

ISTQB® Certified Tester Advanced Level - Test Analyst

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

TARGET GROUP

- Software tester, test managers, IT-project manager, quality manager, software developer and anyone else wishing to work as Test Analyst 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

- Specification-oriented testing methods (black box methods)
- Experience- and error-based testing procedures

TRAINING CONTENT

The training covers the following topics:

- **Testing Process:** Testing within the software development lifecycle - Test analysis - Test design - Test implementation - Test execution and reporting - Test closure activities and metrics - Test and risk management
- **Test Management - responsibilities for the analyst:** Monitoring and controlling of test execution status - Risk-oriented testing: identification, evaluation and controlling of risks
- **Specification-oriented testing methods:** Equivalence partitioning - Boundary value analysis - State transition testing - Decision table testing - Cause-effect graph - Combinatorial methods - User story-based testing



ISTQB® CERTIFIED TESTER - ADVANCED LEVEL - TEST ANALYST (CTAL-TA)

- Testing Process
- Test Management - responsibilities for the analyst
- Specification-oriented testing methods
- Error-based testing methods
- Experience-based testing methods
- Selection of testing methods
- Testing of software quality features
- Reviews
- Defect Management
- Test Tools

- **Error-based testing methods:** Error taxonomies
- **Experience-based testing methods:** Intuitive and explorative testing
- **Selection of testing methods**
- **Testing of software quality features:** Quality features of technical tests - ISO 9126 - Adequacy, interoperability, usability and accessibility
- **Reviews:** Processes and roles - Principles - Check lists
- **Defect Management:** Defect status - Defect reporting - Defect classification - Root cause analysis
- **Test Tools:** Tools and Automation - Test design tools - Data editors and generators - Test execution tools

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 four days (24 hours)
- The certification examinations for the ISTQB® Certified Tester Advanced Level - Test Analyst 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

Visit [cgi.com](https://www.cgi.com)

Email us at info@cgi.com