Glowforge Customer Knowledge Base - 2D Vector Programs								
Click on the Links below (pop-up arrows) to be taken to the tutorial								
2D Vector Programs								
Glowforge Specific	Adobe Illustrator	Inkscape	CorelDRAW	Affinity Designer	Vector Magic	Super Vectorizer2		
Read this one First if you are new to lasers. Laser Design Basics.	Laser Design Basics	Laser Design Basics	Laser Design Basics	Laser Design Basics	Laser Design Basics	Laser Design Basics		
Yep.Good idea. Glowforge Interface-Tips & Tricks for using the App.	App Tricks	App Tricks	App Tricks	App Tricks	App Tricks	App Tricks		
Read this one too. Glowforge Interface - Vectors Made Easy.	Vectors 4 GFUI	Vectors 4 GFUI	Vectors 4 GFUI	Vectors 4 GFUI	Vectors 4 GFUI	Vectors 4 GFUI		
This one. Glowforge Interface - Save SVG files for use in the GFUI.	AL_Save_SVG	Ink_Save_SVG	CD_Save_SVG	AD_Save_SVG				
Yep! Glowforge Interface - Perfect Alignment. (Double Sided Engraves.)	Vector Alignment	Vector Alignment	Vector Alignment	Vector Alignment	Vector Alignment	Vector Alignment		
Basic Concepts Quick Reference	Adobe Illustrator	Inkscape	CorelDRAW	Affinity Designer	Vector Magic	Super Vectorizer2		
Overview Series Tutorials	Ponoko GIE training	Ink Video Training	Doug Green Austin Series	AD_Official Guides (series)		SV2 Macs Overview		
Toolbare Quantian	Al Toolbare	ink Tools	CD Overview	AD_for Beginners_				
Workspace Setup	AL Workspace	Ink Workspace	<u>OD_OVERVIEW</u>	AD Introduction				
Workspace Setup (video format) (chris1)	Al Workspace Vid							
Smart Guides Snap to Point	Al_Smart Guides	Ink_Workspace						
Snapping Tools in Inkscape (petej)		Inkscape Snap Tamed						
Selection Tool Basics	Al_Selection	Ink_Selection	CD_Selection	AD_Selection				
Grouping and Ungrouping	Al_Group	Ink_Group	CD_Group					
Copy, Paste, Undo, Redo	<u>AI_Copy</u>	Ink_Copy	CD_Copy					
Setting Stroke and Fill Colors	Al_Stroke Color	Ink_Stroke Color						
Working with Layers	AL Align	Ink_Layers	CD_Layers					
Align and Distribute Objects	AL Batata	Ink_Align	CD-Align					
Joining Lines	AL Join Lines	-						
Basic Text	Al Basic Text	-						
Turning Text into a Path	Al_Text into Path	Text to Outlines						
Circular Text	Al_Circular Text	Ink_Circular Text	CD_Text into Curves					
Text on a Path	Al_Circular Text	Ink_Text on a Path						
Merge Text	Al_Merge Text	Ink_Merge Text						
Clipping Masks	Al_Clipping Masks							
Drawing with the Shape Tools	Al_Shape Tools	Ink_Shape Tools		AD_Shapes & Curves				
Drawing with the Line Tools	Al_Line Tools	Ink_Line Tools						
Drawing with the Pen (Bezier) Tool	Al_Pen Tool	Ink_Bezier Pen		AD_Shapes & Curves				
Basic Pen Tool Exercises	Basic Pen Tool							
Editing Nodes, Paths, Bezier Pen.	Adjusting Curves	Edit Nodes		AD Shapes & Curves				
Transforming Objects. Size, Shape, Placement, Rotation.	AI_Transform	Ink_Transform						
Expanding Appearance of Objects and Strokes. Convert to Paths.	Al_Expand	Ink_Convert to Path						
Determine the Angle of a Line Segment.	Al_Angle							
Creating an Offset Path.	Al_Offset Path	Ink_Offset Path						
Creating a Compound Path.	Al_Compound	Ink_Path Menu						
Merging Objects, Subtracting Objects, Trim, Difference, Outline.	Al_Pathfinder	Ink_Path Menu	CD_Trim Part1					
Trim in CorelDRAW			CD Trim Part 2					
Creating Island Engraves: Subtracting Top Objects from Base Objects		INK_Subtracting						
Weld vs. Combine in CoreIDRAW			CD Combine vs. Weld					
Inkscape Path Menu Demo		Ink - Path Functions						
Auto Trace.	Al_AutoTrace	Ink_Auto Trace	CD Auto-Trace	AD does not have AutoTrace	VM_AutoTrace			
Auto-Trace Ceate Cutlines from B&W graphics in Illustrator (canton)	Cut Lines from Graphics	Ink_Advance Auto Trace						
Auto Trace.		Trace Bitmap_Ink						
Shape Builder Tool in Illustrator.	<u>Al_shapebuilder</u>							
Shape builder, Recolor, Live Paint in Illustrator.	Al_shape builder_recolor							
"Coloring Book" Effect Demo	Avoid Double Cut Lines	Eight Cats						
Creating a Lattice shape in Inkscape.	AL DOUGLO	Lattice						
Recolor Artwork. (chris1)	AL_Recolor							
Fixing Gitcnes (christ) Removing Clip Maeke (christ)	Al clip mask							
Tutorial on Usna Inkscape for the Glowforme (winn)	Assur que la	Creating a File in Inkscape						
Fix a Winding Rule Issue in Affinity Designer & CorelDraw (tim1724)			CD Winding Rule	AD Winding Rule				
How to get a Centerline Trace	AI Centerline Trace	Ink Centerline	CD Centerline	Concerning 13615c				
Finding Open Paths	Find Open Paths							
Creating Fillets in Inkscape (markevans36301)		Fillets_Ink						

Design Tutorials	Adobe Illustrator	Inkscape	CorelDRAW	Affinity Designer	Vector Magic	Super Vectorizer2
	Pattern Creation in Illustrator for					
Pattern Creation in Illustrator for Engraving Deep Textures.	Deep Etching Textures					
Using Artboards in Illustrator to create a Pattern that overlaps Tiles.	Artboard Liling					
Voronoi Pencil holder in Inkscape.		Voronoi Pencil				
Design a Voronoi Medallion.		Voronoi_Ink				
Rotational Art in CorelDRAW.			Rotational Artwork CD			
Circular Text.	Al_Circular Text	Ink_Circular Text	CD_Text into Curves			
Text on a Path.		Ink_Text on a Path				
How to Do a Basic Photo Engrave in the Glowforge. (jules)		Simple Photo Engrave				
Design a Quick Personalized Doorhanger.	DoorHanger_Al					
Laser Cutting With Adobe Illustrator.	Laser Cutting with Adobe Illustrator					
HalfTone Effect.	Illustrator Tutorial: Halftone Effect					
Create Coasters in Illustrator	Coaster Tutorial					
Inlays with Inkscape		lok Iolay				
Creating Ellintical Boxes in Inkscape		Ink Elliptical Box				
Greating Elliptical boxes in inscape.		install_Inkscape_elliptical_box_				
How to Install the Inkscape Elliptical Box Extension in Windows (jules)		extension				
Inkscape Living Hinge Path Order Extension Mod.		Modified LH Path				
Offsets for Inlay - Inkscape.		Inlay				
Design a Tabbed Box in Inkscape.		Design a Laser Cut Tabbed Box in Inkscape				
Using the Tabbed Rox Extension in Inkscape		Tabbed Box Extension				
Internet Translation and		Inknonn for ONO and Lar				
Inkscape Tutorial for CNC and Laser.		INKSCAPE TOF UNC and Laser				
Create a Stencil Font in Inkscape.		Stencil Font				
Concepts for Depth Map Creation in 2D Design Software.	Depth Map Concepts	Depth Map Concepts	Depth Map Concepts			
Box Designer	ConnectionLab	ConnectionLab	ConnectionLab			
Box Designer	Instructables	Instructables	Instructables			
Box Designer	MakerCase	MakerCase	MakerCase			
Box Designer	festi ino	festi ino	festi ino			
Box Designer	BoxDesigner	BoxDesigner	BoxDesigner			
Box Designer	MakeABox	MakeABox	MakeABox			
Box Designer (bbum)		TabbedBoxMaker				
Paper Box Template Maker	Paper Box Templates					
		Multinene Dedee				
How to cleate a multipass bauge.		Multipass bauge				
Mesh Gradients in Inkscape.		Mesh Gradients				
Repeating Patterns in Inkscape.		Patterns				
Developer Extension for Gears in Inkscape.		Ink_Gears				
Handy Online Generators for Everything under the Sun.	Lists of Online Generators	Lists of Online Generators	Lists of Online Generators			
Create an Engraving Pattern in Al.	Al Pattern					
Create Scrollsaw Bowls in Inkscape.		Inkscape Scroll				
Create mandalas in Al.	<u>Al_mandala</u>					
Use an iPad to create an SVG file for the laser.	Tablet Workflow					
Fractal Generator in Inkscape.		Inkscape_fractal				
Start to Finish Design in Illustrator (christ)	Design in Al					
Silhouate Studio to SVC Converter (stodd)	Studio 2 SVG					
ElatEnk (++)	Elat Eab					
Fiatrab.com (rpratt)	<u>riai Fab</u>					
Digitize your Signature with AI. (VIP)	Digitize Signature					
Personalize a Pencil (VIP)	Personalized Pencil					
A Different Spiral Bowl (cynd11)	Spiral Bowl					
Make a Table Sign Base (caribis2)	<u> </u>	Table Sign Base				
Working with Nodes in Inkscape (caribis2)		Working with Nodes				
Trace a Bitmap in Inkscape (gwygonik)		Trace Bitmap Ink				
Finger Joints in Inkscape (evansd2)		Create Finger Joints				
Create a Pattern Brush in Illustrator (jae)	Create a Pattern Brush					
Create a Pattern along a path in Inkscape (mike10)		Pattern along a path				
Planar Butt Joins (evansd2)		Ink_butt_joins				
Create a Pattern along a path in Affinity Designer (tim1724)				Vector pattern in AD		
Designing in Illustrator and other Glowforge Video Tutoriale (weeping00)	Al Designing Videos					
Male 2 months to Market 2 months (wenningus)	Make Omen with					
маке Urnaments in Illustrator (VIP)	wake urnaments					
Acrylic Inlay Flowers (pubultrastar)	acrylic inlay flowers					
Some Useful Illustrator Scripts (cynd11)	Useful AI Scripts					
Rasterize multiple images into one bitmap in Inkscape (jules)		Rasterize multiple Images				
Use layers to set up re-usable jig in Inkscape (arh2)		multiple layer engraves -Inkscape				
No waffle guide to inkscape (sqw)		no waffles ink				
Shadowbox Tutorial for Inkscape (arh2)		Shadowbox Ink				
Doing an Illustrator photo Engrave on Bleached Wood (VIP)	Bleached Wood					
Make a Tabbed Box/Trav in Illustrator (iules)	tabbed box in illustrator					
Rreak up a Large Design in Inkessne (official)		break un large design				
break up a Large Design in Inkscape (eflyguy)	I	preak up large design			1	

Flatten an Image in AI to avoid Clip Path errors - (alicialong)	Flatten Image to avoid Clip Paths						
Cutting out Rasters in Affinity Designer (geek2nurse)				Cutting Out Rasters - AD			
Designing 4 Laser	Adobe Illustrator	Inkscape	CorelDRAW	Affinity Designer	Vector Magic	Super Vectorizer2	
Laser Design Basics	Laser Design Basics	Laser Design Basics	Laser Design Basics	Laser Design Basics			
Glowforge Interface - Vectors Made Easy.	Vectors 4 GFUI	Vectors 4 GFUI	Vectors 4 GFUI	Vectors 4 GFUI	Vectors 4 GFUI	Vectors 4 GFUI	
Glowforge Interface - Save SVG files for use in the GFUI.	Al_Save_SVG	Ink Save SVG	CD_Save_SVG	AD Save SVG			
How to Create Dashed Lines for Perforations	Al_Dashed Lines	Ink-Dashed	CD_Dashed Lines				
Creating a Circular Dashed Line for Perforations	n/a	Ink_Circle Dash	n/a				
Embedding a Raster Image.	Al_Embed Raster	Ink_Embed Raster					
Creating a Compound Path.	Al_Compound	Ink_Path Menu					
Avoiding Double Lines in your Designs.	Avoid Double Cut Lines	Avoid Double Cut Lines	Avoid Double Cut Lines				
Autotrace to create a Vector Path for Cutting.	Al_AutoTrace	Ink_Auto Trace					
Adjusting for Kerf in your Design.	Al_Adjust Kerf	Ink_Adjust Kerf	CD_Adjust Kerf	AD_Kerf Adjust			
Improve kerf adjustments in Inkscape (evansd)		Ink_Improve_Kerf					
Jig for Kerf Measurement (bobv)		Kerf Measurement					
Turning text into a Path.	Al_Text into Path	Ink_Convert to Path	CD_Text into Curves				
Using the Trace feature to create foam inserts for tools. (tom)		Ink Trace	n/a				
How to Remove a Delicate Print from Thick Material	Delicate Print	Delicate Print	Delicate Print				
Create Support structure for thin rubber stamps using Glow.		Rubber Stamp Support					
How to Optimize the cutting Path in Illustrator.	Optimize Cuts						
Illustrator Actions - Set a 12 x 20 artboard	12 x 20 artboard						
Python script to convert DXF to SVG in MacOS in Inkscape Command Line.		DXF to SVG in Inkscape					
Make a Name Pendant	Name Pendant in Al	Name pendant in Inkscape		Name pendant in AD			
Rounded Corners to avoid overburn. (denhe1/tim1724)	Rounding Corners_Al			Round Corners AD			
Creating a Vector Outline for cutting in Illustrator/Inkscape. (jbv)/ (yawstring)	Al-Outline Cut	Ink-Cutlines from Fill					
Create a Tight Shape Cut Line around a bitmap Engrave	Al-Outline Cut						
Inkscape Cut Outlines (julybighouse)		Ink-Cut Ouline					
Custom Color Palettes for Ordering Operations in the Glowforge Interface.	Color Ordering	Color Ordering	Color Ordering	Color Ordering			
Centerline Tracer	Centerline tracer						
Tracy Online SVG Converter (hansepe)	Tracy						
Silhouette Studio to SVG Online Converter (ptodd)	Studio to SVG converter						
Create a Layered Map in Inkscape (tclear01)		layered maps					