### Overview

- **Course Code**: WBT-4530-0
- **Course Length**: 8 Hours

In this course, you will learn about user interface changes, improvements and additions to modeling commands, and improvements to the Sheet Metal and Annotation applications. This course is intended to introduce and feature new functions and updates to Creo Elements/Direct Modeling 19.0. 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 Pro/FICIENCY intended to evaluate your understanding of the course as a whole.

#### Course Objectives

- Customize the environments and user interfaces for Modeling and Drafting applications.
- Utilize 2D Copilot extensions and shortcuts to create geometry and modify components.
- Define additional or new configuration frameworks of a model.
- Utilize new 3D Curve and modeling tool extensions to create pipes, hoses, ribs, and face parts.
- Leverage the embedded pictures in workplanes functionality to create 2-D sketches and 3-D models.
- Utilize new import and export enhancements.
- Use new sheet metal creation tool and modify sheet tools to create and unfold a new sheet metal part.
- Define template-based drawings and drawings for mirrored components.
Prerequisites

- Must have prior experience with Creo Elements/Direct Modeling
- Sheet Metal and Annotation experience is not required, but highly encouraged

Audience

- This course is intended for designers, mechanical engineers, industrial designers, and tooling designers. People in related roles will also benefit from taking this course.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>User Interface and Configuration Enhancements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Modeling Extensions and Enhancements</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Miscellaneous Enhancements</td>
</tr>
</tbody>
</table>