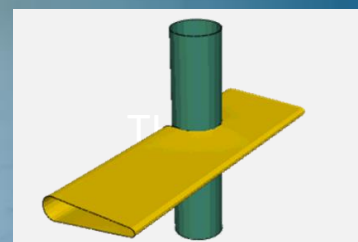


CZONE FOR ABAQUS

SIMULIA COURSE DESCRIPTION



Level: Advanced
Products: Abaqus
Disciplines: Structures

Audience
 This course is recommended for experienced users of Abaqus/Explicit who will perform crush analysis of composite structures.

Why take this course?

This half-day course is an introduction to CZone for Abaqus (CZA), an add-on capability to Abaqus/Explicit that provides access to a state-of-the-art methodology for crush simulation. Based on CZone technology from Engenuity Ltd., CZone for Abaqus provides for inclusion of material crush behavior in Abaqus/Explicit simulations of composite structures subjected to impact.

What will you learn?

Upon completion of this course you will be able to:

- Include crushable composite structures in your impact simulations
- Understand guidelines for defining crushable composite materials based on composite coupon and component testing
- Incorporate crushable composite structures into your models and postprocess CZA analysis 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.

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

– SIMULIA Training Expert Team

What You Need to Know Before Starting

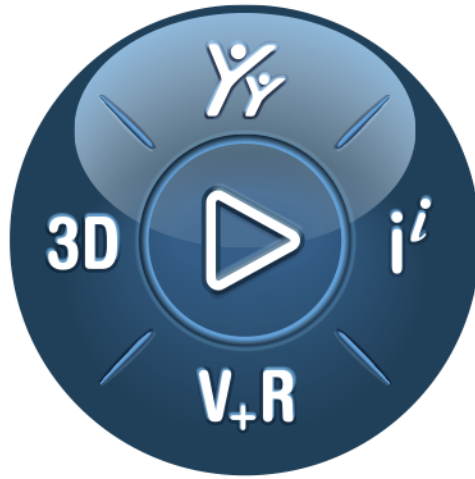
The Abaqus/Explicit: Advanced Topics and Analysis of Composite Materials with Abaqus courses are recommended as prerequisites. Experience using Abaqus/Explicit is also recommended.

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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