

Grande Prairie Regional College
Department of Science & Technology

STATISTICS 1410
(Introduction to Statistics)

Jan - Apr 1996

Instructor Dr. S. Koppula
Lecture B3 M W F 14:00-14:50 J 203
Lab BL1 R 9:30-10:20 J 202
Lab BL2 W 8:00- 8:50 J 202

Office C 409 Ph 539 2003

Text JOHNSON, R. AND BHATTACHARYYA, G. (1992)
(required) *Statistics: Principles & Methods*
John Wiley & Sons, Inc.

Prerequisite Math 30 or consent of the department

Course Content The course material will correspond to all the chapters in the text except for chapters 13, 15, and 16.

Calculators Use of calculators with *Stat functions* is permitted. You will be responsible for learning to use your own calculator.

Final Grade The distribution of marks for final grade is

Quizzes	25%	
Exam I	20%	Feb 9, 1996 (tentative)
Exam II	20%	Mar 15, 1996 (tentative)
Final Examination	35%	Date announced by Registrar

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

Quiz 1	Jan 26, 1996	Quiz 2	Mar 6, 1996
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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.