



CONNECTIONS

Western Ohio Chapter • National Electrical Contractors Association



Published for members of NECA, Western Ohio Chapter • IBEW Local 82 • Miami Valley Business Community

January, 2019

URS Telethon

The United Rehabilitation Services (URS) held their Seventeenth Annual Telethon at WDTN TV Channel 2 studios on Sunday, December 2, 2018. The presenting sponsor this year was the Western Ohio Chapter of the National Electrical Contractors Association (NECA) and the International Brotherhood of Electrical Workers (IBEW) Local 82.

Several volunteers were on hand to take calls from donors.

This is the biggest fundraiser for the URS and raised over \$122,500! But more donations are rolling in because now the URS has established a payment plan for donors, thus ensuring monthly

donations. Executive Director Dennis Grant was elated with the number of volunteers that participated in the telethon.



WDTN Anchor Mark Allen interviews IBEW Local 82 Business Manager Greg Gust.

IBEW Local 82 Business Manager Greg Gust indicated that IBEW Local 82 has contributed over \$72,000 to the URS in the last few years. "I recommend that everyone take the opportunity to take a tour of the URS facility," says Greg. "It is humbling to see

the work they do and it will win over your heart."

A big thank you to the volunteers who fielded the phones for donations during the telethon: Kim Gust, Christina Ashburn and Daniel Ashburn all with IBEW Local 82.

For over 50 years, URS has been providing hope for families around the Miami Valley. The URS began in the 1950s as an informal support group created by parents advocating for their children with cerebral palsy. The URS offers a wide variety of

services for people with disabilities and their families including: adult daycare, adult latch key, augmentative communications, childcare,

hearing aid service, physical therapy, occupational therapy, speech pathology and vocational training. With more than 12 special events each year, volunteers are essential to their success! Everyday URS relies on individuals, companies and community groups to fulfill their mission



Kim Gust (from left), Daniel Ashburn and Christina Ashburn representing IBEW Local 82, take donations..

of enhancing the quality of life for their clients.

For more information visit ursdayton.org.

A little appreciation goes a long way

In an ongoing effort to show their appreciation for the excellent work being performed by the employees in the electrical industry, the Labor Management Cooperation Committee (LMCC) made up members from the Western Ohio Chapter of the National Electrical Contractors Association (NECA) and International Brotherhood of Electrical Workers (IBEW) Local 82 are providing lunches to

workers at various jobsites throughout the Dayton area. In addition, individual letters of appreciation are distributed to each worker, during the lunch, to thank them for their commitment to quality and safety on the job



The LMCC provides lunch to Chapel and Shook employees at the Fairmont Auditorium worksite.

site. It is their skill and dedication that makes each project a success.

In November, the LMCC recognized the efforts of the Chapel Electric employees working on a challenging project at Fairmont High School in Kettering. The \$10 million auditorium renovation / addition is located at 3301 Shroyer Road and is connected directly to the

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Physical Security Lab “Under Construction”

Local 82 Labor Management Cooperation Committee (LMCC) in conjunction with the Joint Apprenticeship and Training Committee (JATC) have funded the development of a Physical Security Lab to provide continued education and apprentice training in support of the security specialty systems including Access Control, CCTV and Intrusion systems. The education focus for the lab will be to ensure Journeymen and Technicians receive familiarization and specialty training.

market trend predicts 8.7% annual growth in Physical Security, culminating in a \$290 billion worldwide market.



Why build a security lab?

The security industry has been migrating towards IP based product solutions. Access Control, Cameras, and Intrusion Systems now operate as one system rather than independently. The forecasted

The Security Lab will provide courses including:

- Video Management Servers (VMS)
- CCTV (analog or digital)
- Access Control (traditional and IP)

- Intrusion Detection/Burglar Alarms
- Basic circuits and applying DC theory

- Door hardware familiarization
- Wiring and termination best practices
- Basic network configuration, TCP/IP
- Network switching, routing and Firewall configuration

The Security

Lab will become part of the apprenticeship curriculum and Continued Education for Technicians and Journeymen to improve upon and develop skills in support of the latest security trends.

Students will have the opportunity to learn industry standards from various manufacturers in both traditional and IP based

configurations. Contractors will be better positioned to pursue these opportunities and provide continued, ongoing services in support.

The Low Voltage Subcommittee has secured donations for most of the required equipment through supporting manufactures and distributors. The training facility is being constructed to emulate a similar Security Lab in Detroit which Kenny Smith and Cory Eckert visited in 2018.

Shook Construction, in support of the effort, is heading up the renovation of the education space. Walls, ceilings, paint and infrastructure, including functional metal door frames will be provided while Kenny Smith is working to ensure all associated infrastructure including servers, workstations, lab equipment, tables and chairs and cable pathways are implemented to provide jobsite familiarity.

Appreciation, cont'd.

existing high school. The project is deep into construction with theatrical lighting and dimming installations well under way. The project will be completed in February, 2019.

The new auditorium will be a big improvement over the old theater, which was totally demolished in 2017. The auditorium and lobby are approximately 19,200 square feet and the stage space is 4,800 square feet, up from 3,000 in the old theater. The height of the new stage will be 50 feet, giving the students more “fly space” for production theatrics according to school officials.



Rendition of new Fairmont Auditorium.

Bob Shaffer (Chapel Electric’s Vice President of Contract Operations) is the Project Manager for this project. He was very pleased that the employees on this project were selected for this honor. “Our Foreman, Tom Flayler, has done an excellent

job on a very complex project. Tom and his crew have put in long hours to keep up with a demanding schedule and their craftsmanship has been first rate. Great job!” says Shaffer. The employees recognized at the lunch were:

Thomas Flayler, Cody Vencill, Greg Groff, Todd Gregg, Hoss Coberly, James Meyers, Liz Chandler, Benjamin Roseberry, Mike Collins, Matt Long, Andrew Earl, Michael Fox and Caleb Downing.

General Contractor: Shook Construction.

Architect: Ruetschle.

Engineer: Heapy



January, 2019

Your comments, suggestions and questions are welcome! Contact the Western Ohio Chapter - NECA.

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 fax: 937-299-7322

Electrical Construction Technology 2019...

During 2018, electrical contractors saw various technologies start to have a larger role in the electrical construction industry. In 2019, they'll see many of these innovations have an even more prominent role and encounter new tech, too. Here are eight technologies electrical contractors can expect to see in 2019 and beyond.

1. Robotics

Automation is transforming industries of all sorts, including electrical construction. Some robotics-based technologies already in use help improve safety for electrical workers. Contractors can, for example, set up a wireless underground cable cutter and then control it remotely. Researchers have also built a prototype of a robot that can climb utility poles.

2. The smart grid

Smart grid initiatives involve incorporating sensors and other smart technologies into

electrical system infrastructure, enabling utilities and customers to get more detailed information about energy usage and control it more granularly.

3. Wearables

Many of the wearable devices used by electrical contractors can help enhance safety. Recent examples include Proxxi, a bracelet with an integrated sensor that vibrates if you get too close to high-voltage electricity. Another example is SolePower smart boots, which include lighting, GPS, temperature sensing and cloud connectivity. The boots can provide warnings about falls, overheating and proximity to hazards. They're also self-charging.

4. Prefabricated products

Modular construction is growing in popularity. Using premade solutions helps reduce the amount of repetitive work electrical workers need to do on-site, and some products come with fittings already attached.

5. Energy-efficient lighting technologies

LEDs have been a significant development in lighting technology in recent years.

In the coming years, LEDs will become more prominent, and the quality of LED products and designs will improve. They may even be able to adapt to the habits of their users in the future like smart thermostats do today. Wireless lighting products are also helping to speed up install times. In some cases, they can improve speeds by up to 70 percent.

6. Client relationship and project management software

Companies across various industries are now using software programs, often delivered via the cloud, to improve efficiency and maximize profits. Contractors can use this technology to keep track of their interactions with

customers, organize scheduling and billing, and reduce paperwork.

7. The internet of things (IoT)

One of the biggest tech themes of the last few years has been the internet of things. The IoT, as it's often called, is a network of devices that are connected to the internet and can exchange data. 5G, the next generation of cellular mobile communications, is expected to finally deploy throughout 2019 and enable the broader use of IoT.

8. Drones

One recent survey of seven sectors found that construction and engineering used drones the most. You can use them to survey potential project sites, monitor progress and inspect existing infrastructure. You can connect cameras and various sensors to UAVs, including thermal imaging and infrared attachments.

- Excerpts by Kayla Matthews, Published in 12/2018 EC Mag

IBEW 82 receives *Safety Awards*

The National Safety Council recently awarded IBEW Local 82 the Award of Merit to Outstanding Service to Safety, received by Jody Steinbarger. This was given to the Local for its support of the Safety Director, Committee, and its tasks. Local 82 was also issued this

award because of their safety achievements, such as having a Joint Safety Committee; actively participating in the National Safety Council Labor Division; participating on many committees nationally and locally; and helping to establish and promote a safety culture. The Citation for Meritorious Service to Safety was awarded to Roger Dawson and

Mike Perry for their continued support of safety on jobsites and always having the workers best interest at heart. Roger

and Mike are always available, no matter the time or place. And both Mike and Roger have always been outstanding safety leaders. Congratulations!



IBEW 82 Safety Director Paul Chaney (left) with IBEW 82 President Jody Steinbarger.



IBEW 82 Safety Director Paul Chaney (left) with Roger Dawson.



IBEW 82 Safety Director Paul Chaney (left) with Mike Perry.



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National Electrical Contractors Association Directory:**

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- Chapel Electric Company
- Chapel-Romanoff Technologies
- ESI Electrical Contractors
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- Kastle Electric Company
- Kastle Technologies
- Maxwell Lightning Protection
- RMF Nooter
- Sidney Electric Company
- Studebaker Electric
- Utility Instrumentation Services
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- York Electric, Inc.

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- Compass Electrical Solutions
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- Electricity, LLC
- Glenwood Electric
- Justice Electric
- Lake Erie Electric
- Mid City Electric
- Power Pro
- Production Electric
- Spurling Electric Co., Inc.
- Triad Electrical
- Wilson Sign Company

Affiliate Members NECA

- Advanced Service Technologies
- Becker Electrical Supply
- FD Lawrence Electric Company
- Graybar Electric Co., Inc.
- Heapy Engineering
- Riffle & Associates
- Square D / Schneider Electric
- Uptime Solutions

Western Ohio Chapter - NECA
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Dayton, OH 45439

**Sixteenth Annual
Team Building Night
April 24, 2019**

Sinclair Conference Center Great Hall

The Builders Exchange (BX) of Dayton and the Subcontractors Association of Western Ohio (SAWO) present Team Building Night.

In addition to great networking opportunities, awards are given to the best in the construction industry.

- BX Craftsmanship Awards
- BX Project Manager Awards
- BX Architectural & Engineering Awards
- SAWO Subcontractors of the Year
- SAWO General Contractor of the Year
- SAWO Architect/Engineer of the Year
- SAWO Public Official of the Year and more

