

CANoe.DiVa

Agenda VectorAcademy

Delivery Format:	This course is offered in Classroom or Remote Format
Duration:	Classroom: 1 day Remote: 7 hours
Target Group:	Diagnostic Test Engineers
Prerequisites:	Diagnostic Concepts, UDS (e.g. Diagnostics UDS course) Latest version of CANdelaStudio, CANoe & .DiVa installed and licensed (remote or customer on-site)
Goal:	Learn how to test the diagnostic features of an ECU efficiently using CANoe.DiVa

- 1. Confirmation of CANdelaStudio CANoe & CANoe.DiVa Installation (only for remote or customer on-site)**
 - > Check licensing and installation
- 2. Diagnostic Specification**
 - > Understand the dependencies between diagnostic specification and diagnostic test generation
 - > State dependencies, data types, negative response codes, constant values, environmental conditions,...
 - > Exercise
- 3. Efficient use of CANoe.DiVa**
 - > Timing options
 - > Customizing service data and test depth
 - > Test strategy
 - > Exercises
- 4. Testing SW Download**
 - > Testing SW Download with vFlash
- 5. Testing the Diagnostic Application**
 - > Environmental Conditions
 - > Testing Fault Memory
 - > Validating Parameter Contents
 - > Testing ECU specific Diagnostic Sequences
 - > Exercises
- 6. Test Result Evaluation & Post Processing**
 - > Interpretation of test results
 - > Post Processing of test results
 - > Requirements Traceability
 - > Exercise
- 7. Questions, Feedback, Suggestions**