

## Actsc 634 Actuarial Practice 2

- Risk classification
- Actuarial models; model selection and designing solutions.
- Setting Assumptions
- Monitoring results.
- Risk management techniques; asset liability modelling and management.
- Economic capital and solvency.
- Monitoring experience

**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.