

vs | plus academy

Understand. Parameterize. Deepen.



Online training around vs | plus

The vs | academy is the online training platform of vs | verkehrssysteme ag.

It offers structured courses on understanding, parameterizing, and deepening your knowledge of vs | plus, as well as selected special topics.

The courses are practical in nature and based on real planning, testing, and operating scenarios—with vs | studio and vs | mate.

Your Benefits with vs | academy

- **Technically sound**
Content derives directly from the practical experience with vs | plus.
- **Practice-oriented**
Work with realistic example intersections and tools.
- **Flexible & location-independent**
Learn at your own pace—whenever and wherever it suits you.
- **Structured & comprehensible**
Clearly structured learning material with defined learning objectives and assessment through exercises.
- **Personal support**
Support from experienced trainers.

What you will learn

- **Basics of vs | plus**
Understanding the control method, concepts, and parameters.
- **Parameterization with vs | studio**
Creating, customizing, and optimizing traffic-actuated vs | plus controls.
- **Testing and understanding with vs | mate**
Analyzing signal times, requirements, and switching behavior of the control.
- **Special topics & in-depth courses**
Focused courses on selected functionalities.

The screenshot shows a web browser interface for the vs | plus academy. The main content area is titled '3. Times' and '3.1. Theory Green Times'. It explains that in a control unit, signal groups are supplied with a minimum green time. A diagram shows a traffic signal cycle with a green phase of duration t_{gr} and a red phase of duration t_{red} . The text states: 'The minimum green time t_{gr} can be considered as a redundant minimum time to the unit minimum. To prevent vs | plus from issuing an on/off command that is then corrected by the safety level of the control unit, the minimum green time t_{gr} must be at least as large as the unit minimum. The minimum green time t_{gr} is protected by vs | plus under all circumstances. That is, it is given independently of the basic signal.'



vs | verkehrssysteme

vs | verkehrssysteme ag | neue bahnhofstrasse 160 | ch - 4132 muttENZ
phone +41 61 501 41 41 | info@vs-plus.com | www.vs-plus.com



Learn how it is applied in practice

The courses offered by vs | academy are based on real-world work processes:

- Planning and parameterization
- Testing and analysis
- Understanding correlations
- Application in everyday project work

This not only builds knowledge, but also practical skills.

Who is the vs | academy intended for?

- People working in transportation engineering
- Planning offices
- Operators and administrations/municipalities
- Specialists who work or will work with vs | plus

Didactic Concept

The courses combine:

- concise technical texts
- illustrative graphics and videos
- tests and exercises

Participants learn at their own pace, regardless of location or time.

Explore Our Diverse Course Offerings!

Discover tailor-made learning opportunities on our platform.

Pos	Course	Price in CHF
1	vs plus Basic Course (4-7 days approximately)	1'950
2	Prerequisite Test for vs plus Advanced Course (30 minutes)	free
3	vs plus Advanced Course (4-7 days approximately)	2'150
4	vs plus expert: Bedarfsanlagen	700
5	vs plus expert: VMod	950
6	vs plus expert: open vs plus	1'950
7	vs plus expert: Befehlsdatei	free
8	vs plus expert: Restzeitanzeige	free
9	vs plus expert: ZSondereingriff	free

Please Note: The Basic and Advanced Course are available in English.
All other courses are currently offered in German.

Support & Certification

- Personal guidance from trainers for questions (email, chat, and optional video calls)
- Final assessments to verify learning outcomes
- Course certificate available for download upon successful completion

Final test vs | plus basic course

vs | verkehrssysteme

Certificate

Paul Michael Young

Introduction to vs | plus

E-Learning with the following content

- vs | plus - Basics
- vs | plus: [] intersections with basic objects, basics of parameterisation and coordination
- vs | plus with prioritisation of public transport
- Introduction to vs | workSuite (concept / structure and workflow)
- Introduction to testing with vs | test

Tuesday, 19 March 2024

vs | verkehrssysteme ag

Peter Herms
Course instructor

vs | verkehrssysteme ag | neue bahnhofstrasse 190 | ch-4132 muttenz
+41 61 501 41 41 | info@vs-plus.com | www.vs-plus.com

