

STATISTICS 1510 B3

Introduction to Applied Statistics Winter 2010

Grande Prairie Regional College

ROOM:	Lecture:	ST1510 B3	W F	13:00 - 14:20
	Lab:	ST1510 BL1 A305	Tues	14:30 - 16:20
		ST1510 BL2 A312	Thurs	14:30 - 16:20
INSTRUCTOR:	Thomas Kaip, J212, ph. 780-539-2963, tkaip@gprc.ab.ca			
TEXT:	<i>INTRODUCTORY STATISTICS</i> by Prem S. Mann			
PREREQUISITE:	Pure Math 30			
TRANSFER:	UA, UC, UL, AU, CU, KUC, AUC.			
ASSESSMENT:	Your final grade will be determined in the following manner:			
	Assignments	10%		
	Lab Reports	15%		
	Mid Term	20%	Feb 19	
	Lab Exam	15%	Apr 6/8	
	Final Exam	40%	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.			

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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 6th edition of 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 Wednesday 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.

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