

Lecture 01 – Syllabus Objectives & Intro

UofT – ACT372H1S – Winter 2019
Carl Lussier and Sajjad Ahmad

This Course Objectives

- Introduction to ratemaking and reserving
 - Reference book: *Fundamentals of General Insurance Actuarial Analysis*, Friedland, J., 2013, Society of Actuaries
 - Will not prepare for the SOA or CAS exam
 - Will apply techniques and develop analyses on industry data
 - Will share similarities with Coop traditional assignments
- Evaluation
 - 30%/5% - ratemaking report 1 / presentation
 - 30%/5% - ratemaking report 2 / presentation
 - 30% - final exam

This Course Objectives (cont'd)

| Week | Chapters |
|--------|--|
| Jan 9 | Syllabus, Objectives, Recap of Claim Development & Overview of Ratemaking Process |
| Jan 16 | Written & Earned Premium/Exposure, Rate Change, Premium Trend, Exposure Trend (Ch. 11, 12, 26) |
| Jan 23 | Pure Premium, Severity & Frequency Trends (Ch. 7, 15, 25) |
| Jan 30 | Catastrophe & Large Claims, Credibility (Ch. 6, 30) |
| Feb 6 | Basic Ratemaking – Claim Ratio Approach (Ch. 31) and Expenses & Profits (Ch. 4.6, 29) |
| Feb 13 | Basic Ratemaking – Pure Premium (Ch. 31) |
| Feb 20 | Reading Week |
| Feb 27 | *** Present Ratemaking Results and Submit Ratemaking Report 1 |
| Mar 6 | One-way classification (Ch. 32) |
| Mar 13 | Deductibles & Increased Limits (Ch. 33) |
| Mar 20 | Minimum Bias and Glimpse at GLM |
| Mar 27 | Considerations for Proposed Changes: Competitors & Market Force, Regulators |
| Apr 3 | *** Present Ratemaking Results and Submit Ratemaking Report 2 |