

# Creo Parametric 7.0 Training

## Introduction to Solid Modeling



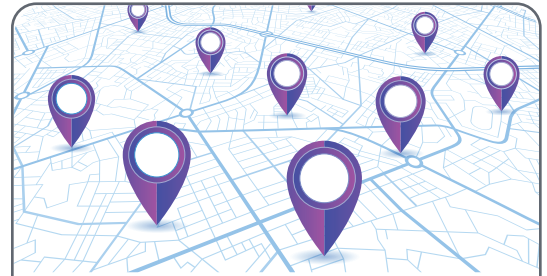
### Course Length: 5 days

This training course provides you with an understanding of the process of designing models with Creo Parametric through a hands-on, practice-intensive curriculum. You will learn the key skills and knowledge required to design models using Creo Parametric, starting with 2D sketching, through to solid part modeling, assembly creation, and drawing production.

### Course Topics:

- Creo Parametric fundamentals and interface
- Principles behind design intent
- Manipulating a model
- Creo Parametric file management
- Part creation and modification
- Sketching and creating geometry
- Sketcher mode functionality (sketching and dimensioning)
- Datum features
- Duplication techniques (patterns, mirroring)
- Creating relations to capture design intent
- Creo Parametric customization
- Working with multiple bodies
- Design documentation and detailing
- Feature management
- Sweeps and blends
- Assembly creation and manipulation
- Parent/Child relationships in Creo Parametric models
- Model Analysis
- Multibody Design Basics
- Feature failure resolution
- Effective modeling techniques

**Prerequisites:** Experience in mechanical design and drawing production is recommended.



### On-Site Training

Rand 3D offers its Creo Parametric classes at your preferred location. You provide the site and software, and we'll take care of the rest!

In addition to the expertise you'll receive from our instructors, attendees will receive a copy of the learning guide to keep for future reference, and a Certificate of Completion.

For class pricing, please contact your Education Sales Representative.

**Contact us:**  
[training@rand.com](mailto:training@rand.com)  
**877.726.3243**



Class curriculum is developed by ASCENT, developers of professional training courseware and technical documentation for Autodesk, Dassault Systèmes and PTC software.