

CANoe Test Add-on Workshop: ECU tests with vTESTstudio

Agenda VectorAcademy

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| Duration: | 1 Day |
| Target Group: | CANoe users in the test field; vTESTstudio users |
| Prerequisites: | Introduction to CANoe; Basic programming experience |
| Goal: | Developing test projects with vTESTstudio and its integrated test design editors, test tables and test commands, project organization, exchange with CANoe and CAPL |

1 | Introduction to vTESTstudio 1.0 h

- > vTESTstudio concepts and features
- > Graphical user interface
- > Test project structure
- > System environment setup

2 | Creating Test Tables 1.0 h

- > Test commands (Keyword based testing)
- > Test execution and tracing in CANoe
- > Sequences, test cases, functions

3 | Efficient Testing 2.0 h

- > Parameter definition
- > Parameter types and their usage
- > Variants and variant depending parameters

4 | Traceability 0.5 h

- > Import trace items (requirement tags)
- > Assign trace items to test cases
- > Control traceability in the Traceability matrix

5 | CAPL Test Modules 1.5 h

- > Configuration, test cases, sequences and functions
- > Using CAPL in test tables
- > CAPL inline in test tables