MORE ABOUT THE CERTIFIED MOBILE TESTER (CMT) – THE NEW MOBILE TEST CERTIFICATION FROM ASTQB

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WWW.RICECONSULTING.COM

AGENDA

1. Why This Certification Was Developed

2. State of Mobile Testing Today

3. The Value of the Certification

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6. About the Exam

7. How You Can Prepare For the Certification

8. Your Questions

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DISCLAIMER

- **These are my statements and opinions, not necessarily those of the ASTQB.**
  - I am a director on the board of the ASTQB
  - I am also an accredited training provider through ASTQB

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WHY THIS CERTIFICATION WAS DEVELOPED

- **The market (especially in the USA) has a need for a Mobile Tester Foundation Level syllabus and certification.**
  - This certification is foundational in nature – not advanced.
  - However, there is a good deal of depth in the material.
- **The ASTQB has developed this certification:**
  - To control the content
  - To control the quality of the exam
  - To meet the needs of testers that need to build skills in mobile testing
  - To build on the knowledge from the Foundation Level certification

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Details About the ASTQB Mobile Tester Certification

WHERE THIS CERTIFICATION FITS

- There are multiple types of certifications out in the world (including some for mobile).
- The new syllabus is added to ASTQB existing ISTQB and IQBBA offerings.
- The ASTQB has a strong reputation for quality and experience with creating syllabi and exams.
- The new CMT syllabus is ASTQB-developed and reviewed by an international community.

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ASTQB LEADERSHIP IN SYLLABUS DEVELOPMENT

- ISTQB Foundation – Authors
- ISTQB ATA – Chair, authors
- ISTQB ATTA – Authors
- ISTQB ATM – Chair, authors
- ISTQB Expert TM – Chair, authors
- ISTQB Advanced Test Automation – Chair, authors
- ISTQB Advanced Security – Chair, authors
- IQBBA – Contributing editor

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STATE OF MOBILE TESTING TODAY

- **The pace of mobile technology is very fast.**
    - Testers often struggle to keep up.
- **Mobile is not future – it is now.**
    - It has been in motion for over 15 years. I gave my first presentation on testing mobile applications in 2001 in Seattle at a QAI conference!
- **Many organizations lack a mobile testing strategy that effectively integrates people, techniques, tools and processes.**
- **There are far too many 1-2 star apps on the market.**
- **A company can gain or lose customers based on its mobile app.**
- **There are some great tools and great techniques.**

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EXAMPLES

Average Rating: ★½☆☆☆ 96 Ratings

Click to rate: ★ ★ ★ ★ ★

★★★★★	7
★★★★	4
★★★	4
★★	9
★	72

beware of this app - avoid ★☆☆☆☆
by **goodbilly** – Feb 14, 2016

First of all, no passbook intergration. It's 2016, get it together. Actually, I just purchased a ticket but there's no eticket listed or displayed for it. I guess I have to go to another computer and print it out? Half of the app just redirects you to thier mobile site so this app is part mini browswer in desiguse. Had to log in twice! Once initaly when opening the app, then a second time when purchasing a ticket. After purchasing a ticket I got an error, it stated to go back and start over. This part of the app redirects you to thier mobile website so 'going back' entailed hitting the back button mutiple times. There's no home button in that part of the app. PayPal was charged, and there was no flight listed . I had to log out/log back in for the app to update with my info. Really? Garbage.

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EXAMPLES (2)

Ridiculously horrible ★☆☆☆☆
by AustinGal45 – Feb 21, 2016

Checked in on app and could get one boarding pass to my phone and the next lag could not get the other boarding pass and got an error message each time. Travel every week but not with█████████and other airlines never have this problem. Called technical customer support and The answer was"I don't know ". Helpful. The app is clunky and that clear to find anything. One of the many reasons I no longer fly ███████ and unless I absolutely have to.

Worst airline app ★☆☆☆☆
by Blake (Platinum Flyer) – Mar 2, 2016

I have actually found myself booking other airlines as this app is so bad. Every other airline app allows me to pick my outbound and return flights separately. ██ has decided I am not competent enough to do this myself. As a result they force me into some combination of flight times that don't work for me. This is the point where I close the app and open Delta, Southwest, or anyone who respects my right to chose my own flight plan.

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EXAMPLES (3)

●●●○○ AT&T LTE · 11:54 AM

Cancel · **Add Credit Card** · Save

Card Number · 99999099099999999999
Name on Card · Randall Rice
Card Nickname · test

Done

10 · 209
11 · 2010
12 · 2011

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MOBILE USAGE IS BECOMING MISSION CRITICAL AND SAFETY CRITICAL

- **Mobile technology is not just for texting, gaming, shopping and Facebook.**
- **First Responders and medical professionals are relying on mobile more.**

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THE VALUE OF THE CERTIFICATION

- **Helps testers keep up with the latest and greatest testing opportunity – mobile.**
- **A way to build knowledge about mobile testing**
  - You will learn a wide variety of techniques for testing mobile applications.
  - You will learn about the risks and challenges of mobile technology.
  - And…you will learn how to leverage mobile technology for your benefit.
- **Establishes a baseline of common knowledge and terminology for mobile testing**
- **Builds credibility of testers**
- **Shows a specialty area of knowledge in mobile testing**

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THE ROLE OF THE ISTQB

- The ISTQB is the international governing body of which ASTQB is a national board.
- The great majority of syllabi are initiated and approved by the ISTQB.
- However, national boards do have the latitude to develop their own certifications.

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ABOUT THE EXAM

- 40 multiple choice questions
- 1 hour
- Cost - $150 USD
- Available at Kryterion Exam Centers, in-house, or in public courses
- There are no certification pre-requisites.

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Details About the ASTQB Mobile Tester Certification

WHAT IS COVERED

- **Chapter 1 – Introduction to Mobile Testing (75 mins.)**
- **Chapter 2 – Test Planning and Design (60 mins.)**
- **Chapter 3 – Quality Characteristics for Mobile Testing (290 mins.)**
- **Chapter 4 – Environments and Tools (285 mins.)**
- **Chapter 5 – Future-Proofing (135 mins.)**

An important distinction is that the focus of this syllabus is on testing mobile applications, not the mobile device itself.

The *interactions* between mobile applications and mobile devices *are* covered.

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HOW YOU CAN PREPARE FOR THE CERTIFICATION

- **Training is not required, but will be offered.**
- **Self-study from the syllabus and publications is possible.**
  - Just go to www.astqb.org and search on "Mobile"
- **E-learning and courses are also available.**
- **Upcoming training opportunities from Rice Consulting:**
  - Public course on Testing Mobile Applications - April 19 – 20 in Irving, TX
    - Exam will be given at the end of the 2nd day.
    - http://randallrice.blogspot.com
  - My e-Learning course will be available next week.
    - https://www.mysoftwaretesting.com
  - Accreditation of the course is in process.

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Details About the ASTQB Mobile Tester Certification

BIO - RANDALL W. RICE

- Over 35 years experience in building and testing information systems in a variety of industries and technical environments
- ISTQB Certified Tester – Foundation level (CTFL), Advanced Level (CTAL) Full
- ASTQB Certified Mobile Tester (CMT)
- ISTQB Foundation Level Agile Tester (CTFL-AT)
- Director, American Software Testing Qualification Board (ASTQB)
- Chairperson, 1995 - 2000 QAI's annual software testing conference
- Co-author with William E. Perry, *Surviving the Top Ten Challenges of Software Testing* and *Testing Dirty Systems*
- Principal Consultant and Trainer, Rice Consulting Services, Inc.
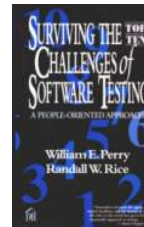
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