

Actuarial Practice AS 4426F / AS 9426A

Course Outline

1. Course Information

Course Information

Course Name: Actuarial Practice

Course Number: AS 4426F and AS 9426A

Term: Fall 2023

Location: PAB 117

Time: Tue & Thu 8:30 AM – 10:30 AM

List of Prerequisites

[Actuarial Science 2427A/B](#). Restricted to students who have completed all courses specifically mentioned in the Major in Actuarial Science module.

Unless you have either the requisites for this course or written special permission from your dean to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees if you are dropped from a course for failing to have the necessary prerequisites.

2. Instructor Information

Instructor	Email	Office	Phone	Office Hours
Joel Smith	joel.smith@uwo.ca	WSC 268	n/a	Tue 1:15pm-2:30pm

Students must use their Western (@uwo.ca) email addresses when contacting their instructors.

3. Course Syllabus, Schedule, Delivery Mode

Introduction to the actuarial profession and the major areas of actuarial practice. Insurance and annuity product design, pricing, and valuation, profit metrics, the role of the Appointed Actuary, and other topics.

Learning Outcomes

Upon successful completion of this course, students will be able to:

Understand the various areas of actuarial practice in Canada.

Understand and apply professional actuarial standards.

Understand the various types of insurance products sold in the Canadian market.

Analyze a typical actuarial problem and make recommendations with respect to product design, pricing, and reserving.

Understand the role of the Appointed Actuary, Independent Actuary, and Peer Review Actuary.

Review the work of another actuary and critique the analysis and conclusions.

Lecture Schedule:

Week 1 - Sept 7	Introduction and Overview of Actuarial Practice Areas
Week 2 - Sept 12 & 14	The Actuarial Professional
Week 3 - Sept 19 & 2	

Help page. Alternatively, they can contact the Western Technology Services Helpdesk by phone at 519-661-3800 or ext. 83800.

Important note: cameras and recording devices are prohibited during lectures.

5. Methods of Evaluation

The overall course grade will be calculated as listed below:

Interim Presentation (15%) During class on Oct 24 or Oct 26

Topic: Actuarial case study, including asking questions of another presenter

Final Presentation (15%) During class on Nov 28 or Nov 30

Topic: Actuarial case study (continued)

In-class report 1 (15%) During class on Dec 5

Topic: Closed-

For assessments totaling 10% or more of the final course grade (all work in this course), you must

Scholastic offences are taken seriously and students are directed to read the appropriate policy,