
Tu 10:30 AM - 11:20 AM
SECB 1011, Burnaby

Th 9:30 AM - 11:20 AM
SECB 1012, Burnaby

Oct 4, 2017
5:30 PM - 7:20 PM
BLU 9660, Burnaby

Nov 1, 2017
5:30 PM - 7:20 PM
BLU 9660, Burnaby

Dec 12, 2017
8:30 AM - 11:30 AM
BLU 9660, Burnaby

Bonds and Other Securities: Types of securities, price of a bond, premium and discount, yield rates, callable bonds, serial bonds.

Applications: Real estate mortgages, interest rate disclosure and regulation.

Other: Inflation, yield curves, forward rates, spot rates, duration, convexity, immunization, interest rate swaps.

This course is accredited under the Canadian Institute of Actuaries (CIA) University Accreditation Program (UAP) for the 2017-2018 academic year. Achievement of the established exemption grade in this course may qualify a student for exemptions from writing certain preliminary exams. Please note, a combination of courses may be required to achieve a single exemption. Please see <http://www.cia-ica.ca/membership/uap> for full details.

Grading

Quizzes

Midterm 1

Midterm 2

Final Exam

Above grading is subject to change

Materials

Required Text:

Mathematics of Investment and Credit (6th ed) by Samuel A. Broverman. Publisher: ACTEX

OR

Mathematics of Investment and Credit (5th ed) by Samuel A. Broverman. Publisher: ACTEX

*Note: Problem sets will be assigned based on end-of-chapter exercises in the 6th edition, which may differ from the 5th edition.

Financial Mathematics by M.V. Butcher & C.J. Nesbitt, pub: Ulrich's

Financial Mathematics by M.M. Parmenter, pub: Actex

Financial Mathematics by J.J. McCutcheon & W.F. Scott, pub: Institute and Faculty of Actuaries

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Financial Mathematics by Ruckman and Francis, pub: BPP Professional Education

Financial Mathematics by Robert L. McDonald, pub: Addison Wesley

Students with Disabilities:

Students requiring accommodations as a result of disability must contact the Centre for Students with Disabilities 778-782-3112 or csdo@sfu.ca

Tutor Requests:

Students looking for a Tutor should visit <http://www.stat.sfu.ca/teaching/need-a-tutor-.html>. We accept no responsibility for the consequences of any actions taken related to tutors.

SFU's Academic Integrity web site <http://students.sfu.ca/academicintegrity.html> is filled with information on what is meant by academic dishonesty, where you can find resources to help with your studies and the consequences of cheating. Check out the site for more information and videos that help explain the issues in plain English.

Each student is responsible for his or her conduct as it affects the University community. Academic dishonesty, in whatever form, is ultimately destructive of the values of the University. Furthermore, it is unfair and discouraging to the majority of students who pursue their studies honestly. Scholarly integrity is required of all members of the University. <http://www.sfu.ca/policies/gazette/student/s10-01.html>

ACADEMIC INTEGRITY: YOUR WORK, YOUR SUCCESS