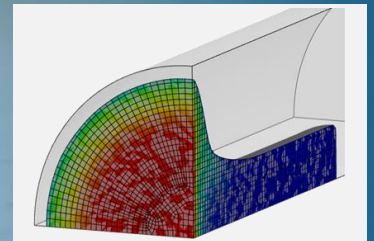


MECHANICAL SCENARIO CREATION: ADVANCED TOPICS

SIMULIA COURSE DESCRIPTION



Level: Advanced
Products: 3DEXPERIENCE
Disciplines: Structures

Audience
This course is intended for the following roles:

- Structural Mechanics Engineer
- Structural Analysis Engineer

Why take this course?

This course is an overview of selected advanced topics related to simulation with the Mechanical Scenario Creation app on the 3DEXPERIENCE platform. The topics are independent of each other. Thus, you may consider only those topics of interest and examine them in any order.

What will you learn?

Upon completion of this course, you will be able to:
Use advanced structural simulations techniques including

- Riks Analysis
- Submodeling
- Substructures
- Coupled Eulerian-Lagrangian Analysis
- Smoothed Particle Hydrodynamics
- Tire Analysis

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

Either of the following courses is required prior to taking this one:

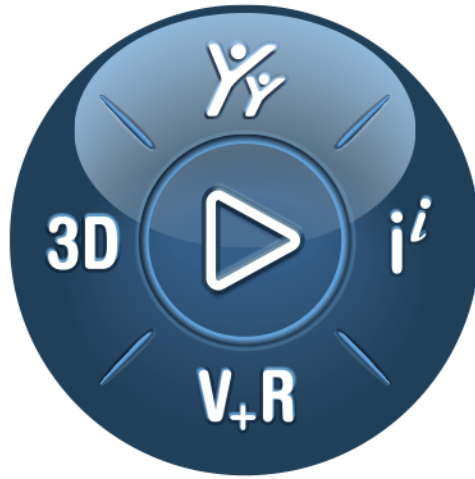
- Structural Simulation Essentials
- Mechanical Scenario Creation Essentials

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.

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for Real Life**

