



# ACMA 475 Theory of Pension

Spring 2011  
Evening Course

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Students requiring accommodations as a result of a disability, must contact the Centre for Students with Disabilities 778-782-3121 or csdo@sfu.ca

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Instructor: Lori Satov (Vancouver)

## Prerequisite:

ACMA 320. Corequisite: ACMA 425. Cannot repeat for credit if taken as STAT 490 or ACMA 490.

## Textbook:

A Problem Solving-Approach to Pension Funding and Valuation, 2<sup>nd</sup> Ed., W.H.Aitken, 1996, Publisher: ACTEX Publications.

## References:

The Handbook of Canadian Pension and Benefit Plans, 2<sup>nd</sup> ed., 2002, Publisher: CCH Canadian Limited.  
Watson Wyatt, Canadian Pensions and Retirement Income Planning, 2006  
Morneau Sobeco, Handbook of Canadian Pension and Benefit Plans, 4<sup>th</sup> ed, 2008

## Calendar Description:

Overview of pension plans: design, funding, regulation, actuarial standards. Pension funding methods: actuarial cost methods, terminal funding method. Individual actuarial cost methods: accrual benefit cost method, entry-age actuarial cost method, credit method, individual-level-premium method, attachment-age-normal method. Group actuarial cost methods. Quantitative

## Grading Scheme:

Project – 25%  
Midterm – 35%  
Final – 40%

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Students should be aware that they have certain rights to confidentiality concerning the collection of course papers and the posting of marks. Please pay careful attention to the options discussed in class at the beginning of the semester. Students are reminded that Academic Honesty is a cornerstone of the acquisition of knowledge. Scholarly integrity is required of all members of the University. Please consult the General Guidelines of the calendar for more details.

Revised November 2010