ASTQB Certified Mobile Tester – Foundation Level

This 2-day course is aimed at anyone wishing to attain the ASTQB® Mobile Tester qualification. This qualification builds upon the Foundation syllabus and provides essential skills for all mobile testers.

A mobile app is a software application designed to run on mobile devices such as smartphones and tablet computers. Most such devices are sold with several apps bundled as pre-installed software, such as a web browser, email client, calendar, and an app for buying music or other media. Mobile applications are becoming part of our every day lives and many organisations are developing applications to run on mobile devices to complement their desktop applications.

This course will give the Mobile Tester the knowledge skills needed to test mobile applications and to understand the differences and similarities in testing mobile applications to conventional applications. Also explained are the differences between native, web and hybrid applications.

The course is highly practical addressing the following areas:

- **Introduction to Mobile Testing**
  This section looks at what mobile apps are and the challenges that face the tester when testing native, web and hybrid apps. It also explains the necessary skills and equipment that are required to adequately test mobile applications.

- **Test Planning and Design for Mobile Apps**
  This section focuses on how we should plan and design tests for mobile applications, assessing coverage goals and determining the test approach for each mobile project. The section also looks at how quality risks differ in mobile projects and the type of risks to identify early in the lifecycle.

- **Quality Characteristics for Mobile Testing**
  Functional testing is important in all applications including mobile apps. Specific tests to consider include testing for correctness, accuracy, security and interoperability. Non-functional testing for mobile applications becomes even more important. Testing characteristics such as performance, usability, portability and reliability will be discussed.

- **Environments and Tools for Mobile Testing**
  There are many tools available to specifically assist with the testing of mobile apps/devices and these will be applied. Generic tools might also be applicable depending on the type of environment being used; real devices, simulators, emulators and the cloud.

- **Future-Proofing**
  Mobile devices have become part of everyday life whether it be a smartphone, tablet or wearable device. The future for mobile applications is only going to grow and expectations from customers are becoming higher. Testing needs to consider the future, having a good testing architecture, which allows future growth and efficient maintenance.

The ASTQB Mobile Tester - Foundation Level exam is a 1-hour, 40 question multiple-choice exam. The pass mark is 65% (26/40). It is recommended that attendees hold the ISTQB Foundation Level certificate, especially if they intend to take the ASTQB Mobile Tester exam, but non-certificate holders can benefit from the course and take the exam.

*Note: ASTQB is the American Software Testing Qualification Board. This is a member board of ISTQB. Currently ISTQB are looking at creating a Mobile Tester Qualification but this will not happen in the near future. Since the ASTQB Mobile Tester resembles the ISTQB syllabus format, it is anticipated that ISTQB might adopt the ASTQB syllabus as its own. With this in mind and because of the demand for this qualification, Lloyd Roden Consultancy Ltd has decided to offer the ASTQB Mobile Tester qualification. This course was accredited by the ASTQB in March 2017. The course follows ASTQB Mobile Tester Syllabus 2015.*