

Electronics Shop

Our shop is fully outfitted with the parts, tools, and test equipment you need to do any project. Projects created in this shop have ranged from LED boards and fruit pianos to guitar amps and custom PCB designs.



Quick Links

Captains/Co-Captains:

George Smolinski

Rudy Dominguez

John Lamport

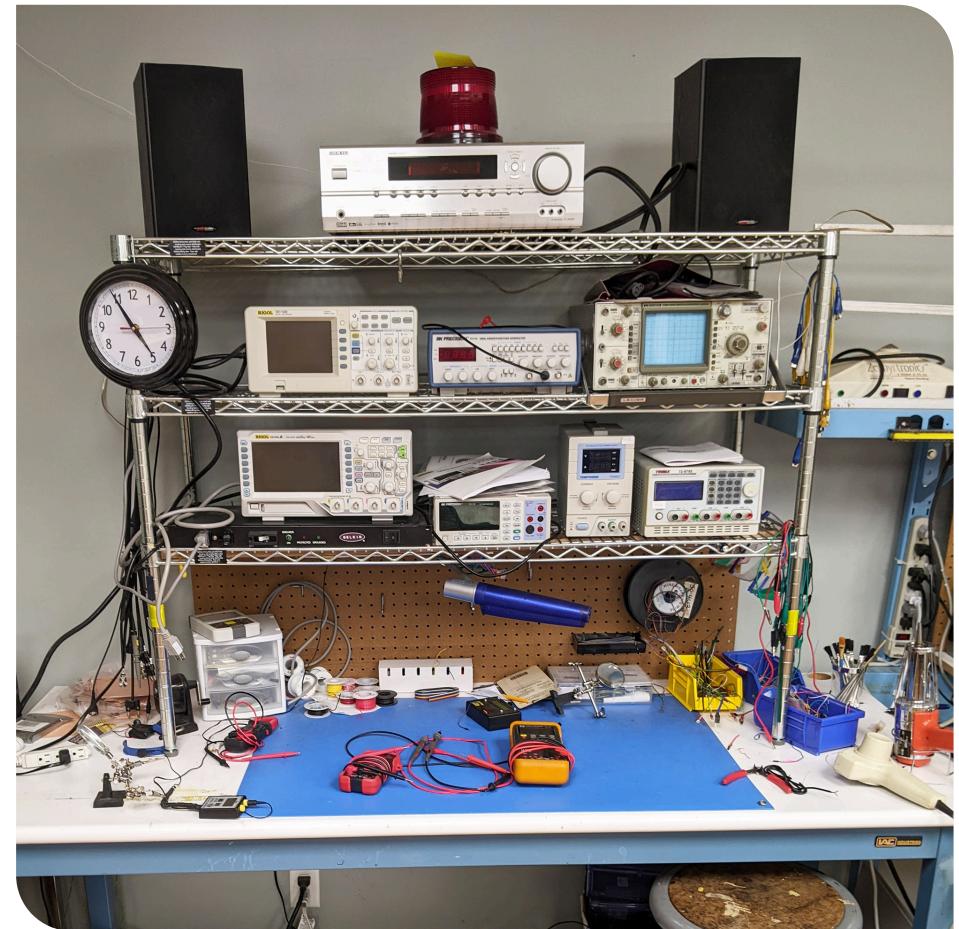
John Langner

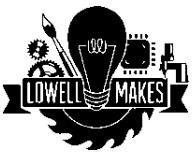
🔗 [Basecamp page](#)

✉️ [Email shop](#)

What's In The Shop?

- Arduino and raspberry pi microcontrollers (used to create IoT applications)
- Sensors, control, display, robotics, LED light displays
- Audio amplifiers and radios.
- Antique tube radio restoration.
- Guitar amps.
- Audio synthesizer.
- Benches and Components Galore
- Soldering Irons
- Probes



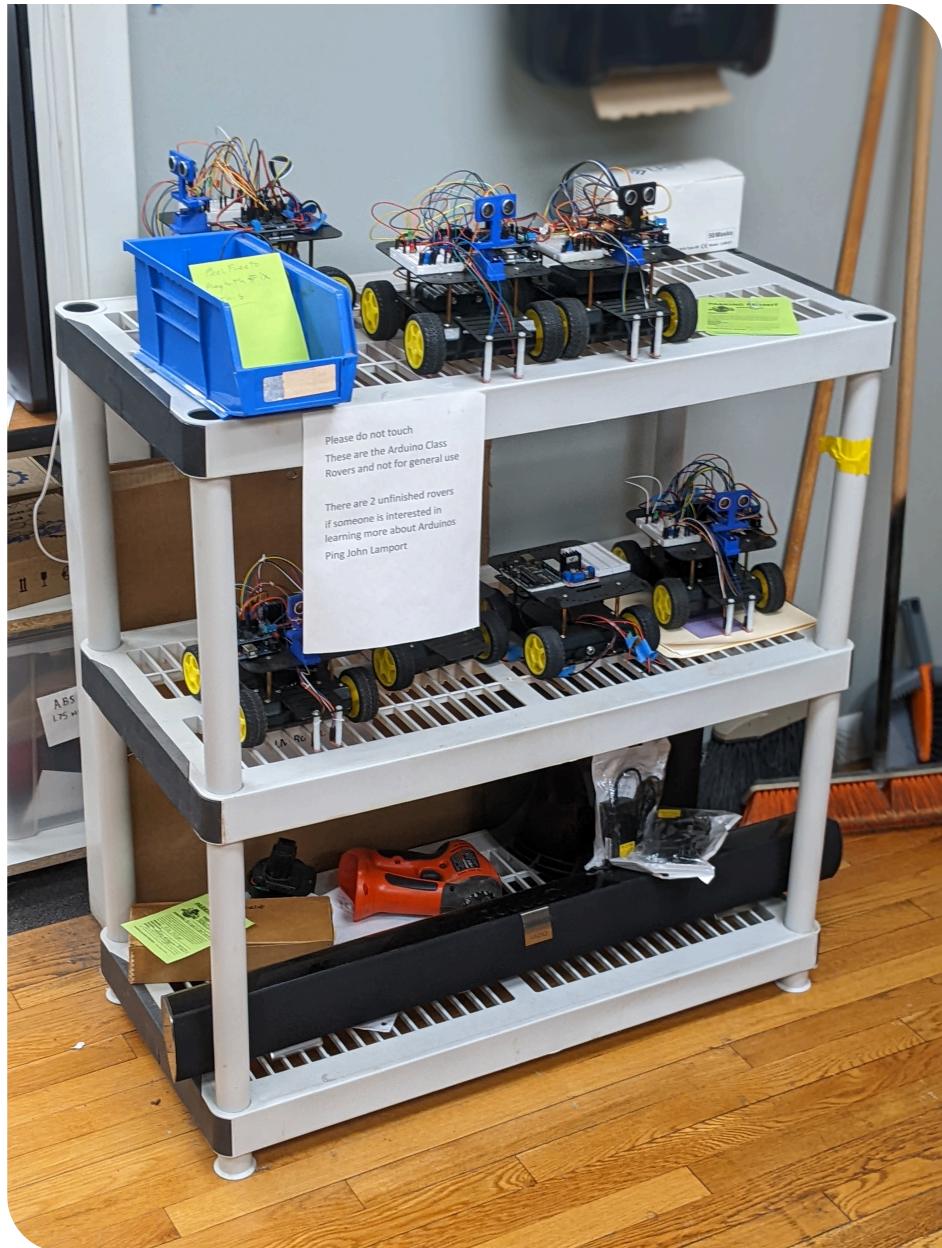


Lowell Makes



Robotics Shop & Arduino Station

The Robotics shop is more than just robotics. It's anything with a micro controller such as an Arduino or Raspberry Pi. Example projects are autonomous rovers, GPS tracking data loggers, soil moisture monitoring, garden controls, weather stations, internet radio, or any other project a member would like to work on. We will have group projects as well as help is available for members with hardware or software questions on their projects.



Project Robots

HAM Radio



Arduino Station



HAM Radio setup

Electronics Shop Equipment List

Power Supply (72-8795)

SMD Rework Station (303D)

DC Power Supply (TP3005T)

4 channel Oscilloscope
(DS1054)

Solder Station (FX-951)

Solder Station (FX-951)

2 channel Oscilloscope
(DS1102E)

laptop PC

Sweep Function Generator
(4012A)

RS-35M



Power Supply (72-8795)

Checkout Info

The electronics shop requires a checkout performed by a Captain or designated member. Currently the checkout consists of a single 15 minute checkout which covers all tools. No experience required. Reach out to the shop captains via [Basecamp](#) or electronics@lowellmakes.com to schedule a checkout time.

Still Have Questions?

Still have questions about the Electronics Shop? Reach out to our electronics shop team by contacting them at electronics@lowellmakes.com or on Basecamp.

Join Our Mailing List

Stay up to date on Lowell Makes events, classes and more.

Email Address *

example@mail.com



SUBSCRIBE



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