

INTRODUCTION TO POWERDELTA

SIMULIA COURSE DESCRIPTION



Level: Fundamental
Products: PowerFLOW
Disciplines: Fluids

Audience
CFD Analysts and new PowerDELTA users

Why take this course?

This two-day introductory class is intended for new users of PowerDELTA. This course is intended to complement the Introduction to PowerFLOW seminar, which describes how to perform CFD analyses with PowerFLOW.

What will you learn?

Upon completion of this course you will be able to:

- Understand basic geometry preparation requirements for PowerFLOW simulation.
- Create geometry for aerodynamics analysis simulation.
- Analyze, identify, and correct mesh issues to produce high quality PowerFLOW meshes.
- Efficiently prepare watertight geometry using the available editing tools.

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

This course is recommended for new PowerDELTA users. Some familiarity with interactive preprocessors is helpful but not required. Basic familiarity with CFD is recommended.

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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