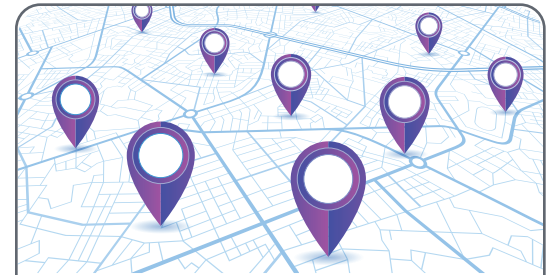# CATIA V5-6R2018 Training

Advanced Part Design

Course Length: 2 days

This course is ideal for experienced CATIA users who want to extend their modeling abilities with advanced functionality and techniques. This extensive hands-on course contains numerous projects focused on process-based exercises to give students practical experience while improving design productivity. Students learn techniques for reusing data, tackling complex geometry, using wireframe, working through feature failure, and investigating the model with analysis tools.

Course Topics:

- Effective modeling practices and design methodology review
- Advanced multi-section solid and rib/slot operations
- Advanced draft and fillet creation and troubleshooting techniques
- Advanced patterning techniques and user patterns
- PowerCopy creation and instantiation
- Design tables
- Catalog creation
- Creating and managing multi-model links
- Multi-body modeling techniques
- Performing Boolean operations
- Knowledge Templates
- Wireframe Lines and Curves
- Analysis Tools
- Feature Failure Resolution
- Thickness, Remove Face, and Replace Face features
- Introduction to Automation

Prerequisites: CATIA Introduction to Modeling, plus 80 hours of CATIA experience

Learn Where It's Convenient for You

Attend Classes:

- Online with an instructor
- At one of our training centers
- At your on-site training facility
- At a location of your choice (via our mobile training labs)

Contact us:
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.