

Introduction to CAPL

Agenda VectorAcademy

Duration:	1 Day
Target Group:	CANalyzer Users
Prerequisites:	Experience with CANalyzer, C programming knowledge recommended
Goal:	Fundamental understanding of CAPL programs and their capabilities, usage of the CAPL browser as a development environment, introduction into the CAPL syntax as well as into the basics of developing programs for analysis and modeling of network nodes

1 | Introduction 1.0 h

- > Integrating CAPL programs in CANalyzer
- > Event procedure concept
- > CAPL browser, compiling and troubleshooting, CAPL and CAN database

2 | Features and Functions 2.0 h

- > System and event procedures
- > Data types, arrays, initialization, control structures
- > Arithmetic and logical operations, intrinsic functions

3 | Introduction to CAPL for CAN 2.5 h

- > Evaluating messages
- > Configuring and sending messages
- > Timers for periodic tasks

4 | Panels and System Variables 1.5 h

- > Creating display panels
- > Use of System Variables
- > Enabling control through panels