

Introduction to CANalyzer for J1939

Agenda VectorAcademy

Delivery Format:	Courses offered virtually via WebEx, hosted by a live instructor
Duration:	2 days
Target Group:	Vector's J1939 Protocol Class
Prerequisites:	Vector's SAE J1939 Protocol Class.
Goal:	Attendees will acquire knowledge and hands-on experience to help them analyze and log J1939 network message trace using CANalyzer. The class covers the operation of CANalyzer including database (dbc) modification, bus analysis, logging, and a brief introduction to Vector's Communication Access Programming Language (CAPL). This class also covers the J1939-specific components for CANalyzer.

1. CANdb++

- > Overview of the Vector CAN Database
- > CANdb++ Features Specific to J1939

2. Overview

- > Tool Configuration
- > Bus Analysis
- > Graphical Analysis
- > Signal Analysis

3. Logging Bus Activity

- > Logging Functionality
- > Relay Operation for Log Files
- > Offline Data Analysis

4. Message Generation

- > Panel Creation
- > CAPL Programming Overview