

# Certified PREEvision Modeler Exam

## Agenda VectorAcademy

<b>Delivery Format:</b>	This Course is offered in Classroom <b>or</b> in Remote Format
<b>Duration:</b>	Classroom: 3 days Remote: ~16-18 hours remote sessions plus time to solve exam task (details see below)
<b>Target Group:</b>	PREEvision Application Engineers
<b>Prerequisites:</b>	Minimum of 2 PREEvision standard trainings visited (or equivalent knowledge) Strongly recommended to have at least about 1 year of modeling experience with PREEvision Understanding of vehicle or component development and basic AUTOSAR knowledge
<b>Goal:</b>	Certification "Certified PREEvision Modeler"

### Detailed Description:

This is not a regular PREEvision course. This course is only the examination to get the certificate as a "Certified PREEvision Modeler".

In order to be able to successfully pass the exam it is necessary that you already have a good and solid knowledge of PREEvision. You can gain this knowledge by attending the regular PREEvision courses. In addition it is strongly recommended to have at least 1 year of PREEvision modeling experience.

The booking of this exam course qualifies you for one attempt in the exam, a re-exam is not included. If you do not pass, you can book a new attempt separately.

The exam is split in several blocks (see also overview below):

- Practical Part A is done completely on your own on day 3. You will need about 2-4 hours to complete the requested tasks, but there is no actual time limit for this.
- Practical Part B is done live and consists of several smaller tasks which need to be done within 60 min.
- Theoretical part is done live and consists of questions to be answered which cover all basics of PREEvision as well as basic knowledge in all main PREEvision layers within 90 min.
- Your solutions of the practical exam (part A+B) will then be presented and explained by you in an oral exam. Additional questions on PREEvision modelling and the overall understanding of PREEvision are also part of the oral exam.

For the practical exam parts A+B you can select a focus area in which you would like to take the exam.

After the first preparation session you have to choose your focus from one of the following areas:

- Requirements Management: includes Requirements layer as well as the Logical Architecture
- Software Architecture: includes the layers Software Architecture, Network Topology and Communication
- Wiring Harness: includes the layers Network Topology, Electric Circuit, Wiring Harness and Geometry

The theoretical part is NOT limited to a focus area, you need to have basic knowledge for all main PREEvision layers as well as a good general PREEvision knowledge.

# Certified PREvision Modeler Exam

Agenda VectorAcademy

## Course and Exam Overview:

Week 1		Week 2	Week 3			
<b>Day 1</b>	<b>Day 2</b>	No sessions  Time to prepare yourself	<b>Day 3</b>	<b>Day 4</b>		
Preparation Session	Q&A Session (optional)		Practical Exam Part A	Theoretical Exam	Practical Exam Part B	Oral Exam
4 h session with breaks	4 h session with breaks		Task from your selected area 2-4 h time needed to solve/model the tasks	All main layers are covered in the theory NOT limited to your selected area	Tasks from your selected area	Show and explain your solutions Part A + Part B
			<b>No time limit</b>	<b>90 min</b>	<b>60 min</b>	<b>50 min</b>

### 1. Preparation Session | 4.0 h

- > Detailed agenda and exam times
- > Exam preparation including:
  - > Expectations on modeling in the exam and expected level of detail
  - > Tips & Tricks
  - > Examples
- > Technical setup for exam
- > Decision of focus area for practical exam

### 2. Q&A-Session (optional) | 4.0 h

- > No defined contents
- > Contents according to the questions of participants

### 3. Practical Exam Part A | 4.0 h

- > Modeling task to be solved for the chosen focus area

### 4. Exam Day | 4.0 – 6.0 h

- > Theoretical exam [90 min]
- > Practical exam Part B [60 min]
- > Oral Exam [50 min]