

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

President: Edward Witt Jr.

Director: Brent Zimmerman

Vice President: Stan Brandies

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Upcoming Course Offerings

Upcoming Class Highlight:

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

ECF 2022 Continuing Education Schedule



North Florida Chapter NECA is excited to be teaming up with ECF for Member CEU's!

Guests will be allowed at classes based on space availability for a cost of \$25 per credit hour or \$235 to join as a member and receive all courses and benefits of ECF membership for the year. **Register early.** If you notify our Chapter of your registration, we will reimburse members in good standing up to \$1,000 per company. All hours will be reimbursed after attendance at courses is verified. Please contact us with the individual in your company who will be registered, the courses needed, and the location desired (or if virtual).

Registration is now open: You may choose any location and date you'd like to attend with the exception of the Volusia Chapter, which is open at this time exclusively to the Volusia Chapter members and returning attendees from the Volusia Classes held last renewal cycle. After May 1st registration will be open to everyone based on space available.

Guests will be allowed at classes based on space availability for a cost of \$25 per credit hour.

DATE: June 10 & 11, 2022

LOCATION: Care Electric
5633 Sarah Ave. Sarasota, FL 34233

CHAPTER: Manasota

REGISTRATION LINK: <https://www.ecf-fl.org/event-4736782>

DATE: June 24 & 25, 2022

LOCATION: Windmar Home Florida, Inc.
6753 Kingspointe Pkwy #107. Orlando, FL 32819

CHAPTER: Central

REGISTRATION LINK: <https://www.ecf-fl.org/event-4736774>

DATE: July 15 & 16, 2022

LOCATION: Hampton Inn – New Smyrna Beach
214 Flagler Avenue. New Smyrna Beach, FL 32169

CHAPTER: Volusia

(Open to everyone after 5/1/22)

REGISTRATION LINK: <https://www.ecf-fl.org/event-4736719>

DATE: July 29 & 30, 2022

LOCATION: Coresential
3119 Queen Palm Dr. Tampa FL 33619

CHAPTER: Tampa-Pinellas*

REGISTRATION LINK: <https://www.ecf-fl.org/event-4736679>

Courses Offered: A detailed catalog of course offerings will be posted shortly on our website at www.ecf-fl.org. All 2-day seminars will include a minimum of 13 hours of continuing education and will cover all of the required courses needed for renewal. *Please familiarize yourself with all required hours for your specific license renewal. A list of all licenses and requirements is attached.* Two of the sessions will be offered in-person and online, see below ** All of the 2-day seminars will include

the following:

- 1-hour of Workplace Safety
- 1-hour of Workers' Compensation
- 1-hour Business Practices
- 1-hour of Laws and Rules
- 1-hour on the 7th Edition (2020) Advanced Florida Building Code (FBC)
- 2 hours of Preventing False Alarms for contractors who engage in alarm system contracting.
- 6 hours of Technical

** The Edison and Tampa-Pinellas classes will be held in a hybrid format with both in-person and online options. Online students must have a camera and always remain live during the classes. Additionally, code words will be given during the classes that will be required to complete the survey after class to secure CE Credits.*

Legislative Updates

> **Sweeping Tax Package**

The legislature's robust tax package delivers \$1.1 billion in broad-based tax savings to families across the state over two years, with a focus on long- and short-term sales tax relief. The legislation results in savings for Floridians who are preparing for the upcoming 2022 Hurricane Season and the 2022-2023 school year, raising young children, purchasing ENERGY STAR appliances or skilled worker tools; as well as, individuals and families enjoying outdoor activities and events. With gas prices at an all-time high, a month-long gas tax holiday will provide relief for every Floridian who drives a car. The bill also eliminates property taxes for homeowners who suffered losses in the Champlain Towers condominium collapse in Surfside, Florida, and expands existing property tax relief for deployed military service members, widows, widowers and blind or disabled Floridians. The tax package includes the following:

- **Establishes the 2022 Back-to-School Sales Tax Holiday** - The legislation creates a 14-day "back-to-school" sales tax holiday from July 25 – August 7, 2022, for clothing, footwear, and backpacks costing \$100 or less, school supplies and learning aids costing \$50 or less, and personal computers or computer-related accessories, including non-recreational software costing \$1,500 or less.
- **Establishes the 2022 Skilled Worker Tools Sales Tax Holiday** - The legislation creates a seven-day sales tax holiday from September 3 – 9, 2022, for certain tools used by skilled trade workers. Tax-free items include certain hand and power tools, work boots, safety equipment, shop lights, toolboxes, and belts, plumbing and electrical equipment, and industry textbooks and codebooks.
- **Establishes the 2022 Gas Tax Holiday** - The legislation creates a month-long fuel tax holiday from October 1 – 31, 2022. The holiday will reduce the tax on motor fuel by \$0.25 per gallon.

Common Residential Building Plan Review Comments

Good afternoon,

We've seen an increase in permits returned for corrections so I've asked my plans examiners to share the most common reasons their reviews are not approved. The first list is focused on one- and two-family residential building permits, but many of these items apply to building permits for commercial projects as well.

Attached to this email is our residential plan review checklist. It is set up as a checklist to allow the applicant to go through the permit package and ensure it is complete prior to submission. I hope it proves to be a useful tool for all applicants.

Prior to electronic permit submission, it was not uncommon for many builders to pay an expeditor to submit their permit packages to the City. As part of this process, these expeditors went through each package with a fine-tooth comb and resolved many of the items on the list below prior to submitting the

permit package.

I've also attached Bulletin G-02-14 that addresses grading requirements for infill lots. While the DMG and Drainage reviews are completed in the Development Services Division, non-compliance with this bulletin often results in comments from their staff.

Common Residential Building Plan Review Comments

- Permit application incomplete: missing signatures, not notarized, etc.
- Energy Forms/EPL Display Card not signed.
- Truss/Shop Drawings missing shop disposition stamp from EOR.
- Agency Reviews with only conditional approval: concurrency/mobility fees not paid, etc.
- No active site work permit (when required, typically infill lots).
- Missing or invalid digital signatures from engineer/architect.
- Home on site plan does not match the footprint and/or orientation of home on other permit documents (architectural drawings, structural drawings, etc.).
- Missing information on architectural drawings: hazardous glazing locations, property address/lot number, flashing details, walls sections, stair details, GFI locations, etc.
- Incomplete permit packages/Required documents not submitted: active septic permit, truss package, energy forms, private provider forms, permit applications, contractor asbestos form, etc. (not all forms are required for every permit).
- Department of Health/Duval County Health Department approval (on site plan) for projects at homes with onsite septic systems that do not require a new septic system.
- Incomplete Florida Product Approval Information Sheets.
- Illegible documents: poor scan quality/incomplete scans, line weights that are too light or poor color choice for white backgrounds, etc.
- Site Plans for infill lots do not have the required information for Drainage Review (see attached G-02-14).

Comments Oriented toward Commercial Reviews

- Plans do not reflect complete scope of work: missing mechanical, electrical, and/or plumbing design.
- Occupant load incorrectly calculated based on occupancy classification instead of use areas.
- Drawings/permit documents lack detail and/or do not fully demonstrate code compliance.
- Incomplete tenant separation information: no information regarding adjacent occupancy classification, missing rated wall details/specification.
- Missing agency approvals: Air Quality/Environmental Quality, Historical, DIA, etc.

Comments Oriented toward Landscape/Site Work Reviews

- A tree survey showing all protected trees on a copy of the site plan (house, driveway, drain field, sidewalks, etc.) is needed.
- Trees to be removed need to be crossed out. Trees to be saved need to be circled. Healthy hardwood credit trees, 2" to 11.4" caliper and 10 feet apart, need to be marked with a triangle.
- A reason for tree removal, complying with the 14 approved reasons in 656.1206(e), is needed. If the reason is outdoor storage, landscape and irrigation plans need to be prepared complying with Part 12, Subpart C of the code.
- Trees on a shared property line require a signed/notarized letter of consent from the neighbor if the applicant wants to remove these trees. The name on the letter must be legible and match the neighbor's name as shown on the city GIS system. Include all properties/sides that apply.
- Per Section 656.1209, when the total cumulative renovation of an existing development is equal to at least 50 percent of the assessed value of the lot improvements (building value, not including land value), the project will be deemed a Qualified Project and landscape/irrigation plans are required. Tree survey not incorporated on to the site plan showing all structures.

*Joshua Gideon
Chief, Building Inspection Division
City of Jacksonville | Planning and Development Department*

Southern Region Convention



The 2022 Southern Region Convention will be taking place June 24th - 27th in the beautiful Stowe, Vermont! The convention will be taking place at *The Lodge at Spruce Peak*. The Lodge at Spruce Peak is a luxury four-season mountain resort located at the base of Mount Mansfield, Vermont's tallest peak. The Lodge at Spruce Peak features a full-service spa, fitness center, heated outdoor pool, many dining and retail options, and 36 holes of beautiful mountain side golfing.

The Lodge at Spruce Peak:
7412 Mountain Rd.
Stowe, Vermont 05672
(802) 282-4625
[The Lodge At Spruce Peak Website](#)

If you would like to register for this event, please visit the [NECA Net](#) or contact our chapter and we would be happy to assist you in the registration process. The hotel room block closes on May 20th, 2022, so if you would like to guarantee your room under the discounted NECA rate, your registration and hotel must be booked by **May 20th, 2022**.

Registration for the Southern Region Convention ends June 10th, 2022.

REGISTRATION FEES:

Member: \$675.00
Spouse/Guest: \$350.00
Children (7-18): \$150.00
Children (under 7): free

GOLF FEES:

Greens Fees: \$207.00
Club Rental: \$107.00

PRELIMINARY PROGRAM/SCHEDULE:

Friday, June 24, 2022

1:00 – 5:00 PM- Registration
6:30 – 7:30 PM- Welcome Reception

Saturday, June 25, 2022

7:30 – 8:30 AM Continental Breakfast
8:30 AM – 12:00 PM General Session
8:30 – 10:00 AM Spouse Hospitality Breakfast
1:00 PM Golf- Mountain Course

Sunday, June 26, 2022

7:30 AM Prayer Service
3:00 – 5:00 PM Premier Partner presentations
also featuring fun activities!

Monday, June 27, 2022

7:30 – 8:30 AM Continental Breakfast
8:30 – 12:00 PM General Session/Adjourn
6:00 – 9:30 PM Closing Reception/Dinner Village
Join us for a fun evening with live entertainment!

Project Excellence Awards



To showcase the exceptional work performed by our member-contractors throughout the country, the National Electrical Contractors Association created the Project Excellence Awards to recognize companies for their outstanding commitment, professionalism and ingenuity in delivering an electrical project across 13 different market sectors.

NECA will accept submissions for the 2022 Project Excellence Awards from March 1st to June 30th, 2022.

Awards will be based on whether the electrical/technology portion of the project is valued under or over \$1 Million for each market sector, except for industrial, low voltage/integrated systems, overhead transmission, residential, substation/interconnection and transportation/infrastructure.

Applications submitted must be based on projects completed in 2021.

[Login and submit your 2022 NECA Project Excellence Awards here.](#)

[Click here to view the 2022 NECA Project Excellence Awards Program Rules.](#)

[Click here to view the Judging Criteria for the 2022 NECA Project Excellence Awards.](#)

[Click here to view the 2021 NECA Project Excellence Awards Winners.](#)

Codes and Standards Report

Working Safely in the Heat: Proposed OSHA measures aim to prevent heat injury, illness

As each year gets warmer, the concern for occupational heat-related injuries and illnesses grows. Therefore, precautionary measures should be taken to protect workers. High temperatures can impair thinking, slow response time, and cause slippery hands, muscle fatigue, cramping and clouded eyewear. Hot weather can also result in more serious conditions such as sunburn, dehydration, heat exhaustion, fainting and heat stroke. Furthermore, it can amplify existing health problems including hypertension and kidney, heart and lung conditions.

With these dangers in mind, in October 2021, OSHA issued an official Advanced Notice of Proposed Rulemaking for Heat Injury and Illness Prevention in Outdoor and Indoor Work Settings. In the announcement, OSHA indicated, "A standard specific to heat-related injury and illness prevention would more clearly set forth employer obligations and the measures necessary to more effectively protect employees from hazardous heat. The ultimate goal is to prevent and reduce the number of occupational injuries, illnesses, and fatalities caused by exposure to hazardous heat."

The agency collected industry comments and feedback through late January. According to the Federal Register, OSHA sought a wide array of information concerning determinants of hazardous occupational heat exposure and heat-related illness in the workplace; inequalities in exposures and outcomes among workers of color and low-wage earners; structure of work and work arrangements affected by hazardous heat; existing efforts on heat illness prevention, including by OSHA, states, employers or other industry associations; heat illness prevention plans and programs; engineering controls, administrative controls and personal protective equipment; acclimatization; physiologic and exposure monitoring; planning and response to heat illness emergencies; worker training and engagement; costs, economic impacts and benefits; and impacts of climate change on hazardous heat exposure for outdoor and indoor work settings.

Personal impact

Heat impacts individuals differently based on age, weight, medical conditions and medications, so many in the construction industry have concerns about the effectiveness of regulations pertaining to heat-related injuries and illnesses. Some assert that risk factors are



not clearly defined and that a blanket threshold shouldn't be applied to all workers. An OSHA standard may be challenging to quantify and enforce.

There are also concerns that, in some environments, workers will only be allowed to work for a minimal time. In some cases, rest periods could last as much as three times longer than work periods. This would impose impossible costs on employers. There are also concerns regarding potential medical or physical screening requirements.

Despite these concerns, the standard is moving forward. The initiative is a priority for the Biden administration.

In a news release announcing the initiative, Secretary of Labor Marty Walsh said, "Throughout the nation, millions of workers face serious hazards from high temperatures both outdoors and indoors. Amid changing climate, the growing frequency and intensity of extreme heat events is increasing the dangers workers face, especially for workers of color who disproportionately work in essential jobs in tough conditions."

Enhanced enforcement

In the last year, OSHA implemented an enhanced enforcement program for heat-related hazards and developed a National Emphasis Program on heat inspections. The administration also created a National Advisory Committee on Occupational Safety and Health Working Group for Heat Injury and Illness Prevention. These were attempts to gear up for a permanent standard.

California, Minnesota and Washington already have OSHA-approved state plans with precedent-setting regulations addressing heat stress. California's standard has a starting threshold of 80°F.

In 2016, the National Institute for Occupational Safety and Health (NIOSH) released "Criteria for a Recommended Standard: Occupational Exposure to Heat and Hot Environments." The document recommends medical screening, physiological monitoring and recommended alert and exposure limits.

Additionally, it states, "Employers should have an acclimatization plan for new and returning workers, because lack of acclimatization has been shown to be a major factor associated with worker heat-related illness and death. NIOSH recommends that employers provide the means for appropriate hydration and encourage their workers to hydrate themselves with potable water."

Article taken from [Electrical Contractor Magazine - May 13, 2022 by Tom O'Connor](#)

JATC Apprenticeship Report

Jacksonville JATC

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

May had our classes wrapping up their coursework at the *Electrical Training Alliance of Jacksonville*. The

May 19, 2022 cutoff date for applications netted us 409 applicants for the Inside Program and 37 applicants for the VDV Program giving us a total of 446 applications submitted since June 2021. To date we have had 183 applicants take the Aptitude Test. Interviews will be concluded by June 22nd and math classes will begin the first week of July.

The *Electrical Training Alliance of Jacksonville* graduated 38 Inside Wireman and 3 VDV Installers! Congratulations to all of the graduates! We wish them well as they begin their careers in the trade.

As always, I am here to answer any questions you may have. Feel free to contact me if I can help with anything. On behalf of the Trustees of the Apprenticeship Committee, thank you for your continuing support.

Daniel Van Sickle
Apprenticeship and Training Director

Daniel McEachern

Daytona Beach JATC

This month we have been active interviewing applicants and have started placement of employment. We had 13 student's graduate and hosted graduation at the hall. We hosted an "ideal nationals " event at local 756 hall and had over 90 participants. We received some grants in cooperation with Daytona state college and received 30 laptops and 13 motor-control trainers as well as money for marketing.

Robert Cruz
Training Director

Looking Forward

- **August 22nd, 2022-** *Leadership Dynamics*
- **August 29th & 30th, 2022-** *Change Order Management Parts 1 & 2 (Virtual)*
- **September 13th, 2022-** *Membership Meeting*
- **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*
- **December 2nd, 2022-** *Holiday Party at TopGolf!*
- **December 2nd, 2022-** *Membership Meeting at TopGolf!*

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