SHARKCAD PRO

DESIGN

Items created using SharkCAD™ PRO

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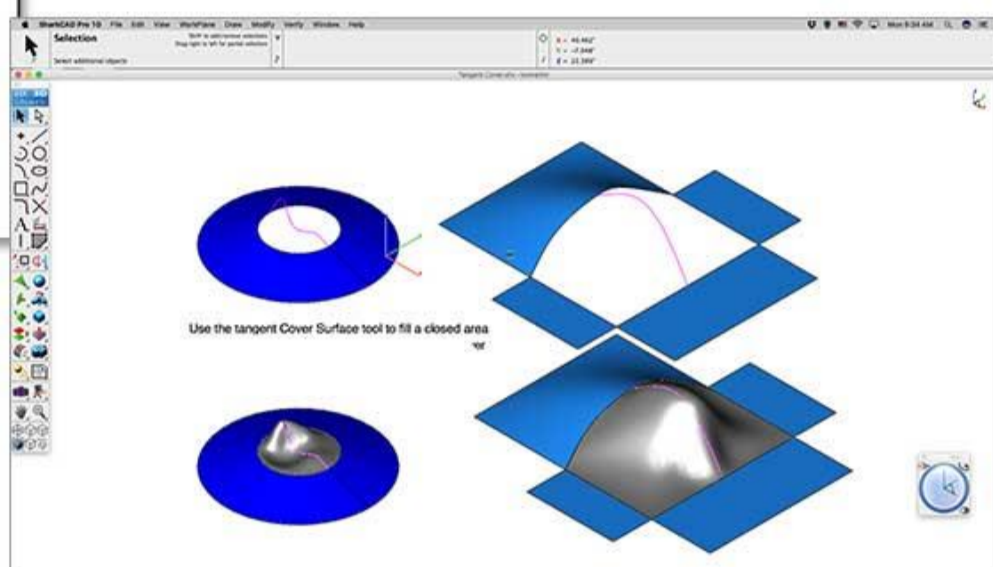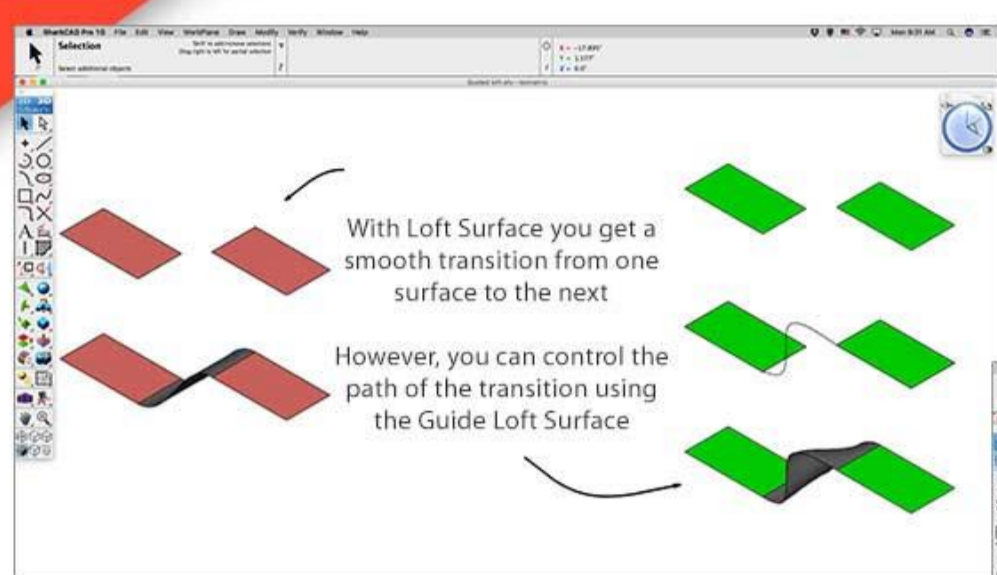
ADVANCED TOOLS

• Advanced Surface Modeling

Guide Cover Surface
▲ Pick curves for guide cover surface

First pick the lines for the main structure

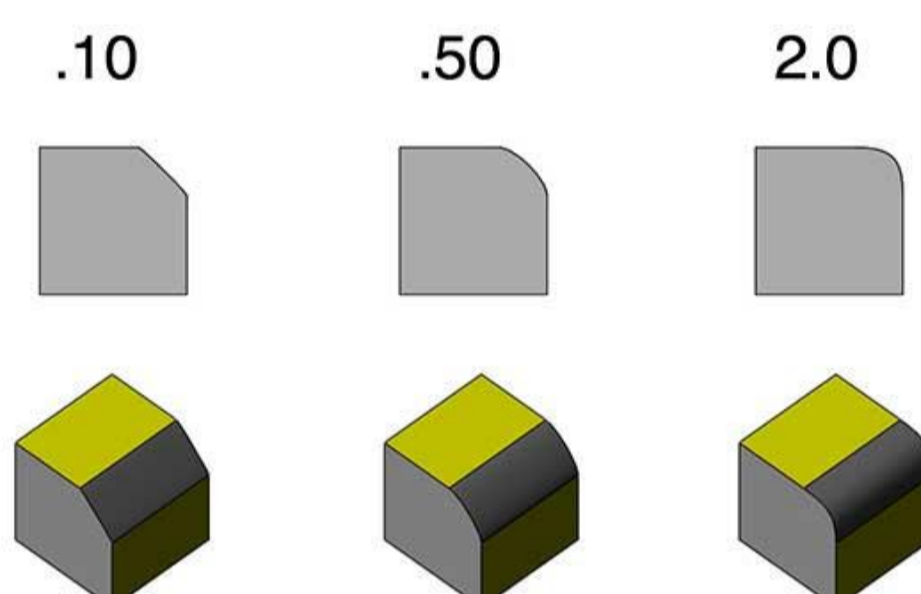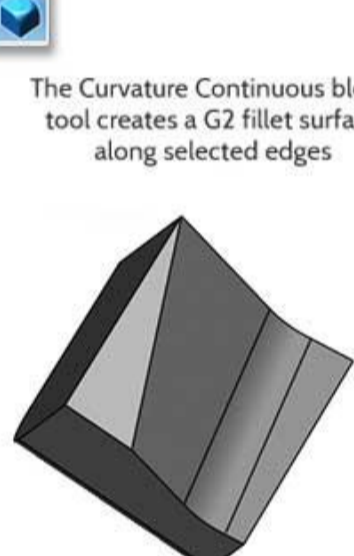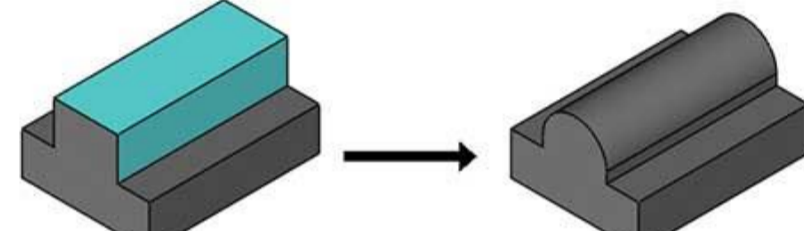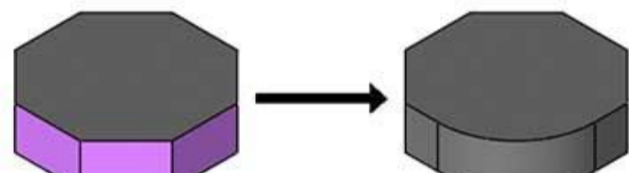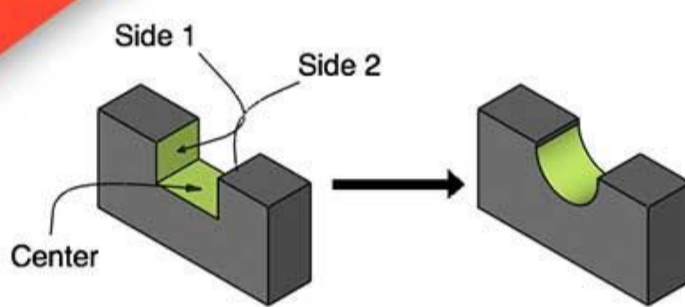Next, pick the Path for the surface to follow as it covers the structure

Using the Guide Covered Surface tool the same process can be used to cover a structure created from a closed profile

With Loft Surface you get a smooth transition from one surface to the next

However, you can control the path of the transition using the Guide Loft Surface

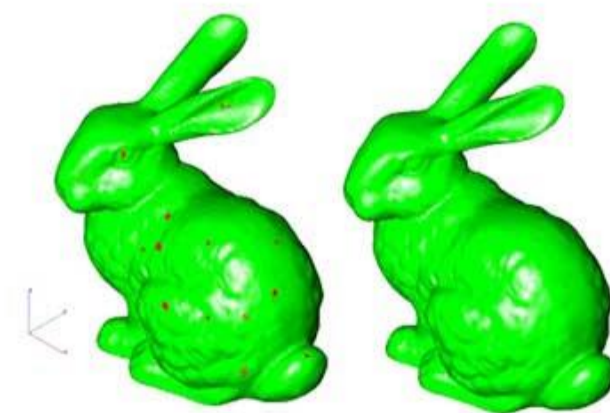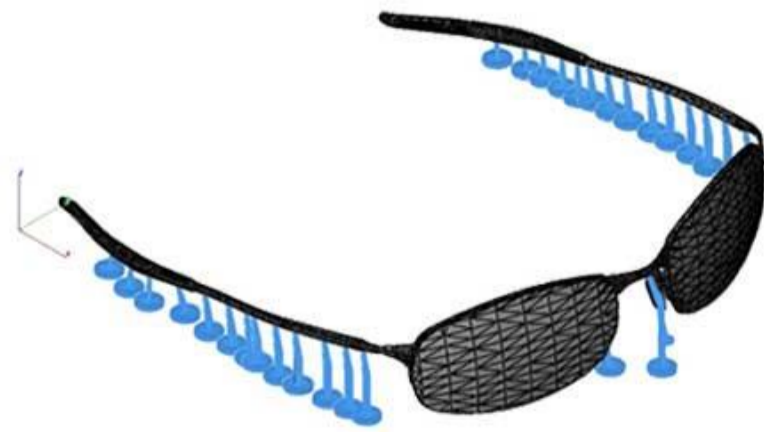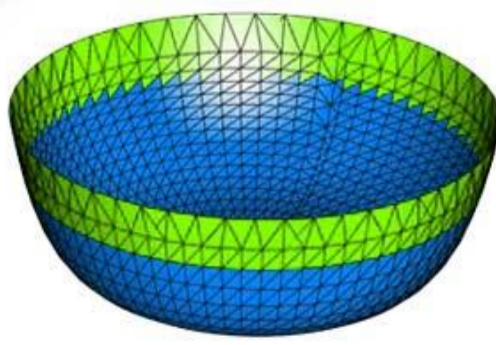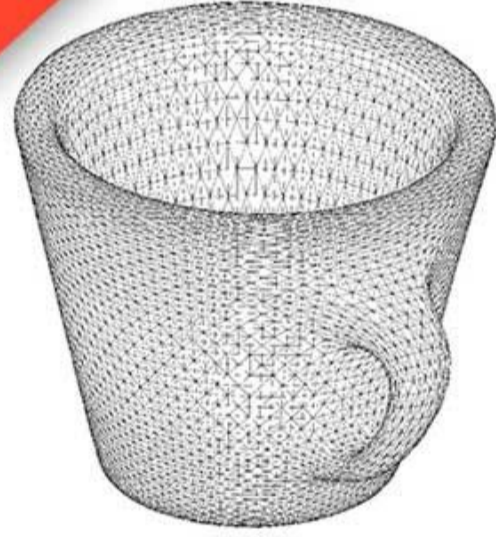**Guide Skin Surface**
▲ Select curves for skin surface

Use the tangent Cover Surface tool to fill a closed area in a group of surfaces. Use the Tangent Guide Cover to control the shape of the cover

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ADVANCED TOOLS

• Advanced Blending

Side 1   Side 2

Center

The 3 Face Blend tool will create a smooth blend of 3 inline faces centered on the middle face

The Curvature Continuous blend tool creates a G2 fillet surface along selected edges

.10   .50   2.0

Blend Thumbweights is a new tool that allows you to add a bulge factor to a blend while maintaining the tangency to the flats

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SHARKCAD PRO

RENDERING

• Professional Quality Presentation Capabilities
• High-End Rendering and KeyShot Live Linking
• Animation
• Sketch Rendering

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SHARKCAD PRO

3D PRINTING

WALL THICKNESS

COIN TRAPS

OVERHANG ANALYSIS

SUPPORT STRUCTURE

SURFACE NORMALS

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SHARKCAD PRO

COMPATIBILITY

SharkCAD Pro Offers Extensive Native Translators:
• Inventor Import (PC only)   • ParaSolids   • SolidEdge
• Solidworks   • CATIA V5/V6   • NX

COMPATIBILITY CHART

	Import	Export		Import	Export		Import	Export
SketchUp™	●	●	IGES, STEP	●	●	SVG	●	●
Adobe® EPS	●	●	Rhino 3D	●	●	VRML (V1 & V2)	●	●
Adobe® PhotoShop**	●	●	Spline	●		PLY	●	
Adobe® Illustrator™	●	●	TruSpace COB	●		3D PDF		●
BMP	●	●	3D Studio	●		SolidWorks™ *	●	
DXF/DWG R12-2019	●	●	Raw		●	SolidEdge™ *	●	
CATIA V5, V6™ *	●	●	WaveFront™ OBJ	●	●	Parasolids™ *	●	
PICT**	●	●	Punch! Objects	●	●	NX™ *	●	
Grid Surface	●	●	BMP, JPG, PNG, & TIFF	●	●	CATIA V4™	●	
TEXT	●	●	Publish to Web		●	Pro/E™	●	
CGM*	●		EIAS®, FACT	●	●	VDA	●	●
ACIS® SAT, SAB	●	●	STL	●	●	3MF	●	●
Inventor™ *	●							
					*Windows Only	**Mac Only		

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