

vSignalalyzer

Agenda VectorAcademy

Delivery Format:	This Course is offered in Classroom or Remote Format
Duration:	7 hours
Target Group:	Users of vSignalalyzer, CANoe, CANalyzer and loggers
Prerequisites:	Basic knowledge about programming
Goal:	Offline analysis of measurement data

Evaluation:

Validation of learning based on practical exercises with vSignalalyzer

Pedagogical, technical and supervisory resources:

Course material is sent to each trainee. A link will be sent to each participant to install the vSignalalyzer software. The training will be carried out in adapted rooms.

Competence of the trainer: 15 years of experience in training related to embedded developments, network architectures.

Method of follow-up of the trainee:

A sign-off sheet must be validated by the trainee. A first satisfaction questionnaire is planned at the end of the training.

1. Technical Setup (only Remote Training)

- > Video communication, vSignalalyzer installation

2. Offline display and analysis of measurement files

- > Loading and displaying of measurement files of various file formats
- > Configuration of display windows
- > Zoom and scroll functionalities in a graphic window
- > Measurement file converters
- > Printing display windows and display pages

3. Comparison of measurement files and automated analysis with Data Mining

- > Displaying signals from different measurement files in a single graphic window
- > Shifting signals in time and aligning signals according to recorded trigger events
- > Concept and configuration of Data Mining
- > Evaluation of the Data Mining analysis results

4. Using functions for calculation purposes and in the context of Data Mining

- > Using functions to calculate virtual measurement file channels
- > Short introduction to the function editor
- > Data Mining analysis using complex search conditions