

CANoe/CANalyzer FlexRay Add-on Workshop

Agenda VectorAcademy

Delivery Format:	This Course is offered in Classroom or Remote Format
Duration:	Classroom: 1 day Remote: 6.5 hours
Target Group:	CANoe and CANalyzer Users (Development & Test Engineers)
Prerequisites:	Introduction to CANoe or Introduction to CANalyzer
Goal:	Learning the characteristics of the FlexRay protocol. Learning the FlexRay specific analysis features in CANoe/CANalyzer.

1. FlexRay: Fundamentals and Introduction

- > Motivation and Requirements
- > Physical Topologies and Signal Transmission
- > FlexRay Communication

2. Communication Structure

- > Communication Structure
- > Frames
- > Bus Access

3. Description of FlexRay Networks

- > Introduction
- > Frame's and PDU's

4. Introduction to CANoe.FlexRay

- > Configuration
- > Hardware Configuration
- > Analysis Window

5. Measurement and Analysis

- > Main Windows
- > Analysis Windows
- > Measurement Setup
- > Cluster Monitor

6. Simulation

- > Generate Simulation
- > Brief Introduction to CAPL
- > CAPL for FlexRay