

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%