

# ACT 3130 - Actuarial Models 1

## Instructor: Xuemiao (Samuel) Hao

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- Office hours: Mon and Wed 2:30pm-3:30pm, or by appointment

## Class Schedule

- Time: Mon and Wed 1:00pm-2:15pm
- Room: 140 Drake Centre

## Textbooks

- *Actuarial Mathematics* (2nd edition, 1997), by N.L. Bowers *et al.*
- *Life Contingencies: A Logical Approach to Actuarial Mathematics* (2009 edition) by R.W. Batten

Copies of each resource are available in the management library on a reserve basis. Other problem solving resources are available in the library and you are strongly encouraged to take advantage of them.

## Course Materials

You will be sent lecture notes before classes. Please print out lecture notes **BY YOUR-SELF** before each class.

## Tentative Schedule

- *Actuarial Math.* Chapter 3: Survival distributions and life tables
- *Actuarial Math.* Chapter 4 [4.1-4.4]: Life insurance
- *Actuarial Math.* Chapter 5 [5.1-5.4]: Life annuities
- *Actuarial Math.* Chapter 6 [6.1-6.4]: Benefit premiums

## Important Dates

- Sep. 13 (Mon): First class
- Oct. 11 (Mon): Thanksgiving Day (no class)
- Oct. 27 (Wed): Mid-term exam
- Nov. 17 (Wed): Last day for voluntary withdrawal
- Dec. 8 (Wed): Last class
- Some day in final examination period: Final exam

## Evaluation

- Quizzes: 30%
- Mid-term exam: 30%
- Final exam: 40%

## Important Issues

- If you are taking an actuarial exam by CBT, you are strongly encouraged to schedule your exam appointment at a CBT center IMMEDIATELY upon receipt of your confirmation letter. **Please make sure your CBT exam date does not conflict with our course schedule.**
- Students who miss a quiz with a legitimate reason will have the weight of the missed quiz allocated to the remaining quizzes when proper documentation is received by me within 5 working days of the missed quiz. This policy only applies to the student's first missed quiz. Any additional missed quizzes will be assigned a score of zero.
- If there is any errors or unfairness on marking your exams or quizzes, bring your papers to me within 3 working days for possible re-grading.
- *Academic dishonesty: Plagiarism, cheating and examination impersonation will not be tolerated and will be handled according to university policies and regulations.*