Overview

- **Course Code:** SAB-CEK4700
- **Course Length:** 16 Hours

In this Creo Elements/Direct 17.0 Sheetmetal course, you will learn about the Sheet Metal module. This module enables designers to design sheet metal parts correctly, and streamline their designs for manufacturing. You will also learn about the tools that simplify sheet metal design process.

Course Objectives

- Understand the purpose for the Sheet Metal module
- Configure default shop for the Sheet Metal module
- Create sheet metal parts
- Modify sheet metal parts
- Post process sheet metal parts

Prerequisites

- Must be able to interpret engineering drawings, and have an understanding of drafting concepts
- Must have experience in the development of 2-D design using a CAD system
- Must have experience in sheet metal design
- Must have had successfully completed the Basic Modeling course

Audience

- Designers
- Mechanical engineers
- Industrial designers
- Tooling designers
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Introducing Sheet Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Creating Sheet Metal Parts</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Punching, Stamping, and Modifying</td>
</tr>
<tr>
<td>Module</td>
<td>4</td>
<td>Folding and Unfolding</td>
</tr>
<tr>
<td>Module</td>
<td>5</td>
<td>Modifying Sheet Metal Parts</td>
</tr>
<tr>
<td>Module</td>
<td>6</td>
<td>Post Processing</td>
</tr>
</tbody>
</table>