Inside This Issue
Welcome to our ECF Central Chapter Newsletter.

- Editor’s Note, Announcements, Safety Tip
- Supporting Business Advertisement
- Central Chapter Sponsorship Levels
- FEAT is looking for Electrical Instructors
- Lunch meeting on Distracted Driving & Hubbell Wiring Devices
- ACT & ECF Central Chapter’s Annual Clay Shoot
- Lunch meeting on the ACT Program & United Electrical Supply

Coming up
April 18th, The Annual Cookout & Cornhole Tournament

Save the Date
October 2nd, Fall Golf Scramble at Orange Tree Golf Club

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Steve Pirolli, FEAT
Dan Moore, Moore Electric Co.
Editors Note:

Hi and welcome to our Central Chapter Newsletter. It has been an amazing three months, one event after another. I sure hope you did not miss out. We started off in January with a luncheon at the Metro West Golf Club. Jeff Reed did a fine job with presenting Distracted Driving. Our Spot-Light Table at the luncheon was Hubbell Wiring Devices. Reed Collins covered Charger Outlets the next generation in technology. On Friday January 20th, 2017, the Academy of Construction Technologies celebrated its 25th year successfully placing pre-trained ready to work high school students with industry partners. The Central Chapter was recognized for its support and dedication. Department of Transportation Construction Career Fair was held at the Central Florida Fairgrounds on Thursday and Friday, January 26 and 27th. Over 1900 High School students attended. During FEATs presentation the students were given information about what electricians do and how to become an electrical apprentice in the FEAT Program: Just another good reason to join ECF Central Chapter and show your support for our future work force. Speaking of the work force, FEAT is looking for Electrical Instructors for its classes: see the ad for more information. Talking about finding information, my Safety Tip might help you organize information you have for when you need it. Heads-up, the development of the 6th Edition (2017) Florida Building Code is in the final stages and scheduled to go into effect on December 31, 2017. Bryan P. Holland, MCP – NEMA Codes & Standards Representative has provided an article on this subject. A ‘Big Thanks’ goes out to the Clay Shoot Event and Shooting Stand Sponsors. Your dedication and support means a great deal to the ACT Program. This years Winners of the Clay Shoot were from WELBRO Building Corporation. Giving young men and women the opportunity to see and learn what the Electrical Trade is all about opens the door to a working future. The Academy of Construction Technologies mission is to educate future generations on what the Construction Industry can offer them. At our March Luncheon meeting Nancy Merced presented what the ACT Program provides. Our Spot-Light Table was provided by Gary Tubbs from United Electrical Supply. As you can see, it has been a pretty active time and more to come. Don’t miss out on the Cornhole Tournament on April 18th at our Annual Cookout at the Pines at Windermere. Come out for some fun and good eats with your friends at ECF. Don’t forget to mark your calendar on October 2nd for our Golf Outing. Have a great day.

John R. Ewen
ECF Lifetime Member
Join us Tuesday, April 18th for
The ECF Central Chapter
Annual Cookout & Cornhole Tournament
At The Pines At Windermere
3409 Maguire Rd

Menu
Steak         Baked Beans
Bratwurst    Potato Salad
Chicken      Beverages

Join us from 5:00 to 7:30 p.m.
Annual Cookout
$15.00 per person
covers food & refreshments
Cornhole Tournament
$20.00 Per 2-Person Team
Prizes for 1st & 2nd Place

Please RSVP to
ecfcentralchapter@gmail.com
Or Kim Guay at: kim.guay@graybar.com

Show your support for the Roger Scroggins
Apprenticeship Incentive Initiative
And be a Cookout Sponsor for $100.00

Cornhole Tournament
Registration Form
Company Name ______________________
First Team
Team Player #1 ______________________
Team Player #2 ______________________
Second Team
Team Player #1 ______________________
Team Player #2 ______________________
Third Team
Team Player #1 ______________________
Team Player #2 ______________________
Our Spot-Light Table
HUBBELL WIRING DEVICES
Presented By Reed Collins
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Safety Tip

It all started at one of the Big-Box Stores. I was out to purchase a liquid fertilizer spray nozzle and on the way down the aisle I remembered I wanted to look at acquiring a Pressure Hose for my Pressure Washer. The store rep was very helpful and asked important questions that I did not have the right answers for. My intent was to purchase another hose so I could extend my existing hose another 25 feet. I thought for a moment that I could figure some way to make it work on my own. You know that Plan! So after arriving home, I went to my tool cabinet and in the file box where I keep all of my tool manuals, I located the Owner’s Manual. After reading through the manual I had the answers I needed to purchase the correct parts and do it the right way.

Organizes the Manuals you have.

* Pick a location to store your manuals.
* Utilize a folder per manual or a binder with sleeves or the case the tool came in.
* Remember besides the electric and battery tool, you also have your gas power tools.

Review & Reference

The Owner’s Manual has a Table of Contents providing you with important information: Safety Rules, Warnings, Instructions, Maintenance, Parts etc. So with all that said, take some time and organize those manuals.

Think Smart & Work Safe

Who Are We?
The Electrical Council of Florida
Central Chapter
PO Box 568052
Orlando, Florida 32856

On the web: [www.ecf-fl.org/central](http://www.ecf-fl.org/central)
E-mail: ecfcentralchapter@gmail.com

Join Today: Application located on last page of Newsletter

ECF is a non-profit trade association, owned entirely by its members. ECF’s primary purpose is to strengthen and unify all segments of Florida’s Electrical Industry. ECF was started in 1961 by a core group of 22 individuals with a goal of unifying the highly fragmented industry. ECF is education, information, but most importantly, ECF is people. People who want to learn more, do a better job, and take pride in their craft.
On Friday January 20th, 2017, the Academy of Construction Technologies celebrated its 25th year successfully placing pre-trained ready to work high school students with industry partners. The ACT program was created in 1992 with Orange County Public Schools and today partnerships with Orange, Osceola, Seminole and Volusia county High Schools. The celebration dinner was attended by over 200 people and Pat Walker, WELBRO Building Corporation, officiated the evening. ECF/CF Chapter and FEAT, along with 8 other Founding Fathers, received recognition for their support and dedication!

Gary Tubbs receiving for ECF Central Chapter

Steve Pirolli receiving for F.E.A.T

In addition to the changes made in the base codes, several new electrical requirements will be included in the updated Florida Building Code. Following is a brief review of two of these new requirements.

The current 5th edition (2014) Florida Building Code includes requirements for lightning protection on hospitals (449.3.15), nursing homes (450.3.27) and state educational facilities (453.17.7). The 6th edition (2017) Florida Building Code expands lightning protection to all new buildings and additions, other than one- and two-family dwellings, in compliance with the NFPA 780-14 Standard for the Installation of Lightning Protection Systems. This new requirement can be found in Section 2703 of the FBC-Building. The new section also requires surge protection devices to be installed for all normal and emergency electrical systems in accordance with the 2014 NEC.

The 6th Edition (2017) Florida Building Code also enhances swimming pool electrical safety with several new requirements for ground-fault circuit interrupter protection for personnel (GFCI) and equipotential bonding at both new and existing swimming pools. Outlets supplying new, repaired, replaced, altered, or relocated pool pump motors connected to single-phase, 120-volt through 240-volt branch circuits, whether by receptacle or by direct connection, and outlets supplying all other new, repaired, replaced, altered, or relocated electrical equipment and underwater luminaries operating at voltages greater than the low voltage contact limit, connected to single-phase, 120-volt through 240-volt branch circuits, rated 15- and 20-amperes, whether by receptacle or by direct connection, shall be provided with ground-fault circuit interrupter protection for personnel. This new requirement can be found in Sections 454.1.4.1, 454.1.10.4.1, and 454.2.16 of the FBC-Building, Section R4501.16 of the FBC-Residential, and Section 302.6.1 of the FBC-Existing.

Any of the parts specified in 680.26(B)(1) through (B)(7) of the NEC that are repaired, replaced, altered, or installed new at an existing swimming pool shall be connected to the existing bonding system using solid copper conductors, insulated, covered, or bare, not smaller than 8 AWG or with rigid metal conduit of brass or other identified corrosion-resistant metal. Connections to bonded parts shall be made in accordance with 250.8 of the NEC. An 8 AWG or larger solid copper bonding conductor provided to reduce voltage gradients in the pool area shall not be required to be extended or attached to remote panelboards, service equipment, or electrodes.
New Electrical Requirements Continued

All metallic float-in light rings shall be connected to the equipotential bonding grid. Float-in light rings with no provision for bonding, and other devices which do not provide an electrical connection between a metallic underwater luminaire and the forming shell of a wet niche fixture, including screws or bolts not supplied by the luminaire’s manufacturer and listed for use with the specific luminaire, shall not be allowed for use with any underwater luminaire that is required to be grounded. Where none of the bonded parts is in direct connection with the pool water, the pool water shall be in direct contact with an approved corrosion-resistant conductive surface that exposes not less than 9 in² of surface area to the pool water at all times. The conductive surface shall be located where it is not exposed to physical damage or dislodgement during usual pool activities, and it shall be bonded in accordance with 680.26(B) of the NEC. A bonded concrete pool shell shall be considered to be a conductive surface. The interior metallic surface or surfaces of any forming shell (wet niche) shall not be covered with any material, including plaster, except potting compound covering internal bonding connections in conformance with 680.23(B)(2)(b) of the NEC, shall be allowed.

This new requirement can be found in Section 454.1.10.4.1 of the FBC-Building and Section 302.6.2 of the FBC-Existing.

Not less than a dozen other “above-code” electrical requirements have been added to the 6th Edition (2017) Florida Building Code. The complete list of code modifications that have been approved by the Commission
FEAT is looking for Electrical Instructors

We are growing and will soon have classes at four Central Florida locations:

- Orange Technical College Mid Florida Campus
- Orange Technical College Westside Campus
- Orange Technical College Winter Park Campus
- Seminole State College of Florida (Sanford Campus)

To qualify, you will need a minimum of 6 years of experience in the electrical trade with one of the following: a journeyman electrician license, a master electrician license (active or inactive), an electrical inspector’s license, or an electrical engineering degree.

Call us at 407.438.3328 to find out more details or to set up an interview.

Or send an email to:

steve@featschool.org with the subject: FEAT Teacher

PLEASE PASS THIS LETTER AROUND TO EVERYONE YOU THINK WOULD BE A GOOD CANDIDATE TO BECOME AN ELECTRICAL INSTRUCTOR.

OUR FUTURE DEPENDS ON IT
THANK YOU

Industry’s Leader in Electrical Education
www.featschool.org
Department of Transportation Construction Career Fair

Was held at the Central Florida Fairgrounds on Thursday and Friday, January 26 and 27th. Over 1900 high school students were bused in from 10 neighboring counties for the event. Pictured is students in the Florida Electrical Apprenticeship & Training learning labs, installing 9 #12 THHN's in a 1/2" EMT wiring and pulling competition. The students were also involved in bending 1/2" EMT. As you can see, the students were engaged in the activities. During the presentation the students were given information about what electricians do and how to become an electrical apprentice in the FEAT program. Steve Pirolli, FEAT Program Director and ECF board member demonstrates how to bend a 3-point saddle.
ECF Central Chapter Sponsorship Levels
For Members and Non-Members. Effective January 1st, 2017

Platinum Level $750.00
( Worth $1,350.00 )
- 6 free General Membership Lunches
- Sponsorship at the Cookout
- 4 free golfers and a hole sponsor at the Golf Outing
- One year, 4 publications, full page ad in the Central Chapter Newsletter
- Product display setup and 10 minute presentation at one lunch meeting

Gold Level $500.00
( Worth 750.00 )
- 4 free General Membership Lunches
- Sponsorship at the Cookout
- 2 free golfers and a hole sponsor at the Golf Outing
- One time, full page ad in the Central Chapter Newsletter
- Product display setup and 10 minute presentation at one lunch meeting

Silver Level $250.00
( Worth $350.00 )
- 2 free General Membership Lunches
- Sponsorship at the Cookout
- Hole sponsor at the Golf Outing
- One time, full page ad in the Central Chapter Newsletter

Note: Sponsorship Levels do not include Individual Membership

Being a Sponsor
♦ You support The Roger Scroggins Apprenticeship Incentive Initiative
♦ You support ECF in its efforts to make our industry stronger
♦ You support networking between ECF Members

Select the level that works for you and contact one of our Board Members for assistance or email ECF Central Chapter at: ecfcentralchapter@gmail.com
ACT & ECF Central Chapter’s Annual Clay Shoot
Held at Catfish Creek Sporting Clays

Congratulation to the Winners
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The Academy of Construction Technologies recruits High School students 365 days a year to start a career in construction. Their mission is to educate future generations on what the Construction Industry can offer them including career advancement and high wages.

ECF Central Chapter
March 28th, Lunch Meeting
Presented by
Nancy Merced from ACT

The Academy of Construction Technologies (also known as the ACT program) was founded in 1992. ACT is a partnership of the Central Florida Construction Industry Contactors and Trade Associations representing both union and non-union employers. ACT works with Orange, Osceola, Seminole and Volusia county school districts to promote and recruit students into construction classes located within their district’s High School campus or Vocational Technical schools. Students participating in a registered ACT course receive classroom and lab training, CPR, First-Aid and 10 hours of OSHA training.

Spot-Light Table
Was Presented By
Gary Tubbs
From
United Electrical Supply
Special Thanks to the Hole Sponsors

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Cost per year for a quarterly published Newsletter
Business Card $35.00
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Half page $100.00

For one publication
One Full page $100.00

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Membership Application

Please review the Membership Categories and Dues Structure below. Select the chapter you wish to join - then fill out and return the Membership Application. Corporate Members, please copy this application for each additional member who will be joining ECF. You may pay by check or e-voice with a credit card.

**Membership Categories and Dues Structure**

- **Individual or Company Membership** - $200
  Provides a single membership in the selected local chapter.

- **Corporate Membership** - $300
  Includes a single membership in the selected chapter and participation in the Electrical Council Action Planning Committee (E-CAP).

- **Additional Corporate Member** from the same firm with choice of chapter. - $100

- **Apprentice/Student Membership**
  - If sponsored by an ECF Electrical Contractor Member. - No Charge
  - With no sponsor. - $25

  Apprentice/Student members may participate in chapter activities, but may not hold elected office or attend free CE training.

All ECF members receive News’s n’ Views magazine and local chapter updates. ECF Contractor members are eligible to attend ECF State sponsored Continuing Education programs at no charge.

Name
Company ____________________________________________ Address ____________________________________________
City/State/Zip __________________________ Phone (____) __________________________ Fax (____) __________________________ E-mail ____________________________________________
State License #: __________________________ #2 __________________________ #3 __________________________

**Select the category of your choice:**
- **Individual Dues** - $200
- **Corporate Dues** - $300
- **Additional Corporate Members** - $100 ea
- **Apprentice/Student with ECF Sponsor** - No Charge
- **Apprentice/Student with no Sponsor** - $25
- **Central Florida members please add $20.00 for each member in all categories.**

**Please check all that apply:**
- Electrical Contractor
- Electrical Supplier
- Electrical Distributor
- Electrical Inspector
- Manufacturers’ Reps
- Telecommunications
- HVAC Contractor
- Utility
- Consulting Engineer
- Facilities Engineer
- Low Voltage
- Apprentice/Student
- Other __________________________

**Total Amount Enclosed:** $________

Signature ____________________________________________
Date: ____________________________________________
Chapter Requested: ____________________________________________
Recommended by: ____________________________________________

**By submitting this application you authorize ECF to communicate with you at the address, phone, fax and e-mail listed below until further notice.**

Electrical Council of Florida
19031 N. Dale Mabry Hwy
Lutz. Florida 33548
Phone: 813-885-9605 Fax: 813-884-0326
email: casey@ecf-fl.org

“Florida’s Electrical Industry Leader”