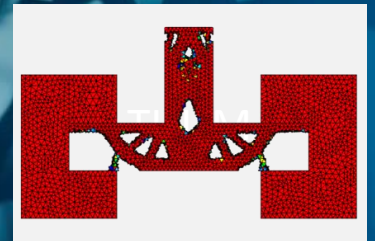


TOSCA STRUCTURE.NONLINEAR: OPTIMIZATION FOR STRUCTURES WITH NONLINEARITY

SIMULIA COURSE DESCRIPTION



Level: Advanced

Products: Tosca

Disciplines: Design Exploration & Optimization;
Structures

Audience

Simulation Analysts, Tosca Structure users

Why take this course?

In this course you will learn how to perform structural optimization (topology and shape optimization) based on nonlinear simulation results.

What will you learn?

Upon completion of this course you will be able to perform topology, shape and sizing optimization considering:

- Contact
- Nonlinear materials
- Nonlinear geometries

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 topology and shape optimization techniques to design lighter, more efficient structures.

– SIMULIA Training Expert Team

What You Need to Know Before Starting

Basic knowledge of Tosca Structure

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**

