

Introduction to CANalyzer: Stimulation and CAPL Programming

Agenda VectorAcademy

Duration:	1 Day
Target Group:	CANalyzer users
Prerequisites:	CAN fundamentals and Introduction to CANalyzer: Measurement & Analysis. Basic programming knowledge.
Goal:	Overview of the stimulus features in CANalyzer. Introduction to CAPL; using the CAPL browser and learning the CAPL syntax. Creating and using Control Panels and System Variables.

1 Stimulus Features in CANalyzer	1.0 h
<ul style="list-style-type: none">> Introduction to stimulus features in CANalyzer:<ul style="list-style-type: none">> Interactive Generator Block> Visual Sequencer> CAPL Programming> Panels, System Variables and the Start Value Window	
2 Introduction To CAPL Programming	1.0 h
<ul style="list-style-type: none">> Integrating CAPL programs in CANalyzer> Event procedure concept> CAPL-Browser, compiling and troubleshooting, CAPL and CAN databases	
3 Features and Functions	1.5 h
<ul style="list-style-type: none">> System and event procedures> Data types, arrays, initialization, control structures> Arithmetic and logical operations, intrinsic functions> Access to message selectors, file functions	
4 Program Development	1.5 h
<ul style="list-style-type: none">> Evaluating messages> Configuring and sending messages> Timer, cycle times and timeout monitoring	
5 Panels & System Variables	1.0 h
<ul style="list-style-type: none">> Creating Control Panels> Creating System Variables and using these in CAPL	