

The logo features the NECA acronym with a stylized wave and stars above it, followed by the text "North Florida Chapter" and "CONNECTION" in large, bold, white capital letters on a dark blue background with a circuit-like pattern.

# NECA North Florida Chapter CONNECTION

## Board of Directors

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## Upcoming Course Offerings

### Enabling Success- Creating Alignment Between Field and Office

For construction firms to thrive, synergy, teamwork and trust must exist between the office and the field. The proper deployment of defined processes and tools will facilitate this critical alignment. This collaboration must begin before mobilization, and continue through project closeout. During this session, we will discuss the workflow that must exist in order to mitigate risk and maximize productivity. During this session, we will discuss why the processes of preconstruction planning, short interval planning, production tracking, daily project reports, exit strategy, and lessons learned are critical to the organization. We will also discuss what the benefits are for each member of the team, and how these processes can be properly implemented

**Tuesday, February 8th, 2022.**

**8:00 a.m. - 12:00 p.m.**

***Will be held at the North Florida NECA office***

### Basic Estimating of Electrical Construction

Small mistakes in an estimate can have a huge impact on your bid's bottom line and this course provides the tools needed to be both comprehensive and competitive. This course will discuss the process for assembling an estimate including: developing material lists, applying labor unit data, material takeoff and application of direct job costs, overhead, and profit.

**Tuesday, February 15th - Thursday, February 17th.**

8:00 a.m. - 4:00 p.m.

*Will be held at the North Florida NECA office*

## **Coaching for Improved Work Performance**

Learn how to develop an Action Plan for constructive change in any employee. Learn techniques for elevating the trust and confidence of the people you supervise. Use the Performance Discrepancy Analysis Model to achieve peak performance.

**Thursday, March 24th, 2022.**

**8:00 a.m. - 4:00 p.m.**

*Will be held at the North Florida NECA office*

**Masks Required per Instructor's Request**

## **Creating A Customer-Focused Organization**

Interaction with customers is critical to your organization's success and this contact occurs with employees at every level. Not all of your employees feel comfortable with or understand how important their role is in building and maintaining customer relationships. By developing specific skills in this area, your staff can more effectively represent your association and help you reach your defined objectives.

Learn what works and what doesn't with customer service to make sure everyone on your staff is contributing to positive experiences for your customers and members. Attendees to include senior project managers, project executives, group/branch executives, corporate executives, owners.

**Monday, April 4th, 2022.**

**9:00 a.m. - 11:00 a.m.**

*Virtual Class*

## **Build the Ultimate Brand: How to Communicate and Sell**

In today's ever-changing business climate, we must develop new ways of standing out from the crowd. Once we know the strengths of our identity, we can set about building a comprehensive way to sell our unique brand to customers. Learn how to use your personal brand to gain commitment, strengthen communication skills and develop solid networking habits.

**Monday, April 11th, 2022.**

**8:00 a.m. - 4:00 p.m.**

*Will be held at the North Florida NECA office*

**Masks Required per instructor's request**

## **Transformational Leadership: Creating High Performance Work Teams**

Companies invest millions of dollars in technology, equipment and technical training for improved performance and productivity, with little to no investment in the human interaction side of leadership. Well-intentioned managers, supervisors and foremen create barriers to success, never realizing the negative impact they may have on subordinates, bosses or peers. This program is designed to identify and eliminate potential blind spots to those behaviors which could be sabotaging performance and create dysfunctional cultures impacting safety, quality and productivity.

**Monday, May 2nd, 2022.**

**8:00 a.m. - 12:00 p.m.**

*Will be held at the North Florida NECA office*

## **Advanced Estimating of Electrical Construction**

Developed to discuss all phases of the estimating process, this course covers all phases of preparing a competitive bid. Key topics include identifying desirable bid opportunities, analyzing the company's capabilities to insure profitable results, the estimator's role at various stages of the project, writing an effective scope letter and identifying often hidden costs in the bid documents

**Monday, June 6th - Tuesday, June 7th.**

**8:00 a.m. - 4:00 p.m.**

*Will be held at the North Florida NECA office*

## Leadership Dynamics

This course is a management platform to give participants the skills they need to develop leadership power, transform resistance into support, master best practices for influencing others and delegate effectively

**Monday, August 22nd, 2022.**

**8:00 a.m. - 4:00 p.m.**

***Will be held at the North Florida NECA office***

**Masks Required per Instructor's Request**

### Change Order Management (Part 1)

Effective change order management can dramatically reduce a subcontractor's risk and increase profitability. This four-hour 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. Attendees to include field leaders, project administrators, project engineers, project managers, project executives, group/branch executives, financial managers, owners.

**Monday, August 29th, 2022.**

**9:00 a.m. - 12:00 p.m.**

***Virtual Class***

### Building The Case to Win- Claims and Change Orders (Part 2)

In this session, the group will discuss contract risk management and preservation of rights in order to increase the chances of financial recovery during project execution. Since the most valued information for contract conflict resolution come from those closest to the work, the basics of preparing that documentation and effectively translating the information will be discussed. The group will gain understanding and review examples of risky contract clauses, the process of claims management, the legalities of change order control, and preparation for lawsuits. Attendees to include field leaders, project administrators, project engineers, project managers, project executives, group/branch executives, financial managers, owners.

**Tuesday, August 30th, 2022.**

**9:00 a.m. - 12:00 p.m.**

***Virtual Class***

### The Art of Clear Communication: Get What You Want, When You Want It

True success in the workplace is the ability to achieve desired results through positive interaction and the willing cooperation of others. Learn how to develop synergy, build strengths, and enhance interpersonal skills by focusing on communication techniques to foster teamwork and get results.

**Monday, September 19th, 2022.**

**8:00 a.m. - 4:00 p.m.**

***Will be held at the North Florida NECA office***

**Masks Required per instructor's request**

### Technology Trends That Drive Success

By 2020 Internet-connected devices will grow from 400 million today to 50 billion and smart phones will have the capability of storing and accessing as much information as IBM's supercomputers. Technology will be even more critical in gaining new customers and recruiting key employees as everyone (employees, clients and competitors) will have hand-held access to the biggest, smartest, fastest computers in existence today and the workforce you hire has never lived without technology. Successful contractors understand the positive impact that technology has on business processes, the ability to respond to change, cost savings, efficiency and the bottom line. Attendees to include field leaders, project administrators, project engineers, project managers, project executives, group/branch executives, financial managers, owners.

**Wednesday, November 9th, 2022.**

**9:00 a.m. - 11:00 a.m.**

***Virtual Class***

# Human Performance - Its Role in Electrical Operations and Safety Excellence

Studies show that the likelihood of a serious event being linked to human performance is 90 - 95% versus equipment failure 5 - 10%. Opportunities exist to significantly raise awareness in employees leading to behavior change. This program is designed to raise awareness to those behaviors that put our employees, operations and the public at risk.

Wednesday, November 16th, 2022.

8:00 a.m. - 12:00 p.m.

Will be held at the North Florida NECA office

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## COJ Building Inspection Division Update

As we all prepare for the holidays and the end of the year, I wanted to take a minute to address one of the more common questions I am asked: What can we [the builders] do to help our reduce plan review times? Here are the two common items that prevent us from completing a plan review:

1. Incomplete permit packages. This can include something as large as forgetting to upload a required document like the Energy Forms, or something smaller, such as submitting documents that are not complete such as missing signatures on a permit application or energy forms. A couple minutes double checking the submission can save you from going back into the plan review queue with another submission.
2. Unsatisfied Agency Reviews. Whether it is a "Plan Review Only" approval from Drainage requiring additional documentation or from Concurrency requesting payment of mobility fees, without these items addressed, the permit will be returned for correction by the plans examiner.

We have been very successful with the ten day review of resubmissions for all building permit. If you do have to resubmit, you can expect to have your permit back in ten business days. That said, we have had an uptick in emails and phone calls to our plans examiners asking for resubmissions to be even further expedited. Many resubmissions are due to small items missed on the first submission or even unpaid mobility fees, but to best serve all of our customers, we review permits in the order they are submitted through the permitting system.

And I will wrap up with a couple of reminders:

- While each call and email is important to us and we strive to provide a response to each, please remember:
  - Provide an email address or call back number
  - Provide your permit number and/or address of the project
  - Provide a reason for the call, and
  - If possible, see if the information you need is on our webpages before calling or sending an email. I'd love to keep our plan examiners focused on reviews given the volume of submissions that are still coming in each week.
    - <https://buildinginspections.coj.net/> (Permit specific information; even for guest users)
    - <https://www.coj.net/departments/planning-and-development/building-inspection-division.aspx> (General Information)
- Review Times:
  - Building permit submissions are still strong (around 700 building permits submitted last week alone). Here is the average review times for first time submissions on our more common building permit types:
    - New single family: about 15 - 20 business days
    - Residential small projects: 10 - 15 business days
    - Commercial projects: about 25 business days

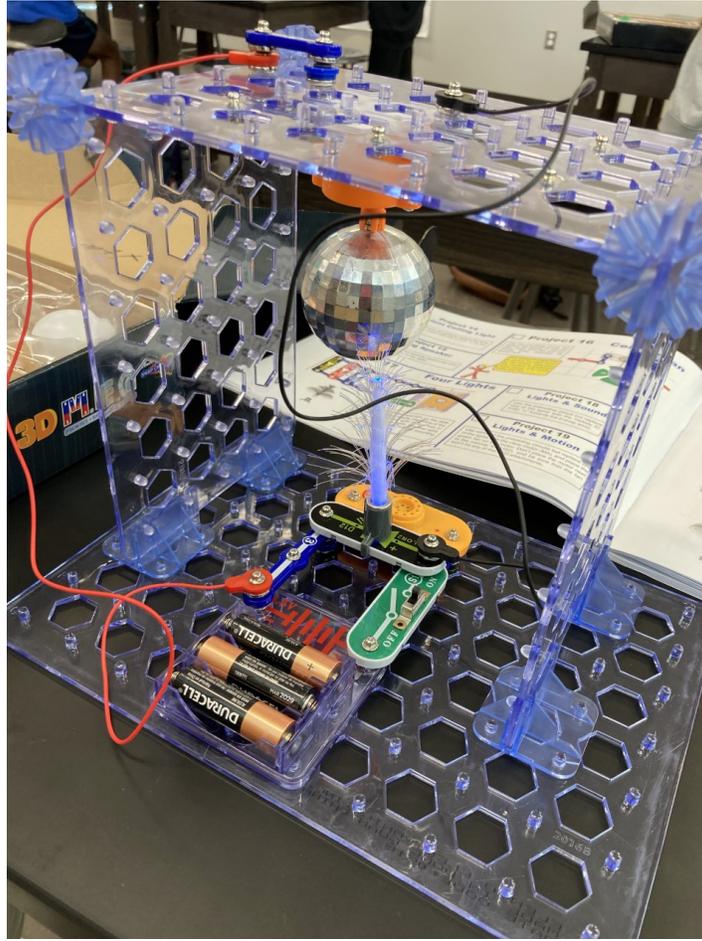
Joshua Gideon, C.B.O.

Chief, Building Inspection Division

City of Jacksonville | Planning and Development Department

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## Thank you North Florida Schools!



North Florida Chapter NECA has been very excited to once again get to team up with *Miller Electric Company* this fall to visit several schools around North Florida to talk to middle school and high school kids about the opportunities and benefits electrical apprenticeship could bring them. We are always excited to show the kids **Snap Circuits**, an interactive board game that teaches them the basic principles of electrical conduit. The kids always have a great time playing and creating all sorts of neat projects such as the one above. The project above includes a motor that spins the disco ball, as well as a speaker that plays music once they have correctly pieced them together.

Thank you to the following schools for letting us come out and show these future electricians a good time!

*Pine Island Academy  
Orange Park Jr High School  
Palm Valley Academy  
St. Johns Technical High School  
Murray Middle School*

We are looking forward to doing many more of these events in 2022!

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## Codes and Standards Report

### NFPA - Training Options



**NATIONAL FIRE PROTECTION ASSOCIATION**

The leading information and knowledge resource on fire, electrical and related hazards

The National Fire Protection Association (NFPA) produces and publishes the NFPA-70 standard which we know as the National Electrical Code (NEC), which is the standard on how we calculate, select and

install our work. NFPA offers many training courses through their website (<https://www.nfpa.org/>) that any electrical industry professional can benefit from. The topics include electrical, safety, life safety, healthcare and other related subjects.

NFPA 70, National Electrical Code Online Training programs offer participants the chance to apply the NEC during the design and construction of a building as it relates to electrical systems, all while utilizing the NEC as a reference. Participants will learn how NEC compliance helps provide electrical safety in commercial, and industrial applications and improve their ability to locate, interpret, and apply the requirements in the 2020 edition.

This self-guided online training series makes use of instructional presentations, interactive exercises, and an integrated set of scenario-based activities to impart information, allow for practice, and reinforce learning. You have the opportunity to demonstrate your ability to apply code requirements at crucial steps of the design and construction process with post-training assessments to confirm your understanding.

**The NEC Online Training Series offers 10 hours of high-impact, interactive instruction that helps you ensure safe and compliant electrical installation and design in your work setting.**

**Upon completion, you should be able to:**

- Describe NEC general requirements for the execution of work.
- Identify the requirements for determining minimum conductor size and calculating load.
- Determine the requirements for routing conductors and securing raceways.
- Define and describe the elements of grounded and ungrounded systems.
- Identify equipment grounding and bonding requirements.
- Identify types and functions of overcurrent protective devices.
- Determine ratings and requirements for motors and HVAC systems
- Apply these principles to common electrical system design activities.

**Maximize time by taking NEC training online, only available from NFPA®.**

Created by the leading experts in NFPA 70, National Electrical Code, the new NEC Online Training offers the professional instruction you need to meet the modern challenges of electrical compliance and achieve your career goals. Registrants have the opportunity to earn 1.0 valuable continuing education credits.

**The seven core concentrations for the 2020 NEC online series are:**

- General Equipment Installation Practices
- Conductor and Overcurrent Protection
- Wiring Methods and Raceway Fill
- Grounding
- Bonding
- Transformer Protection
- Motors and HVAC Equipment

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## JATC Apprenticeship Report

### Jacksonville JATC

To the members of the North Florida Chapter of N.E.C.A. -

The *Electrical Training Alliance of Jacksonville*, hope you and your family had a great holiday!!

2022 has started out as a busy year already! We are wrapping up an adult Pre-Apprenticeship class that began back in the Fall. Those who have completed the Pre-Apprenticeship course work may qualify for advanced placement if they are accepted into the apprenticeship program in the Fall.

We also have two new Adult Pre-Apprenticeship classes that will begin this week. One class will be here at the ETA and the other Adult Pre-Apprenticeship class in Baker County. The Adult Pre-Apprenticeship class in Baker County is in partnership with the Baker County School System. Both of these classes are scheduled for completion in the summer. Those who complete the Adult Pre-Apprenticeship will qualify for an interview with the Trustees for potential acceptance into our apprenticeship program.

An Electrical Vehicle Infrastructure Training class will begin on February 8th and will continue until March 3rd. This class is open to any journeyman and construction electricians who may be interested. Cost will be \$150 due upon registration; this will cover the cost of the textbooks and material for this course. If you

know anyone who may be interested in this class please have them give the ETA a call at 904-737-7533. They can also visit our website at- [etajax.org](http://etajax.org) for more information.

As always, if you have any questions or if we can be of service in any way please do not hesitate to give us a call.

*Daniel Van Sickle*  
*Apprenticeship and Training Director*

*Daniel McEachern*  
*Assistant Training Director*

## Daytona Beach JATC

Hello from Daytona Beach,

Happy New Year! We have had some exciting last few weeks in 2021.

We had a successful Apprentice Week event at Daytona State College with several vendors offering gifts to our apprentices and discounts on tools!

We ended our fall semester on December 18th and will be returning for our spring semester on January 18th, 2022. We graduated 13 apprentices with Ryan Combs of Giles Electric as our Top Apprentice.

Congrats Ryan!!

We received a grand from Daytona State College to purchase 30 new laptops as well as 10 motor control training units. Southwire donated a table bender and some wire-pulling equipment as well!

We currently have 88 apprentices working with 8 CW's ready to be registered. We are excited to attend some job fairs in January!

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## Electri Research Report

### Allocating and Leveraging BIM Efforts for Electrical Contractors

During its virtual Council meeting July 17-24, 2020, ELECTRI International awarded Hala Nassereddine, University of Kentucky, the Russell J Alessi Early Career Award for her proposal: Allocating and Leveraging BIM Efforts for Electrical Contractors. After she conducted a survey on BIM, Hala developed a website to convey the results and findings of the research.

[Read the full research page here.](#)

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## Looking Forward

- **February 8th, 2022-** *Enabling Success: Creating Alignment Between Field and Office*
- **February 15th - 17th, 2022-** *Basic Estimating of Electrical Construction*(Virtual)
- **March 22nd, 2022-** *Membership Meeting*
- **March 24th, 2022-** *Coaching for Improved Work Performance*
- **April 4th, 2022-** *Creating a Customer Focused Organization* (Virtual)
- **April 11th, 2022-** *Build the Ultimate Brand: How to Communicate and Sell*
- **May 2nd, 2022-** *Transformational Leadership: Building High Performance Work Teams*
- **June 6th-7th, 2022-** *Advanced Estimating of Electrical Construction*
- **August 22nd, 2022-** *Leadership Dynamics*
- **August 29th & 30th, 2022-** *Change Order Management Parts 1 & 2* (Virtual)
- **September 19th, 2022-** *The Art of Clear Communication: Get What You Want When You Want It*
- **November 9th, 2022-** *Technology Trends That Drive Success*(Virtual)
- **November 16th, 2022-** *Human Performance and Its Role in Operational and Safety Excellence*

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