BRIDGEWIRE makerspace newsletter

July 2017

BIG EVENTS

Bridgewire is attending the Reno Mini Maker Faire, July 8th This is Bridgewire's biggest event of the year. We will have a large 20ft x 30ft tent at the Reno Mini Maker Faire this year. We will have many hands-on exhibits for the visitors to interact with. This year promises to be our biggest and best showing. We have most of our volunteers identified but we may still need a few. Let us know if you can help. There will be **FREE TICKETS** for Bridgewire event volunteers who put in at least 4 hours at our Booth.

Please use AmazonSmile to Donations to Bridgewire 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 we login to Amazon. Each donation is small. But if we all participate, this could add up to 100's of dollars per year.

T-Shirts We have finally designed a T-shirt. You will be e-mailed with an opportunity to purchase our first Bridgewire T-shirt. The campaign will probably last a few weeks. The current design shown below needs to be approved by the Board.

FRONT (upper right?)

BRIDGEWIRE makerspace

BACK OF T-SHIRT

BRIDGEWIRE makerspace

THE BOARD DECISIONS

Nothing New!!! The Board is executing plans and getting documents approved and filed. In the coming months, the Board will discuss long term vision for Bridgewire but will likely only oversee and approve already planned expenses.

The Board also approved changes to the Bylaws, and Articles of Incorporation. These documents still need to be approved by the membership (our delay). The Bylaws (Rev4) and Articles (Rev3) will be submitted to members for a vote at the July 11th members meeting and potentially extend into online voting if we don't achieve minimum membership participation. We require over 50% of our membership to cast a vote of Accept or Reject the changes for each document.

EDUCATION HAPPENINGS

Education Officer, John T. has continues to work with members to create a list of classes to be scheduled on a regular basis. ***Please see the Calendar below***. These educational opportunities are primarily free to members with some small fees to non members. Please see the individual class for details.

If you would like to add your own class or event to the calendar, please contact John to develop and schedule your class. To help, contact John at renoscuba1@gmail.com.

Reoccurring Education classes and events:

- **Metal Shop and Welding:** Hosted and taught by Lee Elliott.
- **Wood Shop:** Hosted and taught by Roman Hruska.
- **CAD Class:** Hosted and taught by Eric Bradford
- **Inspiration Exchange and Project Ideas:**
- **FIX-IT Workshop:** Hosted and taught by Eric Bradford
- **Big Brothers and Big Sisters Activity Events:** Hosted by John T.

Coming Soon!!! Education classes and events:

- **Laser Cutting:** Delayed until laser is ready.

Teacher Needed!!! Education class:

- **Soldering:** We are looking for a new host/teacher to teach once a month. Eric will host the July event.
- **Microcontroller Presentation and Collaboration Night:** We are looking for a new host/teacher to teach once a month

BB&BS Event. These events will take a summer hiatus. They have been very successful, but summer vacation for the kids has dispersed the participants into other activities. John T. will coordinate the restarting of the monthly making activity in the fall. These events are approximately 2hrs in length and occur on weekday evenings. They will either be using the project tables area or the media room depending on the activity.

FACILITY HAPPENINGS

Facilities Officer, Lee Elliott is still the Interrum Facility Officer until we can find a permanent volunteer for the position. His duties are limited to the essentials. This means the things we want to improve will be delayed. Some maintenance items will not get done. The Board is now searching for a new Facility Officer. If you are interested, please contact Eric Bradford for details about needs and expectations for the position.

Cooling Fans We have a Swamp Cooler, one 36” fan, and two 25” fans. We can cool down the shop and offices better than any time in the past.

Laser Rebuild. We have decided to refurbish this obsolete Epilog. The bed is 22” x 17”. The mechanics are good, but the laser and controller are damaged. We are spending approximately 40% of the original budgeted 48” x 36” laser money to make this one functional. This option will also provide us with two capable CO2 lasers. One will run Objectworks and the other will run RayCam or LaserCad software.

Rebuild and assemble days are scheduled on the calendar if you would like to help rebuild this laser.

CNC Wood Router. We have brought in John T.'s 4ft x 8ft (Buildyourcnc.com) GreenBull Machine.

Thanks to all the volunteers who helped get the machine transported here. Since its arrival, Tony B. has done significant work to do some rewiring, install the cable carriers, and get the Mach4 communicating with the controller properly. The machine is nearly ready to unleash. we will create training and education classes and get them on Calender shortly.

Vending Machine updates The Vending machine electronics is still not functioning properly for the C5, C7, C9 drink dispensers. The machine sees a false "soldout". If you are an electrician that knows how to trace down electical faults on PCBAs we need your help. Please contact Ralph Santos to gain access to the machine to repair it. We are heading into summer and we all want cold drinks.

Craigslist Sale Continues We have sold about 3/4 of the items we listed for sale and raised $832 so far. We still have several items for sale. They are located on the shelves between the Inspection Table and New Tech Center. They are marked with a price on Blue Painters Tape. We have also identified several specialized items we can sell on Ebay for a total of about $1000.

The Safety + Hygiene Project to feed us better food while raising money for safety and janitorial needs is continuing. The money raised is being collected and set aside for future janitorial services. The logistics and management of this still needs to be structured.

Remember Prices are marked on the items. We are using the honor system. Pay for your items in the Black Box under the orange cabinets.

FINAL NOTES

Rules Reminder (from Policy Manual): Safety Glasses. Ol' One-Eye Stumpy our Safety Glasses maskot says, "Everyone remember to wear your glasses in the shops and labs." It not just a suggestion, IT'S THE RULE.

CLICK on Calendars to go to Bridgewire Calendar with interactive event details.

Bridgewire Calendar
July 2017

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26 6 pm - 7 pm Inspiration Exchange and Project Ideas	27	28	29 6 pm - 9 pm Open Space Night	30	July 1 12 pm - 1:30 pm FIX-IT Workshop
2	3	4 Independence Day	5 7 pm - 9 pm DEFCON 775	6 6 pm - 8 pm Metal Shop and Welding 6 pm - 9 pm Open Space Night	7	8 10 am - 3 pm Reno Mini Maker Faire
9	10 6 pm - 7 pm BW Board Meeting	11 6 pm - 8 pm BW Members Meeting & BBQ	12	13 6 pm - 9 pm Open Space Night	14 9 am - 12 pm Project - Rebuild a Laser Cutter	15 9 am - 12 pm Project - Rebuild a Laser Cutter
16 9 am - 12 pm Project - Rebuild a Laser Cutter	17	18	19 5 pm - 8 pm Nevada Inventors Association - Monthly Meeting/Lecture	20 6 pm - 8 pm Wood Shop 6 pm - 9 pm Open Space Night	21	22 9 am - 1 pm CAD - Learning Onshape 3D CAD (2days)
23 Parents' Day 9 am - 1 pm CAD - Learning Onshape 3D CAD (2days)	24 6 pm - 7 pm Inspiration Exchange and Project Ideas	25 6 pm - 8 pm Soldering Class	26	27 6 pm - 9 pm Open Space Night	28	29
30	31	1 6 pm - 7 pm BW Board Meeting	2 7 pm - 9 pm DEFCON 775	3 6 pm - 8 pm Metal Shop and Welding 6 pm - 9 pm Open Space Night	4	5 12 pm - 1:30 pm FIX-IT Workshop

ALL MEMBERS, If you would like to add an event. Press the “Add Event” button on the calendar at bridgewire.org Schedule your event with details and contact info. The new event will be hidden until an officer reviews and makes it public. Your events can be any project you want to share or get help with.