STATISTICS 1510 A3/B3/C3 3(3-0-2)

Introduction to Applied Statistics
Winter 2011

Grande Prairie Regional College

ROOM:

Lecture:	ST1510 A3	J228	T R	8:30-9:50
	ST1510 B3	J203	W F	13:00-14:20
	ST1510 C3	H211	W F	13:00-14:20
Lab:	ST1510 AL1	A312	T	14:30-16:20
	ST1510 AL1	A312	M	14:30-16:20
	ST1510 BL1	A305	T	14:30-16:20
	ST1510 BL2	A305	W	14:30-16:20
	ST1510 CL1	A312	R	14:30-16:20

INSTRUCTOR: **A** section Tom Kaip, J218, ph. 780-539-2963, TKaip@gprc.ab.ca
B section Dr. Tanvir Sadiq, J209, ph. 780-539-2865, TSadiq@gprc.ab.ca
C section Dr. Reddy Ganta, J220, ph. 780-539-2850, RGanta@gprc.ab.ca

TEXT: *INTRODUCTORY STATISTICS* 7th Edition, by Prem S. Mann

CALCULATOR: TI 84

PREREQUISITE: Pure Math 30

TRANSFER: UA, UC, UL, AU, AF, CU, KUC, other.

Office Hours: TBA

ASSESSMENT: Your final grade will be determined in the following manner:

Assignments	10%	
Lab Reports	15%	
Mid Term	22%	week of Feb14 -18
Lab Exam	15%	week of April 4-8
Final Exam	38%	As per the Registrar's office

EXAMS: Exams will be closed book. A hand calculator will be necessary.
The formula sheet and tables as given in the textbook will be copied and be given to you for the exams.

MISSED EXAMS: Students who miss the mid-term exam for a valid reason, such as illness, will have the weight transferred to the final exam. In case of illness a doctor's note will be required.

OUTLINE

Statistics 1510 is an introductory statistics course focusing on statistical reasoning and data analyses. Mathematical theory is kept to a minimum. Students have access to a computer lab and so are able to work with a variety of data sets. You will be taught in the labs how to use the statistical part of the spreadsheet EXCEL and you will learn how to make proper lab reports.

The following course outline is based on the text ***Introductory Statistics*** by Prem S. Mann.

PART I	Describing Data	Chapters 1-3
PART II	Probability and Probability Distributions	Chapters 4-7
PART III	Inference about means and proportions	Chapters 8-10
PART IV	Applications	Chapters 11-13
NOTE:	Some sections in these chapters will be omitted.	

ASSIGNMENTS: There are 4 homework assignments for this course. The assignments will be given out during class on a Thursday and are due at the beginning of class one week later. You are encouraged to complete most assignments using Excel. **NO LATE ASSIGNMENTS WILL BE ACCEPTED.**

GRADING SCHEME: The following grading scheme will be used as a guideline.

A+	4.0	95-100%	
A	4.0	90-94%	Excellent
A-	3.7	85-89%	
B+	3.3	80-84%	
B	3.0	75-79%	Good
B-	2.7	70-74%	
C+	2.3	66-69%	
C	2.0	62-65%	Satisfactory
C-	1.7	58-61%	
D+	1.3	55-57%	
D	1.0	50-54%	Minimal Pass
F	0.0	0-49%	Fail

NOTE: a grade of D or D+ will NOT meet the perquisite requirements for other math courses and will not be accepted by other universities or colleges.