



Fundamentals of Actuarial Science for Non-Actuaries

► Upcoming Sessions

26-30 Aug 2024	Dubai - UAE	\$5,950
25-29 Nov 2024	London - UK	\$5,950
30 Dec 2024-03 Jan 2025	London - UK	\$5,950

► Training Details

Training Course Overview

This training course is designed to provide non-actuaries with a comprehensive understanding of the fundamental principles and practices of actuarial science. Participants will gain insights into the role of actuaries, the types of work they perform, and the basic mathematical and statistical methods they use.

Training Course Objectives

By the end of this Anderson training course, participants will be able to:

- Understand the role and responsibilities of actuaries
- Learn basic actuarial principles and methods
- Gain insights into risk assessment and management
- Develop an understanding of actuarial applications in insurance, finance, and pensions
- Enhance decision-making skills with actuarial knowledge

Designed for

This training course is suitable to a wide range of professionals but will greatly benefit:

- Business professionals who interact with actuaries or actuarial reports
- Managers and executives in insurance, finance, and risk management
- HR professionals responsible for pension and employee benefits
- Anyone interested in gaining a foundational understanding of actuarial science

Learning Methods

This Anderson training course will utilize a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. The facilitator will provide interactive presentation that incorporates slides, videos, group discussion, and practical exercises to examine all aspects of the topic.

► Training Details

Day One: Introduction to Actuarial Science

- ▶ Welcome and Course Overview
- ▶ The Role of Actuaries: History and Evolution
- ▶ Actuarial Organizations and Certifications
- ▶ Basic Concepts in Actuarial Science
- ▶ Introduction to Probability and Statistics for Actuarial Work

Day Two: Risk Management and Insurance

- ▶ Understanding Risk: Types and Measurement
- ▶ The Principles of Insurance
- ▶ Actuarial Models in Insurance
- ▶ Case Studies in Insurance Risk Management
- ▶ Building a Simple Insurance Model

Day Three: Life and Health Insurance

- ▶ Life Insurance Products and Actuarial Considerations
- ▶ Health Insurance: Types and Actuarial Challenges
- ▶ Mortality and Morbidity Tables
- ▶ Actuarial Valuations for Life and Health Insurance
- ▶ Calculating Premiums and Reserves

Day Four: Pensions and Employee Benefits

- ▶ Pension Plan Types and Their Actuarial Implications
- ▶ Funding and Valuation of Pension Plans
- ▶ Regulatory Environment and Compliance
- ▶ Case Studies in Pension Management
- ▶ Actuarial Calculations for Pension Plans

Day Five: Financial and Investment Applications

- ▶ Actuarial Methods in Financial Risk Management
- ▶ Investment Strategies and Actuarial Considerations
- ▶ Derivatives and Actuarial Science
- ▶ Case Studies in Financial Actuarial Applications
- ▶ Course Review and Q&A
- ▶ Final Assessment and Certification

▶ The Certificate

Anderson Certificate of Completion will be provided to delegates who attend and complete the course.

▶ INFO & IN-HOUSE SOLUTION

For more information about this course, call or email us at:

Call us: +971 4 365 8363

Email: info@anderson.ae

Request for a Tailor-made training and educational experience for your organization now:

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