



Remote/Presential Exam



English, German & French



258,30€



Continuous Improvement

Options for Improving Test Automation

Test Automation Improvement

Associate Price

246€

The amounts mentioned include VAT at the normal rate in force.

ISTQB® Certified Tester Test Automation Engineer

Deployment Risks and Contingencies

Test Automation Approach and Planning of Deployment/Rollout Risks Assessment and Mitigation Strategies

Test Automation Maintenance

The **Test Automation Engineer** qualification is aimed at people who have already achieved an advanced point in their careers in software testing and wish to develop further their expertise in automation testing. The modules offered at the **Advanced Level** cover a wide range of testing topics.

To get the Advanced Level certification, candidates must hold the Foundation Certificate and have sufficient practical experience.

CONTENTS

Test Automation	Test Automation Reporting and Metrics
Purpose of Test Automation	Selection of TAS Metrics
Success Factors	Implementation of Measurement
	Logging of the TAS and the SUT
	Test Automation Reporting
Preparing for Test Automation	
SUT Factors Influencing Test Automation	Transitioning Manual Testing
Tool Evaluation and Selection	to an Automated Environment
Design for Testability and Automation	Criteria for Automation
	Automation within Regression Testing
	Automation within New Feature Testing
The Generic Test Automation Architecture	Automation of Confirmation Testing
Introduction to gTAA	
TAA Design	Verifying the TAS
TAS Development	
	Verifying Automated Test Environment Components
	Verifying the Automated Test Suite

EXAM STRUCTURE

- * 49 points or more;
- ** Only for participants taking the exam in a language other than their mother tongue;
- *** Each correct answer can have a value of 1 to 3 points.













BUSINESS OUTCOMES

- Contribute to the development of a plan to integrate automated testing within the testing process;
- Evaluate tools and technology for automation best fit to each project and organization;
- Create an approach and methodology for building a test automation architecture (TAA);
- Design and develop (new or modified) test automation solutions that meet the business needs;
- Enable the transition of testing from a manual to an automated approach;
- Create automated test reporting and metrics collection;
- Manage and optimize testing assets to facilitate maintainability and address evolving (test) systems.

For more information, please contact: exames@pstqb.pt











