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JANUARY 2020

Happy NEW Year!

It's going to be a great New Year at Bridgewire. The NEW board of directors promises to bring a NEW level of enthusiasm to the management of Bridgewire. Eric, Colin, James, Mark, Baljit, and Matthew. With NEW freedom Eric is able to spend more time on outreach to the community with presentations and NEW partnerships with other makerspaces. We've got a lot of NEW tools and James, our NEW dedicated and experienced facilities manager, who will be sure to keep them all in tip top condition. The NEW board chairman, Colin, is keeping up on the NEW Bridgewire activities while Matthew our NEW education officer presents NEW classes and events for our Bridgewire members and Mark our NEW membership officer will be welcoming NEW members and Baljit has some NEW electronics classes up his sleeve.

January Board Meeting

January 8th is the next Bridgewire Board of Directors meeting. The board will be discussing Equipment Repair Procedure and Protocol. Trouble Tickets and Hang Tags, Parts and Accessories Request Clip Boards. As well as other important makerspace issues including Bridgewire's financial and logistic responsibilities, insurance and member management, parties and bar-b-ques as well as the long awaited Board of Directors retreat.

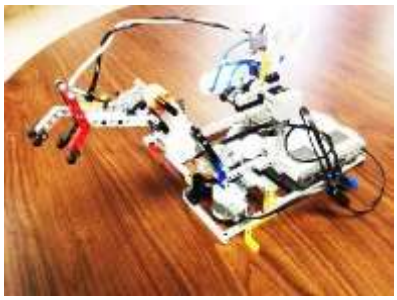
Reno Robotics Club

Bridgewire welcomes the Reno Robotics Club. The RRC held their first meeting at Bridgewire on December 13th and will be continuing with the Sumo Competition Day and Club meeting on January 24th at Bridgewire. Check out the RRC website for more information on this exciting group. **Reno Robotics Club**

Robotics Challenge

Come on in! To Bridgewire for the Reno Robotics Club Lego Sumo Robot Competition.

WE WILL HAVE 2 CLASSES OF SUMO BOTS TO BATTLE



1 KG LEGO SUMO

Must be made out of Lego brand parts.
Weigh no more than 1 Kilogram.
Robot not greater than 150mm X 150mm Height is unlimited.
Bots must be autonomous and have a 3 second delay before the Bot moves for battle.

1 KG SUMO

Same as above but can be built with anything

IF YOU WANT TO COMPETE OR HAVE QUESTIONS PLEASE CONTACT US AT RENOROBOTCLUB@GMAIL.COM.

Lots of New Equipment

2019 What a year! We have added many new pieces of high quality equipment. This equipment has replaced old equipment (look for a January sale of the old assets).

Bridgewire has been adding new equipment and bringing donated machinery back to life all year. With Tony Badzioch's help, the CNC router got some upgrades and

became a useful piece of equipment again. Chet Stites worked a few minor miracles to bring the mills and lathes back from the grave and Chris Spitler has been keeping the 3D printers operational on an ongoing basis.

Nevada Inventors Asso. Meeting

The January NIA meeting will be held at the Innevation Center. In 450 Sinclair St, in Reno. For more information email nevada.inventors.assoc@gmail.com

ARTICLES ALWAYS NEEDED!

The Newsletter

If you have an article in mind or just a particular subject that you would like to see in the newsletter please email your entries to Lance, at lance@ipc-solar.com .

EDUCATION HAPPENINGS

New Classes for 2020

BBBS upcoming January workshop

The next Big Brothers and Big Sisters Event is scheduled for January 29th.The project is to be determined. 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 Chris Spitler

***Recurring 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)
- Reno Robots
- 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.

FINAL NOTES

Clean up for the cleaning crew?

Bridgewire's industrial cleaning service has been doing a terrific job of keeping the shop tidy and dust free. We can all help them focus on the deep cleaning aspects of their job by keeping work areas organized and cleaning up after ourselves. 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. This service frees us to spend more time on infrastructure issues. There's plenty of need for repair and maintenance of the tools and equipment.

BRIDGEWIRE CALENDAR

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

Bridgewire Calendar
January 2020

JAN

Mon	Tue	Wed	Thu	Fri	Sat	Su
	31	January 1 New Year's Day	2 6 pm - 9 pm Open House Night 7 pm - 9 pm Metal Shop and Welding	3	4	5
	7	8 6 pm - 7 pm BW Officers Meeting 7:15 pm - 8:15 pm BW Board Meeting	9 6 pm - 9 pm Open House Night 7 pm - 8:30 pm Laser Cutting & Etching	10	11	12
	14	15	16 6 pm - 9 pm Open House Night 6:05 pm - 8:05 pm Wood Shop	17 6 pm - 8 pm CNC Wood Router Class (Intro)	18	19
ing Jr. Day	21	22	23 6 pm - 9 pm Open House Night 7 pm - 8:30 pm 3D Printing	24 4 pm - 7 pm Reno Robot Club Sumo Challenge!	25 10 am - 2 pm CAD - Learning 3D CAD (2days)	26 10 am - 2 pm CAD - Learning 3D
	28	29 4:30 pm - 9:30 pm BB&BS Event	30 6 pm - 9 pm Open House Night	31	1	2 Groundhog Day

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