
CLASS TIMES: 1:30-2:45 PM  MW  LOCATION:  Aderhold 213

INSTRUCTOR:  Dr. Eric Ulm

OFFICE:  1123 BA (35 Broad St)  PHONE: 404-413-7485

EMAIL:  eulm@gsu.edu

OFFICE HOURS:  3:00-5:00 PM TR or by appointment

HOMEWORK (10%):  Due end of class Wednesdays.
EXCEL MODEL (20%):  Beginning of class Wednesdays.
MIDTERMS (30%):  Two midterms will be given, makeup for very serious reasons only.
FINAL (40%):  Wednesday April 27 1:30-4:00 PM (30%) and Take Home Excel (10%)

Scale:  
- A+  98
- A  92
- A-  90
- B+  88
- B  82
- B-  80
- C+  78
- C  72
- C-  70
- D  60

Grades may be moved upward based on difficulty, but not downward.

POLICIES: Calculators should be approved ahead of time. Automatic approval is given to BA-35, BA-II Plus, TI-30X, TI-30Xa, TI-30XIIB, TI-30XIIS. Students exhibiting disruptive behavior, including talking, sleeping, talking on cell phones or disturbing other students will be asked to leave. If a cell phone or pager rings during a test, it will cost 5 points on that exam. Students may work together on the Homework. The Excel Model should be completely individually. Students must have e-mail, and access to the internet. Computer homework will be posted on Desire2Learn. You may leave the room to use the restroom during an exam, but it will cost 1 pt for every 2 minutes (or fraction of 2 minutes) that you are out of the room. No more than one person may be out of the room at one time.

PREREQUISITES: AS 8340, CSP: 2

COURSE OBJECTIVES AND STUDENT LEARNING OUTCOMES: In this course, probability and statistics is applied to the study of life insurance. In addition, practical business models of life insurance contracts are created and analyzed. This is not intended to be an actuarial exam preparation course. By the end of the course, the student will be able to:

1. Calculate the value of insurance in multiple state models.
2. Calculate the value of insurance on multiple insured lives.
3. Calculate the value of life insurance and pensions considering both death and other forms of policy termination.
4. Calculate the values of pensions with a salary schedule.
5. Understand how interest rate and mortality risk affects insurance values.
6. Calculate insurance cash flows and values including profit.

SCHEDULE: (Tentative)

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