Software Testing Intermediate e-learning

ILX Group's accredited **BCS Intermediate certificate** in **Software Testing** is a fully interactive multimedia based course. The certificate is the next level of competency in **Software Testing** after the Foundation level and covers everything required by the **BCS** syllabus, with the emphasis on helping delegates to understand, remember and apply knowledge and applicable skills.

Achieving a pass in this certificate provides evidence that the candidate has proven analytical ability, having gained knowledge and practical skills in the key topics required for practising Software Testing.

BENEFITS

- ✔ An exam simulator which results in exceptional pass rates
- ✔ Increased retention of learning
- ✔ Less time taken to learn
- ✔ Increased control and visibility of progress and achievement
- ✔ Reduced travel costs

WHAT'S INCLUDED

- ✔ 12 months online access to our accredited Software Testing Intermediate course
- ✔ Full tutor support, via email and phone
- ✔ Mock exam revision tool

OPTIONAL EXTRAS

- ✔ The "Software Testing: An ISEB Intermediate Certificate" book
- ✔ Software Testing Intermediate exam: Valid for 12 months from purchase date.

Target Audience

The topics covered in this qualification are those which are considered by BCS, the Chartered Institute for IT, to be essential knowledge for a practising test professional, regardless of their specialism, for instance: Test Analysts, Test Team Leaders and Test Managers. Candidates must already hold the BCS Foundation Certificate in Software Testing.

Accreditation

The examination is a multiple choice examination incorporating scenario-based questions. A key aim of the examination is to provide candidates with an opportunity to think through the implications of the context of a question, rather than simply selecting from a choice of options so practical experience can be applied. The pass mark for the Intermediate Certificate exam is 60%.

MODULES

MODULE 1 – INTRODUCTION

MODULE 2 – FUNDAMENTALS OF TESTING

2.1 – Why is testing necessary?
2.2 – What is testing?
2.3 – General testing principles
2.4 – Application domains
2.5 – Expected results
2.6 – Exit, Completion, Closure or Acceptance criteria
2.7 – Fundamental test process
2.8 – The Psychology of Testing

MODULE 3 – TESTING THROUGH THE LIFECYCLE

3.1 – Software development models
3.2 – Test levels
3.3 – Functional and Structural Testing
3.4 – Non-functional System Testing
3.5 – Re-Testing and Regression Testing
3.6 – Maintenance Testing
3.7 – Test environment requirements

MODULE 4 – STATIC TECHNIQUES

4.1 – Reviews and the Test Process
4.2 – Phases of a Formal Review
4.3 – Static analysis using tools

MODULE 5 – TEST DESIGN TECHNIQUES

5.1 – Identifying test conditions and designing test cases
5.2 – Categories of test design techniques
5.3 – Equivalence Partitioning
5.4 – Boundary Value Analysis
5.5 – Decision Table Testing
5.6 – State Transition Testing
5.7 – Use case Testing
5.8 – Path Testing
5.9 – Statement Testing
5.10 – Branch / Decision Testing
5.11 – Error-guessing
5.12 – Exploratory Testing
5.13 – Test coverage
5.14 – Choosing Test Techniques

MODULE 6 – TEST MANAGEMENT

6.1 – Test Organisation
6.2 – Test management documentation
6.3 – Test Approaches
6.4 – Entry and exit criteria
6.5 – Test Estimation
6.6 – Test progress monitoring and control
6.7 – Configuration Management
6.8 – Risk and Testing
6.9 – Incident Management

MODULE 7 – TOOL SUPPORT FOR TESTING

7.1 – Types of test tool
7.2 – Effective use of tools: potential benefits and risks
7.3 – Introducing a tool into an organisation

MODULE 8 – EXAM SIMULATOR

FEEL CONFIDENT
ILX is a **Global Leader** in the provision of accredited digital and classroom-based education, with over **28 years**' experience and we proudly achieve a **96%** customer satisfaction rating*.

Service rating: Product rating: **feefo**
★★★★★ ★★★★★ 284 reviews

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Leading provider of Project, Portfolio & Programme Management Consulting & Training

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