

Certified Software Tester – Advance Level - CSAT

Module 1 - Deconstructing Test Automation

- Diving deeper into capture/playback
- Automating a simple test
- Modifying the script
- Diving deeper into test scripting
- Automating a simple test by writing a script
- Diving deeper into component and keyword-based testing
- Building a small set of automated test components
- Assembling the components into a test

Module 2 - Structural Test Automation

- The role of structural test automation tools
- How structural test automation tools work

Module 3 - A Process for Acquiring and Implementing Test Automation Tools

- Acquiring test automation tools
- Process overview
- Steps in the process
- What is required for the process
- How to implement the process
- Implementing test automation tools
- Process overview
- Steps in the process
- What is required for the process
- How to implement the process

Module 4 - Cheap and Free Test Tools

- The issues behind “free” tools
- Helpful and effective open-source tools
- Inexpensive test automation tools

Module 5- Functional Test Metrics

- Measures vs Measurements
- Helpful Test Automation Measures
- Helpful Test Automation Metrics
- Capturing the Measurements
- Picking the Right Metrics
- Creating a Test Automation Dashboard

Module 6 – Managing Test Automation

- Why testware management is needed

- Configuration management for testware
- Establishing and maintaining tracability
- Measuring testware
- The role of test management tools