

CANoe CAN Advanced

Agenda VectorAcademy

Delivery Format:	This Course is offered in Classroom or Remote Format
Duration:	Classroom: 2 day Remote: 14 hours
Target Group:	CANoe Users
Prerequisites:	Experience with CANoe and CAPL programming

1. Common understanding and prerequisites

- > Simulating with CANoe
- > Introduction to Test Feature Set

2. Setting up Test Modules

- > Overview of test features
- > Basic layout of a test module
- > Flow control of a test module

3. Creating Test Modules

- > Principle of test report generation
- > Ways to influence report generation

4. Creating CAPL Test Modules

- > Overview of test functions
- > Creating complete test cycles
- > Evaluating signal data for test purposes
- > Using background constraints and conditions

5. Interface to Measurement Hardware

- > Creation and use of CANoe System Variables
- > Integration of measurement and test hardware
- > VT System outline

6. Brief Introduction to Diagnostics

- > Basic principles of diagnostics and transport protocols
- > Introduction to CANoe's Diagnostig Feature Set

7. Diagnostics in CANoe

- > Using diagnostics description files (*.cdd, *.odx)
- > Interactive diagnostics with CANoe
- > Diagnostic console, fault memory and session control
- > Basic diagnostics

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- 8. Integration of Diagnostics into CAPL Test Modules**
 - > CAPL functions for Diagnostic request and response
 - > Send diagnostics requests
 - > Evaluation of diagnostics parameters