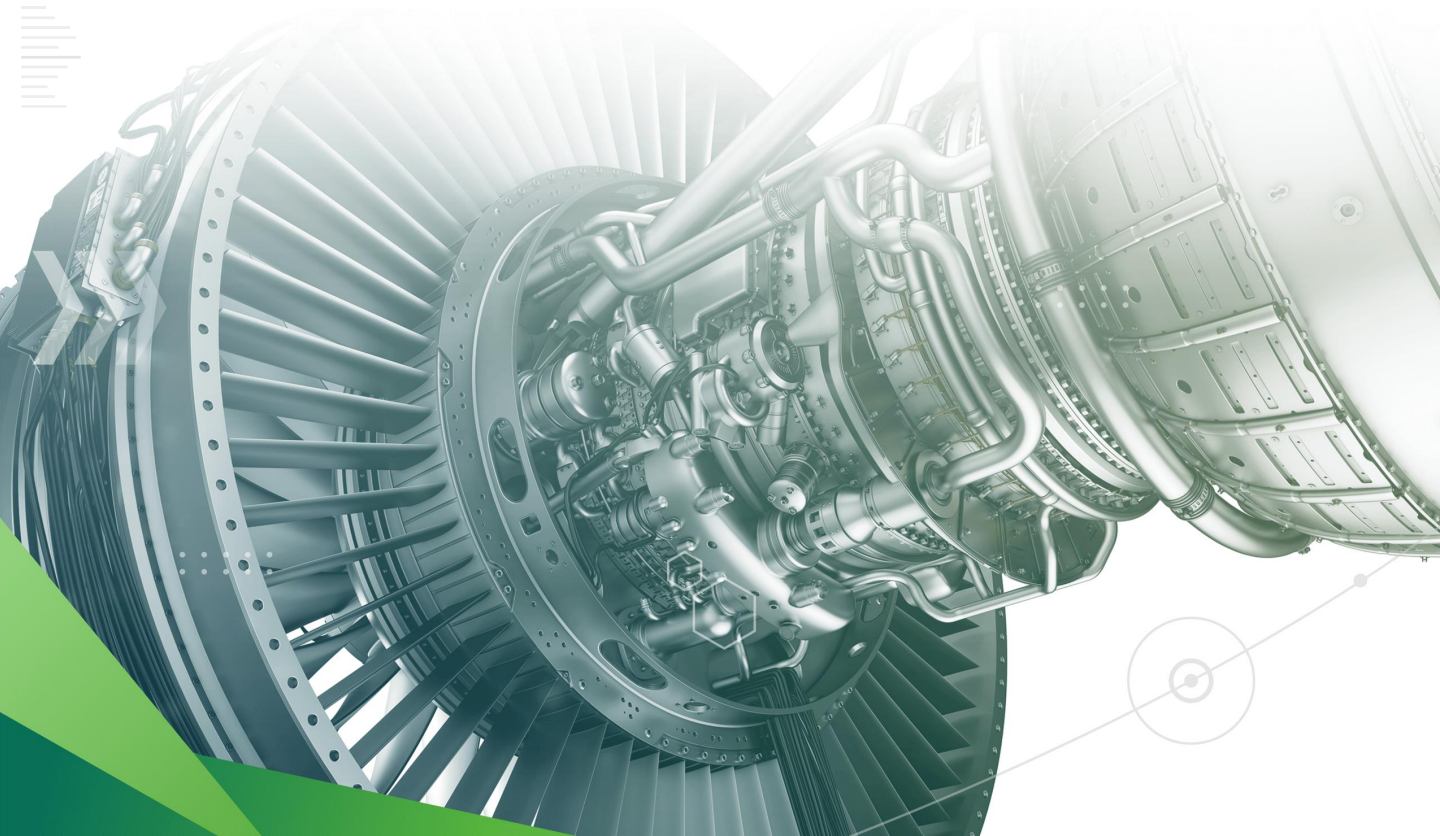
ptc university

Practical Exam Study Guide

CREO USER MODELING SPECIALIST



STUDY GUIDE SECTIONS

This study guide will help you prepare for your exam. It describes the skills and prerequisite coursework you need to succeed and provides sample questions. The study guide includes the following sections:

- FAQ
- Sample Questions

FAQ

What is the Creo User Modeling Specialist Exam?

Being a certified Creo User Modeling Specialist validates advanced-level knowledge and application taught in PTC University's LEARN Online curriculum.

Designers and engineers who are certified as a Creo User Modeling Specialist can capture design intent in Sketcher by creating 2D sketches and by using various tools to create solid 3D geometry.

What can I expect when I take the practical exam?

Practical exams consist of a random set of questions based on use cases from PTC University courses. Project specifications and lab files provide the resources you need to correctly answer each question. You should plan to spend at least two hours on your exam, but you can take up to three consecutive hours to complete it. The exam will submit automatically after three hours and the provided virtual learning environment will disconnect.

Do I need to earn the Creo User Certification before I try a specialist exam?

No, but completing the Creo User Exam can prepare you for the Creo User Modeling Specialist Exam.

How are certifications used?

This digital credential gives your employers and peers concrete evidence of your capabilities. Once accepted, digital credentials can be shared to your social media accounts, embedded in your online resume, or attached to your email signature.

FAQ

How long are certifications valid?

Specialist certification credentials are valid for two years. You can retake the exam each year to stay up to date with the latest software knowledge.

What skills should I have before I take the Creo User Modeling Specialist Exam?

- Modeling Parts Framework
- Sketcher Geometry
- Dimensioning Schemes
- Selection
- Layers
- Holes
- Shells
- Draft
- Rounds and Chamfers
- Ribs
- Blends
- Sweeps
- Spinal and Toroidal Bends
- Patterns
- Multibody Design
- Family Tables
- Intelligent Fastner Extension

Which classes do you recommend I take before starting the Creo User Modeling Specialist Exam?

- Creo: Modeling Productivity Tools
- Creo: Sketching Productivity Tools
- Creo: Advanced Modeling 1
- Creo: Advanced Modeling 2
- Creo: Multibody Design
- Creo: Create a Library of Parts

FAQ

How do I earn a certification?

Getting certified requires serious preparation. Learners who achieve a passing score have hands-on experience with the solution, complete all recommended courses, or do both. For those who complete the recommended courses, the most prepared learners take sufficient notes, participate in class discussions, and finish all course exercises.

The subject material covered by this exam can be found under the Creo Modeling Training Catalog section.

The process looks like this:

- Take the recommended courses.
- Register for the exam.
- Review the course materials to prepare.
- Take the exam and earn a passing score of 80%.
- Check your email for a completion notification.
- Accept the digital credential on Credly.

ENROLL NOW

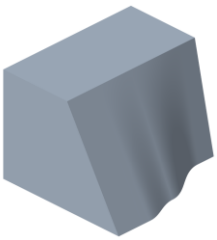
SAMPLE QUESTIONS

The following questions are representative of what you will see in the practical exam. You cannot answer the sample questions because they depend on additional information provided in the virtual lab environment. Sample questions are meant to show an example of what you will encounter and are not intended as a practice exam.

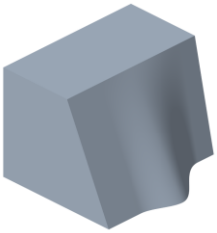
Sample Question 1

Open SAMPLE1.PRT and reverse the location of the 25˚and 12˚ draft angles. What is the resulting geometry?

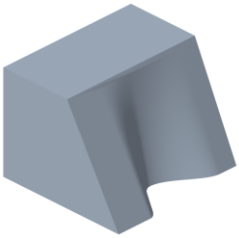
a.



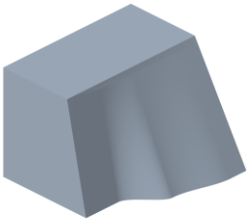
b.



c.



d.

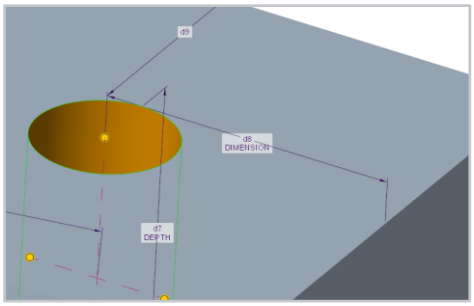


SAMPLE QUESTIONS

Sample Question 2

Open SAMPLE2.PRT.

Create a dimension pattern of the following hole feature using three pattern members, a dimension increment of 25, and a depth increment of 5.



What is the resulting surface area? (mm^2)

a. 2.63 e+04

b. 2.69 e+04

c. 2.35 e+04

d. 2.58 e+04