

Creo: Generative Topology Optimization

Find a Class

COURSE TYPE

- Technology

DURATION

- 3 Hours

DELIVERY METHOD

- Online
- Regional Classroom
- Onsite

DELIVERY LANGUAGES

- English

COURSE OVERVIEW

In this course, you will learn about Creo Parametric's new Generative Topology Optimization (GTO) functionality. You will create, optimize, and generate the models by specifying a set of system design requirements.

TARGET AUDIENCE

Users with basic knowledge of Creo Parametric will benefit from this course. Knowledge of multibody modeling is preferred.

PREREQUISITES

- Creo Parametric Fundamentals Certification

LEARNING OBJECTIVES

- Apply the Generative Design framework in the product design
- Using the Generative Design functionality, you will learn how to do the following:
 - Define design spaces
 - Define physics
 - Set design criteria and study settings
 - Optimize and validate the results
 - Generate design
 - Apply best practices while generating the design