



ACMA 490-3

Selected Topics in Actuarial Science: Theory of Pension

Spring 2006
EVENING COURSE

Students requiring accommodations as a result of disability, must contact the Centre for Students with Disabilities 604-291-3112 or csdo@sfu.ca

Instructor: Barbara Sanders

Prerequisites:

ACMA 425 or permission of the Department.

Textbook:

A Problem Solving-Approach to Pension Funding and Valuation, 2nd Ed., 1996, ACTEX Publications

Course Description:

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

Grading Scheme:

Class Participation – 10%
Midterm – 25%
Project – 25%
Final Exam – 40%

Students should be aware that they have certain rights to confidentiality concerning the return 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 2005