

Subject CA2 Model Documentation, Analysis and Reporting

Syllabus

for the 2009/2010 Examinations

1 June 2009

**The Faculty of Actuaries and
Institute of Actuaries**

Subject CA2 — Model Documentation, Analysis and Reporting Syllabus

Aim

The aim of this module is to ensure that the successful candidate can model data, document the work (including maintaining an audit trail), analyse the methods used and outputs generated and communicate the approach, results and conclusions.

Links to other subjects

Subject CA2 — Model Documentation, Analysis and Reporting requires the student to undertake a practical modelling assignment. This can be based on any of the Core Technical subjects CT1–CT8 and also uses the principles in Subject CA1 — Actuarial Risk Management and the communications development in Subject CA3 — Communications.

Previous related study

A student can apply to work through the module when they and their employer decide.

However, it is strongly recommended that the student has seriously attempted CT1–CT8 (gaining a pass, FA or FB) and has at least one year's work experience.

The student needs a working knowledge of computer based spreadsheets and word processing packages.

Objectives

The successful candidate will be able to demonstrate:

- analysis and summary of data
- development of a model with clear documentation (including an audit trail)
- ability to analyse the methods used and the model's outputs
- ability to apply and interpret the results

- communication of the approach, results and conclusions to a technical audience

End of Syllabus