

ACT466H1S CREDIBILITY AND SIMULATION

Pre/corequisites

ACT451H, STA347H

Lecture Times and Locations

Tuesday 11AM-12PM, Thursday 10AM-12PM, RM 110

Instructor & Office Hours

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

Monday, Tuesday 9-11AM

Recommended Reference Material

SOA Credibility Study Note (available at www.soa.org)

ACTEX Credibility and Simulation (available from www.actexamdriver.com)

Loss Models, From Data to Decisions, S. Klugman, etc. 3rd Ed., Chapters 20,21

Lecture notes and problem sets will be made available at the course website

<http://www.utstat.toronto.edu> (use the actsci and then "courses" links).

Course Outline

This course will cover the following topics:

Credibility theory (Chapter 20 of Loss Models text)

Simulation (Chapter 21 of Loss Models text)

Marking Scheme

Three term tests.

Test 1 - Thurs., Feb. 5, 10-12PM 40%

Test 2 - Thurs., Mar. 19, 10-12PM 35%

Test 3 - Thurs. Apr. 9, 10-11AM 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.