

Process Experience Studio Essentials

R2017x



3DEXPERIENCE®

Instantiate Beam Study Experience Template Design Preview

Cantilever Beam

Date Executed
Pick a date

Young's Modulus
1000000.0

Poisson Ratio
0.3

Pressure Load(KPa)
100.0

Input File Name
 Requirement000...

[Change Reference](#)

About this Course

Course objectives

Upon completion of this course you will be able to:

- ▶ Produce simulation experiences
- ▶ Create experience user interfaces

Targeted audience

This course is intended for the following role:

- ▶ Simulation Process Method Developer

Prerequisites

The following course is required prior to taking this one:

- ▶ Process Composer Essentials



2 hours

Day 1

- ▶ Lecture 1 Introduction
- ▶ Lecture 2 Building, Previewing and Managing Experiences
- ▶ Workshop 1 Spring Analysis Process Template

Join the Community!

How can you maximize the robust technology of the SIMULIA Portfolio ?
Connect with peers to share knowledge and get technical insights

Go to www.3ds.com/slc
to log in or join!



 SIMULIA

Let the SIMULIA Learning Community be *Your* Portal to 21st Century Innovation

Discover new ways to explore how to leverage realistic simulation to drive product innovation. Join the thousands of Abaqus and Isight users who are already gaining valuable knowledge from the SIMULIA Learning Community.

For more information and registration, visit 3ds.com/simulia-learning.
Connect. Share. Spark Innovation.

 | The 3DEXPERIENCE Company

SIMULIA Training

<http://www.3ds.com/products-services/simulia/services/training-courses/>

Home ... SIMULIA SERVICES TRAINING COURSES SCHEDULE & REGISTRATION

SIMULIA

in f t YouTube

CONTACT SALES

SIMULIA SERVICES

PROVIDING HIGH QUALITY SIMULATION AND TRAINING SERVICES TO ENABLE OUR CUSTOMERS TO BE MORE PRODUCTIVE AND COMPETITIVE.

Training Schedule & Registration

We offer regularly scheduled public seminars as well as training courses at customer sites. An extensive range of courses are available, ranging from basic introductions to advanced courses that cover specific analysis topics and applications. On-site courses can be customized to focus on topics of particular interest to the customer, based on the customer's prior specification. To view the worldwide course schedule and to register for a course, visit the links below.

North American

- > By Location
- > By Course

International

- > By Location
- > By Course

Live Online Training

- > Full Schedule

Legal Notices

The software described in this documentation is available only under license from Dassault Systèmes or its subsidiaries and may be used or reproduced only in accordance with the terms of such license.

This documentation and the software described in this documentation are subject to change without prior notice.

Dassault Systèmes and its subsidiaries shall not be responsible for the consequences of any errors or omissions that may appear in this documentation.

No part of this documentation may be reproduced or distributed in any form without prior written permission of Dassault Systèmes or its subsidiaries.

© Dassault Systèmes, 2017

Printed in the United States of America.

Abaqus, the 3DS logo, and SIMULIA are trademarks or registered trademarks of Dassault Systèmes or its subsidiaries in the US and/or other countries.

Other company, product, and service names may be trademarks or service marks of their respective owners. For additional information concerning trademarks, copyrights, and licenses, see the Legal Notices in the **3DEXPERIENCE** User Assistance.

Revision Status

Lesson 1	2/17	Updated for R2017x
Lesson 2	2/17	Updated for R2017x
Workshop 1	2/17	Updated for R2017x

Lecture 1: Introduction

Lesson content:

- ▶ V+R Process Apps
 - ▣ Simulation Companion
 - ▣ Process Composer
 - ▣ Process Experience Studio
 - ▣ Performance Study
 - ▣ Results Analytics
- ▶ Experiences



30 min

Lecture 2: Building, Previewing and Managing Experiences

Lesson content:

- ▶ Process Experience Studio UI
- ▶ Building an Experience UI
- ▶ Experience Studio Design Tools
 - ▣ Heading
 - ▣ Text Input
 - ▣ Text Area
 - ▣ Date
 - ▣ Multi-value Text Input
 - ▣ Checkbox
 - ▣ Slider
 - ▣ Separator
 - ▣ Dropdown List
 - ▣ Content Browser
- ▶ Managing the Experience
- ▶ Instantiating an Experience



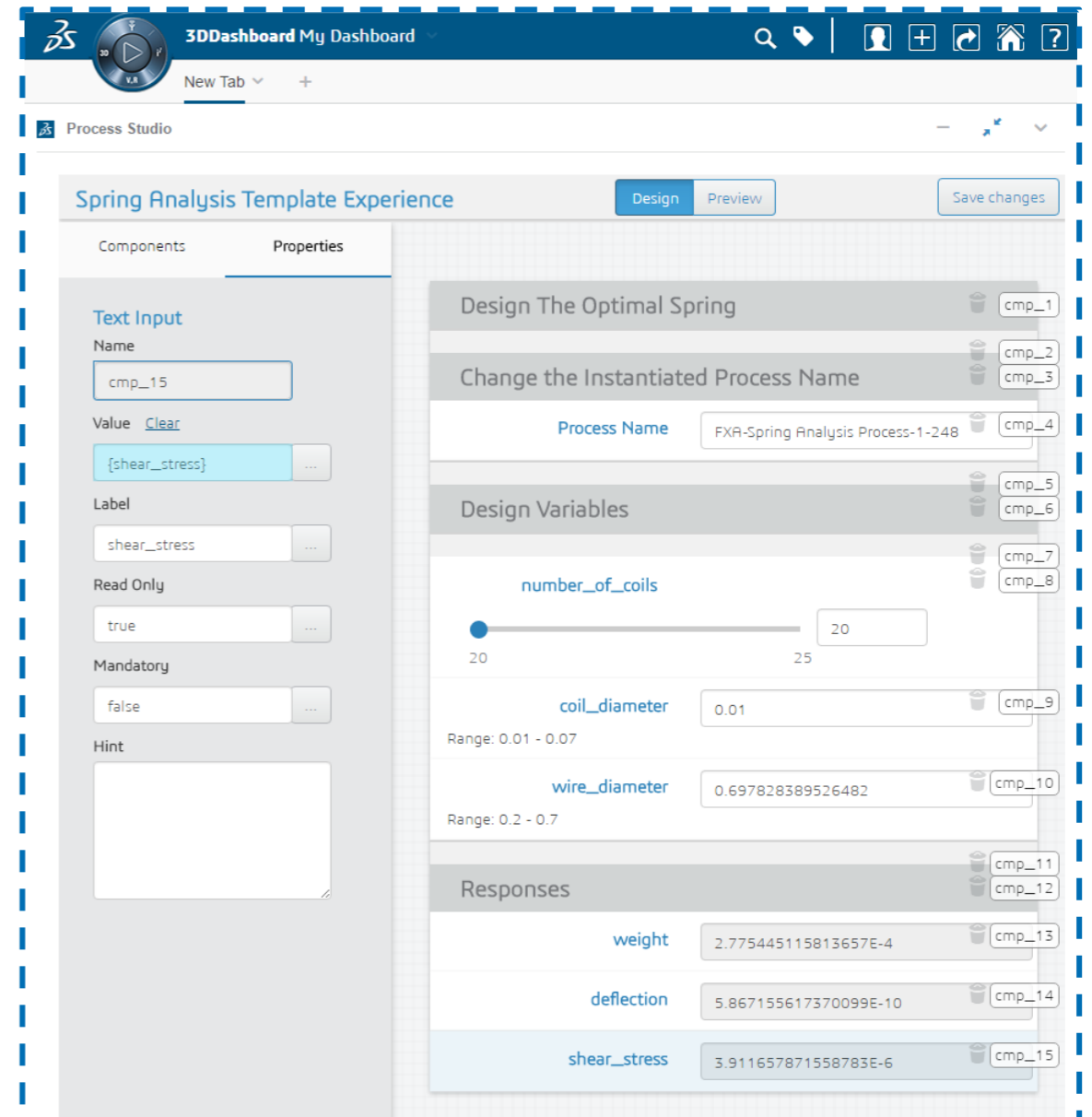
45 min

Workshop 1 : Spring Analysis

In this workshop, you will become familiar with the Process Experience Studio app in the 3DEXPERIENCE Platform and learn to perform basic operations.

After completion of this workshop, you will be able to:

- Create a template from a simulation process
- Create a customized form for the template
- Instantiate the template and run a job



45 minutes