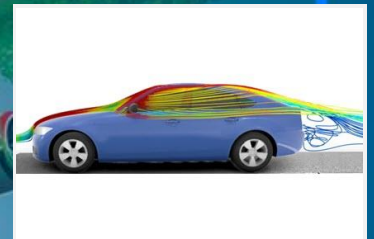


FLUID SIMULATION ESSENTIALS

SIMULIA COURSE DESCRIPTION



Level: Fundamental
Products: 3DEXPERIENCE
Disciplines: Fluids

Audience
This course is intended for all roles that enable the Fluid Scenario Creation app, including:
· Fluid Dynamics Engineer

Why take this course?

This course is an introduction to solving fluid flow and conjugate heat transfer problems in the 3DEXPERIENCE platform. In this course, you will learn workflows for steady-state internal and external flow as well as Conjugate Heat Transfer (CHT) problems through the Fluid Model Creation and Fluid Scenario Creation apps.

What will you learn?

Upon completion of this course, you will be able to:

- Define fluid flow simulations in the 3DEXPERIENCE platform, including isothermal internal and external steady-state flow.

- Perform fully coupled conjugate heat transfer (CHT) simulations.
- Postprocess flow simulation results.

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.

Run simulations collaboratively within the 3DEXPERIENCE platform, connecting design, data, and analysis seamlessly.

– SIMULIA Training Expert Team

What You Need to Know Before Starting

The following course is strongly recommended prior to taking this one:

- Getting Started with Physics Simulation

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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