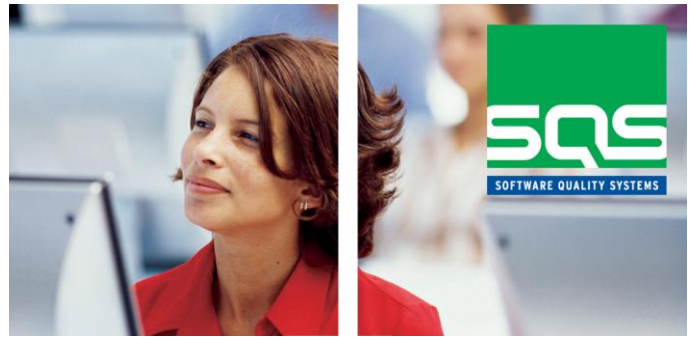


ISEB Practitioner Certificate in Test Analysis

ISEBP-TA

3 days plus exam



Course Overview

A three day course plus separate exam session.

The ISEB Practitioner Certificate in Software Testing is internationally recognised as an essential measurement for those wishing to advance their career within the software testing industry.

The ISEB Practitioner Certification in Test Analysis enables testers to specialise as a test analyst. This course leads to the ISEB Practitioner Certification in Test Analysis examination which provides essential knowledge and skills for test analysts.

The testing skills and knowledge acquired by attending this courses are applicable to the wide range of testing challenges that test analysts face on complex software testing projects.

Course Objectives

On completion of this course, attendees will have an advanced knowledge of the use of a wide variety of test analysis, test design techniques and how to specify and report on tests.

Attendees will also be fully prepared, and have the best possible chance to score highly, when sitting the ISEB Practitioner Certification in Test Analysis examination.

Who should attend?

Any test analyst, test team leader or test manager who wishes to advance their knowledge of test analysis and the use of test design techniques or prepare for the ISEB Practitioner Certificate in Test Analysis examination.

Prerequisites

Attendees of this course must hold the ISEB Intermediate Certificate in Software Testing to be eligible to sit the ISEB Practitioner Certificate in Test Analysis examination. SQS recommends attendees for the ISEB Practitioner in Test Analysis examination have had at least 18 months experience in software testing.

Related Certifications

- ISEB Foundation Certificate in Software Testing
- ISEB Intermediate Certificate in Software Testing
- ISEB Practitioner Certificate in Test Management

Recommended Follow-on Courses

Attendees that wish to deepen their understanding of test analysis, test design and test implementation further should consider the SQS course Practical Test Design and Applied Testing Techniques. Attendees wishing to achieve a practitioner level in all software testing disciplines should consider the ISEB Practitioner Certificate in Test Management.

Further Information

By presenting the information and exercises using real practical examples from SQS's extensive experience, as well as encouraging attendees to discuss their own experience, and by giving special attention to practice exam questions, attendees of this course will find that they have the best possible chance of scoring a high mark in the exam.



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Course Outline

This three day course follows the ISEB Practitioner Certification in Test Analysis syllabus:

Choices

- Influence of context
- Analysis of test basis
- Supporting activities

Testing in action

- Coverage and metrics
- Analysis of test output and preparation of a summary report
- Comparison of different approaches
- Advisory role of test analysis

Use of test techniques and test types

Specification-based (black-box) testing

- Equivalence partitioning
- Classification tree method
- Boundary value analysis
- Decision table testing
- State transition testing
- Use case testing
- Other specification-based test design techniques

Structure-based (white-box) testing

- Statement testing
- Decision testing
- Other structure-based test design techniques

Test types

- Reliability testing
- Usability testing
- Testing under load

Exam Format

The ISEB Practitioner Certificate in Test Management is a two hour exam and consists of six scenario based written questions of which four must be answered. The pass mark is 60%. A score of 80% and above will gain a distinction.

