Time Management It is a good idea to apportion time for your courses in the study schedule. Definitely reserve some time for fun and re-creation activities. You need some relaxation for effective studying. After making a good study schedule, one must follow it. If time-management problem develops during the term, re-arrange the available time wisely and then once again follow the revised plan knowing that this is the best one can do to get out of trouble. If one makes a reasonably workable time schedule and follows it, there will be most likely no occasion to re-arrange time in panic. Use of a planning diary for daily activities also helps.

Class Notes Take appropriate notes in the class placing a special mark or a symbol by the side of a concept or a problem that is important or difficult to understand or remember. It helps students immensely to go over the day's notes at home preferably the same day when the matter is fresh in their minds. Going over the notes passively like reading a novel does not do much good for the learning process. Actually work out some or all of the problems solved in the class and then attempt practice problem(s) set.

Preparation for Quizzes Exams Remember that Statistics is a sequential subject. Weakness in earlier chapters definitely hinders comprehension and mastery of later material. One cannot accumulate Statistics work and expect to do well by putting in a lot of concentrated effort just before an examination. Statistics has to be learnt in sequence and master it in sequence while proceeding at a reasonable pace.

Remember "I hear and tend to forget
I see and try to remember
But I do to understand."

Everything is learnt by *doing* and Statistics is no exception to this golden rule. *Just do it* would be a good way to learn Statistics.