

ISTQB® Certified Tester Foundation Level

FUNDAMENTALS OF TESTING

What is Testing?

Why is Testing Necessary?

Testing Principles

Test Activities, Testware and Test Roles

Essential Skills & Good Practices in Testing

TESTING THROUGHOUT THE SOFTWARE DEVELOPMENT LIFECYCLE

Testing in the Context of an SDLC

Test Levels and Test Types

Maintenance Testing

STATIC TESTING

Static Testing Basics

Feedback & Review Process

TEST ANALYSIS & DESIGN

Test Techniques Overview

Black-box Test Techniques

White-box Test Techniques

Experience-based Test Techniques

Collaboration-based Test Approaches

MANAGING THE TEST ACTIVITIES

Test Planning

Risk Management

Test Monitoring, Test Control & Test Completion

Configuration Management

Defect Management

TEST TOOLS

Tool Support for Testing

Benefits & Risks of Test Automation