

In-house training

Improve provides this training in house and tailored to your specific situation or needs upon request. For further information please contact us at +31 40 - 202 1803 or opleidingen@improveqs.nl.

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Learn the basic principles and techniques to test mobile apps.

CMAP® Certified Mobile App Professional

Improve your knowledge and skills in the area of Mobile App Testing based on an international standard.

On all registrations and courses our general and additional conditions apply:
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CMAP[®]

Certified Mobile App Professional

An internationally recognized standard in Mobile App Testing

With increasing frequency corporations offer services by mobile apps instead of the formerly usual desktop applications. At the same time clients and users become more critical on quality. A “zero tolerance” attitude towards shortcomings applies to a lot of apps.

Both in development and testing of mobile apps we face new challenges. There are platforms like iOS, Android, RIM and Windows. There are sometimes a lot of versions for each platform. Not to mention the many hardware configurations. Our smartphones have become full-size computers on which many applications run side by side, and a lot of these applications do have strict quality requirements.

What are the consequences for the test approach? Which things do testers have to take into account and what kind of problems can they expect? How can they be sure that they are fast enough? Because the speed in which both hardware configuration, software configuration and new app versions are generated is fiercely fast.

After this training:

- You can (re)arrange existing test processes for testing mobile apps ;
- You can support reviews of requirements for mobile apps;
- You can contribute to improvements of the user experience by profound knowledge of usability;
- You can select and apply appropriate test methods including the application of tools which are unique for mobile technology.

Who should attend this training?

The training is suitable for you if you are a professional in the field of software testing.

Roles of participants in their organization

This training is meant for:

- Testers
- Test analysts
- Test designers
- Test managers
- Managers.

Prior knowledge or training required

No specific training of knowledge required. An [ISTQB Certificate in Software Testing at Foundation Level](#) or two years testing experience is recommended.

Program

Structure of this training

The duration of the course is two days. The focus is on getting to know the architecture of mobile apps and the typical challenges of testing them. Also there will be paid attention to the differences between the testing of conventional applications and mobile apps. During the exercises laptops and smartphones will be used. It's expected that the participants bring these with them.

The multiple choice exam is taken at the end of the course.

Course outline

Day 1

- The world of mobile apps
- Business models
- Architecture of mobile apps
- Challenges of mobile app testing
- Differences between testing mobile apps and conventional applications
- Emulators and simulators

Day 2

- Mobile application test types
- Test process and strategy
- Test design techniques
- Experience based techniques
- Test automation approach
- Test automation tools
- Test environment and test lab

Exam

- 60 minutes, 40 multiplechoice questions in English