THERCAST®

NEW

New Functionalities of THERCAST® NxT 3.1

Are you already familiar with the new THERCAST® NxT environment and do you want to improve your knowledge of the software? Discover the new features in NxT 3.1 and learn the best practices right now to make the best out of the software!

At the end of this training, you will have full knowledge of the functionalities in NxT 3.1. First, you will explore the new interface features and the latest modelling capabilities introduced in this version. You will then work through examples showcasing the enhanced process tools, solver improvements, and advanced physical models. THERCAST® NxT 3.1 improves your experience through user interface customization, faster and easier navigation, and new shortcuts.

LEVEL

Intermediate

PREREQUISITES

A first experience with THERCAST® software is required

GOALS

- **Master all the new features of THERCAST® NxT 3.1**
- **Take full advantage of these features according to your area of activity**
- **Improve the quality of cast parts thanks to increasingly predictive results**

TRAINING	DURATION	PRICE EXCL. TAX	PARTICIPANTS
In-company	1 day	€1400 per training	1 to 3 people

Introduction	· Presentation of Transvalor · Course goals
New Interface Features	· Multi-property assignment · Refactoring of calculation options · Refactoring of the material data tool · Syntax · Depth graph · Storage manager · Busy loop
New Features	· Permeability · Air bubbles · Gas bubble generator · Controlled flow rate · Storage of the CAFE method
Process Innovations	· Continuous casting machine generator - Refactoring and numerous improvements - Selection of a roller or spray directly from the interface - Copy multiple rollers and sprays across several metallurgical lengths · High-pressure casting · Lost-foam casting
Segregation Models	· Columnar-to-equiaxed transition
Solver Improvements	· Stabilization of thermomechanical calculations · ALE
Conclusions	· Questions and course assessment

A NEW GENERATION SIMULATION EXPERIENCE

TRANSVALOR