

CANoe Advanced Workshop

Agenda VectorAcademy

Duration: 2 Days
Target Group: CANoe Users
Prerequisites: Experience with CANoe and CAPL programming

1 | Common understanding and prerequisites

1.0 h

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

2 | Setting up Test Modules

1.0 h

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

3 | Creating Test Modules

0.5 h

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

4 | Creating CAPL Test Modules

6.0 h

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

5 | Interface to Measurement Hardware

2.0 h

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

CANoe Advanced Workshop

Agenda VectorAcademy

6 | Brief Introduction to Diagnostics

1.0 h

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

7 | Diagnostics in CANoe

1.0 h

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

8 | Integration of Diagnostics into CAPL Test Modules

1.5 h

- > CAPL functions for Diagnostic request and response
- > Send diagnostics requests
- > Evaluation of diagnostics parameters