

ACTUARIAL SCIENCE 1021B

## Course Outline:

Topic	Readings (excludes webpage links in notes) **	Where
<b>Module 1. What is financial security and financial insecurity</b>		
Overview of causes	Economic Security and Insecurity Basic Principles of Social Insurance	OWL
Rationale for Social Insurance/Comparison to Private Insurance	Class Notes	
<b>Module 2. Old Age</b>		
Individual – Retirement savings plans	Chapter 14 – pg 415-418:421-425:432-434	Morneau Handbook **
Employer – Pension plans Group RRSP's	Chapter 1: pg 3 - 24, Chapter 3, Chapter 9:pg 259-273; Chapter 14: pg 418-421	Morneau Handbook
Government – CPP/QPP, OAS, GIS	Chapter 2	Morneau Handbook
Long Term Care	Long-Term Care Insurance	OWL
<b>Module 3. Poor Health – Medical Needs</b>		
Individual – Individual Health Insurance	Class Notes	
Employer – Group Plans	Chapter 20	Morneau Handbook
Government – Provincial hospital plans	Chapter 17	Morneau Handbook
<b>Module 4. Poor Health – Disability</b>		
Individual – Individual disability insurance	Disability Income Insurance	OWL
Employer – STD and LTD plans	Chapter 21	Morneau Handbook
Government – Worker's Compensation, CPP	Chapter 18	Morneau Handbook
<b>Module 5. Premature Death</b>		
Overview, principles, importance, definitions	Class Notes	OWL
Government – CPP and WC	Review of previous material	
Individual – Individual Insurance	Class Notes	OWL
Employer – Group Insurance	Chapter 23	Morneau Handbook
<b>6. Other topics (if or as time permits)</b>		
Ins. Contracts, Employment Ins. & other topics		OWL

\*\* i.e. the AS1021 custom textbook

**\*\* Any updates to reading will be well communicated as we work through the term**

**Note:**

**Your course grade will be determined as follows:**

<b>Participation/in class assessments</b>	<b>5%</b>
<b>Written Report</b>	<b>10%</b>
<b>Test 1</b>	<b>20%</b>
<b>Test 2</b>	<b>20%</b>
<b>Final Exam</b>	<b>45%</b>

**Course Website Information:**

Sakai/OWL will be used for this course. Please check this webpage regularly for announcements. A copy of the course outline will also be posted, as well as:

- **Lecture notes/class overheads** (some extra notes will be added to the overheads during class time, so you should come to every class to ensure that you obtain all the important notes)
- **Extra readings (for some topics) that will supplement your class notes**
- **Periodic announcements**
- **Sample/past exams/tests and solutions**
- **Important links** to web pages that cover other topics that you are responsible for
- **Written Report Information** (later in the term)

