

The University of Western Ontario – Department of Statistical and Actuarial Sciences
ACTUARIAL SCIENCE 2053
Mathematics for Financial Analysis -- 2017-18

Instructor **Sec**

Mid Term Exam

To be scheduled during the Christmas Exam period

Chapters 1, 2, 3, 4, 5, and part of chapter 6

- The midterm exam will cover all material from the first term, including material that was tested on Test 1. It will be a 3-hour exam that ma

Course OWL Web Page

The web page will contain:

1. A copy of this course outline
2. Copies of tests and exams from the previous year (with solutions)
3. Solutions to the exercises in the 8th edition of the textbook (as pdf files)
4. Weekly updates and information about the course that you need to know
5. **Daily class notes (which will be incomplete – to be**

Policy on e-mail communication

You are welcome to communicate with your instructor by e-mail, but e-mail communication should only be used to provide them with information or to ask a question that requires a brief response. For more lengthy discussions and for discussions on lectures/course material please see

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.

APPROXIMATE Weekly Course Outline:

Week – 2017	Section	
Sept 17-15	Accumulating/discounting simple interest (sect 1.1-1.2)	
Sept 18-22	Equations of value, partial payments, simple discount (section 1.3 to 1.5)	
Sept 25-29	Accumulating/discounting with compound interest, equivalent rates, fractional periods (section 2.1-2.4)	
In-class Quiz #1 – Wed/Thurs, September 27/28 at start of class		
Oct 2-6	Determining the time and interest rate, equations of value, changing rates, other applications (section 2.5 to 2.10)	
Oct 9-13	FALL break	
Oct 16-20	Ordinary annuities – accumulated value (section 3.1, 3.2)	
In-class Quiz #2 – Wed/Thurs, October 18/19 at start of class		
Oct 23-27	Ordinary annuities – present value (section 3.3)/ REVIEW	