



VG Academy Training Courses

VG Academy has one goal: to enable you to better solve your inspection tasks with Volume Graphics software. And since each user has a special set of needs, we offer a wide range of training courses in German or English for all our products. Please contact us if you require training in other languages.

Our courses and workshops take place at our VG Academy training centers at all Volume Graphics offices worldwide, ensuring a quiet, professional environment that allows you to fully concentrate on the training. Knowing that a trip to one of our VG Academy locations might not always be feasible, we also offer e-learning courses and in-house training at your company.

VG Academy Training Centers

- > Volume Graphics Headquarters in Heidelberg, Germany
- > Volume Graphics, Inc. in Charlotte, NC, USA
- > Volume Graphics Co., Ltd. in Nagoya, Japan

- > Volume Graphics (Beijing) Technology Co., Ltd. in Beijing, China
- > Volume Graphics Pte. Ltd. in Singapore
- > VG Academy E-Learning Germany / USA / Singapore

Where to Start—Our Basic Training Courses

If you are new to our products and VG Academy, we recommend one of our four basic training courses, each of which emphasizes different fields of interest.

VGSTUDIO MAX Basic Training – Geometry

- > Target group: New users who measure and analyze the geometrical properties of parts
- > Prerequisites: None; however, we recommend that you familiarize yourself with the software before the course begins
- > Duration: 3 days
- > Content: VGSTUDIO MAX Basics, Registration, Coordinate Measurement, Nominal/Actual Comparison, Wall Thickness Analysis

VGSTUDIO MAX Basic Training – Cast & Mold

- > Target group: New users who are interested in the geometrical properties of parts and conduct porosity/inclusion analyses
- > Prerequisites: None; however, we recommend that you familiarize yourself with the software before the course begins
- > Duration: 4 days
- > Content: VGSTUDIO MAX Basics, Registration, Coordinate Measurement, Nominal/Actual Comparison, Wall Thickness Analysis, Porosity/Inclusion Analysis

VGSTUDIO MAX Basic Training – Material

- > Target group: New users who require detailed insight into the material properties of parts
- > Prerequisites: None; however, we recommend that you familiarize yourself with the software before the course begins
- > Duration: 3 days
- > Content: VGSTUDIO MAX Basics, Segmentation, Porosity/Inclusion Analysis, Foam/Powder Analysis, Fiber Composite Material Analysis, Structural Mechanics Simulation, Transport Phenomena Simulation

VGSTUDIO MAX Basic Training – Life Sciences, Paleontology, Archeology (English only)

- > Target group: Scientists from the fields of life sciences, paleontology, archeology, and related disciplines
- > Prerequisites: None; however, we recommend that you familiarize yourself with the software before the course begins
- > Duration: 3½ days
- > Content: Basics, concepts, and workflows in VGSTUDIO MAX using organic and multi-material CT data with focus on segmentation, visualization, and select analyses



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How to Continue—Our Boot Camps

Once you have a solid foundation, our advanced boot camps enable you to fine-tune your expertise.

VGSTUDIO MAX Boot Camp - Coordinate Measurement

- > Target group: Experienced users who require practice-oriented insights into coordinate measurement
- > Prerequisites: Prior participation in a VG Academy Training
- > Duration: 2 days
- > Content: Requirements, workflows, and concepts of coordinate measurement, implementation of measurement plans, dedicated time for independent work on exercises

VGSTUDIO MAX Boot Camp – Segmentation

- > Target group: Experienced users who wish to become more efficient using the various segmentation tools
- > Prerequisites: Prior participation in a VG Academy training
- > Duration: 1 day
- > Content: Workflow and general strategies for using gray value and shape-based segmentation tools efficiently, dedicated time for independent work on exercises

VGSTUDIO MAX Boot Camp – Porosity/Inclusion Analysis

- > Target group: Experienced users who are interested in a practice-oriented session on Porosity/Inclusion Analysis
- > Prerequisites: Prior participation in a VG Academy training
- > Duration: 2 days
- > Content: Requirements, strategies, and solutions for using Porosity/Inclusion Analysis more successfully, dedicated time for independent work on exercises

VGSTUDIO MAX Boot Camp – Automation

- > Target group: Experienced users who are interested in a hands-on course for automation processes
- > Prerequisites: Prior participation in a VG Academy training
- > Duration: 1 day
- > Content: Requirements, scenarios, and workflows for using the automation tool more productively, dedicated time for independent work on exercises

How to Elevate Your Expertise—Our Upgrade Training Course

Are you familiar with VGSTUDIO MAX but want to ensure you're fluent in the latest functionalities? Refresh your knowledge and boost your skills in our upgrade training course.

VGSTUDIO MAX Upgrade Training

- > Target group: Experienced users who are interested in new features
- > Prerequisites: Experience in working with VGSTUDIO MAX
- > Duration: 3 days
- > Content: Integration of new functionalities into existing workflows, optimization of your work with VGSTUDIO MAX, and additional use cases that are possible thanks to new software functionalities

How to Expand Your Self-Taught Knowledge—Our Power Training Course

Have you been using VGSTUDIO MAX for several years but have yet to complete a training course? Our comprehensive power training will systematically teach you how to perfect your use of our software.

VGSTUDIO MAX Power Training

- > Target group: Experienced users with a wide range of inspection and analysis tasks
- > Prerequisites: Several years of experience with VGSTUDIO MAX
- > Duration: 4 days
- > Content: VGSTUDIO MAX Basics, Coordinate Measurement, Nominal/Actual Comparison, Wall Thickness Analysis, Porosity/Inclusion Analysis, Foam/Powder Analysis, Fiber Composite Material Analysis, Structural Mechanics Simulation, Transport Phenomena Simulation

How to Solidify your Expertise—Our Individual Software Workshops

The next step after attending one of our public training courses is to work on your own data in an individual workshop. Our trainers tailor the workshop to your specific questions and needs, which also determine the workshop duration (1–3 days).

How to Sign Up

If you wish to participate in a training course or if you have any further questions, please contact us via e-mail at academy-us@volumegraphics.com or by phone +1 704 248 7736 Ext. 110.

The interactive training consultant on our website is also an excellent resource for finding a course that's right for you.