Mindluster Platform

About the course ISTQB automotive software tester 2024

Course Presenter : TM SQUARE

ISTQB automotive software tester, in this course is designed for professionals in automotive software testing, offering a comprehensive understanding of industry-specific testing concepts. It covers key areas such as embedded systems, safety-critical testing, and compliance with standards like ISO 26262. Learn techniques for functional, integration, and system testing tailored to automotive applications. The course delves into real-time systems, test automation tools, and model-based testing strategies. Gain practical skills through examples, case studies, and mock exams, ensuring readiness for the ISTQB Automotive Software Tester Certification. Ideal for testers and engineers, this course equips you with the knowledge to meet the high standards of automotive software testing and enhance safety, reliability, and quality in automotive systems. TM SQUARE

Computer Science Category's Courses

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Lesson 1 : **ISTQB Automotive Tester Introduction ISTQB Tutorials**

Lesson 2 :
ISTQB Automotive Tester Introduction Automotive Project Requirements Product Complexity

Lesson 3 :
ISTQB Automotive Tester 1 2 Project influenced by standards 1 3 Phases in the system lifecycle

Lesson 4 :
ISTQB Automotive Tester 1 4 The Contribution Participation of the Tester in the Release Process

Lesson 5 : **ISTQB Automotive Tester Sample Questions on Chapter 1 ISTQB Sample Questions**

Lesson 6 :
ISTQB Automotive Tester Automotive SPICE 2 1 1 Design and Structure of the Standard Part 1

Lesson 7 :
ISTQB Automotive Tester Automotive SPICE 2 1 1 Design and Structure of the Standard Part 2

Lesson 8 :
ISTQB Automotive Tester 2 1 2 Requirements of the Standard Part 1 Capability Dimensions

Lesson 9 :
ISTQB Automotive Tester 2 1 2 Requirements of the Standard Part 2 Test Regressions Strategy

Lesson 10 :
ISTQB Automotive Tester 2 1 2 Requirements of the Standard Part 3 Unit Verification Strategy

Lesson 11 :
ISTQB Automotive Tester 2 2 1 Functional Safety and Safety Culture ISO 26262 IEC 61508

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ISTQB Automotive Tester 2 2 2 Integration of the Tester in the Safety Lifecyle ISO 26262

Lesson 13 :
ISTQB Automotive Tester 2 2 3 Structure and Test Specific Parts of the Standard ISO 26262

Lesson 14 :
ISTQB Automotive Tester 2 2 4 The Influence of Criticality on the Extent of the Test ASIL

Lesson 15 :
ISTQB Automotive Tester 2 2 5 Application of Content from CTFL in the Context of ISO 26262

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ISTQB Automotive Tester 2 3 AUTOSAR Objectives of AUTOSAR General Structure of AUTOSAR

Lesson 17 :
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Lesson 19 :
ISTQB Automotive Tester 3 1 Test Environment in General Parts of Automotive Test Environment

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Lesson 21 : **ISTQB Automotive Tester 3 2 1 Model in the Loop Mil Xil Automotive Test Environment**

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Lesson 24 :
ISTQB Automotive Tester 3 2 4 Comparison of the XiL Test Environments Part 1 Mil Sil Hil

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Lesson 27 : **ISTQB Automotive Tester Sample Questions on Chapter 3 ISTQB Sample Questions**

Lesson 28 :
ISTQB Automotive Tester 4 1 1 The MISRA C 2012 Guidelines 4 1 Static Test Techniques

Lesson 29 :
ISTQB Automotive Tester 4 1 2 Quality Characteristics for Reviews of Requirements Static Testing

Lesson 30 :
ISTQB Automotive Tester 4 2 1 Condition Testing Multiple Condition Testing MCDC ISTQB Tutorial

Lesson 31 :
ISTQB Automotive Tester 4 2 2 Back to Back Testing Dynamic Test Techniques ISTQB Tutorials

Lesson 32 :
ISTQB Automotive Tester 4 2 3 Fault Injection Testing Error Handling Code Paths ISTQB Tutorial

Lesson 33 : **ISTQB Automotive Tester 4 2 4 Requirement Based Testing ISTQB Tutorials**

Lesson 34 : **ISTQB Automotive Tester 4 2 5 Context Dependent Selection of Test Techniques Part 1**

Lesson 35 : **ISTQB Automotive Tester 4 2 5 Context Dependent Selection of Test Techniques Part 2**

Lesson 36 : **ISTQB Automotive Tester Sample Questions on Chapter 4 ISTQB Sample Questions**

Related courses

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