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Florida West Coast Section
<http://www.ieee.org/fwcs>

The SunCoast Signal

The Institute of Electrical and Electronic Engineers, Inc.

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PE Corner

Art Nordlinger, PE, Senior Member

Inactive and Retired License Status Explained

It is my hope that all Professional Engineers licensed in Florida will renew their licenses by Feb. 28, 2021. However some licensees, particularly those who are retired or are no longer using their licenses, may be considering putting their licenses in “inactive” or “retired” status. Before taking that step it is important that the licensee understand the similarities and differences between these license statuses, and the process for status change.

The rules for inactive status are primarily found in Rule 61G15-22.002, Florida Administrative Code, *Licensure Change of Status*. Information and forms may be found on the Board’s website at fbpe.org/licensure/other-forms/.

A licensee may place their license in inactive status by completing the *Application To change Status from Active to Inactive*, and remitting the fee specified by Rule 61G12-24.001, F.A.C. The Change of Status Fee (Active/Inactive) is currently \$93.75 plus a \$5 mandatory unlicensed activity fee. To maintain a license in inactive status, the licensee must continue to pay the renewal fee each biennium, but does not need to take the continuing education hours. Naturally, an engineer may not practice engineering while their license is inactive.

An inactive license may be reactivated by completing the *Application for Change of Status From Inactive to Active*, and submitting the appropriate fee, which is the same as the renewal fee: \$93.75 plus a \$5 unlicensed activity fee. The licensee must demonstrate that they have completed the required 18 hours of continuing education.

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UPCOMING MEETINGS EXCOM

Tuesday, December 1st, 2020
Google Meet

Register with vTools

<https://events.vtools.ieee.org/m/248125>

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All material for THE SUNCOAST SIGNAL is due in electronic form by 1st Monday after the 1st Tuesday of the month, i.e. the ExCom meeting, preceding the issue month. **Inputs due: Monday, 10/07/2020.**

Address all correspondence to: Michael Mayor, 10006 Cross Creek Blvd., PMB 140, Tampa, FL 33647, michael.mayor@ieee.org (484) 524-3264

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Rules for retired status are found in Section 61G15-22.0017, F.A.C., *Application for Retired Status*. Information and the form may be found on the Board's website at the same location noted above. There is no fee associated with this status change. As with inactive status, once in retired status the licensee may no longer practice engineering. They are allowed to use the designation "Professional Engineer, Retired" or "P.E., Retired." It is important to understand that once a license is placed in retired status it may never be reactivated. If that licensee wanted to again practice engineering they would have to reapply for licensure.

An application for retired status must be approved by the Board and must be submitted at least 30 days prior to the Board meeting at which it is to be considered. FBPE will approve the retired status provided that the licensee has no pending complaints against their Florida license or any PE license held in another state.

There seems to be a misconception that simply not renewing a license will allow it to be placed in inactive or retired status. This is incorrect and may result in some unexpected consequences. If a license is not renewed it automatically becomes "delinquent." A delinquent license becomes "null and void" at the next renewal if the situation is not rectified.

In summary, those considering not renewing their license should carefully review the rules regarding inactive and retired status so that they can make an informed decision about which route to take. They should also understand the consequences of not taking action at renewal time. If you have questions, please contact the Board office.

Whether you are a PE looking to attain required CEHs, or an engineer looking to learn something new or keep current with the latest trend in the profession, IEEE has seminars that will meet your needs. And for the PEs, don't forget that the next renewal is only 2 month away. Better start earning those CEHs now!

Upcoming opportunities to earn CEHs

- ♦ **Page 3: Rules and Laws Seminar**
- ♦ **Page 4: IEEE 1547.8, Draft 8 ...**
- ♦ **Page 5: Updates and Training on NFPA...**



Rules and Laws Seminar

Date: Friday, December 4, 2020

Time: 9:30 am-11:30 am

Cost: \$30 members, \$50 Non-Members, \$20 Students

Speakers: Mr. Art Nordlinger, PE, IEEE Representative to the Florida Board of Professional Engineers

Presentations: The Rules and Laws That Govern the Practice of Engineering in Florida

Ethics and the Practice of Engineering in Florida

CEHs: One Rules & Laws CEH will be awarded, One Ethics CEH will be awarded, which will meet the current requirements for PE Renewals. Be sure to enter your name and PE number on the signup website as it appears on your license. IEEE Florida Provider Number is 0003849.

Location: This seminar will be presented virtually (online live)

Registration: <https://events.vtools.ieee.org/m/239252>

Questions: Art Nordlinger 813-630-6203 or a.nordlinger@ieee.org

Course Description

The Rules and Laws That Govern the Practice of Engineering in Florida.

This course is at a basic to intermediate level.

Florida Statute 471 – Engineering

FBPE and FEMC

Florida Administrative Code

Updates from NCEES and FBPE

Ethics and the Practice of Engineering in Florida.

This course is at a basic to intermediate level

Basic Engineering Ethics Precepts

Florida Administrative Code 61G15

Recent Cases and Examples

Speaker: Art Nordlinger is the Manager, Transmission Tariff and Contracts at Tampa Electric Company. Art earned a Bachelor of Science degree in Electrical Engineering from Northwestern University in 1979 and his Master of Engineering degree in Electric Power Engineering in 1988 from Rensselaer Polytechnic Institute. Art is a senior member of IEEE and a registered PE in Florida



**IEEE 1547.8, Draft 8;
“Recommended Practice for Establishing Methods and Procedures that Provide
Supplemental Support for Implementation Strategies for Expanded Use of IEEE
Standard 1547”**

Date: Friday, January 22, 2021
Time: 10:00 AM - 2:00 PM
Cost: \$100 members, \$150 Non-Members, \$10 Students
Speakers: Mr. Wayne Hartman, IEEE Senior Member
Presentations: IEEE 1547.8, Draft 8, “Recommended Practice for Establishing Methods and Procedures that Provide Supplemental Support for Implementation Strategies for Expanded Use of IEEE Standard 1547.”
CEHs: Four (4) CEH will be awarded. Be sure to enter your name and PE number on the sign-up website as it appears on your license. IEEE Florida Provider Number is 0003849.
Location: This seminar will be presented virtually (online live) and the link sent the day prior.
Registration: <https://r3.ieee.org/fwc/>
Questions: Robert DeMelo 813-963-0994, Robert.demelo@ieee.org
Steve Antman, (813) 460-5434, steveantman@ieee.org

Abstract: This technical session explores IEEE 1547.8, Draft 8, “Recommended Practice for Establishing Methods and Procedures that Provide Supplemental Support for Implementation Strategies for Expanded Use of IEEE Standard 1547.” This recommended practice applies to the requirements set forth in IEEE Std. 1547 and provides recommended methods that may expand the usefulness and uniqueness of IEEE Std 1547 through the identification of innovative designs, processes, and operational procedures. It considers the application of DER based on an overall system-wide, system integration basis. IEEE 1547 was established based on its requirements being satisfied at the point of common coupling (PCC), but 1547.8-D8 additionally addresses DER interconnection considerations beyond the PCC. We’ll address:

- DER interconnection system-level potential adverse effects
- Opportunities for EPS improvement, considering DER technology capabilities
- Operation of the Area EPS (distribution system) and operation of the Local Isolated EPS (microgrid)
- Effects on power quality, including voltage and frequency concerns
- DER interconnection response to abnormal Area EPS conditions of voltage, frequency, faults
- Advanced capabilities of DER functions for supporting Area EPS operations
- Potential for DER’s to increase reliability and efficiency of electricity delivery and grid operations

A decision was made in 2014 to roll select information from IEEE 1547.8-D8 into the presently being revised 1547.2, “IEEE Application Guide for IEEE Std 1547, IEEE Standard for Interconnecting Distributed Resources with Electric Power Systems.” The selected rolling of key information from IEEE 1547.8-D8 into IEEE 1547.2 will leave out details. This exploration will review key sections in detail.

Biography: Wayne Hartmann is a Senior Member of IEEE, serving as a Main Committee Member of the Power System Relaying and Control Committee (PSRC) for over 30 years. His involvement includes being Chair Emeritus PSRCC’s Rotating Machinery Subcommittee (’07-’10), contributing to numerous Standards, Guides, Reports, Tutorials and Transactions and delivering Tutorials IEEE Conferences. He has authored and delivered dozens of conference papers and contributed to McGraw-Hill’s “Standard Handbook of Power Plant Engineering.” Wayne has trained over 25,000 engineers and technicians in his 30-year career span.



**Arc Flash - Updates and Training on NFPA 70E-2021
Electrical Safety in the Workplace**

Date: Friday, February 12, 2021

Time: 8:00AM – 4:30PM

Speaker: John Leedy, P.E., President, Engineered Electric Services, LLC (EES)

Location: Over-the-web. Google Meet

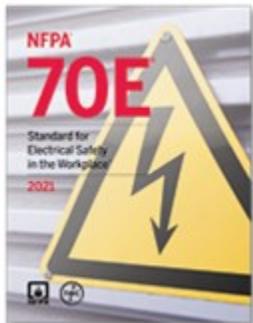
Cost: \$175 Members, \$300 Non-Members, \$100 Students.

Includes seminar text, “NFPA 70E – 2021, Standard for Electrical Safety in the Workplace” (a \$75 value)

CEH Credits: Eight (8) professional development hours will be awarded. Be sure to enter your name and PE number on the signup website as it appears on your license. Florida exempt provider #00015.

RSVP: Online at: <https://events.vtools.ieee.org/m/247106>

Questions: Steve Antman at 813-460-5434, or steveantman@ieee.org



Your local IEEE PES/IAS Chapter is offering this 8-hour training on Electrical Safety in the Workplace by John Leedy, President of Engineered Electric Services.

This training session will be devoted to the subject of Electrical Safety in the workplace. Topics such as “how does electrical safety and the NFPA-70E apply to the workplace” and “what is required to be compliant with the standards” will be covered. A copy of the standard, NFPA-70E-2021 Standard for Electrical Safety in the Workplace is included in the training costs.

John Leedy graduated from University of Florida in 1982 with a Bachelor of Science in Electrical Engineering with an emphasis in Power Delivery. John worked for Dillard Smith Construction as a protective relay technician. He joined General Electric as a Field Engineer, specializing in Power Substations and DC Electronic Drive Systems in Paper Mills as well as Project Management of Paper Machine Drive System retrofits and substation construction. John left GE to join the family business, Leedy Electric Corp, in 1987. He earned his Professional Registered Electrical Engineering certification for the State of Florida, Georgia and Texas and his Masters in Engineering Management from the University of South Florida in 2002

Along with several other career related certifications earned since being with Engineered Electric Services, (formerly Leedy Electric Corp)., he earned his Certified Power Quality Professional certification and has been working with NFPA 70E regulation since 2002, performing site Arc Flash Hazard Analysis and training management and employees on the standard. EES is located in Mulberry Florida, and has been in business since 1975, specializing in Engineering and Electrical Service for the commercial, manufacturing and industrial industries.

**The Center for
Initiatives in STEM**

UNIVERSITY OF CENTRAL FLORIDA

The Center for Initiatives in STEM (iSTEM), in conjunction with our industry partners, will host the **16th Annual FEEC on Saturday, March 6, 2021**. Due to the current pandemic, the 2021 FEEC will be held in a virtual format. K-12 STEM teachers, administrators, practicing engineers and other (informal) educators from across Florida involved in and/or interested in learning more about STEM education are welcome to attend the conference. Activities for the day include:

- A keynote speaker representing the education sector and/or STEM professional organizations and industries
- An industry panel to include senior STEM administrators from corporate agencies to discuss the importance of STEM to the future workforce
- A series of virtual concurrent interactive workshops

Those interested in presenting an interactive virtual workshop are encouraged to submit a proposal at the "Call for Presenters" link on our

<https://stem.ucf.edu/feec/>

Proposals will be accepted through **January 6, 2021**. Direct link:

<http://stem.ucf.edu/feec/call-for-presenters/>

Registration for the conference will open in early January on the same site. **The cost to attend the 2021 FEEC is \$10, however, presenters will be invited to attend free of charge.** Please do not register for the conference prior to receiving notification regarding proposal acceptance. A separate registration form for presenters will be sent after proposals have been accepted.

Thank you and we look forward to seeing you at this year's FEEC!
Sincerely,

Renée Sackell Johnston
Academic Program Coordinator II, K-12

COMPUTER MENTORS

Follow the Link:

<https://computermentors.org/>

**This Month at Computer Mentors
November 2020 News Letter follow the link:**

<https://mailchi.mp/computermentors.org/computer-mentors-group-monthly-e-newsletter-1smmjq935-4064600?e=bedd0a3246>

**New KidsCode and TEENtech
Programs Scheduled to Kick-Off
in January**

JANUARY LAUNCH WAITLIST

Computer Mentors is switching from an open-enrollment system to a cohort model for the sake of future efficiency. In the months leading up to the end of this year, Computer Mentors will still be holding classes for current students, and both Kids Code and Teen Tech will continue to run. However, we will be stopping the admission of new students in between Thanksgiving and New Year's. Any potential student who wants to apply during this time, will be placed on a waitlist for the revamped courses that will commence in January of the new year. This is to prevent new students being placed into advanced classrooms without enough time left in the session for them to earn any certifications or achievements.

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Insert / Sheet	\$200	\$260	\$800	\$1,000	\$2,000	\$2,400



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December 2020 Calendar of Events <i>(For more information see Page 1 in this Signal)</i>						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
		*EXCOM Google Meet			*Signal Inputs *Limitations...	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		