CANoe/CANalyzer Option CAN/CAN FD E-Learning Course

Agenda VectorAcademy

Delivery Format: E-Learning Course
Duration: 7 Hours
Target Group: CANoe/CANalyzer users
Prerequisites: None
Goal: In this course, you will receive an introduction to CANoe/CANalyzer and learn how to measure, record and analyze communication on the CAN bus. You will also learn how CAN ECUs are simulated with CANoe and the CAPL programming language.

1. CAN/CAN FD Protocol

NO.	Headline	Documentation	Video	Quiz	Exercises *
1.1	Introduction	—	✔	—	—
1.2	Addressing	—	✔	✔	—
1.3	Bus Access	—	✔	✔	—
1.4	CAN Framing	—	✔	✔	—
1.5	Data Protection	—	✔	✔	—
1.6	Synchronization	—	✔	✔	—
1.7	CAN with Flexible Data Rate	—	✔	✔	—

2. CANoe/CANalyzer Measurement

NO.	Headline	Documentation	Video	Quiz	Exercises *
2.1	Main Windows	✔	✔	✔	—
2.2	Configuration and Commissioning	✔	✔	✔	—
2.3	Analysis Windows Part1	✔	✔	✔	—
2.4	Analysis Windows Part2	✔	✔	✔	—
2.5	Data Logging Part1	✔	✔	✔	—
2.6	Data Logging Part2	✔	✔	✔	—
2.7	Sending	✔	✔	✔	—
2.8	System Variable and Panels	✔	✔	✔	—

3.CANoe Simulation

NO.	Headline	Documentation	Video	Quiz	Exercises *
3.1	Simulation with CANoe IL	✔	✔	✔	—

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3.2	Signal Access	✔	✔	✔	—
3.3	Brief Introduction to CAPL	✔	✔	✔	—
3.4	Signal-Based CAPL	✔	✔	✔	—
3.5	Time-Controlled CAPL	✔	✔	✔	—
3.6	Analysis using CAPL	✔	✔	✔	—
3.7	Sending message Based-CAPL	✔	✔	✔	—

✔: Have this type of content

—: Does not have this type of content

***: This course does not contain exercises**