

ACT452H1S LOSS MODELS II - 2017

Pre/corequisites

ACT348H, ACT451H, STA261H, STA347H

Students who do not have the prerequisites or prerequisite waivers will be removed from the course on Wednesday, January 18.

Lecture Times and Locations

Monday 2PM-3PM SS2105, Wednesday 2PM-4PM, SS2105

Instructor & Office Hours

S. Broverman, SS6016, 978-4453, sam@utstat.toronto.edu

Monday 10AM-Noon , Wednesday 11AM-12Noon

Recommended Reference Material

ACTEX Model Estimation - In Volume 1 of ACTEX Study Guide for Exam C
(available from www.actexamdriver.com)

Loss Models, From Data to Decisions, S. Klugman, etc. 4th Ed.

Lecture notes and problem sets will be posted on Blackboard.

Course Outline

The course will cover the material in the Model Estimation section of ACTEX Study Guide for Exam C. Material on Poisson processes may be covered as well.

Marking Scheme

Three term tests.

Test 1 - Wed., Feb. 15, 2-4PM 45%

Test 2 - Wed., Mar. 15, 2-4PM 30%

Test 3 - Wed. Apr. 5, 2-4M 25%

There will be an oral makeup test for those who miss a term test.

Those who miss a term test must submit within one week of the test a U of Toronto Student Medical Certificate completed by a physician who attended to the illness and must schedule the oral makeup test to take place within two weeks of the original test. Failure to do so will result in a mark of 0 for that test.

A calculator will be needed for some test questions. There is no restriction on the type of calculator allowed.

This course provides part credit towards Exam C under the Canadian Institute of Actuaries (CIA)'s University Accreditation Program (UAP).

Canadian Institute of Actuaries (CIA)'s University Accreditation Program (UAP)

ACT452H is an accredited course under the UAP program. The minimum grade needed to apply for an exemption is 75. For detailed information on UAP, please visit the following webpages:

- * University Accreditation Program description
(<http://www.cia-ica.ca/membership/uap>)
- * List of accredited courses offered by University of Toronto:
<http://www.cia-ica.ca/membership/uap/accredited/toronto>
- * How to apply for CIA exemptions:
<http://www.cia-ica.ca/membership/uap/information-for-students>

Note: The CIA will grant credits to students for SOA/CAS examinations based on the achievement of the minimum Grade towards Associateship (ACIA) and Fellowship (FCIA) in the CIA. At the time of this agreement, CIA credits are recognized by the following actuarial organizations towards their respective designations:

Casualty Actuarial Society (CAS): ACAS, FCAS

UK Institute and Faculty of Actuaries (IFoA): FIA, AIA

Institute of Actuaries of Australia (IAA): AIAA, FIAA

Actuarial Society of South Africa (ASSA): AMASSA, FASSA

American Academy of Actuaries (AAA): MAAA

The CIA does not guarantee that credits granted to students under the CIA UAP will be recognized by any other actuarial organizations towards their actuarial designations."