GPRC

DEPARTMENT OF Business

COURSE OUTLINE – Fall 2011

BA 1050 A2: Business Mathematics

INSTRUCTOR: Carly McLeod   **PHONE:** 780-539-2946
OFFICE: C307   **E-MAIL:** cmcleod@gprc.ab.ca

**OFFICE
HOURS:**   Tues & Thurs 11:30am - 12:50pm

PREREQUISITE(S)/COREQUISITE:
Math 20, Math 33 or consent of instructor.

REQUIRED TEXT/RESOURCE MATERIALS: Business Mathematics in Canada;
Seventh Edition. F. Ernest Jerome. McGraw-Hill Ryerson.
Sharp EL-733 A or EL - 738 Calculator – **no programmable calculators will be allowed.**

CALENDAR DESCRIPTION: This course emphasizes a range of mathematical
calculations used in business. Students will be introduced to simple interest, compound interest,
annuities, amortization, sinking funds, statistical methods and probablitity theory. Practical
applications will be emphasized in the course.

CREDIT/CONTACT HOURS: BA 1050 is a 3 credit course consisting of 60 hours of
instruction.

DELIVERY MODE(S): BA 1050 consists of three hours of lecture and one hour of lab
work per week.

OBJECTIVES: The primary objective of this course is to increase the student's knowledge
and skill in the solution of practical financial and mathematical problems encountered in the
business community.

TRANSFERABILITY: ** **Grade of D or D+ may not be acceptable for transfer to other
post-secondary institutions. Students are cautioned that it is their responsibility to
contact the receiving institutions to ensure transferability.**
Thompson Rivers University, AU, CUC, KUC, AUG, CGA, CMA, PMAC, AAA

GRADING CRITERIA:

Quizzes: 30% - written throughout the semester. (7.5% each)
Mid-Term: 30% - written approximately at the end of Week 7
Final Exam: 35% - scheduled during the exam week by the registrar's office.
Participation: 5% - participation and attendance in class. In order to get the most out
                  of class regular attendance and active participation is encouraged.

- **All quizzes, mid-terms and finals will be written as scheduled.**

- **No rewrites will be given on missed quizzes or midterms. If there is an excusable absence the weighting of the missed quiz/exam will be added onto the final exam weighting.**

STATEMENT ON PLAGIARISM AND CHEATING: Please refer to pages 49-50
of the College calendar regarding plagiarism, cheating and the resultant penalties. These are
serious issues and will be dealt with severely.

COURSE SCHEDULE/TENTATIVE TIMELINE:

Week	Date	Chapter	Topic	Activity
1	Sept 9th	6	Simple Interest	
2	Sept 12th	6	Simple Interest	
3	Sept 19th	7	Simple Interest Applications	
4	Sept 26th	7	Simple Interest Applications	Quiz #1 Ch 6 - 7
5	Oct 3rd	8	Compound Interest: FV & PV	
6	Oct 10th	8	Compound Interest: FV & PV	Quiz #2 Ch. 8
7	Oct 17th	9	Compound Interest: Further Topics	Mid-Term
8	Oct 24th	10	Ordinary Simple Annuities	
9	Oct 31st	10	Ordinary Simple Annuities	
10	Nov 7th	11	Ordinary Annuities	Quiz #3 Ch. 9 -11
11	Nov 14th	12	Annuities Due & Deferred Annuities	
12	Nov 21st	14	Amortization of Loans	
13	Nov 28th	15	Bond Valuations	Quiz #4 Ch. 12, 14 & 15
14	Dec 5th	All Chapters	Review	

Grades will be assigned on the Letter Grading System.

Business Administration and Commerce Department

Grading Conversion Chart

Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A$^+$	4	94 – 100	EXCELLENT
A	4	90 - 93	
A$^-$	3.7	85 – 89	FIRST CLASS STANDING
B$^+$	3.3	80 – 84	
B	3	76 – 79	GOOD
B$^-$	2.7	72 – 75	
C$^+$	2.3	67 – 71	SATISFACTORY
C	2	64 – 66	
C$^-$	1.7	60 – 63	
D$^+$	1.3	55 – 59	MINIMAL PASS
D	1	50 – 54	
F	0	0 – 49	FAIL