

The logo features the NECA logo on the left, which includes a stylized wave and three stars above the letters 'NECA'. To the right of this, the text 'North Florida Chapter' is written in a white, sans-serif font. Below this, the word 'CONNECTION' is written in a large, bold, white, sans-serif font. The background of the logo is a dark blue gradient with a complex network of glowing blue lines and dots, resembling a circuit board or a digital network.

NECA North Florida Chapter CONNECTION

2020 Board of Directors

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August Membership Meeting Cancelled

As COVID-19 continues to spread throughout the State, we feel it is in the best interest of the members to cancel this month's membership meeting. We will continue to update you with regular correspondence throughout the month on Chapter activities and offerings. Though our gatherings have been limited this year, know that the North Florida Chapter is continuing to work diligently on programs benefiting our members.

Join Us for Our August Course Offering

August 19th, 1 p.m - 4 p.m.

Change Order Management

Effective change order management can dramatically reduce a subcontractor's risk and increase profitability. This interactive course explores the change order process from a subcontractor's view point and provides participants with hands on training in recognizing, scoping, pricing, and negotiating change orders. This course culminates in a mock negotiation where participants can immediately practice the skills that they have

learned.

40 Attendees Maximum

Register now with this link! <https://attendee.gototraining.com/r/7549467146800092418>

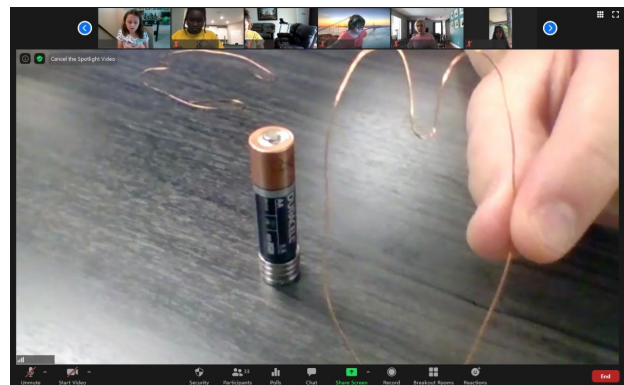
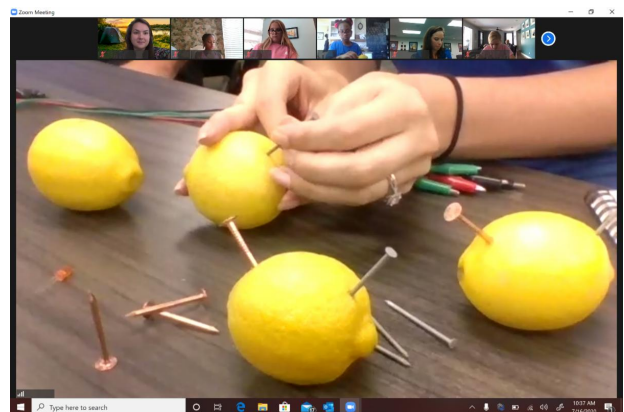
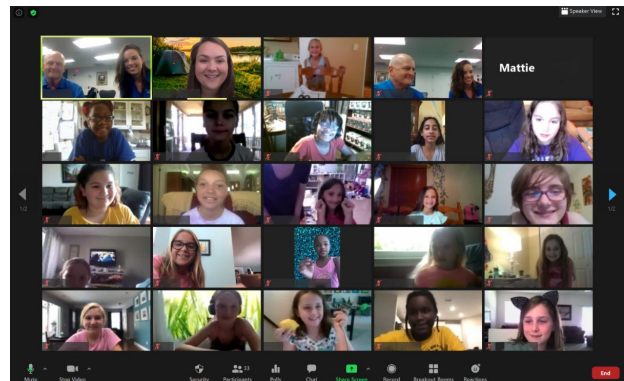
Recruitment Goes Virtual!

Due to COVID, our recruitment efforts have been forced to shift to meet the demands of our current environment. The team rose to the challenge and, this year, developed a program for middle-schoolers using video conferencing technology. The goal of these sessions is to introduce kids, who may not have family or friends in the industry, to the world of electricity at a younger age.

We were invited to share the curriculum with the Girl Scouts of Gateway Council at their 2020 Virtual Summer Camp Series. During this session, the recruitment team created five electrical projects and worked with twenty-five students.

First, the girls created batteries and were introduced to the basics of electrical current and resistors by using household objects. Then the group worked to create a simple and parallel circuit, first using copper and then aluminum. This project introduced them to the basics of creating and reading basic electrical circuit diagrams, an essential building block to understanding blueprints, while building on the previous concepts. Finally, the participants constructed a small DC powered motor. This project introduced them to the effects of magnetic fields on an electrical circuit.

It was wonderful getting to introduce these girls to the industry and watch them have a great time. We are excited to do many more projects like this in the future.

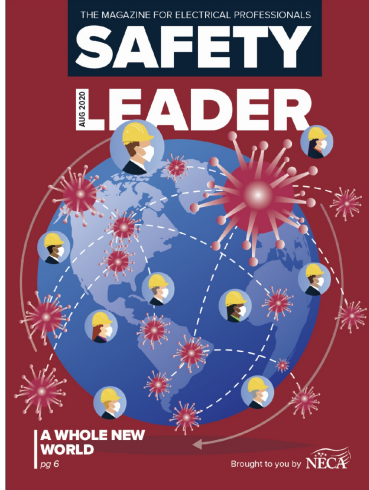


Look out for this month's issue of Safety Leader Magazine!

The August 2020 issue of Safety Leader Magazine will feature North Florida Chapter's own, Ron Hall.

Ron Hall retired as Safety Director at Cogburn Bros., Inc. He then came back part time to work with the company developing and training on their current model.

This article will discuss what led him to the world of safety and how he coaches others to follow suit. Safety Leader



Magazine comes each month with your Electrical Contracting Magazine.

Powering America Joins the High School 9:12 Team

Beginning August 2020, North Florida Chapter Executive Katie Enkiri will join the Board of Directors for High School 9:12. She will join as a representative of the NECA/IBEW Powering America group. The Powering America brand was adopted three years ago to represent joint initiatives that supported our management and labor organizations. High School 9:12 is committed to fostering development opportunities in high school environments. It is committed to the success of students in Jacksonville through partnerships in academics, sports, and life. This program utilizes academics, sports, and life skills to increase opportunities for success for students after graduation.



[Learn more about High School 9:12 here!](#)

ELECTRI Funding Recipients

July 20-24, ELECTRI held their annual summer conference. At these events, researchers across the country compete for funding dollars to develop content fundamental to our industry. As Council Members of the foundation, the Chapter is entitled to voting rights in choosing these projects.

In our February newsletter, we announced a Chapter supported project titled *VR Electricians: Using Immersive Storytelling for Attracting Students to the Electrical Trades* had been chosen for funding. In the July session, we heard an update from Masoud Gheisari detailing where the project is to date. The project he has worked on creates an immersive experience introducing high schoolers to the electrical industry. Masoud, an Assistant Professor at the Rinker School of Construction at the University of Florida, visited one of our three training facilities in June to incorporate real-life labs into the gamified narrative.

For more information on this project, watch the four minute video update: <https://youtu.be/EoAAmPI-xq0>

In the July session, we voted on new recipients of ELECTRI Funding. Recipients will begin research in August and have target completion dates of January 2021. Individuals will report to the Council at that time. The Chapter supported Hala Nasseredine, an Assistant Professor at the University of Kentucky, on her project titled *Allocating and Leveraging BIM Efforts for Electrical Contractors*. Her work aims to provide electrical contractors with a set of tools outlining the budgeting and execution of managing BIM throughout a project.

The finalized project will seek to provide customized recommendations based on the size of a company.

For more information on this project, watch the three minute video proposal: <https://youtu.be/Vi-YFmsTvsM>



3M is offering virtual certification training for 3M Medium Voltage and 3M Firestop training. They are also currently offering dozens of free online training videos from their Energy Academy Course Catalog on their website. These videos include breakdowns of repairs, insulation, moisture sealing, and even touches on topics like the basics of electricity and how to operate 3M tools and machinery. Check out the catalog [here](#) and take advantage of this great opportunity while it lasts!

For specific training needs, please contact Rob Rideau rdriveau@mmm.com and he would be happy to schedule your needed training.



Why Should You Attend?

You will be able to take advantage of the education, entertainment, networking, and everything NECA Convention has to offer, at a fraction of the price. Plus, all educational sessions will be available to you, on-demand, at no extra cost for 30 days after NECA 2020 LIVE.

What Should I Expect?

- The Best Trade Show Floor in the industry
- Diverse educational tracks and sessions about industry best practices, leadership and communication related to company culture, COVID-19 and more.
- Daily entertainment from virtual live music to virtual happy hours. Prepare to be engaged 100% of the time.
- Industry leading exhibiting companies, interacting directly with attendees.
- Virtual swag bags and product demonstrations.
- Chances to win big prizes in daily “Play to Win” games and more.

Registration opens Aug. 3, 2020.

- \$200 per individual registrant for NECA members before Sept 15, 2020
- \$250 per individual registrant for NECA members after Sept 15, 2020
- \$500 per individual registrant for non-members

Be sure to subscribe to NECA’s Event Updates and follow NECA’s LinkedIn, Facebook, Twitter and Instagram to receive all timely NECA 2020 LIVE announcements.

Codes and Standards Report

In Marinas - Examples of 2020 National Electrical Code® changes

When it comes to marinas, both saltwater and freshwater, corrosive environments can be very tough on electrical equipment. Many marinas often lack ground-fault circuit interrupters (GFCIs), devices that automatically shut off electrical power when they detect a leakage. Compounding the problem is that there are no consistent rules about recurring safety inspections.

The following codes and standards apply to boats and marinas and their related electrical safety issues:

- NFPA 70, National Electrical Code, covers electrical installations in boats and marinas. The NEC, however, only covers new installations and does not address other issues such as maintenance and re-inspection.
- NFPA 302, Fire Protection Standard for Pleasure and Commercial Motor Craft, applies to the fire and life safety requirements for boats.
- NFPA 303, Fire Protection Standard for Marinas and Boatyards, applies to the facilities that house and service motor craft.

Examples of 2020 National Electrical Code® changes:

- No swimming sign Article 555 added “floating buildings” to its title and scope. Part III of Article 555 covers installation requirements for floating buildings.
- Signage requirements have been relocated from 555.24 in the 2017 NEC to 555.10 in the 2020 NEC and now require permanent signage at docking facilities, boatyards, and marinas.
- 555.13 - All metal parts in contact with the water, all metal piping, and all non-current-carrying metal parts that are likely to become energized shall be connected to the grounding bus in the panelboard using solid copper conductors; insulated, covered, or bare; not smaller than 8 AWG. Connections to bonded parts shall be made in accordance with 250.8.
- 555.5 - Pier power distribution systems maximum voltage has been reduced from 1000 volts phase to phase, to 250 volts maximum phase to phase. Pier power distribution systems, where qualified personnel service the equipment under engineering supervision, shall be permitted to exceed 250 volts but shall not exceed 600 volts.
- 555.7 - Transformers shall be identified for wet locations, for both new installations and replacement of existing transformers.
- 555.30(C) – Replacement electrical connections must be installed at least 12 inches above the deck of a floating pier.

Article reproduced from the National Fire Protection Association website - www.nfpa.org

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4 FACE-TO-FACE QUARTERLY SUMMITS

MONTHLY CHECK-INS / COACHING SESSIONS

QUARTERLY SUMMIT LOCATIONS WILL BE DETERMINED BY THE MAKEUP OF OUR 2021 REGISTRATIONS. THE MOST POPULATED GEOGRAPHIES WILL BE HOME TO THE IN-PERSON QUARTERLY SESSIONS.

INVESTMENT \$8000 / \$155 PER CLASS

TUITION INCLUDES IPAD, ALL REQUIRED IBOOKS, ALL REFERENCE MATERIALS, NEXT LMS ACCESS, AND A SUBSCRIPTION TO HARVARD BUSINESS REVIEW FOR 2021.

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2019 • DETROIT • PHILADELPHIA • PITTSBURGH • ST. LOUIS
2020 • PITTSBURGH • PORTLAND • WASHINGTON D.C.

The **NEXT Academy** is offering a 12 month intimate training ground for high potential construction leaders. This training program was built to help **NEXT** participants become more prepared, dynamic leaders that can drive their construction company's sustainability

and profitability. **NEXT Academy** utilizes an interactive 3 part leaning structure built for today's construction professionals. **NEXT** utilizes a blended delivery method leveraging mobile technologies, a modern learning management system and video modules to allow for the adaptive, responsive structure modeled for executive leaders. **NEXT** has 500 spots available for their 2021 cohort. Visit their website [here](#) to learn more and register for the 2021 year.

Electrical Contractor License Renewal Resources

License renewals are due August 31st. Due to the inability to meet in-person throughout the pandemic please note we are unable to provide CEUs for licenses at this time. These groups offer on-line courses:

<https://ez-ce.com/electrical-contractors-electricians-continuing-education-courses-license-renewal/> [Florida Renewals Only]

<https://www.mikeholt.com/previewstatecourses.php?id=20>

<https://www.tradesmance.com/florida-electrical-continuing-education#>

<https://www.electricalicenserenewal.com/Electrical-Continuing-Education-Courses.php?state=FL&trade=Electrical>

We are in the process of State submittals and will be providing additional options to members in future renewal cycles.

Looking Forward

- August 13th, 2020: **Change Order Management** Virtual
- August 18th, 2020: ~~**NECA Membership Meeting**~~ Jacksonville, FL **CANCELLED**
- September 1st, 2020: **The Electrical Contractor as an Integrator Part 1** Virtual
- October 5-7th, 2020: **NECA 2020 Live** Virtual
- November 2nd, 2020: **Look in the Mirror, an Exec's Role to Business Development** Virtual

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