

GOLD COUNTRY WOODCRAFTERS

Newsletter November 15th, 2016

Vol 26

GCW Meeting Brief:

The November 15th meeting lasted about 2 hours. We had a large turnout for the November meeting activities including 1 new member. Our new member is Tony White. Welcome to the GCW club Tony. The topic for this meeting was CNC wood machining. Steve Cabrol gave a very informative presentation including a video demonstration of his CNC router system. The Show and Tell segment had 8 members showing their craftsmanship. As usual the night's raffle awarded a number of great prizes including some great prizes donated by our members. There is 1 item, a late model Delta Unisaw, listed in the exchange corner section this month.

Presidents Message:



Gold Country Woodcrafters, Our November meeting was another great turnout. Steve Cabrol gave an excellent demonstration on the CNC router machine that fascinated and sparked curiosity in the entire group. It is an amazing machine and was well presented. Thanks to Steve for preparing a quality presentation!

Our Executive committee will be meeting in January to organize club activities and programs for 2017. As always, we welcome your comments, ideas and suggestions on ways to make the club as beneficial and enjoyable as possible to all our members. Please contact any of the committee members to discuss your thoughts.

As another year rapidly comes to an end and the Holiday season ramps up, I'd like to thank all of you again for participating and sharing your experiences throughout the year and wish you the best for the Holidays.

Don't forget to mark your calendar for the December 13th meeting and remember to invite your spouse, or special guest for this special year-end meeting!

Until then, Happy and safe woodworking.

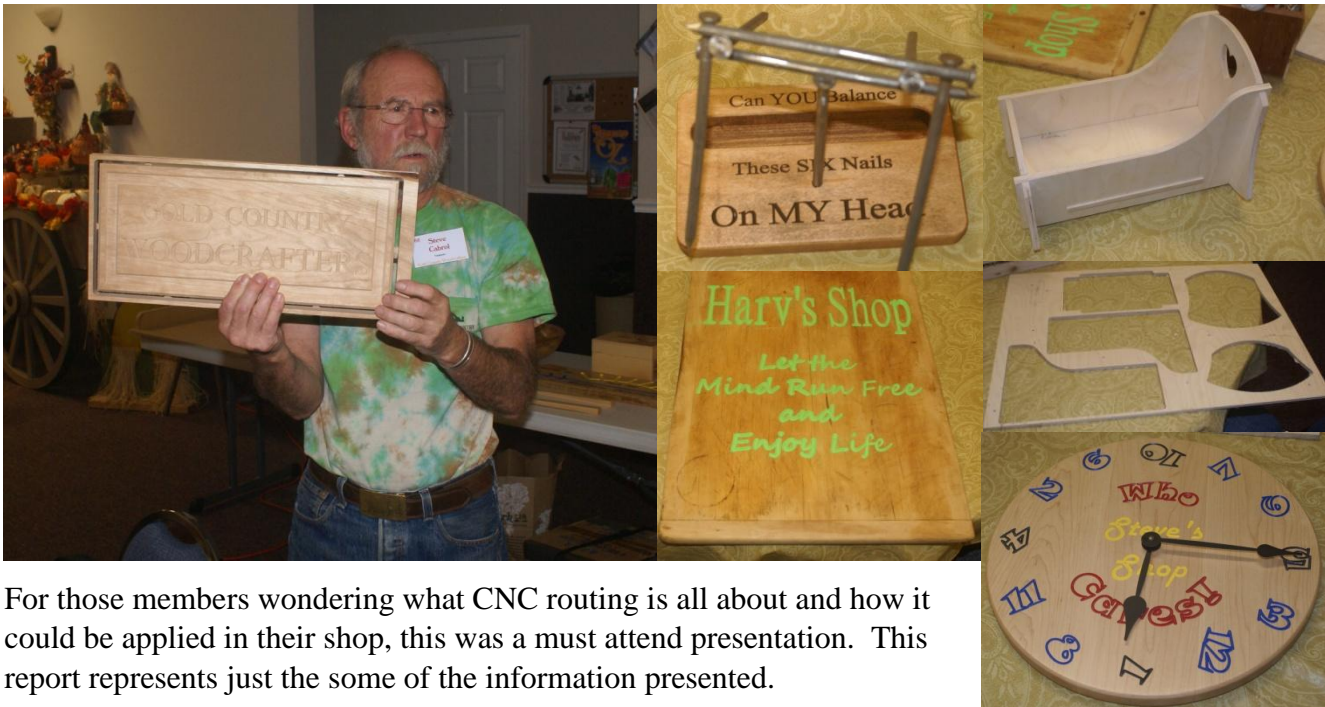
Jim Hunt

GOLD COUNTRY WOODCRAFTERS

Newsletter November 15th, 2016

Vol 26

CNC Router Presentation by Steve Cabrol:



For those members wondering what CNC routing is all about and how it could be applied in their shop, this was a must attend presentation. This report represents just the some of the information presented.

Steve Cabrol, one of our long standing members and also our treasurer, gave us an excellent view into the use and features available for CNC wood machining. He started by describing his background as a civil engineer working mostly in water treatment projects on the west coast. Steve then explained that many of today's CNC systems are designed so that an extensive technical capability is not required for use. There are a number of CNC systems now intended for use in the home shop. He outlined some of the basic considerations to take into account when considering getting a CNC system. These would be cost, space, bed size, power, and application.

Steve showed us a video of his system creating the plaque in the above picture on left. The pictures on the right show additional examples of what he has created using the CNC router. The Crazy Clock and Nail Puzzle projects were used to become familiar with the operation of his CNC system. Our members may remember that the Memory Box program chaired by Ron Sexton created several boxes that each had a unique design engraved in the lid using the CNC router. One of the benefits of using a CNC is that once a project is created it can be reproduced repeatedly without additional programming. The Nail Puzzle and Doll Cradle are examples of this. The features of the system in the video are: 2 ½ axis routing, 24" x 36" bed capacity, 3HP router, weighs 450 pounds, and cost \$6000. Steve noted that he and Harvey Myers went in together to obtain the system.

GOLD COUNTRY WOODCRAFTERS

Newsletter November 15th, 2016

Vol 26

During the presentation Steve described some of the graphic programming tools for creating projects for CNC. These could include, but not be limited to VCarve, Autocad, and Sketchup. Also, there are numerous ready to go designs available for download from the internet.

Announcements/news:

1. **December Meeting:** Jim Hunt gave an outline of events for the December 13th meeting. This is “bring your spouse/special guest month”. Bring your spouse/special guest to the meeting to celebrate the season and show what our members do throughout the year. Members are asked to bring projects for a special display even if you have brought them before. Dale Gamble will present the toys our members have created for our annual Toys for Tots program. There will be a continuous slide show showing members projects. There will be refreshments and a special raffle for our club guests. The meeting will still include our favorite show and tell and GCW member raffle.
2. **From the Floor:**
 - a. Jim Terrill announced that the Annual Holiday Boutique (Craft Fair)
 - b. at the El Dorado Hills Community Center is being held again this year. The times are Dec. 1st 3pm-7pm, 2nd 9am-8pm and the 3rd from 9am – 3 pm. Location El Dorado Hills Community Center Pavilion 1021 Harvard Way. For more information go to edhcsd.org.
 - c. Jim Hunt gave a brief talk on flocking small drawers. He used the Suede-Tex spray on fiber system. He explained that it requires the application of an undercoat adhesive that matches the Suede fiber color to be used. While still tacky the suede fiber material is applied using a spray-on suede applicator. He acquired the flocking materials from, where else, Woodcraft Supply.

GOLD COUNTRY WOODCRAFTERS

Newsletter November 15th, 2016

Vol 26

Meeting Topics:

2016

December 13th Spouses Night, GCW year slide show and Toys for Tots presentations

2017

January 10th This is bring your antique tools show and tell night.

February 14th Video night. 1) Wagon Wheel making video. 2) Steam bending video.

March 14th The art of creating cutting boards. Presentation by Basil Borkert.

April 11th GCW 2017 Spring Project Challenge Night.

October 10th GCW 2017 Fall Project Challenge Night

May – Dec. to be announced.

If any of our members would like to give a presentation or have ideas for a presentation please contact Ron Sexton (hcwpvl@directcon.net) or one of his committee members, David Boutcher (WE2Wheelers@sbcglobal.net) or John Brideson (jkbrideson@sbcglobal.net) and let them know. Remember this is your club and the more our club members participate in sharing knowledge the more proficient we all become at our common interest, woodworking.

GOLD COUNTRY WOODCRAFTERS

Newsletter November 15th, 2016

Vol 26

Show and Tell: 8 Presenters:

Bill Meronek



Bill brought in his latest jig, a table saw sled made of Baltic Birch plywood. The design is from William Ng of the School of Fine Woodworking. Bill gave a brief description of how he went about constructing and adjusting the sled including how he used the “5 cut method” for adjusting the sled fence for maximum accuracy. For anyone interested in building their own sled he recommended viewing the U-Tube video by William Ng. The link is: <https://wnwoodworkingschool.com/5-cuts-to-a-perfect-cross-cut-sled/>

John Cassidy



John Described this unique bowl made using his Shopsmith “Ring Master”. He used a piece of 3/4" thick, 8" square red oak and cut rings at 28 degrees. Before gluing he stained every other ring Early American and after gluing finished it with 2 coats of Gloss Polyurethane. He indicated that it was a challenge to get the correct angle.

GOLD COUNTRY WOODCRAFTERS

Newsletter November 15th, 2016

Vol 26

Max Lee



Max shared with us this very fine intarsia representing his favorite pet, Olive. Olive was a guest for the evening. Some of the woods he used are zebra, ebony, black walnut, olive (appropriately) and oak. Notice the grain orientation to promote the many components. Great likeness, for Olive, that is.

Rich Schwerin



Rich brought in this nicely constructed box. He told us that it is to be used as a Crayon Box. It incorporates Maple as the primary wood with Zebra wood veneer. The lid is plastic. The splines used to reinforce the corners are ebony.

GOLD COUNTRY WOODCRAFTERS

Newsletter November 15th, 2016

Vol 26

Jim Hunt



Jim brought in 2 items. This cane is made of oak and features a carved paduak head and is 32" long. He used his Router Crafter to create the serpentine pattern. He explained that he had to take extra care to support the work while routing the pattern because of the tendency for the oak to vibrate.



This feather is about 6" and was carved from poplar wood. He used a scroll saw to form the basic shape then refined the contour with a dremel, then lots of hand sanding. The shading was created using wood burning on the feather quills then water color for final accent stain. We Expect to see the full head dress soon, Right Jim?

Jim Higbee



Jim Higbee shared his salad servers carved from birch and finished using mineral oil.

GOLD COUNTRY WOODCRAFTERS

Newsletter November 15th, 2016

Vol 26

Steve Peterson



Steve brought in this plaque he crafted celebrating his son's transition from cub-scout to boy-scout. The lettering and graphics were created using CNC.

Ron Sexton



Here Ron shows his latest pyrography art on 2 pine boxes. The one on the left depicts a Monterey Pine the one on the right depicts a field mouse climbing through tall weeds.

GOLD COUNTRY WOODCRAFTERS

Newsletter November 15th, 2016

Vol 26

Raffle Results:

We now use the “raffle per item” method for distributing raffle prizes. Members put raffle stubs in a receptacle associated with a specific prize they are interested in.

--- Woodcraft Gift \$25 certificate
--- Roller Stand
--- Power Strip
--- Rotary Tool(1)
--- Bench Drill Press(2)
--- Nail on my head game(3)
--- Nail on my head game(3)
--- Nail on my head game(3)

Bill Meronek
Steve Peterson
Gail Cone
Warren Wyllie
Jim Higbee
Harvey Myers
Tony White (new member)
Rich Schwerin

(1) Donated by Gail Cone
(2) Donated by Jim Hunt
(3) Donated by Steve Cabrol

Businesses that support GCW: *Be sure to stop by Pro Builder*

Placerville, The Paint Spot, Churchill Hardware Cameron Park, Woodcraft Supply Sacramento and the Rockler Woodworking store in Rocklin. Please let them know how much Gold Country Woodcrafters appreciates their support.

Membership Dues: For those members wishing to renew their membership for the 2016-2017 year by mail here is the information you need. Make out a \$20 check payable to Gold Country Woodcrafters. Send to: Steve Cabrol 3000 Builders Place, Rescue, CA, 95672. **Please note on the envelope ATT: Gold Country Woodcrafters.**

Gold Country Woodcrafters Meeting Place: GCW meetings are held the second Tuesday of each month unless otherwise notified and are at the Park Community Church meeting hall, 3901 Wild Chaparral Dr. Shingle Springs, Ca. exit 37 off highway 50. A map is provided on the home page of the GCW website.

GOLD COUNTRY WOODCRAFTERS

Newsletter November 15th, 2016

Vol 26

The GCW Exchange Corner: 1 item listed this month.

- 1) **3HP Delta Unisaw:** I'm moving out of California to Asheville, NC (woodworking heaven) on January 7th and I have a right-tilt 3hp Delta Unisaw purchased in 2006 that I'd prefer not to move. The saw also has a JessEm Mast-R-Slide sliding crosscut system with miter fence similar to the one that is now an option on SawStop as well as a 52" Biesemeyer fence, 44" wide factory extension on the right, Wixey WR700 digital fence guide, polyurethane link-belt drive, and a Delta wheeled stand. Several new and used commercial blade inserts are included. The price is \$1,400 which is competitive with craigslist offerings that lack all the extras at that price. The JessEm slider alone sold for about \$600 new. Located in Mountain Ranch about 9 miles east of San Andreas. Phone contact is 209-754-3140, email is jim@calfrog.com.

Saw and Planer blade sharpening.

A number of members have asked about who we know that sharpens saw and planer blades. Well GCW member Ken Welsh can handle the job. Just give him a call.

WELSH'S SAW WORKS

Formerly Rocklin Saw Works

Ken Welsh

Owner

3021 Crystal View Drive
El Dorado Hills, CA 95762
(Off Bass Lake Road)

Phone: (530) 677-4938

Cell: (916) 275-3388

Regards and happy woodcrafting.

Gail Cone

GCW Newsletter editor



GCW Web site: goldcountrywoodcrafters.com

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