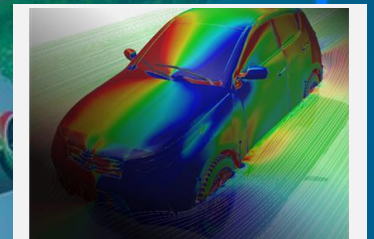


INTRODUCTION TO POWERFLOW

SIMULIA COURSE DESCRIPTION



Level: Fundamental
Products: PowerFLOW
Disciplines: Fluids

Audience
CFD Analysts

Why take this course?

This course is intended for new users of PowerFLOW or those who have recently started using PowerCASE® and PowerVIZ®. Simplified external aerodynamics flow around a passenger vehicle is used to explain key concepts, although sufficient information is provided to enable you to perform routine PowerFLOW simulations for any application.

What will you learn?

Upon completion of this course you will be able to:

- Understand basic PowerFLOW concepts
- Generate a basic PowerFLOW simulation case
- Postprocess and analyze PowerFLOW results
- Understand basic geometry creation requirements for PowerFLOW simulation
- Understand basic LBM theory

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.

Perform aerodynamic and thermal analyses using end-to-end CFD workflows on realistic geometries.

– SIMULIA Training Expert Team

What You Need to Know Before Starting

Basic familiarity with CFD

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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