

9:00 – 9:50 MW Bouillon 215

Instructor: Dr. Cen-Tsong Lin

Office: Bouillon 108B, Tel: 963-2842, E-mail: ctl@cwu.edu, Webpage: <http://www.cwu.edu/~ctl>

Office Hours: 10:00 – 11:00 Monday – Friday or by appointment.

Course Goals: First, to study and review the probability topics those are important in actuarial science. Second, to discuss and present efficient ways of solving problems that might appear on Exam P/1 of SOA/CAS.

Prerequisite: Math 411A. I will also assume that everyone is enrolled in Math 411B concurrently.

Required Text: Samuel Broverman, *ACTEX Study Manual for SOA Exam P/CAS Exam 1*, 2009 Edition, ACTEX Publication

Calculator: A calculator suitable for Exam P/1 is required. (Only the following Texas Instrument calculator models may be used: **BA-35, BA II Plus, BA II Plus Professional Edition, TI-30Xa, TI-30XIIS, TI-30XIIB, TI-30XS MultiView, TI-30XB MultiView.**)

Chapters Covered: Section 1 – 10.

Tentative Schedule:

Week 1 January 7:	Introduction
Week 2 January 12 and 14:	Section 1 and 2
Week 3 January 21:	Section 3
Week 4 January 26 and 28:	Section 4; Quiz 1
Week 5 February 2 and 4:	Section 5; start section 6
Week 6 February 9 and 11:	Section 6 and 7
Week 7 February 18:	Quiz 2
Week 8 February 23 and 25:	Section 8 and 9
Week 9 March 2 and 4:	Quiz 3 , start section 10
Week 10 March 9 and 11:	Section 10

Evaluation:

- Homework (40%)
- 3 quizzes (30%), tentative scheduled for Wednesday 1/28, Wednesday 2/18 and Monday 3/2.
- Comprehensive final exam (20%), Wednesday 3/18, 8:00 – 10:00.
- Class participation and attendance (10%)

Homework: Homework should be kept in a binder. At Wednesday class, you will hand in your homework to be checked and you will get it back on the next class meeting. It is your benefit to keep this as neat as possible. No late homework will be accepted.

In-class quizzes: These are designed to give you some practice working under timed conditions. There will be 8 multiple-choice questions in each quiz; those questions are cumulative over all material we have covered at that point. (Note: In a live exam you will have 3 hours to answer 30 multiple-choice questions, that is 6 minutes per question.)

Final Exam: 20 multiple-choice questions.