iSQI® Certified Agile Test Driven Development

Test Driven Development (TDD) is a software development process that relies on the repetition of a very short development cycle: first the developer writes an (initially failing) automated test case that defines a desired improvement or new function, then produces the minimum amount of code to pass that test, and finally refactors the new code to acceptable standards.

This is a course for developers who aspire to continuously improve their skills and become more effective. These ideal participants understand that life is a never ending journey of learning and should become more and more proud of their code as it improves and grows with them as an individual. Basically participants should want to bring more value to their users by delivering better products.

Business Outcomes
After the course, successful participants will be able to:

- make assessments on the quality of the production code

- make assessments on the quality of the automated tests

- improve the quality of existing code without altering its behavior

- Test-drive behaviors in the small

- produce high quality test batteries

- produce readable code

- recognize and avoid gold-plating

- assess when technical debt could be introduced as well as its consequences

- get ready to learn more advanced techniques effectively

www.isqi.org/en/agile.html

BOARD OF
EXCELLENCE
THE iSQI »CERTIFIED« PROGRAM

iSQI®
International Software Quality Institute

NAME	iSQI® Certified Agile Test Driven Development
BOARD / ORGANIZATION	iSQI's Special Interest Group "iSQI Agile Teaming"
LANGUAGES	**Course:** English & Spanish **Exam:** English
DURATION	**Course:** 2.5 days **Exam:** 4.5 hours
TARGET AUDIENCE	Software Developers and Testers who know how to code
PREREQUISITES	Being able to code in Java or C#. A basic understanding of Object Oriented Programming, for example understanding the concepts of inheritance and composition, is a good foundation for taking this course. Previous experience with test frameworks, automated tests or TDD is not necessary.
SYLLABUS	www.isqi.org/en/agile.html
EXAM	iSQI® Certified Agile Test Driven Development is offered as a Paper-based exam after training or during our regularly scheduled public examinations. Paper-based exam & Practical exam: Written part (25%) and Practical part (75%) Minimum total score: 60%
COSTS	Paper-based exams in Germany: **300,- EUR (excl. VAT)** For prices in other countries please contact our Key Account Management: certification@isqi.org
TRAINING PROVIDERS	Díaz & Hilterscheid Unternehmensberatung GmbH / FIDETIA - Universidad de Sevilla / MTP / Software Quality Systems AG / SEQIS Software Testing GmbH / VX Company IT Services B.V. If you are interested in becoming a training provider please contact agile@isqi.org
RE-CERTIFICATION	Not necessary
CONTACT	For more information about iSQI® Certified Agile Test Driven Development or other iSQI Agile Teaming certificates, please check www.isqi.org/en/isqi-agile-teaming.html or send your questions to agile@isqi.org.

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