

# **PENSION MATHEMATICS**

## **ACT 470H1**

**Howard J Lyons FSA FCIA**  
**January, 2015**

# PENSION MATHEMATICS (ACT 470H1)

## Course Outline

<b>Date</b>	<b>Week#</b>	<b>Description</b>
January 7	1	Intro to Pensions/Anderson ch. 1,2.1
January 14	2	Anderson ch. 2.2-2.6
January 21	3	Anderson ch. 2.7-2.11
January 28	4	Anderson ch. 3.1-3.5
February 4	5	Anderson ch. 3.6, 4.1-4.4
February 11	6	Anderson ch. 4.5-4.8
February 18		Reading Week
February 25	7	Mid Term Exam
March 4	8	Review of Mid Term
March 11	9	Anderson ch. 5/6
March 18	10	Anderson ch. 6/7
March 25	11	Review
April 1	12	Review

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## Course Readings

**Pension Mathematics for Actuaries (Third Edition), by A.W. Anderson, Chapters 1-7.**

## Grading Outline

<b>Assignments (2x10)</b>	<b>20%</b>
<b>Mid-term Exam</b>	<b>30%</b>
<b>Final Exam</b>	<b><u>at most 50%</u></b>
<b>Total</b>	<b><u>100%</u></b>

**There will be a third assignment/project that will be worth 10% and depending on your grade, will reduce the weight of the final exam.**