ISTQB® Certified Tester Advanced Level - Test Manager

CGI

In our certification training course we educate you being an ISTQB® Test Manager (CTAL-TM). Our training contents correspond to the current CTAL-TM Curriculum. We offer our seminars in cooperation with Integrata Cegos.

TARGET GROUP

- Software Tester, Test team leader, IT-Project Manager, Quality Manager, Software-Developer and anyone else wishing to work as Test Manager according to the international ISTQB® standard

REQUIREMENTS

- Extensive experience in software testing, project management and software development (minimum of 18 months verifiable testing experience)
- ISTQB® Foundation certificate e.g. after visiting the training course of CGI

TRAINING GOALS

- Knowing the tasks, methods and techniques of software test management
- Creating and implementing test plans, monitoring, controlling and reporting test activities up ant the identification and analysis of risks

TRAINING CONTENT

The training covers the following topics:

- **Testing Process:** Test planning, monitoring and control - Test analysis - Test design - Test implementation - Test execution - Evaluating exit criteria and reporting - Test closure activities

- **Test Management:** Test management in context - Risk-based testing, approaches for test prioritization and effort allocation - Test documentation and other work products - Project risk management - Other test work products - Test estimation - Defining and using test metrics - Business value of testing - Distributed, outsourced, and insourced testing - Managing the application of industry standards

ISTQB® CERTIFIED TESTER ADVANCED LEVEL - TEST MANAGER (CTAL-TM)

- Testing Process
- Test Management
- Reviews
- Defect Management
- Improving the Testing Process
- Test Tools and Automation
- People Skills - Team Composition

- **Reviews:** Management reviews and Audits - Managing reviews - Metrics for reviews - Managing formal reviews
- **Defect Management:** The defect lifecycle and the software development lifecycle - Cross-functional defect management - Defect report information - Assessing process capability with defect report information
- **Improving the Testing Process:** Introduction - Test improvement process - Improving the testing process (TMMI, TPI Next, CTP, STEP) - Comparison of several maturity models
- **Test Tools and Automation:** Concepts - Tool categories - Tool selection criteria for the most reasonable tool - Return on investment (ROI) - Tool lifecycle - Tool metrics
- **People Skills - Team Composition:** Individual skills - Test team dynamics - Fitting testing within an organization - Motivation and communication being a task of test managers

METHODS

- Lecture, discussion, exercises and case studies

NOTES

- It is highly recommended working on the learned material and exercises for exam preparation
- During the course additional documents may be sent by the trainer, therefore the access to your e-mails could be helpful

DURATION, PLACES, DATES

- The training lasts five days (30 hours)
- The certification examinations for the ISTQB® Certified Tester Advanced Level - Test Manager can be booked individually online or taken at a test center

ABOUT CGI

We are a global service provider for IT and business processes with a total of more than 90.000 employees. At 400 locations, we offer holistic, scalable and sustainable services for 21 industries - globally supported and locally implemented. Our portfolio includes top-level IT and business consulting, systems integration, managed IT, business process services and intellectual property. The focus of our strategic consulting is to improve business agility and change management; our IP serves to accelerate innovation.

With more than 10,000 colleagues worldwide in the quality and test environment, with own test solutions and several TestFactories in DE, CGI is one of the leading service providers in SW quality management and SW testing. Benefit from our years of cross-industry experience.

For more information
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