

Grande Prairie Regional College
Department of Business Administration
Business Mathematics and Statistics
BA 1050 3(3-1)

- Instructor:** Lori Rae
- Contact:** (780) 593-2711 or Lpalmer@gprc.ab.ca, Room C406
- Required Text:** S.A. Hummelbrunner. **Mathematics of Finance with Canadian Applications (Fourth Edition)**. Toronto: Prentice Hall (2001).
- Prerequisite:** Math 20 or Math 33
- Transferability:** In conjunction with BA 2060 (Statistics for Business), this course provides an exemption for CGA and CMA Quantitative Methods. As well it transfers to Math 244 at Athabasca University.
- Required Tools:** Financial calculator. Preferably the **Sharp EL-733A**. **No programmable calculators will be allowed in exams.**
- Course Description:** This course emphasizes a wide range of mathematical calculations that are commonly used in the business world. Topics will include simple interest, compound interest, future and present values, annuities, amortization, and bond valuation.
- Course Evaluation:**
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|-------------------------|-----|
| Quizzes and Assignments | 10% |
| Mid-Term #1 | 25% |
| Mid-Term #2 | 25% |
| Final Exam | 35% |
| Participation | 5% |
- Class Participation:** 5% of the final grade will be attributed to participation and attendance in class. In order to get the most out of this class, regular attendance and active participation is encouraged.

*There will be unit quizzes given following the completion of each chapter as well as two mid-term examinations both worth 25% of the final grade. The first mid-term will be held tentatively during the week of Feb. 9-13th and the second mid-term will be tentatively held during the week of March 22-26th. The final exam, worth 35% of the final grade, will be scheduled during examination week by the registrar's office.

Course Outline

- Simple Interest
- Simple Interest Applications
- Compound Interest
- Ordinary Annuities
- Other Annuities
- Amortization of Loans
- Bond Valuation

***The instructor reserves the right to change, or cancel, any of these dates and topics.**