

<b>CATIA Surface Design Expert</b>	
<b>Course Duration</b>	2 Days
<b>Level</b>	Advanced
<b>Audience</b>	Mechanical Surface Designers
<b>Description</b>	This course will first recall and summarize the tools taught in the Surface Design course. It will then capitalize on this knowledge and teach you advanced surface creation tools, quality checking and correction techniques, and surface creation in a multi-model environment. This course covers only those Generative Shape Design tools that are specific to the HD2 license.
<b>Objectives</b>	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> <li>- Identify which tools of the Generative Shape Design workbench are common to both MD2 and HD2 licenses</li> <li>- Identify and use the Generative Shape Design tools that are specific to the HD2 license</li> <li>- Create advanced and parameterized swept surfaces</li> <li>- Perform advanced surface analysis and gap correction</li> <li>- Improve the designed geometry's quality and stability</li> </ul>
<b>Prerequisites</b>	Students attending this course should have attended the CATIA Surface Design course.