

GRANDE PRAIRIE REGIONAL COLLEGE
DEPARTMENT OF ADMINISTRATIVE STUDIES
SLAVE LAKE
COURSE OUTLINE
1993-94

BA 1050 - BUSINESS MATHEMATICS AND STATISTICS 3(3-2)

INSTRUCTOR	SCOTT HUNTER-MOFFATT 849-8633 (WORK)	
PREREQUISITES	Math 20 or Math 33	
MATERIALS	<u>Mathematics of Finance with Canadian Applications</u> , S.A. Hummelbrunner, Prentice Hall. <u>Microeconomics</u> , McConnell, Brue and Bariero, 6th Canadian Edition, McGraw Hill. <u>Microeconomics Study Guide</u> . Texas Instruments BA-35 Calculator.	
COURSE OBJECTIVES	To provide students with a knowledge of managerial mathematics, introductory statistics and managerial economics. Specific topics to be covered are: simple and compound interest, annuities, basic statistics, probability, and economics. This course in conjunction with BA 1510 give the CGA and CMA exemption in Economics. In conjunction with BA 2080 the course provides an exemption in CGA Managerial Statistics 203 and CMA Quantitative Methods 332.	
GRADING	QUIZZES MIDTERM FINAL	40% 30% <u>30%</u> 100%
	You will be given 10 quizzes based on homework assignments. The top 8 out of 10 marks will be used to calculate your grade meaning each quiz will be worth 6%. No excuses will be accepted for missing a quiz. If you do miss a quiz for any reason, justified or unjustified, this will simply be taken as one of the two quiz marks that are not counted towards your final grade.	

BA 1060 - BUSINESS MATHEMATICS AND STATISTICS

The Midterm Examination will cover all material up to annuities. This will be a closed book examination. Students will be expected to show all formulas, substitute in the appropriate values, and the final answer. Unless specifically stated, you will not be required to show the calculations to come up with your answer because you can use a calculator to simplify this procedure.

The Final Examination will also be closed book. It will cover only material from the second half of the course.

BA 1050 - BUSINESS MATHEMATICS AND STATISTICS**COURSE CONTENT**

The following is an approximate time frame for covering topics over the semester. There will be deviations from this schedule based on student needs.

<u>WEEK #</u>	<u>WEEK OF</u>	<u>TOPIC</u>
1	Sept 9	Introduction, Simple Interest
2	Sept 13	Simple Discount, Promissory Notes
3	Sept 20	Simple Interest, Compound Interest
4	Sept 27	Compound Interest
5	Oct 4	Simple Annuities
6	Oct 11	Simple Annuities, General Annuities
7	Oct 18	General Annuities
8	Oct 25	Review, Midterm Exam
9	Nov 1	Nature of Statistics, Descriptive Statistics
10	Nov 8	Probability
11	Nov 15	Graphing Supply and Demand Concepts, Managerial Functions
12	Nov 22	Elements of Demand
13	Nov 29	Production Decision and Cost Theory
14	Dec 6	The Pricing Decision, Review
15	TBA	Final Exam