

ptc university



# Curriculum Guide

Creo Illustrate 4.2



## Live Classroom Curriculum Guide

- Introduction to PTC Creo Illustrate Professional 4.2



## Introduction to PTC Creo Illustrate Professional 4.2

### Overview

Course Code TRN-4558-T

Course Length 8 Hours

In this course, you will learn about Creo Illustrate and its role as a purpose-built, role-based solution for creating 3-D technical illustrations. You will learn how to dynamically create technical illustrations from existing 3-D CAD data. You will also learn how to map existing eBOM data to populate an illustration-specific sBOM. In addition, you will learn how to manipulate imported 3-D viewables to create service information content including service procedures, parts identification, training materials, and product assembly and disassembly. Finally, you will learn how to create markup and annotations in figures and animations.

At the end of each module, you will complete a set of review questions to reinforce critical topics from that module. At the end of the course, you will complete a course assessment in PTC University Proficiency intended to evaluate your understanding of the course as a whole.

This course has been developed using Creo Illustrate 4.2 F000 Build 23.



### Course Objectives

- Demonstrate fundamental Creo Illustrate illustration and figure creation steps to produce an illustration-specific sBOM from imported 3-D CAD data
- List and describe methods and tools used to create exploded views, create section cuts, and remove graphic objects from an illustration
- Modify illustrations by adding rendering styles, color, and work with the Creo Illustrate 3-D symbols library
- Create and manage a parts list from the Creo Illustrate sBOM
- Create step-wise documentation using the Sequencer module
- Use the Creo Illustrate Animator tools to create animated illustrations
- Create parts list callouts and annotations in illustration figures
- Save, export, and publish illustrations



## Prerequisites

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- Familiarity with Windows-based file systems and mouse operations
- Familiarity with creating 2-D and 3-D illustrations from CAD data sources

## Audience

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- This course is intended for technical publications illustrators, technical publications authors, training authors, manufacturing instructors, and users responsible for parts definition, technical marketing, and service planning. People in related roles will also benefit from taking this course.
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## Agenda

### Day 1

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Module	1	Introduction to Creo Illustrate
Module	2	Create an Illustration and Work with Figures
Module	3	Exploding Assemblies
Module	4	Creo Illustrate Animations
Module	5	Authoring Sequenced Process Steps
Module	6	Create and Manage Annotations, Sub-Assemblies, and Parts Lists
Module	7	Publishing and Exporting 3-D Illustrations

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