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FINANCIAL ECONOMICS

Class Number: 3901

COURSE TIMES

Th 8: 30 AM - 10: 00 AM
WMC 3250, Burnaby

Tu 8: 30 AM - 10: 00 AM
WMC 3220, Burnaby

EXAMTIME + LOCATION:

Feb 27, 2020
Thu 4: 30 PM - 6: 20 PM
Location: WMC 3210, Burnaby

Apr 17, 2020
Fri 8: 30 AM - 11: 30 AM
Location: TAKE HOME-EXAM, Burnaby

INSTRUCTOR:

Begin, Jean-Francois
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778.782.4478
Office: SC-K10547

PREREQUISITES:

ACMA 210 and STAT 285.

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CALENDAR DESCRIPTION:

Actuarial models and their application to insurance and financial risks. Introductory derivatives. Options. Option management. Discrete-time models: binomial models, multi-period models. Continuous-time models: Black-Scholes model. Market-making, hedging. Introduction to exotic options. Covers part of the syllabus for Exam 1 of the Canadian Institute of Actuaries. This course is part of the University Accreditation Program of the Canadian Institute of Actuaries.

COURSE DETAILS:

C i h]bY.

This course is an introductory course in financial economics for actuaries. The topics covered include:

- Overview of Financial Markets, Role of Financial Markets, Use of Derivatives, Put Options, Options as Insurance.
- Arbitrage Strategies, Put-Call Parity, Spreads and Collar.
- Buy a Stock, Prepaid Forward Contracts on Stocks, Futures and Commodity Forwards.
- Understanding

