

Math 520: Life Contingencies I

Section 001, T-Th 10:10, 3088 East Hall

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Text: *Actuarial Mathematics*, Second Edition, Bowers et. al., ISBN: 0-938959-46-8

Errata: <http://www.soa.org/ccm/content/exams-education-jobs/candidate-and-exam-information/spring-exam-session/study-notes/errata-for-actuarial-mathematics/>

Office Hours: Wednesday 1:30-4:30 and by appointment

Prerequisites: Math 424 and Math 425

Attendance: Though I don't take attendance in class, it benefits you to attend class regularly. You are responsible for all of the material and announcements from each lecture. I do post the handouts from lecture within a day or two, but I do not post lecture notes. If you miss a class, it is *your* responsibility to get the notes from a classmate.

Grading Policy and Important Dates

- I will assign homework problems in class (and on the course webpage) regularly. I will not collect homework. However, I will probably assign a few hand-in problems or computer projects; I will give you at least one week's notice for these assignments. They will count as a quiz grade.
- We will have 8 quizzes based on the homework problems and examples from lecture. I do not give make up quizzes, but I will drop your lowest quiz grade. **The quiz dates are:**

9/15	11/1
9/22	11/8
9/29	12/1
10/25	12/8

- **We will have two midterm exams; the dates are Tuesday, 10/11 and Tuesday, 11/15.** I do not give make up exams, except in the case of a *well-documented* family or medical emergency.
- Our final exam is cumulative. It will be at the time scheduled by the registrar: **Tuesday, 12/20/04 at 10:30AM.**
- Your final grade will be determined according to the following weights:

Quiz Total	20%
First Exam	20%
Second Exam	20%
Final Exam	40%

Guaranteed Minimum Grade: A (93+ - 100), A- (90+ - 92+), B+ (87+ - 89+), B (83+ - 86+), B- (80+ - 82+), C+ (77+ - 79+), C (73+ - 76+), C- (70+ - 72+), D (60s), E (<60).

Syllabus

I plan to cover Chapters 3-6 of the text and possibly part of Chapter 7. A **tentative** course schedule appears on the next page. *I expect that our actual progress through the text will deviate somewhat from this schedule.*

Course Website

You can visit the course website by logging in at the CTools portal site <https://ctools.umich.edu/portal>. If you are registered for Math 520, you should see a link to the course webpage. I will post announcements, homework assignments, messages, and other course resources on the course webpage regularly. If you have trouble accessing the webpage, please send me an e-mail.

Tentative Schedule for Math 520-001

I expect our progress through the text to deviate somewhat from this schedule.

Tuesday	Thursday
Chapter 3 09/06/04	Chapter 3 9/8/04
Chapter 3 9/13/04	Chapter 3 Quiz 1 9/15/04
Chapter 3 9/20/04	Chapter 4 Quiz 2 9/22/04
Chapter 4 9/27/04	Chapter 4 Quiz 3 9/29/04
Chapter 4 10/4/04	Chapter 4, Catch-up, Review 10/6/04
Mid-term 1 10/11/04	Chapter 4 10/13/04
Fall Break – no class 10/18/04	Chapter 5 10/20/04
Chapter 5 Quiz 4 10/25/04	Chapter 5 10/27/04
Chapter 5 Quiz 5 11/1/04	Chapter 5 11/3/04
Chapter 5 Quiz 6 11/8/04	Chapter 5, Catch-up, Review 11/10/04
Mid-term 2 11/15/04	Chapter 6 11/17/04
Chapter 6 11/22/04	Thanksgiving – no class 11/24/04
Chapter 6 11/29/04	Chapter 6 Quiz 7 12/1/04
Chapter 7 12/6/04	Chapter 7 Quiz 8 12/8/04
Chapter 7, Catch-up, Review Last Class 12/13/04	12/15/04
Cumulative Final Exam 10:30-12:30 12/20/04	12/22/04