

INTRODUCTION TO POWERTHERM

SIMULIA COURSE DESCRIPTION



Level: Fundamental
Products: PowerFLOW
Disciplines: Fluids

Audience
Thermal Analysts

Why take this course?

PowerTHERM® is a digital thermal management solution that has been extensively validated. This course is intended for users interested in running PowerFLOW® and PowerTHERM® coupled simulations. The software allows users to predict surface temperatures and heat fluxes generated by heat radiation, conduction, and convection.

What will you learn?

Upon completion of this course you will be able to:

- Understand basic PowerTHERM concepts
- Understand how to predict surface temperatures
- Understand how to identify problem areas and

provide recommendations to improve the design

- Understand how to use PowerTHERM to quickly make design changes to baseline and evaluate thermal performance improvements

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 PowerFLOW

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.



3DEXPERIENCE®

Dassault Systèmes is a catalyst for human progress. Since 1981, the company has pioneered virtual worlds to improve real life for consumers, patients and citizens.

With Dassault Systèmes' 3DEXPERIENCE platform, 370,000 customers of all sizes, in all industries, can collaborate, imagine and create sustainable innovations that drive meaningful impact.

For more information, visit: www.3ds.com

Europe/Middle East/Africa
Dassault Systèmes
10, rue Marcel Dassault
CS 40501
78946 Vélizy-Villacoublay Cedex
France

Asia-Pacific
Dassault Systèmes
17F, Foxconn Building,
No. 1366, Lujiazui Ring Road
Pilot Free Trade Zone, Shanghai 200120
China

Americas
Dassault Systèmes
175 Wyman Street
Waltham, Massachusetts
02451-1223
USA

**Virtual Worlds
for Real Life**

