

# CANoe/CANalyzer for J1939

Agenda VectorAcademy

<b>Delivery Format:</b>	This Course is offered in Classroom <b>or</b> Remote Format
<b>Duration:</b>	Classroom: 2 days Remote: 11 hours
<b>Target Group:</b>	Users and Developers in the J1939 environment
<b>Prerequisites:</b>	CAN and/or CANoe/CANalyzer basics are helpful
<b>Goal:</b>	Learning the fundamental principles of the SAE J1939 protocol, getting to know the J1939 extensions of CANoe/CANalyzer for practical use

## 1. J1939 Protocol

- > SAE J1939 Documents and Definitions of Terms
- > J1939 Network Management
- > Parameter Groups as standardized data interface
- > Types of communication and addressing
- > Signal description and SLOT definition
- > Transport protocols (BAM, RTS/CTS)
- > J1939 Diagnostics

## 2. CANoe/CANalyzer .J1939

- > J1939 Network description
- > Measurement and Analysis
- > Logging and Offline Analysis
- > J1939 Plugins
- > Sending possibilities
- > Fundamentals of Simulation