



Agenda VectorAcademy

MEASUREMENT AND CALIBRATION WITH CANAPE

Duration:	2 Days
Target Group:	CANape Users
Prerequisites:	None
Goal:	Use of CANape as measurement and calibration tool

1 | INTRODUCTION TO THE CCP AND XCP PROTOCOL | 2.0 H

- ▶ The synchronous data transfer model
- ▶ Seed&Key access authority
- ▶ Data transfer with timestamp

2 | INTRODUCTION TO CANAPE | 1.0 H

- ▶ System overview
- ▶ Concept of the device configuration
- ▶ External measuring technique

3 | CREATING A NEW PROJECT | 1.0 H

- ▶ Adding a new device driver to the device list
- ▶ Configuring the Vector hardware interface

4 | CONTROLLER DATABASE | 0.5 H

- ▶ Working with the integrated ASAP2-compatible Database Editor

5 | MEASUREMENT | 3.0 H

- ▶ Data acquisition modes
- ▶ Configuring the display windows
- ▶ Virtual measurement signals



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6 | OFFLINE EVALUATION | 2.0 H

- ▶ Multi Recorder concept
- ▶ Analysis of MDF files
- ▶ Insert virtual file channel

7 | APPLICATION CONCEPT | 0.5 H

- ▶ Mirror memory concept

8 | CALIBRATION | 1.5 H

- ▶ Online/Offline calibration
- ▶ Direct/indirect calibration

9 | DATA MANAGEMENT OF PARAMETER SET FILES | 1.5 H

- ▶ Loading and saving parameter set files
- ▶ Comparing parameter set files
- ▶ Mixing parameter set files

10 | SHORT OVERVIEW TO FUNCTIONS AND SCRIPTS | 0.5 H

- ▶ Functions for the calculation of virtual measuring signals

11 | QUESTIONS, FEEDBACK, SUGGESTIONS | 0.5 H