Course Overview

This course serves as a preparation/review for the actuarial exam FM/2. You can take it for credit (one hour), or just sit in without registering (no prior approval needed). With or without registration, you can get your quizzes scored.

This course will cover both theory of interest and derivatives material, corresponding to the MATH 210 and to the exam FM/2 syllabus. I will briefly review the relevant concepts and formulas, but the majority of the time will be devoted to working actuarial exam problems.

Required Text

There is no required text, though you should have a basic financial mathematics/derivatives text available for reference; commercial test preparation manuals are advised, but not necessary for this class. Handouts, notes, quizzes and solutions will be posted on course web page.

Accessibility Statement

To insure that disability-related concerns are properly addressed throughout the semester, students with disabilities who require reasonable accommodations to participate in this class are asked to contact me within the first two weeks of class.
Prerequisites

This course mainly targets students who have already taken MATH 210.

About Calculators

You may use only the SOA/CAS approved calculators listed below. In-class examples will be made with **BA II Plus** or **TI-30XS Multi View**. It’s highly recommended that you start with approved ones.

- BA-35
- TI-30Xa
- BA II Plus
- TI-30XIIS
- BA II Plus Professional Edition
- TI-30XIB
- TI-30XS Multi View
- TI-30XB Multi View

(\[http://www.soa.org/education/exam-req/exam-day-info/edu-calculators.aspx\])

Grading

Grading for this course is on an S/U (Satisfactory/Unsatisfactory) basis.

There will be **no** homework, **no** mid-term, **no** final exam for this class, however, We **will** have in-class exercises, extra questions set, and a quiz at the end of each lecture. These quizzes will be similar in format and difficulty to the actuarial exams.

To get "S" credit, you need to
- a) Attend at least 10 of the 12 lectures, **OR**
- b) Score 75% or above on at least 6 of the 12 in-class quizzes.

There will be no makeup quiz.

Suggested Pace

Before the next lecture: check out the course website for solution of previous quiz and upcoming in-class exercises

During the lecture: take notes and ask questions

After the lecture: practice with additional question set

If you missed a class, see website for in-class exercise (solutions not provided), quiz question and solution, extra question set with keys and more.