

ACT 230 H1S Fall 2020, Mathematics of Finance for Non-Actuaries

(Version September 3, 2020: please monitor updates on Quercus)

Lecture Section	L0101
<i>Lecture times, location</i>	T 10:00 AM – 12:00 PM, Online - Synchronous
<i>Instructor</i>	Shehreen Zaman she.zaman@utoronto.ca
<i>Instructor's office hours, location (by appointment)</i>	T 1 PM – 2 PM (Online; by appointment only)
Tutorial Information	
<i>Tutorial times, location</i>	F10:00 AM - 11:00 AM, Online - Synchronous
	Tutorials will be used as TA office hours
<i>Course TAs</i>	
Chan, Ian Weng (Sophia)	ianweng.chan@mail.utoronto.ca
Wu, Hongda	hd.wu@mail.utoronto.ca
Yin, Yu	yinyusimon.yin@mail.utoronto.ca
Approximate Coverage	
<i>Approximate Coverage</i>	<i>S. Broverman's ACT230 Coursebook; 2019 or 2020 Edition</i>
Tuesday, September 15, 2020	1
Tuesday, September 22, 2020	2
Tuesday, September 29, 2020	3
Tuesday, October 6, 2020	Term Test 1 & Section 4
Tuesday, October 13, 2020	5
Tuesday, October 20, 2020	6
Tuesday, October 27, 2020	7
Tuesday, November 3, 2020	Term Test 2 & Section 8
Tuesday, November 10, 2020	9
Tuesday, November 17, 2020	10
Tuesday, November 24, 2020	Term Test 3 & Section 11
Tuesday, December 1, 2020	12
Tuesday, December 8, 2020	Course Review

Course Objective: Introduction to financial mathematics, interest measurement, present value calculation, annuity valuation, loan amortization, consumer financing arrangements, bond valuation. The course is aimed at a general audience who will not be continuing in the actuarial science program.

Recommended Calculator: Candidates may use the battery or solar-powered Texas Instruments BA-35 model calculator, the BA II Plus*, the BA II Plus Professional*, the TI-30Xa or TI-30X II* (IIS solar or IIB battery), or TI-30X MultiView (XS Solar or XB Battery).

Required Text: Below is links for purchasing access code for the ACT 230 Coursebook:

https://www.campusebookstore.com/integration/AccessCodes/default.aspx?bookseller_id=96&Course=STG+ACT230+COURSEBOOK&frame=YES&t=permalink

Term Tests and Marking Scheme:

Test 1 – October 6, 2020	20%
Test 2 – November 3, 2020	20%
Test 3 – November 24, 2020	20%
Final Exam	40%