

ISEB Intermediate Certificate in Software Testing

Course Description

This three day course follows on from the *ISTQB/ISEB Foundation Certificate in Software Testing* course and together with the *ISEB Practitioner Certificate in Test Management* and *ISEB Practitioner Certificate in Test Analysis* courses forms the higher level ISEB qualification.

The course contains exercises, practice exams and learning aids designed to cover all areas of the syllabus to assist the delegate in understanding and applying the concepts and techniques.

Course Objectives

To provide an understanding of software testing that goes beyond the Foundation level. It provides both test managers and test analysts with a level of knowledge that enables them to analyse practical situations and apply good practical solutions.

There are three main objectives:

- to provide a basis for those wishing to progress to the ISEB Software Testing Practitioner level in either or both Test Management and/or Test Analysis;
- to ensure that candidates for either of the higher qualifications have a broad understanding of the other specialisation;
- to cover specific activities that both specialisations should understand, such as perform reviews, identify product risks, estimate and monitor testing, select test techniques and gain an understanding of test coverage.

The Intermediate course covers Learning Objectives up to the Knowledge 4 level (analysis).

Who will benefit

This 3-day course is appropriate for Testers, Test Team Leaders, Developers, Development Managers, Business Analysts, and anyone wishing to gain the *ISEB Intermediate Certificate in Software Testing*.

Course Content

- **Testing Fundamentals**
This section contains a review of the Foundation syllabus and fundamental test process, a look at application domains and testing in different life cycles.
- **Reviews**
This section describes the principles of reviews. Different types of reviews are explained and how best to use them and assess their effectiveness.
- **Testing and Risk**
This section explains risk management (risk identification, risk analysis and risk mitigation) and the relationship between product risk and testing.

- **Test Management**
This section looks at test documentation (test policy, test strategy and test plans), entry and exit criteria for testing, different techniques for estimating testing, what to monitor in testing and the incident management process.
- **Test Analysis**
This section describes the relationships between the test basis (e.g. requirements), test conditions, test cases and test procedures. It covers test environment requirements, how to select test techniques (static and dynamic, scripted and unscripted). Different ways to measure and interpret coverage measures are explored.

The Exam

This course will provide the delegate with the necessary knowledge and skills to write the *ISEB Intermediate Certificate in Software Testing* exam. There are 25 scenario-based questions.

Course and exam dates can be found on our website: http://www.testdata.co.za/training_schedule_date.html

Information about the exams can be found on the British Computer Society (BCS) website: <http://www.bcs.org/server.php?show=nav.9629>

Course Details

- **Prerequisites**
The *ISTQB/ISEB Foundation Certificate in Software Testing* must be held by those wishing to take the Intermediate Certificate exam.
- **Course presentation and duration**
The course is presented by an experienced software testing practitioner who has been accredited by ISEB. The course duration is three days. It runs from 8:00 to 17:00. This includes a lunch and two tea breaks daily.
- **Training style**
The course is conducted in a classroom style. Candidates use practical tasks to consolidate theoretical concepts.
- **Course materials, certification and assessment**
Comprehensive course notes are provided. During the course several practical worksheets will be issued. These will assist candidates in their preparation for the final exam, which will be written on the last day of the course. The Intermediate Certificate is awarded to those who pass a written one hour multiple-choice exam which is set, moderated, marked and invigilated by the ISEB. On completion of this course, and passing the externally invigilated, ISEB-set examination, candidates receive the internationally accredited *ISEB Intermediate Certificate in Software Testing*.
- **Accreditation**
Test and Data Services is fully accredited by the British Computer Society to train this course and listed as an accredited training provider on the BCS website: <http://www.bcs.org/server.php?show=nav.9628>
- **Training venues**
Test and Data Services (Pty) Ltd presents courses at several well-established training facilities in Midrand (near Johannesburg and Pretoria), Cape Town and Durban. Training can be arranged at the client's premises depending on adequate facilities and candidate numbers. Training courses can also be provided internationally.

Contact

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