

ISTQB 2018 Foundation Syllabus

What's changed

John Young
August 15th, 2018

Who I am

- **John Young**, Principal Trainer at TSG Training
- 30 years IT Experience, including 20 as a trainer;
- Member of ISTQB and accredited trainer of that scheme



Ably supported by

Bernard Melson, Managing Director and Owner of TSG Training;

Debbie Archer, Managing Director of iSQI UK



Agenda

What has changed: high level summary

Minimum teaching time

Learning objectives

Course content

Mini-lesson: Boundary Value Analysis using 2 value & 3 value approaches

Summary and questions

What has changed?



More time allocated
to classroom teaching

+ 2.33 HRS

LEARNING OBJECTIVES

Fewer learning
objectives

-22 LOs

Certified Tester
Foundation Level Syllabus

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0 Introduction.....	
0.1 Purpose of this Syllabus	
0.2 The Certified Tester Foundation Level in Software	

More explicit detail added
mainly subtle changes
but there are some
significant additions
and removals

**SILENCE
PLEASE
EXAMINATION
IN
PROGRESS**

Same format
Same duration
Same number of
questions

Minimum teaching time

More learning time, but still a 3 day course with the exam on day 3

	2011	2018	
Fundamentals of testing	155 mins	175 mins	+20 mins
Testing in the software development lifecycle	115 mins	100 mins	-15 mins
Static testing	60 mins	135 mins	+75 mins
Test techniques	285 mins	330 mins	+45 mins
Test management	170 mins	225 mins	+55 mins
Tool support for testing	80 mins	40 mins	-40 mins

14.4 HRS 16.75 HRS

+ 2.33 HRS

Learning objectives

Fewer examinable learning objectives

	2011 syllabus - learning objectives					2018 syllabus - learning objectives					
	K1	K2	K3	K4	Total	K1	K2	K3	K4	Total	
Fundamentals of testing	3	9	-	-	12	2	11	-	-	13	+1
Testing in the software development lifecycle	4	8	-	-	12	2	6	-	-	8	+4
Static testing	4	5	-	-	9	2	5	1	-	8	-1
Test techniques	2	10	7	1	20	-	8	4	-	12	-8
Test management	10	12	2	-	24	4	9	2	-	15	-9
Tool support for testing	4	3	-	-	7	5	1	-	-	6	-1
Total	27	47	9	1		15	40	7	0		
						-12	-7	-2	-1		

Course content

Still focussed on the same key topics

Chapter 1 – Fundamentals of testing

More detail on test objectives test processes and testing work products – some details moved here from chapter 4

Chapter 2 – Testing throughout the software development lifecycle

More detail on iterative/incremental development models also test levels, their objectives and typical defects found

Chapter 3 – Static testing

More detail on work product review process plus a new K3 objective related to applied reviews – static analysis removed

Chapter 4 – Test techniques

More detail on black box techniques, white box techniques reduced from K3 to K2 plus addition of a new experience based technique

Chapter 5 – Test management

Less detail on test planning and estimation, more detail on metrics and test reporting

Chapter 6 – Tool support for testing

Less detail on test tool categories, new details on benefits, risks and effective use of tools

Mini-lesson Boundary Value Analysis

Part 1 – 2 value approach

An input field accepts a 3 digit integer value as an input, using a keypad to limit inputs so that non-integer inputs are impossible. The valid range is from 1 to 500, inclusive.

Two-points per boundary

- The boundary value of a specific partition
- The nearest boundary value of the adjacent partition

Mini-lesson Boundary Value Analysis

Part 3 – 3 value approach

An input field accepts a 3 digit integer value as an input, using a keypad to limit inputs so that non-integer inputs are impossible. The valid range is from 1 to 500, inclusive

Three-points per boundary

- The boundary value of a specific partition
- The value just below the boundary
- The value just above the boundary

Recap



More time allocated
to classroom teaching

+ 2.33 HRS

LEARNING OBJECTIVES

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objectives

-22 LOs

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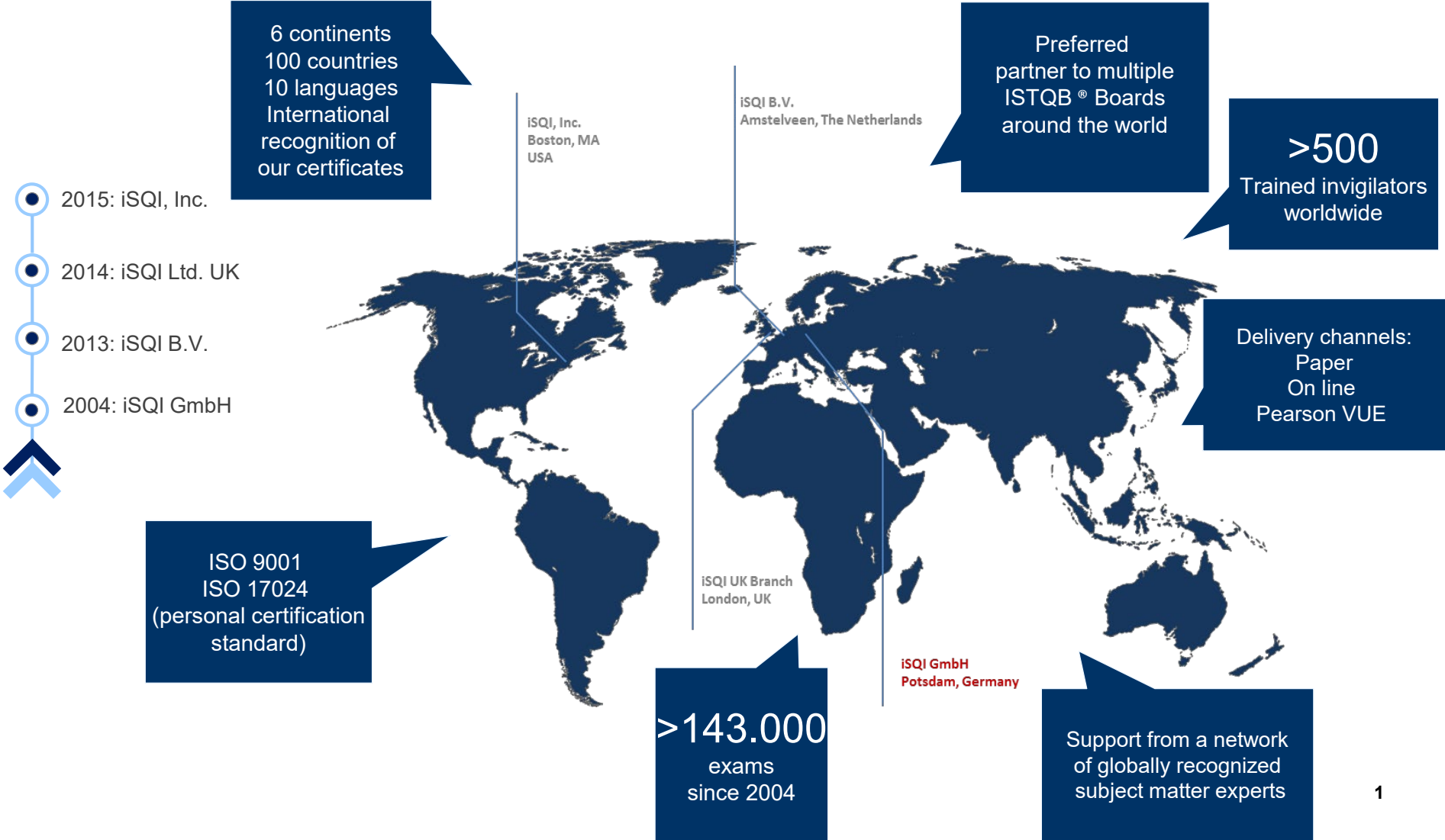
**SILENCE
PLEASE
EXAMINATION
IN
PROGRESS**

Same format
Same duration
Same number of
questions

Any Questions?

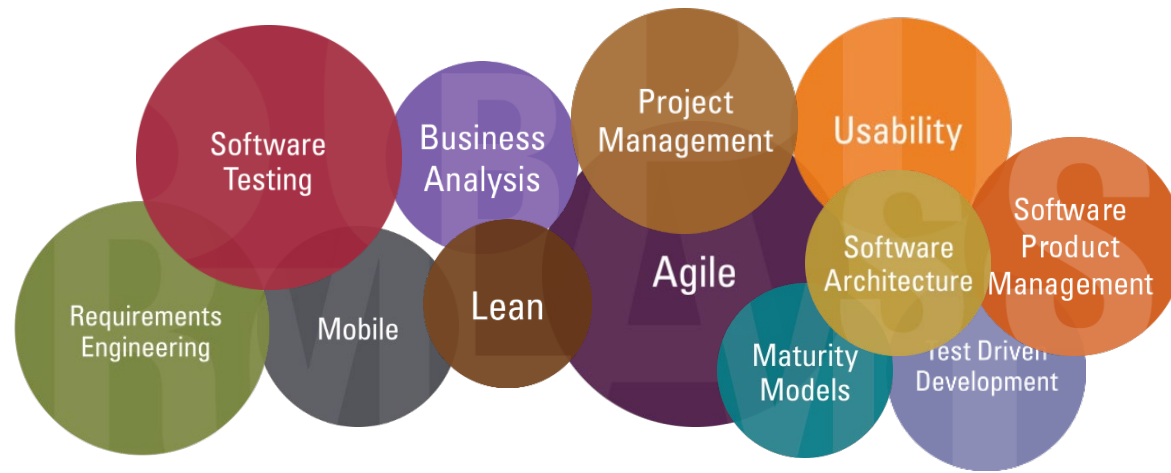


iSQI facts and figures

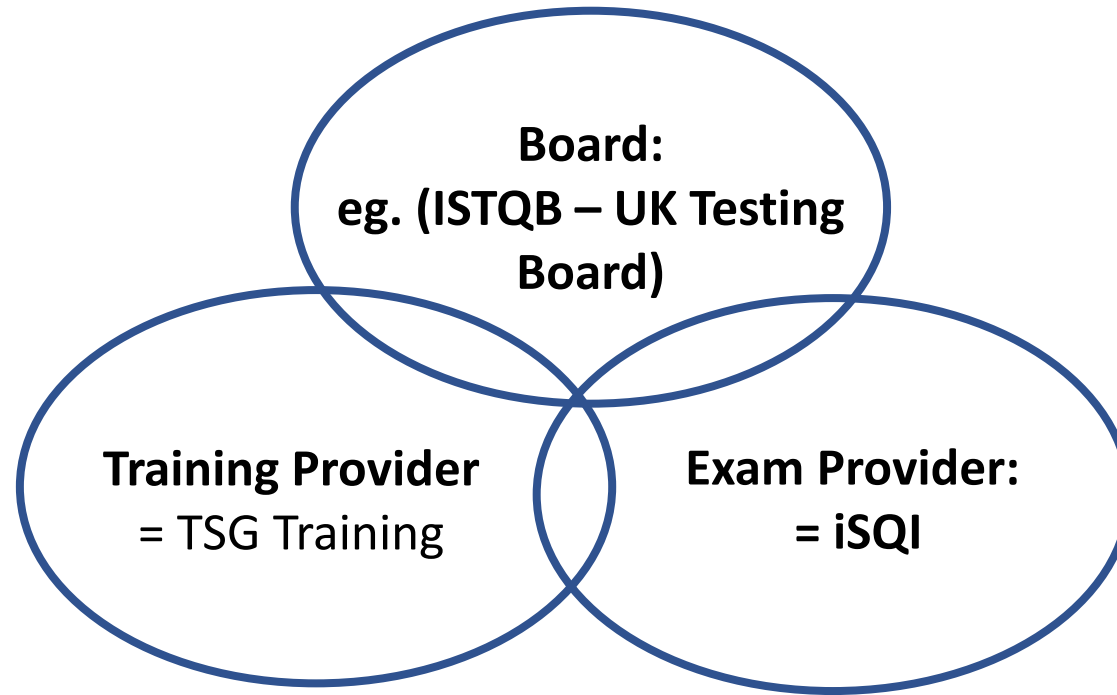


What do iSQI offer?

- > 35 vender neutral, industry focused certifications
- Exam Provider to international qualification boards e.g. ISTQB®, TMMi Foundation, IREB® UXQB®,
- Focus on what the market is asking for e.g. Selenium – practical and “job ready”
- iSQI’s own certifications – Agile, Scrum Master Pro, Mobile App Tester
- ISTQB® exams are available, including Foundation Level 2018
- Exams available paper and on-line public and after *accredited* training
- Exams available via Pearson VUE globally (<http://www.pearsonvue.com/isqi/>)
- Work with our partners to offer corporate solutions to help you to develop your people
- www.isqi.org (Scroll down for syllabi, practice exams, glossaries!)



How does it work?



Check out the credentials!

- For ISTQB® - always look for an accreditation from the ISTQB® in the UK Testing Board:



- *TSG Training ✓*

- Look out for iSQI Finest Partner:



- *TSG Training ✓*

Thanks to you, Bernard and Debbie for participating – we hope to see you soon on the ISTQB Foundation course or maybe the ISTQB Foundation Level Agile Tester extension

Want to know more?

Please contact us at enquiries@tsg.training.co.uk

Or see our website, www.tsg-training.co.uk