

CANape Fundamentals Compact Workshop

Agenda VectorAcademy

Duration: 3 Days (12 hours) (2 sessions of 2 Hours each per day)
Target Group: CANape users with none or little experience
Goal: Usage of CANape as a measurement and calibration tool in the area of ECU optimization

1 | Introduction to the measurement technique in CANape 4.0 h

- > General information about the measuring techniques available in CANape
- > Comparison of CAN-Monitoring versus measuring data using the XCP Protocol
- > Prerequisites for setting up device drivers (e.g. necessary description files)
- > General overview of features and functionalities in CANape
- > Creating a new CANape project
- > Setting up new measurement drivers in the device configuration
- > Introduction to the Vector Hardware Configuration
- > Creating a new measurement configuration
- > Configuring different types of display windows

2 | Measuring, Recording and Offline evaluation of measurement data 4.0 h

- > Creating a new measurement configuration with running recorders
- > Logging of measurement data
- > Loading measurement files to display recorded measurement signals
- > Comparison of measurement data from different measurement files
- > Simple search and analysis functionalities (incl. preview on more complex search algorithms using the Data Mining functionality)
- > Using functions for offline evaluation

3 | Calibrating the ECU and Calibration Data Management 4.0 h

- > Introduction to the Init-RAM calibration concept
- > Memory image file concept
- > Usage of calibration windows
- > Saving and loading parameter set files
- > Q&A discussion