Actsc 633 Actuarial Risk Management

Syllabus

- The Actuarial Profession; context, stakeholders, the control cycle.
- External Forces: legislation, taxation, societal issues.
- The market: consumer needs, marketing, integration.
- Product design.
- Pricing.
- Asset and Liability valuation.
- Investments and investment management.

Notes: Actsc 633 and Actsc 634 together cover the learning objectives of subject CA1.

Textbooks: The course will draw from the textbook Understanding Actuarial Management, (Bellis, Shepherd and Lyon, eds), as well as professional standards, research papers, and material drawn from the SOA on-line learning modules ‘Fundamentals of Actuarial Practice’.

Contact Hours: 36 lectures, 10 tutorials.

Assessment: 65% final exam (unseen); 15% midterm exam (unseen); 20% project/assignments.