

Practical Software Testing Advanced

Course Description

This course takes up where the Practical Software Testing course's test design techniques left off. Students are shown advanced test design techniques. Students are provided with a theoretical framework as well as practical exercises in test design techniques.

Intended Audience

This course is intended for the serious Software Testing Analyst/Practitioner. The course is relevant to experienced testers, test analysts, test managers and business analysts.

Course Content

The course covers the following Software Test Design Techniques:

- Testability
- Use Cases
- Exploratory Testing
- Error Model Testing
- Pairs Testing
- Thinking Hats – Thinking About Testing
- Structural Testing
- Data Flow Testing
- State Transition Testing
- Data Warehouse Testing
- Test Process Improvement (TPI®) Analysis

Course Details

- **Prerequisites**
Previous experience in software testing is necessary. It is strongly recommended that students first attend the Practical Software Testing course.
- **Course presentation and duration**
The course is presented by an experienced software testing practitioner. The course duration is three days. It runs from 8:00 to 16:30. 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. Any testing-related problems encountered in the workplace can be discussed in the course.
- **Course materials, certification and assessment**
Comprehensive course notes are provided. Practical exercises, which are completed during the course, are handed in for evaluation. On successful completion of this course, the Test and Data Services' *Certificate in Practical Software Testing - Advanced* is awarded. The candidates' results will be displayed on their certificate.

- **Training Venues**

Test and Data Services 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.

Contact

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