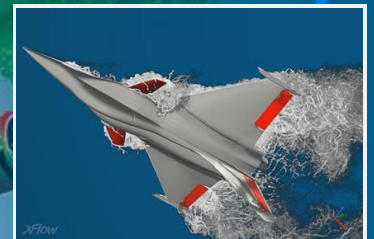


# XFLOW COMPLETE

## SIMULIA COURSE DESCRIPTION



**Level:** Advanced  
**Products:** XFlow  
**Disciplines:** Fluids

**Audience**  
 Engineers with knowledge or experience in CFD

### Why take this course?

This course covers all the XFlow capabilities and how to set up and postprocess all kind of simulations in Xflow

### What will you learn?

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

- Use the different features available for all XFlow solvers: Single Phase, Free surface, Multiphase solvers
- Set up internal and external simulations using the XFlow solvers
- Use the postprocessing tools of XFlow
- Set up thermal and acoustics analysis in XFlow

- Set up simulations in XFlow with different moving parts behaviors
- Understand the Lattice-Boltzmann Method used in XFlow
- Run Co-simulations with other SIMULIA products via the Co-simulation Engine

### Explore Your Learning Options

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



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

Explore unsteady flow behavior and transient aerodynamics using particle-based CFD simulation.

– SIMULIA Training Expert Team

**What You Need to Know Before Starting**

This course has no prerequisites.

**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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