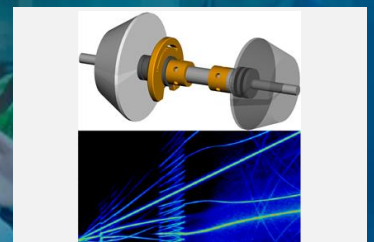


SIMPACK NVH

SIMULIA COURSE DESCRIPTION



Level: Advanced
Products: Simpack
Disciplines: Motion & Multibody System

Audience
 Simpack users interested in linear and nonlinear acoustics and vibration analyses will benefit from this course.

Why take this course?

This course covers the fundamental theory necessary to understand NVH, along with a detailed look at the NVH functionality within Simpack. Using prepared models, participants have the opportunity to experiment with and compare the various methods.

What will you learn?

Upon completion of this course you will be able to:

- Understand NVH fundamentals and application areas
- Understand NVH functionality within Simpack
- Frequency response functions
- Linear system response
- Spectral analysis
- Frequency sweep

- Nonlinear Frequency Pass
- Order Analysis
- Operating Deflection Shapes
- Radiated power from structural surface vibration
- Use these methods with complete road and rail vehicles

Explore Your Learning Options

Live Sessions	Engage in Real-Time, interactive group workshops guided by experts. Learn and collaborate live in your preferred language and time zone.	Join a live session
On-Demand Learning	Access expert-designed courses anytime, anywhere. Perfect for independent learners looking to build skills on their schedule.	Start Learning Now
Private Training	Exclusive, tailor-made sessions designed to meet your team's unique goals with expert guidance.	Contact Us for Custom Training



Gain hands-on experience and master real-world workflows through guided, practical training sessions.

Model and analyze the dynamic behavior of multibody systems for accurate motion and vibration predictions.

– SIMULIA Training Expert Team

What You Need to Know Before Starting

Introduction to Simpack course

Want to Learn More?

Expand your knowledge by exploring our [course Catalog](#) and browsing learning paths on [Eduspace](#), our dedicated e-learning platform.

Join the Community!

[Join the SIMULIA community](#) to connect, learn, and stay updated.



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