

Introduction to CANoe

Agenda VectorAcademy

Duration:	2 days
Target Group:	CANoe Users (controller development, motor vehicle electrical, test planning and execution)
Prerequisites:	E-Learning (Learning Module CAN) is helpful
Goal:	To learn about the properties of the CAN and CAN FD protocol, to gain knowledge of CANoe's areas of application and to measure, analyze, model and simulate with CANoe and CAPL.

1. CAN Fundamentals | 2.0 h

- > Physical Layer
- > Bus access methods
- > Characteristics of the CAN Protocol
- > CAN FD
- > CAN Network Description

2. Measurement and Analysis | 8.0 h

- > Start-up of CANoe for CAN
- > Measurement and Analysis
- > Data Logging and Offline Analysis
- > Diagnostics
- > Send Options
- > Panels

3. Simulation and CAPL Programming | 4.0 h

- > Introduction to Simulation and Modeling
- > Introduction to CAPL
- > Signal-oriented CAPL
- > Message-oriented CAPL