

Learning Module

CZone for Abaqus

By attending this half-day class you will learn how to include crushable composite structures in your impact simulations.

Objectives

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 how to postprocess CZA analysis results.

Knowledge Prerequisites

The Abaqus/Explicit: Advanced Topics and Analysis of Composite Materials with Abaqus seminars are recommended as prerequisites.

Language(s) for selected release

English

Brands

Simulia

Available Releases

SIMULIA 2021, SIMULIA 2020, SIMULIA 2019, SIMULIA 2018, SIMULIA 2017, SIMULIA 2016, SIMULIA V6.14, SIMULIA V6.13, SIMULIA V6.12

Duration

4 hours

Discipline

Advanced Abaqus

Contents

Overview - CZone for Abaqus

- 1 - Modeling Crushable Composite Materials
- 2 - Creating a CZA Model
- 3 - CZA Postprocessing