This course takes up where the Practical Software Testing course’s test design techniques left off. Students are shown how to create effective tests quickly in an environment where there is little time to test and/or little requirements documentation. Students are provided with a theoretical framework as well as practical exercises to help implement good testing quickly. Examples are based upon mobile applications being developed in an Agile life-cycle.

The course covers the following Software Test Approaches and Techniques:

- **Requirements**
  Creating something from nothing, how to create testable requirements

- **Responding to Change**
  A model to help testers better respond to rapid change

- **Habits of a Highly Effective Tester**
  A set of habits that will help testers to remain current

- **Pairs Testing**
  This technique is aimed at significantly reducing the number of tests required while increasing effectiveness of finding defects

- **Path Testing Revisited**
  How to visually map the system under test and show test coverage

- **State Transition Testing**
  Creating tests that are useful for workflows and navigations

- **Using Checklists**
  Creating sets of regression tests that can be used to address change
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.

TRAINING VENUES
iLAB Training 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.

COURSE 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 in teams where collaboration is encouraged. Any testing-related problems encountered in the workplace can be discussed in the course.

TESTING WITH MIND MAPS
Mapping and noting test ideas that foster collaboration with different roles in teams

THINKING HATS
Thinking About Testing – How to get solutions to problems quickly

EXPLORATORY TESTING
Testing that meets stakeholders concerns in a short period

COURSE PREREQUISITES
Previous experience in software testing is necessary. It is strongly recommended that students first attend the Practical Software Testing course.