



BCS REQUIREMENTS ENGINEERING

Requirements Engineering is a Practitioner Certificate from the BCS Professional Certifications portfolio (formerly ISEB Certifications). It is also one of an integrated set of courses leading to the widely respected Higher Certificate - the BCS Diploma in Business Analysis.

Requirements Engineering is a CORE module of the BCS Business Analysis Diploma.

REQUIREMENTS ENGINEERING

This course introduces you to the techniques for uncovering the requirements which will lead to a working, cost-effective solution. With the use of a supporting case study, this course defines the types of requirements, the people involved in the elicitation process, the techniques of requirements analysis and the ways of prioritising requirements. It also explores different knowledge types and appropriate techniques for handling these.

Course Objectives

This course will enable delegates to:

- Understand the requirements life cycle:
 - elicitation
 - analysis
 - management
 - validation
- Understand problems of deriving a clear and acceptable requirements document
- Understand how to manage an evolving requirements document
- Prepare for the BCS Certificate in Requirements Engineering

Who Should Attend

Those who are likely to become involved in gathering, documenting, managing and validating requirements to ensure that the project delivers the right system, including:

- Business Analysts and Systems Analysts
- Business Managers
- Developers
- Project Managers and Team Leaders
- Quality Assurance and Quality Control Managers

Course Duration: 3 days

Course Code: RE

Detailed Course Content

Lifecycle

Business plans and objectives

Nature, Problems and Hierarchy of Requirements

The business case and rationale

Terms of reference / project initiation

Functional requirements / non-functional requirements

General / technical requirements and service level agreements

Stakeholders in the Requirements Process

Project stakeholders

Business stakeholders

External stakeholders

Requirements Elicitation and Documentation

Terms of reference

Elicitation techniques

Requirements catalogue

Use of Models in Requirements Engineering

Developing a process / functional model

Reading a static (data) model

Knowledge Types

Tacit, semi-tacit

Non-tacit, taken-for-granted

(continued overleaf)

Pre-requisites, evening study and examinations

There are no pre-requisites for the course. Some evening work is required. Delegates sit a one-hour multiple choice examination at the end of the course. Successful candidates are awarded the BCS Certificate in Requirements Engineering. Some evening work is required during the course.



Detailed Course Content (continued)

Requirements Analysis

- Prioritising requirements
- Congruence with business objectives
- Overlapping and conflicting requirements
- Requirements ambiguity, realism / feasibility and testability

Requirements Management

- Stable and volatile requirements
- Management of change to requirements
- Traceability and ownership
- CASE for requirements specification

Benefits Confirmation

- Post-implementation review

Requirements Validation

- Prototyping, reviews, walkthroughs and inspections, sign-off

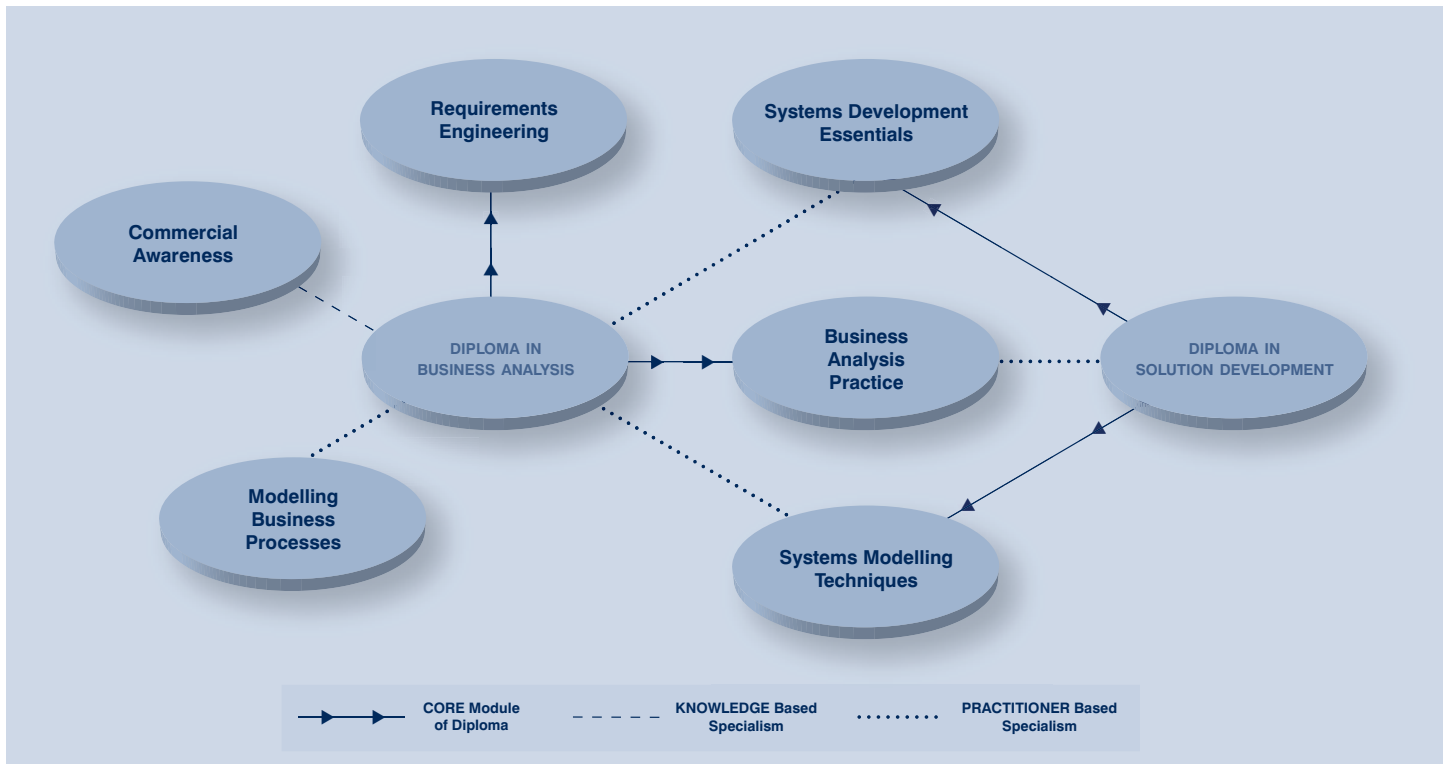
More Information

If you would like to discuss anything further, please email us at contact@tcc-net.com

For upcoming dates on our public schedule and prices, please visit our website at www.tcc-net.com

If you have four or more people to train and would like this course run in-house, please **call us** for further details.

Related TCC Training Courses



RE205