

SPRING 2023 - ACMA 470 E100

## PROPERTY AND CASUALTY INSURANCE (3)

Class Number: 5842 Delivery Method: In Person

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**COURSE TIMES + LOCATION:**

Tu 6:00 PM – 8:50 PM  
HCC 1525, Vancouver

**EXAM TIMES + LOCATION:**

Apr 22, 2023  
7:00 PM – 10:00 PM  
HCC 2260, Vancouver

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**INSTRUCTOR:**

John Giles  
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### Description

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**CALENDAR DESCRIPTION:**

Rate-making: terminology, process, trend, ultimate losses, expense provisions, pro fit and contingencies, overall rate indications, classification rates, increased limits. Individual risk rating: prospective systems, retrospective rating, design. Loss Reserving: accounting concepts, definitions, principles, loss reserving process. Risk classification: relationship to other mechanisms, criteria for selecting rating variables, examples, efficiency, estimating class relativities. Covers part of the syllabus for Exam 5 of Casualty Actuarial Society. Quantitative.

**COURSE DETAILS:**

The course provides an overview of the property and casualty industry and covers foundational materials in the syllabus for Exams 5, 6, and 7 of Casualty Actuarial Society.

The topics include:

- P&C industry overview
- Rate-making
- Risk classification
- Loss reserving
- Capital adequacy testing

Introduction to Rate-making and Loss Reserving for Property and Casualty Insurance 2nd Edition, 2001, Robert Brown

### Grading

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Project	20%
Midterm 1	20%
Midterm 2	20%

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**NOTES:****Materials**

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**REQUIRED READING:**

No Text Required. Various required reading from CAS syllabus available on the internet.

**REQUIRED READING NOTES:**

Your personalized Course Material list, including digital and physical textbooks, are available through the SFU Bookstore website by simply entering your Computing ID at: [shop.sfu.ca/course-materials/my-personalized-course-materials](https://shop.sfu.ca/course-materials/my-personalized-course-materials).

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**DEPARTMENT UNDERGRADUATE NOTES:**

Students requiring accommodations as a result of disability must contact the Centre for Accessible Learning 778-782-3112 or [caladmin@sfu.ca](mailto:caladmin@sfu.ca).

Students looking for a tutor should visit <https://www.sfu.ca/stat-actsci/all-students/other-resources/tutoring.html>. We accept no responsibility for the consequences of any actions taken related to tutors.

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**REGISTRAR NOTES:**

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