

The University of Western Ontario
Department of Statistical and Actuarial Sciences
ACTUARIAL SCIENCE 1021 – Section 001 – Winter 2023
Introduction to Financial Security Systems

Instructor:

Textbook

1. There is a CUSTOM TEXTBOOK on sale at the UWO bookstore (about \$95)
 (Canadian hepell Handbook of
 th Edition)
2. Various articles on course OWL web page

Course Outline

Topics	Readings	Source
Module 1: Financial Security and Insecurity (1 week)		
Overview of Causes	Economic Security and Insecurity Basic Principles of Social Insurance	OWL
Rational for Social Insurance / Comparison to Social Insurance	Class Notes	
Module 2: Old Age (5 weeks)		
Individual Retirement Savings Plans	Chapter 14: pp 415-418, 421-425, 432-434	Morneau Handbook
Employer Pension plans	Chapter 1: pp 3-24; Chapter 3; Chapter 9: pp 259-273; Chapter 14: pp 418-421	Morneau Handbook
Government CPP/QPP, OAS, GIS	Chapter 2	Morneau Handbook
Long-Term Care	Long-Term Care Insurance	OWL
Module 3: Poor Health – Medical Needs (2 weeks)		
Individual Individual Health Insurance	Class Notes	
Employer Group Plans	Chapter 20	Morneau Handbook
Government Provincial Hospital Plans	Chapter 17	Morneau Handbook
Module 4: Poor Health – Disability (2 weeks)		
Individual Individual Disability Insurance	Disability Income Insurance	OWL
Employer STD and LTD plans	Chapter 21	Morneau Handbook
Government Workers Comp, CPP	Chapter 18	Morneau Handbook
Module 5: Premature Death (1 week)		
Overview, principles, importance, definitions	Class Notes	
Individual Individual Insurance	Class Notes	
Employer Group Insurance	Chapter 23	Morneau Handbook
Module 6: Other Topics (if time permits)		
Insurance Contracts, Employment Insurance & Other Topics		OWL

Course OWL Web Page

Students should check OWL (<http://owl.uwo.ca/portal>) on a regular basis for news and updates.
This is the primary method

Midterm Exam (2 hours)

There will be a two-hour test (consisting of written answer questions) on the following date:

Wednesday, February 26, 2019, 6:00 pm to 8:00 pm (Topics TBA)

If you have any conflict, you must check with your instructor as soon as possible (and prior to the test). If you miss the test for a valid reason, you must provide documentation

Support Services

Learning-skills counsellors at the Student Development Centre are ready to help you improve your learning skills. They offer presentations on strategies for improving time management, multiple-choice exam preparation/writing, textbook reading, and more. Individual support is offered throughout the Fall/Winter terms in the drop-in Learning Help Centre, and year-round through individual counselling: <http://sdc.uwo.ca/>.

Students who are in emotional/mental distress should refer to Mental Health@Western for a complete list of options about how to obtain help: <https://www.uwo.ca/health/>

Additional student-run support services are offered by the USC: <https://westernusc.ca/your-services/>.

Accessibility

Please contact the course instructor if you require lecture or printed material in an alternate format or if any other arrangements can make this course more accessible to you. You may also wish to contact Services for Students with Disabilities (SSD) at 661-2111 ext. 82147 if you have questions regarding accommodation.

The policy on Accommodation for Students with Disabilities can be found here: https://www.uwo.ca/univsec/pdf/academic_policies/appeals/Academic%20Accommodation_disabilities.pdf

The policy on Accommodation for Religious Holidays can be found here: http://www.uwo.ca/univsec/pdf/academic_policies/appeals/accommodation_religious.pdf