

Introduction to CANoe/CANalyzer.LIN

Agenda VectorAcademy

Duration:	1 Day
Target Group:	LIN Users
Prerequisites:	LIN Fundamentals
Goal:	Measuring, analyzing as well as stimulating a LIN environment with help of the tools CANalyzer and/or CANoe

1 | Data Interpretation with the LIN Description File Explorer 1.5 h

- > LDF Explorer: LIN nodes, frames/commands, signals, schedules
- > Exercises

2 | Introduction to CANoe/CANalyzer.LIN 0.5 h

- > Operational concept, measurement and simulation setups in CANoe/CANalyzer
- > 3-phase model of the development of distributed systems with CANoe

3 | LIN Integration in CANoe/CANalyzer 0.5 h

- > LIN interfaces
- > Hardware configuration in CANoe/CANalyzer, driver settings

4 | Measurement and Analysis 2.0 h

- > Configuration of windows and function blocks
- > Trace, LIN statistics, signal analysis in data and graphics windows
- > Exercises

5 | Stimulation and Emulation 1.0 h

- > Interactive generator block, interactive LIN master
- > Exercises

6 | Dynamic Simulation in CANoe.LIN 1.5 h

- > Creating a schedule with the LDF explorer
- > Changing signals with panels via interaction layer
- > Exercises