

Module 1

Risk Management and Insurance Operations

Learning objectives will be integrated within the newly designed study material for the two modules. The CAS will provide the option to study the syllabus material through traditional delivery of a printed textbook as well as through the Internet. Each module will conclude with a two-hour, 75-question multiple-choice exam with a difficulty level that will be comparable to CPCU exams. The exam will be administered by computer-based testing. It is anticipated that the online content and textbooks will be available by January 1, 2011, and the computer-based tests will be available beginning in the Spring of 2011.

Materials requiring knowledge at a familiarity level have been placed in Module 1 that will cover the topics listed below.

A. Foundations of Risk Management and Insurance

- Risk
 - Understanding and quantifying risk
 - Loss exposures
 - Classification of risk
 - Financial consequences of risk
- Understanding risk management
 - Risk management benefits
 - Risk management program goals
 - Risk management process
- Risk control
 - Techniques
 - Goals
 - Loss frequency and severity
 - Business continuity management
 - Ethical considerations
- Risk financing
 - Risk financing goals
 - Retention and transfer
 - Selecting appropriating risk financing measures
 - Application of risk financing measures
- Insurance mechanism
 - Benefits of insurance
 - Functional, economic, financial, and social views of insurance
- Insurable risks
 - Commercial loss exposures
 - Personal loss exposures
 - Government programs

B. Insurance Operations

- Overview of insurance operations
- Insurance marketing
- Underwriting
- Underwriting property insurance
- Underwriting liability insurance
- Underwriting cycle
- The claim function

- Property claim adjusting
- Liability claim adjusting
- Reinsurance
- Actuarial control cycle
- Actuarial data management