

# GUILD NEWS

Next Meeting  
 Tuesday, 7:00 PM  
 May 8, 2018  
 East Kentwood High School

## Guild Meeting Agenda

May 8, 2018

7:00 PM to 9:00 PM

- Welcome Guests and Returning Members
- Tool Time' Discussion
- "Show & Tell" Contest
- Guild Business Discussion
- 10 Minute Break
- "Show & Tell" Winners
- Raffle Drawings
- 'SketchUp' Demonstration

### "Tool Time"

Band Saw 'Tune Up' will be featured during 'Tool Time' at the May Guild meeting.

Garry Strout will go over what regular maintenance your Band Saw needs. In addition, how to best adjust the blade guides for cuts that are more accurate. Plus, what type of blade you should use for the material you are cutting and how shape the back of the blade to make it easier to cut circles.

### 'SketchUp' DEMO

West Michigan Woodworkers Guild President, Les Derusha, will be giving a 'SketchUp' demo and how it can be used for woodworking.

- Basic 3D Modeling
- Quick Prototyping
- Replicating
- 3D Warehouse
- Materials
- Layers
- Scenes
- Examples

## What is 'SketchUp'?

'SketchUp' debuted in August 2000 as a general-purpose 3D content creation tool. It was envisioned as a software program "that would allow design professionals to draw the way they want by emulating the feel and freedom of working with pen and paper in a simple and elegant interface. It will be fun to use and easy to learn and can be used by designers to play with their designs in a way that is not possible with traditional design software. It also has user-friendly buttons to make it easier to use.

'SketchUp', formerly **Google SketchUp**, is a 3D modeling computer program for a wide range of drawing applications. It is useful for architectural, interior design, landscape architecture, civil and mechanical engineering, film and video game design. These are web-based, freeware versions:

- 'SketchUp Free'
- 'SketchUp Make'

There is also a paid version with more features.

- 'SketchUp Pro.'

'SketchUp' is owned by Trimble Inc. a mapping, surveying, and navigation equipment company.

There is an online library of free model assemblies (e.g. windows, doors, automobiles), 3D Warehouse, to which users may contribute models. The program includes drawing layout functionality, allows surface rendering

in variable "styles", supports third-party "plug-in" programs hosted on a site called Extension Warehouse to provide other capabilities (e.g. near photo-realistic rendering) and enables placement of its models within Google Earth.

The program won a Community Choice Award at its first tradeshow in 2000.

On January 9, 2007, Google announced Google SketchUp 6, a free downloadable version of SketchUp, without some functionality of SketchUp Pro, but including integrated tools for uploading content to Google Earth and to the Google 3D Warehouse. A toolbox enables a viewer to "walk around" and see things from different viewpoints and supports labels for models, a look-around tool and an "any polygon" shape tool. Google SketchUp Pro 6 introduced a beta version of Google SketchUp LayOut. LayOut includes 2D vector tools and page layout tools allowing presentations to be produced without the need for a separate presentation program.

From Wikipedia, the free encyclopedia

## 'Show & Tell' Contest Reminder!

Win a 10" 80 Tooth CMT saw blade valued at +\$70.00 by bringing to the May 8<sup>th</sup> Guild meeting and showing the members present a great project you have recently created!

You can find a map to our meeting location at

<http://www.westmichiganwoodworkers.org/> under "Meetings."



## Visits April Guild Meeting

Karen Waite of [mlive.com](#) & Advance Newspapers visited the April 10th meeting of the West Michigan Woodworkers Guild. Her published coverage of our meeting appeared in the Southeast Advance Newspaper on April 22, 2018.

The WM Woodworkers Guild met in the East Kentwood High School wood shop, where they saw demonstrations of new techniques, shared stories about their projects and had a 'Show-and-Tell' session.

The primary demonstration of the meeting was presented by Guild member, Dale Smith, on a woodworking technique referred to as, **Intarsia**.

Intarsia is a woodworking technique that uses varied shapes, sizes, and species of wood fitted together to create a mosaic-like picture with an illusion of depth. Intarsia is created through the selection of different types of wood, using their natural grain pattern and color (but can involve the use of stains and dyes) to create variations in the pattern.

After selecting the specific woods to be used within the pattern, each piece is then individually cut, shaped, and finished. Sometimes areas of the pattern are raised to create more depth. Once the individual pieces are complete, they are fitted together like a jig-saw puzzle and glued to a wooden backer-board, with the intention of creating a three-dimensional effect as seen in the picture of an Owl created by Dale Smith shown on this page.



The Intarsia technique, demonstrated during the meeting, was used to create this wooden owl.



Dale Smith demonstrates the Intarsia technique for fitting the flower pieces together.



Fitting it all together, Les Derusha, president of the WM Woodworkers Guild, presents a demonstration during a recent meeting of the group at the East Kentwood High School wood shop.



Dale Hotelling shows off his work in progress, a lantern, during the show-and-tell portion of the meeting.



Doug Scott and Randy Molzer discuss some tricks of the trade during the meeting. Molzer recently restored a 1933-41 No. 8 plane, which he brought for show and tell.

**West Michigan Woodworkers Facebook Page**  
<https://www.facebook.com/groups/wmiwwguild>

## Technology Has Changed Everything About Woodworking

When most people new to woodworking think of what woodworking is all about, they visualize a master woodworker, maybe with an apprentice who is learning woodworking one-on-one by working with that master woodworker. They both would be working together on a beautiful woodworking bench using only hand tools to create just about anything you can think of. This includes 18<sup>th</sup> & 19<sup>th</sup> Century Federal or Shaker style cabinetry and furniture, wooden toys for kids, Jewelry Boxes, Chairs, or simple step stools.

Or, they may think of an old time carpenter/woodworker who did everything that was necessary to build an everyday house or one who created great mansions with lots of fancy woodwork all by himself or with a helper or two using only basic woodworking hand tools.

That may have been true in more cases than not 150 years ago but thanks to technology that is not the case today!

The industrial revolution changed how many items made of wood were produced. In the 1800s machines were built to be housed in factories that were first powered by water flow, then steam, then in by the 1890's, by electricity. Machines were created that could produce wood products faster, cheaper, and better than what was possible with hand-held tools and skilled manual labor.

This change also signaled the end to traditional apprenticeship training in hand woodworking.

Then in 1906, Porter-Cable introduced the first portable hand-held electric drill. Thus, began the decline of using manual hand-held tools for woodworking and other tasks.

**Today**, technology has made it possible for woodworkers to have their own personal computers, Cell-phones and computer controlled equipment.

We now have computer-based software that aids us in the drafting and building our projects by electronically transferring our designs of projects to plotters, printers, or wood routers that once were only manually made by master woodworkers or wood carvers!

Technology has completely changed our woodworking tools. It has added to their features, power, and flexibility of use.

**Today**, we have electrically or battery powered hand-held tools and devices to do almost every conceivable woodworking task. 125+ years ago, these tasks were only completed using hand-held manual tools by knowledgeable woodworkers, carpenters, or wood carvers.

In the last 75 years technology has made possible new metals and plastics that have made our woodworking tools sharper and helped us improve the quality of our work. Technology has also given us new glues and finishes to make our projects stronger and more beautiful.

Technology now allows us to communicate directly from our personal computers and cell phones to our woodworking equipment and hand-held tools. These capabilities are not just in technologically advanced factories; this type of equipment is readily available **NOW** to woodworkers for their home based woodworking shops!

So what so does this all mean to those who want to learn more about modern woodworking?

**It means** you have to be computer literate and know how to navigate the Internet!

**It means** you have to teach yourself about hand tools and their use in woodworking. You need to join a Woodworking Guild or some other type of Woodworking Group, go to their meetings to meet woodworkers who are also new to woodworking and learn from them and the 'Old Salts' of Woodworking!

**It also means** you have to go into your own shop area, use the tools you currently have and start building simple projects (i.e. a toolbox for your tools).

By learning to do simple projects by hand you will learn to build larger projects using the latest tools, techniques, and equipment available.

You need to watch and learn from woodworking training videos on the Internet. You need to read articles in woodworking magazines (Wood Magazine, [www.woodmagazine.com](http://www.woodmagazine.com)).

You need to see and learn from woodworking demos at Guild meetings. You need to ask questions. You need to ask a mentor to help you. (For Guild members, mentors are available to you, FREE!)

You need to visit our website: [www.westmichiganwoodworkers.org](http://www.westmichiganwoodworkers.org) and our Facebook Page: <https://www.facebook.com/groups/wmiwwguild> there you will find lots of **FREE** woodworking information. For example, under the 'Links' heading you will find links to training sites plus a long list of woodworking suppliers and many other interesting woodworking related websites

**The Rest is UP TO YOU!**

## \*2018 Planned Meeting Demonstrations\*

**May 8, 2018**

**'Sketch-up' Drafting (CAD)** By Les Derusha

**June 12, 2018 (Rain Date June 19, 2018)**

**Picnic at John & Debi Pflug's Homestead**

**At 6301 Pratt Lake Ave SE, Alto, MI**



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## **'Free' Saturday Demonstrations!**

**May 5**  
CNC 3-D

**May 12**  
Hand Sharpening

**May 19**  
Dust Collection

**May 26**  
Leigh Box Joint & Beehive  
Router Jig

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**May 4 – 7**

**Jet – Powermate Sale!**

**THANK YOU!**

Thank you to all our members and supporters who provided items for the raffles at our Guild meetings.

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