

# CERTIFIED TESTER FOUNDATION LEVEL IN SOFTWARE TESTING

International Software Testing Qualifications  
Board (ISTQB®) Training & Certification

# ABOUT BMAK

- ❑ Founded in 2017 and headquartered in Ontario, Canada
- ❑ 5 years experience in providing high quality Training, Consulting and IT solutions to clients locally and globally
- ❑ Our growing list of established clients represents areas in Law, Banking, Electric Utility, Information Technology/Project Management and Healthcare to name a few
- ❑ To date our client base are located in:
  - Canada
  - Trinidad & Tobago
  - St. Vincent
  - Guyana
  - Barbados & other Caribbean countries
- ❑ With over 300 course offerings, we provide eLearning solutions for anyone, everywhere
- ❑ Our courseware is flexible, affordable and relevant in todays business environment

# ABOUT ISTQB®

- ❑ ISTQB® International Software Testing Qualifications Board is the world's leading organization for Certification of Professionals in Software Testing
  - ❑ Is a non-profit association
  - ❑ Founded 2002 and headquartered in Belgium
  - ❑ Has its own constitution, rules and regulations
  - ❑ Is made up of volunteers from international testing experts
  - ❑ Responsible for the “ISTQB® Certified Tester” scheme worldwide
  - ❑ Is the world's leading organization for Certification of Professionals in Software Testing
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# WHO IS THIS TRAINING FOR?

The 2018 Foundation Level qualification is suitable for anyone who needs to demonstrate practical knowledge of the fundamental concepts of software testing especially those in the following roles:

ROLE						
Testers	Test Analysts	Test Engineers	Test Consultants	Test Managers	User Acceptance Testers	Software Developers

This training is also appropriate for individuals who need a basic understanding of software testing including those who are:

ROLE					
Project Managers	Quality Managers	Software Development Managers	Business Analysts	IT Directors	Management Consultants


# WHAT'S COVERED

ISTQB® Foundation Level testing is relevant across software delivery practices including Waterfall, Agile, DevOps and Continuous Delivery methodologies

## ISTQB® - FOUNDATION LEVEL

Fundamentals of Testing	Testing Throughout the Software Development Lifecycle	Static Testing	Test Techniques	Test Management	Tool Support for Testing
What is Testing?	Software Development Lifecycle Models	Static Testing Basics	Categories of Test Techniques	Test Organisation	Test Tool Considerations
Why is Testing Necessary?	Test Levels	Review Process	Black-box Test Techniques	Test Planning and Estimation	Effective Use of Tools
Seven Testing Principles	Test Types		White-box Test Techniques	Test Monitoring and Control	
Test Process	Maintenance Testing		Experience-based Test Techniques	Configuration Management	
The Psychology of Testing				Risk and Testing	
				Defect Management	

# WHAT YOU WILL LEARN

- ❑ Contribute effectively in reviews
  - ❑ Use established techniques for designing tests at all test levels
  - ❑ Interpret and execute tests from given test specifications. Report on test results.
  - ❑ Write and communicate clear and understandable defect reports
  - ❑ Understand the project factors that drive the test priorities and test approach
  - ❑ Appreciate how testing activities and work products align with project objectives, measures and targets
  - ❑ Assist in the selection and implementation process of testing tool
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# BUSINESS BENEFITS

- ❑ Understand the value that software testing brings to stakeholders
- ❑ Promote efficient and effective communication by using a common vocabulary for software testing
- ❑ Understand fundamental concepts of software testing
- ❑ Demonstrate understanding of how different development and testing practices, and different constraints on testing, may apply in optimizing testing to different contexts
- ❑ Understand test management principles for resources, strategies, planning, project control and risk management

# WHY ISTQB® CERTIFICATION?

- ❑ International Software Testing Qualifications Board (ISTQB®) is the world's leading organization for Certification of Professionals in Software Testing
- ❑ Professional development; certification never expires nor require renewal
- ❑ ISTQB® has defined the "ISTQB® Certified Tester" scheme that has become the world-wide leader in the certification of competencies in software testing
- ❑ Certified professionals gain international recognition of acquired competencies and skills
- ❑ Common understanding of established testing concepts, fundamental test process, test approaches and principles to achieve test objectives
- ❑ Benefits of designing and prioritizing tests: use established techniques that analyses both functional and non-functional specifications
- ❑ Ability to execute tests according to official test plan

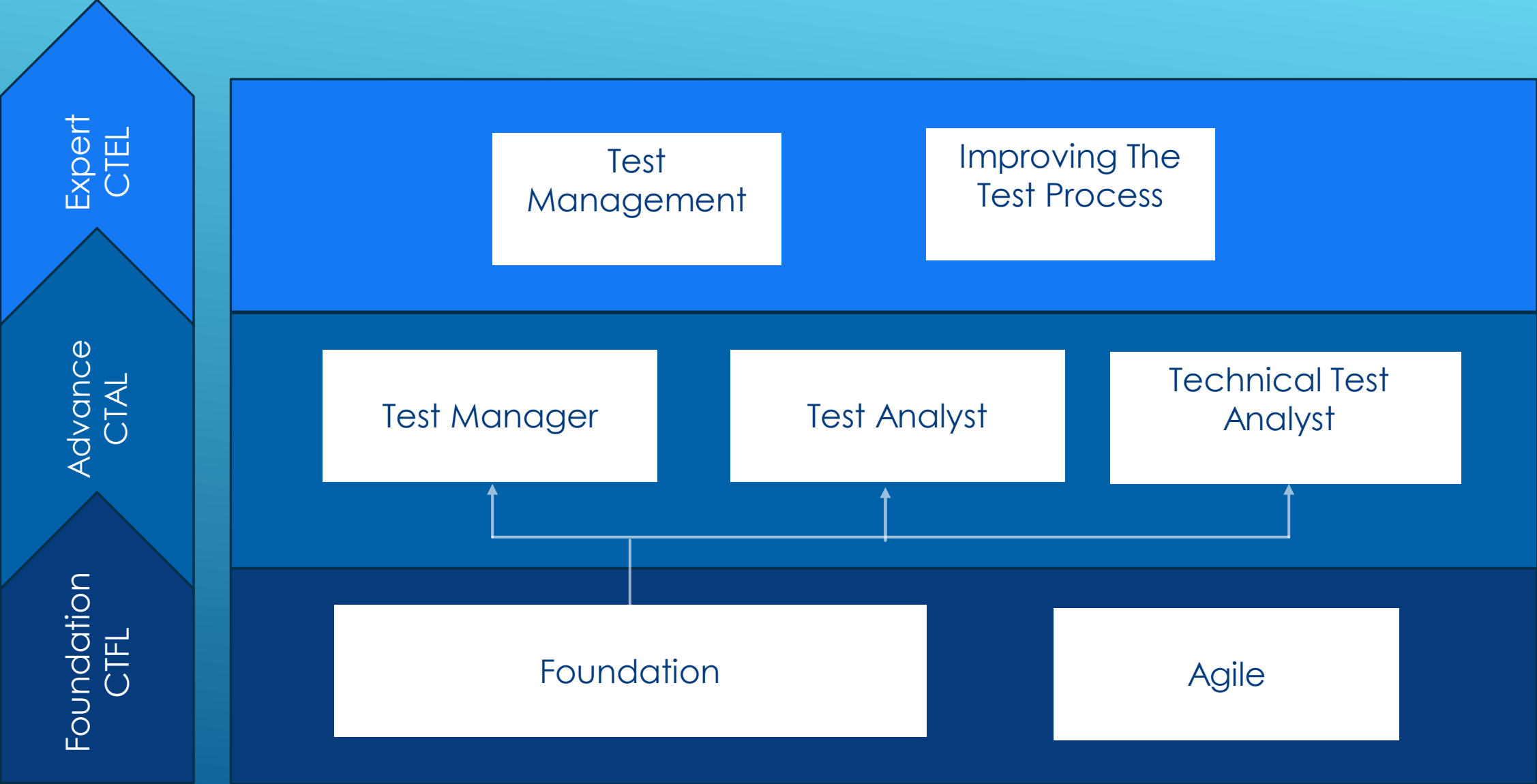


# THE ROAD TO CERTIFICATION


The 2018 Foundation Level qualification course consists of two parts:

1. Training / Courseware which will be delivered by BMAK
  - Our courseware is created in accordance with ISTQB® syllabus to help candidates in their preparation for the examination
  - Training includes breakdown of the exam structure
  - Includes tips and guidance; additional references, sample exam questions and mock exams
  - A minimum of 20 hours is required to review and prepare for the exam
  
2. Foundation level exam managed through ISTQB®:
  - ISTQB® exams are managed through licensed external exam providers
  - Students register and pay exam fees directly with one of the licensed exam providers when ready to take the exam
  - Exam providers for your location can be found here: <https://www.istqb.org/istqb-where-you-are/find-an-exam-provider.html>
  - The 2018 syllabus is recognized as a pre-requisite to other ISTQB® certifications
  - Exam maybe offered locally or internationally (online)

# ISTQB® Certification Career Path



# TRAINING DELIVERY METHOD

- ❑ 24/7 online access via BMAK LMS (Learning Management System)
  - ❑ Flexible self-pace training; candidates have control of their learning pace
  - ❑ Online support available; community forum
  - ❑ Unlimited access to courseware
  - ❑ Instructor access to provide assistance as required
  - ❑ Participants knowledge will be tested at the end of every chapter
  - ❑ Mock exam type questions at the end of the course material
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- ❑ Fact - there is no such thing as a defect-free system
- ❑ Fact - testing enables you to see what the software does and how well it does it so that businesses can measure the quality of the software before it goes live
- ❑ Why wait?
- ❑ Develop a higher level of reliability for your applications. Join a rapidly growing list of international companies, governments and their agencies by implementing efficient and cost effective testing practices derived from the ISTQB® competencies