

# Wilsonart® Fabricator University 2022 Curriculum Guide



## Technical Support

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Continuing education courses and detailed technical information help you better understand how to fabricate and work with the entire Wilsonart product lineup.

## Trusted Partner

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Have confidence that Wilsonart will support your business and keep your projects moving forward. Let's build together.



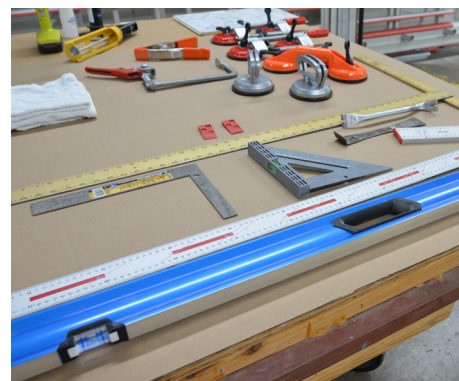
## How to Attend

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Fabricator University sessions occur at our headquarters in Temple, Texas, onsite in your market area with a Wilsonart partner or distributor, or in a virtual environment.

This curriculum guide outlines a number of courses that are available and each session can be tailored based upon the specific needs of those participating.

We are currently planning the Fabricator University 2022 schedule. Please contact your local Wilsonart distributor for more information or if your interested in joining a session.





# About the Curriculum

Wilsonart® FabU class curriculum focuses on providing the educational tools and opportunities to all Wilsonart® and Wilsonart Partner customers. Wilsonart FabU provides instruction on all Wilsonart products including the general use of Wilsonart products, fabrication and installation information and hands-on opportunities. Attendees will be provided fundamental teaching through Wilsonart FabU classes to support the entry level carpentry individual, while also providing enhanced product knowledge and carpentry skills to the advanced carpenter. Wilsonart FabU class attendees will encounter an educational experience specifically customized by their local Wilsonart partner location in order to address any of our Wilsonart products and educational goals specific for your training session. Wilsonart FabU curriculum is specifically designed for fabrication and installation in mind, but should not be limited to the fabricator and installer segment.

**Other Target Attendees:**

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Architects/Designers	National Accounts	Technical Schools
Home Centers	Commercial Millwork	Wilsonart Region/Metro
Residential Builders	Segment Partners	Independent Distributor/Partner
OEM Accounts	Trade Shows	

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Attendees will receive education on product knowledge and hands-on training from one of our selected Wilsonart FabU Training Ambassador Instructors. Our fabricator training instructor group has over 200 years of combined experience in the following Wilsonart topics:

- Wilsonart® Laminate
- Wilsonart® Adhesives
- Wilsonart® Quartz
- Wilsonart® Solid Surface
- Wilsonart® Compact
- Wilsonart® THINSCAPE® Performance Tops
- Wilsonart® Decorative Edges
- Wetwall™
- ...and other Wilsonart® products and services.

Wilsonart Fabricator Training Instructor will focus on providing a consistent educational message on each and every product category, providing a comfortable learning experience for attendees to learn about:

- Wilsonart® Products & Product Specifications
- Approval & Specifications of Sub-Materials
- Basic Fabrication and Installation
- Fabrication Specifications and Tip
- Architectural Woodworking Requirements
- ISO 4586 & Product Certifications
- Sustainability Practices & Support
- ...and many other educational class topics regarding selected Wilsonart® products custom selected for your learning experience.

**FabU Training Ambassadors:**

Robert Boutin	Rae Maddux	Kevin Kaulfus	Randy Parcus	Jacolby Brown	Anthony Marshall
Robert Guerra	Herman Ratliff	Richard Conde*	Mauro Ramos*	Rich Taylor	

\*Spanish Speaking

# Laminate

## Course 101

Gain skills in carpentry and woodworking using High-Pressure Decorative Laminate. Learn to construct a variety of projects using the correct materials, tools, equipment and procedures for High-Pressure Decorative Laminate. Learn to properly cut and bond Laminate materials to suitable substrates, while also selecting and finishing with a variety of edge detail options. This course is designed for the entry level laminate carpenter, but offers advanced carpenter educational focused opportunities throughout the course. Most of your education will be hands-on by working with the kinds of hand tools and power tools offered and used in the field today.

### **Course Objectives:**

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#### Laminate Characteristics

- Basic Product Make-Up
  - Acclimation
- 

#### Tooling/Preparation

- Saw Blades
  - Router/Bits
- 

#### Bonding Materials

- Substrates
  - Adhesives
  - Techniques
- 

#### Cutting/Routing Laminate

- Tools/Machinery
  - Must Meet Parameters
  - Techniques
- 

#### Basic Edge Options

- Self-Edge
  - Edge Banding
  - Miter-Fold
  - Other Options
- 

#### Filing/Sanding

- Tooling
  - Techniques
- 

#### Final Touches & Cleaning

- Cleaners
  - Fillers and Caulks
- 

#### Care & Maintenance

- Do's and Don'ts
  - Warranty
-

# SOLICOR™ Laminate

## Course 160

Although you also apply the techniques learned in the previous Laminate Course 101 course, this course focuses on material construction and installation of Wilsonart Solicor. The skills required for these activities are the essential building blocks for many common woodworking and renovation projects using Wilsonart Solicor. Fabrication and installation processes specific to the nature of Solicor product will be illustrated and experienced during your instructional and hands-on sessions in this course.

### **Course Objectives:**

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#### Solicor Characteristics

- Basic Product Make-Up
  - Acclimation
- 

#### Tooling/Preparation

- Saw Blades
  - Router/Bits
- 

#### Bonding Materials/Techniques

- Substrates
  - Adhesives
  - Techniques
- 

#### Cutting/Routing Solicor & Solicor Compact

- Tools/Machinery
  - Must Meet Parameters
  - Techniques
- 

#### Basic Edge Options

- Self-Edge
  - Edge Banding
  - Miter-Fold
  - Other Options
- 

#### Filing/Sanding

- Tooling
  - Techniques
- 

#### Final Touches & Cleaning

- Cleaners
  - Fillers and Caulks
- 

#### Care & Maintenance

- Do's and Don'ts
  - Warranty
-

# Laminate Decorative Edges

## Course 335

Having fundamental skills in Wilsonart's FE (Flat Edge) & SE (Snap Edge) moldings can help you ensure that custom countertop project goals are accomplished with added features and benefits offered by these edge options. This course provides an overview of Laminate edge options with focus on hands-on fabrication and installation of the FE and SE style Decorative Edges.

### **Course Objectives:**

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#### Decorative Edge Characteristics

- Basic Product Make-Up
  - Acclimation
- 

#### Tooling/Preparation

- Saw Blades
  - Router/Bits
- 

#### Laminate Panel Bonding/Preparation

- Bonding Adhesives
  - Cutting & Routing
  - SE Dado-Routing
- 

#### SE/FE cutting/mitering

- Cutting
  - Miter Cuts
  - Disc-Sanding
  - Dry Fitting
- 

#### Adhesives/Bonding Process

- Type II
  - Applied Pressure Techniques
- 

#### Crescent Edge Applications

- FE - Radius Application
- 

#### Filing/Sanding

- Tooling
  - Techniques
- 

#### Final Touches & Cleaning

- Cleaners
  - Fillers and Caulks
- 

#### Care & Maintenance

- Do's and Don'ts
- Warranty

# Laminate Postform

## Course 350

Postform companies work with Wilsonart high-pressure decorative laminate sheet goods that provide various forming capabilities, along with automation, and manufacturing technologies allow these companies to be on the leading edge in the postforming industry. This course can help you get in on the action as a postformer, topshop, fabricator, and/or installer. Instructed by industry professionals utilizing the latest automated machinery, tools, processes and standards, the participant will experience the most up to date information. This course will provide you with skills needed to succeed in a wide range of sectors with focus on postform countertop fabrication and installation. Explore these learning opportunities and discover the ways you can be part of the postforming technology and trades.

### **Course Objectives:**

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#### Product 335/350 Postforming Characteristics

- Basic Product Make-Up
  - Acclimation
- 

#### Postforming Laminate Countertops

- Temperature/Time/Forming
  - Types
  - Profiles
- 

#### Tooling/Machinery

- Saw Blades
  - Router / Bits
  - Cutting/Routing Postform Top
- 

#### Fabrication Postform Tops

- Seams
  - 45° Seams
  - Standard Add-On
  - Backsplashes
  - Endcaps
- 

#### Filing/Sanding

- Tooling
  - Techniques
- 

#### Installation & Cleaning

- Fastening
  - Fillers and Caulks
  - Care & Maintenance
  - Do's and Don'ts
  - Warranty
- 

#### PRO/DIY Applications

- Identify Differences

# Compact Laminate

## Course 500

This class provides insight to the industry resurgence of thick laminate. Learn about Wilsonart Compact Laminate, the availability of a range of thicknesses, from 1/10" to 1", the panels can be coordinated and installed along with other Wilsonart Laminate surfaces. This learning experience will introduce the participant to not only the countertop application, but also to toilet partitions, elevator cabs, wainscoting and wall cladding, locker units, hospital headboards, and laboratory tops. Experience the toughness and durability of Compact Laminate in a class setting and hands-on experience.

### **Course Objectives:**

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#### Compact Laminate Characteristics

- Basic Product Make-Up
  - Acclimation
- 

#### Tooling/Preparation

- CNC
  - Saw Blades
  - Router/Bit
- 

#### Cutting/Routing Compact Laminate/ Solicor Compact

- Speed/Feed
  - Techniques
- 

#### Basic Edge Options

- Profiles
  - Miter-Fold
  - Sanding/Polishing
- 

#### Filing/Sanding

- Tooling
  - Techniques
- 

#### Installation

- Seams
  - Fastening/Securing
  - Techniques
- 

#### Final Touches & Cleaning

- Cleaners
  - Fillers and Caulks
- 

#### Care & Maintenance

- Do's and Don'ts
  - Warranty
-

# Laminate RE-COVER™

## Course 700

During this learning experience, you will learn how to bring life back to a variety of existing applications using Wilsonart® RE-COVER™. Learn about RE-COVER and the technology behind a superior bond that allows you to go over existing laminate, low-pressure and other traditional substrates or surfaces. In three easy steps, you will learn how economical and practical RE-COVER will allow you to be over your competition by quickly fabricating and installing a new design right over a dated design with wear and tear.

### **Course Objectives:**

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#### Re-Cover Characteristics

- Basic Product Make-Up
  - Acclimation
- 

#### Tooling/Preparation

- Saw Blades
  - Router/Bits
- 

#### Bonding Materials/Techniques

- Suitable Bonding Substrates
  - Wood Filler/Repairs
  - Cleaning Existing Surface
  - Techniques
- 

#### Cutting/Routing Re-Cover

- Tools/Machinery
  - Must Meet Parameters
  - Techniques
- 

#### Basic Edge Options

- Edge Preparation
  - Self-Edge
  - Edge Banding
  - Other Options
- 

#### Filing/Sanding

- Tooling
  - Techniques
- 

#### Final Touches & Cleaning

- Cleaners
  - Fillers and Caulks
- 

#### Care & Maintenance

- Do's and Don'ts
- Warranty



# Laminate Decorative Metals

## Course 6100

Learn about Wilsonart® Decorative Metals which are designed for vertical interior or ceiling applications where a special accent is required or a special style is desired. Decorative Metals are materials that are appropriate for vertical areas in hotel, office lobbies, theaters and restaurants, where its special eye-catching properties add a definite prestigious appeal. The participant will learn about the differences and similarities of the various Decorative Metal materials. Although, there are similarities in fabrication and installation in relation to high pressure laminate, you will also learn about the specialized tooling and processes used with Decorative Metals versus other surfacing products.

### **Course Objectives:**

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#### Decorative Metal & Metal Laminate Characteristics

- Basic Product Make-Up
  - Acclimation
- 

#### Tooling/Preparation

- Saw Blades
  - Router/Bits
- 

#### Bonding Materials/Techniques

- Substrates
  - Adhesives
  - Techniques
  - RE-COVER
- 

#### Cutting/Routing Decorative Metals

- Tools/Machinery
  - Must Meet Parameters
  - Techniques
- 

#### Basic Edge Options

- Self-Edge
  - Edge Banding
  - Miter-Fold
  - Other Options
- 

#### Forming & Bending

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#### Filing/Sanding

- Tooling
  - Techniques
- 

#### Final Touches & Cleaning

- Cleaners
  - Fillers and Caulks
- 

#### Care & Maintenance

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#### Warranty

# ISO 4586

## International Standards

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). Learn about ISO 4586, why it was developed, who prepared the document, and active parts within the general title Plastics – High-Pressure Decorative Laminates (HPL, HPDL). This course describes the methods of test that shall be used to determine the performance of HPL products in their various internal and external applications. The participant will experience a class setting with interaction with the parts within ISO 4586, testing equipment, data reports, and completed or in-process samples. This course requires a lab if taken in Temple, Texas location.

### **Course Objectives:**

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#### History – ISO/EN/NEMA

- Implementation
- 

#### Other Players

- AWI - Architectural Woodworking Institute
  - ANSI - American National Standards Institute
  - WIC - Woodworking Institute of California
- 

#### Comparison ISO to NEMA

- Test Identification
  - Test Differences
- 

#### Additional Testing

- Test Identification
  - Wilsonart Internal Test
- 

#### The Parts of ISO 4586

- ISO 4586 1-8

# Wilsonart® Solid Surface

Gain skills in carpentry and solid surface fabricating using Wilsonart Solid Surface material. Learn to construct a variety of projects using the correct materials, tools, equipment and procedures for Wilsonart Solid Surface. Learn to properly cut and bond materials using seam adhesives, while also selecting and finishing with a variety of edge detail options and finishing processes. This course is designed for the entry level solid surface fabricator, but offers advanced educational residential and commercial focused opportunities throughout the course. Majority of your learning experience will be hands-on, working with the kinds of hand tools and power tools offered and used in the field today.

## Course Objectives:

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What is Wilsonart Solid Surface?

- How is it made?
  - Acrylic vs. Polyester
- 

Making the Move From Solids to Veining

- Product Designs
  - Fabrication Specifics
- 

Seams

- Conventional
  - Butt-Seam
- 

Sinks

- Integral
  - Drop-in
  - Self-Rim Undermount
- 

Edges

- Stacked
  - Vertical
  - Miter-Fold
- 

Finishing

- Matte/Satin/Gloss
  - Dark Designs
  - Proper Techniques
- 

Thermoforming

- Temperature Parameters
  - Bending Radius
  - Techniques
- 

Other Applications

- Cooktop
  - Hold & Cold Wells
  - Wall
  - Backsplashes
- 

Final Touches & Cleaning

- Cleaners
  - Repairs
- 

Care & Maintenance

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Certification Process

# Wilsonart® Quartz

Wilsonart® Quartz is manufactured with high quality natural quartz stone, high performance polymer resin binders, and proprietary coloring agents that are homogeneous, with uniform color throughout their thickness. Learn the truth about Quartz; What is it? How to Fabricate? & What are the Product Limitations? This course will provide hands-on experience based on location of class.

## **Course Objectives:**

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### What is Wilsonart® Quartz?

- What is the Breton process?
  - Quartz vs. Granite
  - Commercial vs. Residential
- 

### Wilsonart Quartz Variables

- Product Designs
  - Size/Thickness
  - Applications
- 

### Inspection & Handling

- Fabricator Inspection
  - Wilsonart Guidelines
- 

### Fabrication

- Seams
  - Edge Profiling
  - Edge Finishing
  - Installation
- 

### Repairs

- Scratches
  - Water Spots
  - Drill & Fill
- 

### Warranty

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### Care & Maintenance

# Wilsonart® Adhesives

While attending the FabU/Glue-U class, the participant will learn about the development of various Wilsonart® Adhesives products such as high-solid formulations, acetone-substituted formulations and water based contact adhesives. FabU instructors will assist fabricators with specifically formulated adhesives that work well with Wilsonart's extensive line of laminate and other surfacing products. Participants will be introduced to the Wilsonart line of adhesives products which includes solvent-based contacts, aerosolized contacts, canisterized contacts, a water-based non-flammable contact, solvents and cleaners, wood glues, Type II glue and PVA-type white glues.

## Course Objectives:

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### Adhesive Characteristics

- Basic Product Make-Up
  - Acclimation
- 

### Equipment/Spray Pot/Hands-On/Learn the Differences

- Solvent-Based Contact Adhesives
  - 500/600/800/900 Series
  - Compliant
  - 1700/1701
  - 1730/1731
  - Aerosol/Canister
  - Traditional 700/740
  - Compliant 730/731
  - H2O
  - PVA Adhesives
  - Glue Spreaders
  - Cold Press/Hot Press
  - Wood Glues
- 

### Bonding Materials/Techniques

- Suitable Bonding Substrates/Surfaces
  - Perimeters/Behaviors
  - Appropriate Pressure
- 

### Fabrication/Hands-On

- 700A/740A
  - 500
  - H2O
- 

### Canisters Adhesives/Hands-On

- 700
  - 730
  - 740
- 

### Cleaners

- 110/121
  - 130/131 - Compliant
- 

### OTC Compliant Adhesives

- LEED®
- UL GREENGUARD
- Technical Data Sheets