



Agenda VectorAcademy

INTRODUCTION TO CAPL

Duration:	1 Day
Target Group:	CANalyzer and CANoe Users
Prerequisites:	Programming knowledge desirable but not a precondition
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 modelling of network nodes.

1 | INTRODUCTION | 2.0 H

- ▶ Integrating CAPL programs in CANoe and/or CANalyzer
- ▶ Event procedure concept
- ▶ CAPL-Browser, compiling and troubleshooting, CAPL and CAN databasis

2 | FEATURES AND FUNCTIONS | 2.0 H

- ▶ System and event procedures
- ▶ Data types, arrays, initialization, control structures
- ▶ Arithmetic and logical operations, intrinsic functions
- ▶ Access to message selectors, file functions

3 | PROGRAM DEVELOPMENT | 2.0 H

- ▶ Evaluating messages
- ▶ Configuring and sending messages
- ▶ Timer, cycle times and timeout monitoring
- ▶ Gateway, logging functions

4 | TIPS AND TRICKS | 1.0 H

- ▶ Background information for the user