

Test Estimation

SQS-TE

1 day



Course Overview

A one day course.

Testers never have enough time. But how long should we have to test? How long will enough testing take?

This course looks at current estimation techniques to aid accurate test estimation. The course covers the seven methods of estimation, with the positives and negatives for each method based on the experience SQS has gained over the years working in many industries.

Course Objectives

By the end of the course attendees, through instructor-led presentations, exercises and discussions, will be able to:

- Analyze risks to system quality to determine what should be tested - and to what degree - in a test subproject.
- Use seven methods to develop a time estimate for an example designed project.
- Sell the estimate to management on a cost-relative, risk-management basis.
- Adjust the estimated schedule and budget to fit project constraints without undermining accuracy or unduly increasing risk.

Who should attend?

This course is suitable for anyone who wants to gain an understanding of how to make test estimation work in their context.

Prerequisites

An understanding of test processes is required.

Related Certifications

None

Recommended Follow-on Courses

After completing this course attendees may consider Practical Test Planning or a formal certification path from ISEB or ISTQB.



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Course Outline

This one day course will cover:

- What you should test?
- How long will it take? Use the 7 estimation techniques to develop an estimate.

1. Algorithmic cost modeling
2. Expert judgement
3. Estimation by analogy
4. Parkinson's Law
5. Pricing to win
6. Top- down estimation
7. Bottom- up estimation

- Important considerations – What's an O.S.I.N.T.O.T?
- Refining the estimate
- Selling your estimate
- Adapting to project constraints – What to do when it goes horribly wrong



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