



Practical Software Testing

COURSE LEVEL: BEGINNER

INTENDED AUDIENCE

This course will be of significant value to testers who have 3 months or more testing experience, test analysts, test managers who have not yet earned the qualification, business analysts, and developers.

COURSE DURATION

The course is presented by an experienced software testing practitioner. The course duration is four days with an exam.

TRAINING STYLE

The course is conducted in a virtual classroom style. Candidates use practical tasks to layer theoretical concepts. Comprehensive and accredited course materials, certification and assessment. Comprehensive course notes are provided. Candidates will be given exercises, practice exams and learning aids to assist in preparation for the final exam.

TRAINING VENUES

iLAB Training is virtually presented globally.

COURSE OVERVIEW

This course explains the fundamentals of software testing. It will provide a theoretical framework and demonstrate how to practically implement software testing techniques. This course will explain how the testing process works and how it should be implemented. Candidates will gain an understanding of the different terminology involved in software testing and how each fit into the development of software. In addition, each candidate is supplied with guidelines on how to improve testing effectiveness in their work environment.

COURSE CONTENT

The course covers the following areas:

- **REVIEWS:** Reviews are one of the most powerful techniques in software testing yet are seldom used due to the frequent underestimation of their cost-saving effect. Candidates will be taught how to use reviews and shown how to apply them for maximum effect.
- **REQUIREMENTS MANAGEMENT:** Candidates will learn the proper process for identifying, prioritizing, and tracking the status of testable requirements. This process greatly enhances test management planning, design, execution, and reporting.
- **TESTING TECHNIQUES:** Candidates will learn a variety of techniques that will allow them to select and design effective tests. This skill enables testers to find the most serious faults in the shortest time.
- **DEFECT MANAGEMENT:** Defect management allows testers to effectively track faults and provides them with the techniques necessary to provide management with insightful reports. These reports include measures that show when testing on a project is no longer cost-effective. In addition, defect classification, analysis, and metrics are discussed, and practical conclusions are drawn from these.
- **TESTING TYPES:** This course will cover various verification and validation testing types when each should be used and how they should be implemented.
- **OTHER AREAS:** The course also covers other areas, such as software development lifecycles, constructing test cases, test execution, and helpful tips and tricks to implement in their business environment.

COURSE PREREQUISITES

Previous experience in software testing is not necessary; however, general knowledge of the information technology industry is an advantage.

MORE INFORMATION

As the leader in independent software quality assurance and testing for over two decades, our training has helped thousands of testers and managers launch their careers into the next level! We offer a wide variety of courses at initial, intermediate and advanced levels. Our courses range from one to five days in duration and, depending on the facilities and number of candidates, can be arranged at your location.

