BridgeWire MAKERSPACE

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APRIL 2019

BIG BROTHERS BIG SISTERS

The March BBBS get together brought bigs and littles back to Bridgewire for a great time creating beautiful artworks out of ordinary rocks.

ROBOTICS

Congratulations to the “RoboHawks” the Hug High School First Robotics Competition team for making it to the qualifying rounds of the FIRST Robotics Sacramento Regional Competition.

CNC Router repair

Hi, My name is Chris Spitler and I'm a new member at Reno Bridgewire, I decided to join Bridgewire because I don't have access to the tools and equipment I need for my personal projects, and Bridgewire has fairly

recently acquired all the stuff I need to finally be able to get some of my projects underway. Unfortunately the majority of the tools I've been craving access to are not up and running right now. So I decided to join and volunteer as much of my time in between classes as I can to get all of the machinery up and running again. I've been working under Eric Bradford's expert guidance and though I initially began work on the 3D printers, I was asked to take a look at the CNC Wood Router to see if I could figure out what's been causing the "skipped Steps" problem. To date I have volunteered 41 hrs. of work on the Router and I'm happy to announce it's up and running again! I have lots of work left to go, but it's cutting MDF* well enough to teach classes on the machine, and for members to do projects on.

Click here for all the details on Chris's repair job.

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FACILITIES OFFICER: The idea of having a facilities "committee" to spread the responsibility was raised at the March Officers meeting. This committee would be responsible to maintain and improve our tools and equipment. Other areas of responsibility include improving the signage, aesthetics of the facility, and general upgrading of the equipment and tools as opportunity arises. And of course, addressing safety concerns as they become apparent. If you would like to help, please contact the Board of Directors at officers@bridgewire.org.

NO BBBS FOR APRIL

The March Big Brothers Big Sisters enjoyed another exciting event Wednesday night. Starting with a giant pile of rocks, the BBBS artist teams transformed them into colorful works of art. The Bridgewire shop was bustling with blue aprons generously supplied by Greater Nevada Credit Union.

The BBBS won't be back until May

ARTICLES NEEDED!

The Newsletter- Thanks to Chris Spitler for his article on the CNC Router repair. The newsletter needs this kind of participation to give an accurate view of the activities at Bridgewire. We're hoping to see more of this kind of participation.Please email your entries to Marketing at officers@bridgewire.org

EDUCATION HAPPENINGS

BBBS upcoming May workshop

The next Big Brothers and Big Sisters Event is scheduled for May 24th. We will be making tea candle holders. For more information contact John at renoscuba1@gmail.com .

Regular Monthly Classes and equipment Safety Training:

- **1st Thurs – Welding Shop:** Safety Demo + knowledgeable user check off - by Lee Elliot
- **2nd Thurs - Laser Cutting:** Safety Demo + User Training.- by Eric Bradford
- **3rd Thurs - Wood Shop:** Safety Demo + knowledgeable user check off - by Roman Hruska.
- **4th Thurs - 3D Printing:** Safety Demo + User Training.- by Ralph Santos

Reoccurring Education classes and events:

- **CAD Class:** Learn 3D CAD modeling so you can make items to 3D print or machine on the CNC Wood router..
- **CNC Wood/Plastic Router Classes (Intro):** Learn the basic principles of CNC wood routing on the Shapeoko 2 router. This class will introduce you to the basic process steps so you can machine small items This class is free to members and has a $20 fee for non-members.
- **CNC Wood/Plastic Router Classes (Adv):** Apply the principles of CNC wood routing on the Greenbull Router. This class introduces you to a powerful 3 Horsepower router spindle for cutting large and thick materials. The **(Intro)** class is a prerequisite to this class. You must be a member to take this class and has a $30 fee.
- **Embedded Systems Group:** 3rd and 4th Tuesday of the month with lessons in soldering, basic circuitry and electronics projects.

Groups meeting at Bridgewire

- Big Brothers & Big Sisters (activity monthly)
- Bridgewire Game Night Group

Your group can meet here also. The only requirements are that at least one member of the group must also be a Bridgewire member and that the group obey the rules of our Policy Manual. Schedule your event per the calendar instructions below.

AMAZON PAYS BRIDGEWIRE

We use Amazon SMILE. When you make a purchase through Amazon, THEY will donate to our non-profit Bridgewire, if you setup your account to do so. All you have to do is login to your Amazon account through smile.amazon.com

before you make your purchase. Specify “Bridgewire” as your charitable organization. Many of us have installed Amazon Assistant (quick link) to easily return to AmazonSmile when you login to Amazon. Each donation is small, But if we all participate this could add up.

Bridgewire got a $59.22 check from Amazon Smile last quarter.

FINAL NOTES

Please help clean-up. Let’s not forget that Bridgewire is a co-operative facility that relies on member participation to maintain the facilities while keeping an affordable fee structure. So we can all try to join in when there’s a work session or just pick a project such as sweeping, dusting, wiping tools and tables, there’s plenty to do and I’m sure Eric will have plenty of suggestions. Don’t wait to be asked just jump in there and help.

New members

Welcome to our new members:

Cristian Cruz
Sierra Goins
Chris Spitler

BELOW Click on calendar to go to Bridgewire Calendar with interactive event details.

ALL MEMBERS, If you would like to add an event. Email us at info@bridgewire.org or click on the button below the calendar to schedule your event with details and contact info. The new event will be approved by an officer or director to make it show up. Your events can be any project you want to share or get help with. Add Event

Calendar

Bridgewire Calendar
April 2019

Mon	Tue	Wed	Thu	Fri	Sat	Sun
l's Day	2	3 6 pm - 7 pm BW Board Meeting	4 6 pm - 9 pm Open House Night 7 pm - 9 pm Metal Shop and Welding	5 6 pm - 9 pm Game Night	6	7
	9 7 pm - 9 pm BW Quarterly Members Meeting & BBQ	10	11 6 pm - 9 pm Open House Night 7 pm - 8:30 pm Laser Cutting & Etching	12 6 pm - 9 pm Game Night	13	14
	16 6 pm - 8 pm Embedded Systems Group	17 6 pm - 7 pm BW Officers Meeting	18 6 pm - 9 pm Open House Night 6:05 pm - 8:05 pm Wood Shop	19 6 pm - 9 pm Game Night	20	21 Easter
	23 6 pm - 8 pm Embedded Systems Group	24	25 6 pm - 9 pm Open House Night 7 pm - 8:30 pm 3D Printing	26 6 pm - 9 pm Game Night	27	28
	30	1 6 pm - 7 pm BW Board Meeting	2 6 pm - 9 pm Open House Night 7 pm - 9 pm Metal Shop and Welding	3 6 pm - 9 pm Game Night	4	5