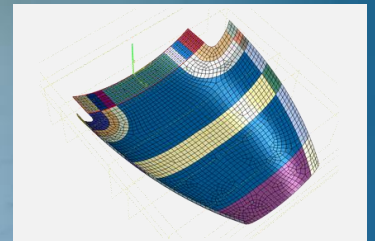


COMPOSITES MODELER FOR ABAQUS/CAE

SIMULIA COURSE DESCRIPTION



Level: Advanced
Products: Abaqus
Disciplines: Structures

Audience
 This course is recommended for users who are already familiar with the native Abaqus/CAE composites modeling functionality.

Why take this course?

This is a two-day course on Composites Modeler for Abaqus/CAE, an add-on product that complements and extends the powerful ply modeling features in Abaqus/CAE. Composites Modeler for Abaqus/CAE provides proven fiber simulation capabilities and advanced model building—all seamlessly integrated within Abaqus/CAE. It allows you to model composite structures in Abaqus/CAE in a way that reflects the composite's manufacturing processes.

What will you learn?

In this course you will learn:

- How to use Composites Modeler for Abaqus/CAE to account for accurate fiber angles and ply thicknesses in Abaqus simulations to achieve unprecedented accuracy
- How to review and quickly modify your composites models to iteratively improve your designs
- How to use your composites model to generate manufacturing data thereby ensuring that the analyzed model closely corresponds to the real structure

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.

Apply nonlinear analysis techniques to simulate complex structural and multiphysics problems accurately.

– SIMULIA Training Expert Team

What You Need to Know Before Starting

The Analysis of Composite Materials with Abaqus course is recommended as a prerequisite. At the very least, attendees should be familiar with the Abaqus/CAE composite layup functionality. Attendees should also be comfortable post-processing the results of

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!

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