

# ISTQB® Certified Tester Automotive Software Tester

The Foundation Level Automotive Software Tester qualification is aimed at people who have already achieved a Foundation point in their careers in software testing and wish to develop further their expertise in Automotive Software Testing.

To be eligible to undertake the Automotive Software Tester Foundation certification exam, candidates must first hold the ISTQB® Foundation Certificate.

## CONTENTS

Introduction	Standards for E/E Testing	Testing in Virtual Environments	Automotive-specific Static and Dynamic Test Techniques
Requirements from Divergent Project Objective and Increasing Product Complexity	Automotive SPICE (ASPICE)	Test Environment in General	Static Test Techniques
Project Aspects Influenced by Standards	ISO 26262	Testing in XiL Test Environments	Dynamic Test Techniques
The Six Generic Phases in System Lifecycle	AUTOSAR		
Tester's Contrib. to Release Process	Comparison		



## EXAM STRUCTURE

\* 26 points or more;

\*\* Each correct answer has a value of 1 point.



## BUSINESS OUTCOMES

- Collaborate effectively in a test team;
- Adapt the test techniques known from the ISTQB® Certified Tester Foundation Level (CTFL®) to the specific automotive project requirements;
- Consider the basic requirements of the relevant automotive standards (Automotive SPICE®, ISO 26262, etc.) and select suitable test techniques;
- Apply the virtual test methods (e.g. HiL, SiL, MiL, etc.) in test environments.

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