



# CONNECTIONS

Western Ohio Chapter • National Electrical Contractors Association



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July, 2021

## Dayton JATC Graduation 2021

### What is Apprenticeship?

An often overlooked career path for high school graduates is an apprenticeship program. Apprenticeship programs consist of a combination of on-the-job training (earning while you learn) and classroom instruction, for which college credit is available.

The U.S. Department of Labor recognizes over 1000 Apprenticeship programs in several industries: advanced manufacturing, hospitality, transportation, aerospace, health care, biotechnical, energy, information technology and of course, the building trades. On average, an apprentice will earn \$150,000 in four years (the length of most apprenticeship programs). A college graduate owes an average of \$35,000 in student loans at the end of four years.

It's plain to see why opting for a career in the building trades is a win-win experience.

Articulation programs between community colleges and the apprenticeship programs and also four-year



Dayton JATC Graduating Class.

university programs, help apprentices transfer credit easily to further their education.

The apprentice learns the skills of the trade through on-the-job training, working

alongside an experienced journeyman who passes on the skills that he or she has learned over the years. In addition to the on-the-job training, the apprentice receives related classroom instruction that produces competency and pride

that leads to becoming a true craftsman.

Another true advantage to apprenticeship is you earn while you learn.

Apprentices start earning a livable wage as soon as they start working. They receive pay advancements throughout their apprenticeship based on performance.

The Dayton JATC Technical Training Center offers apprenticeships in two highly

rewarding fields: Inside Wireman and Teledata Installer Technician.

This year, the Inside Wireman program had 20 graduates. This group successfully completed their five years of school (well over 900 classroom hours) and each had over

8,000 hours of on-the-job training.

Their combined five year average was an impressive 91.5%.

The top graduate this year was Anthony Carpenter. He finished the program with an average of 97.9%, including a 97% average his 5th year.

Due to the fact that the Telecommunications curriculum moved to a four year program from a three year program, there were no Telecommunications graduates this year. For more information visit [www.82jatc.com](http://www.82jatc.com).



Anthony Carpenter

## Heapy Appreciation Night at the Dragons

Finally, sports and entertainment venues are back in business! This year, IBEW/NECA hosted a Heapy Appreciation night at the Dragons. Heapy is a Consulting Engineering firm, based in Dayton, Ohio, with offices in Columbus, Cleveland, and Findlay, Ohio as well as Indianapolis, IN, and Raleigh, NC. Heapy provides energy efficient mechanical, electrical, and plumbing design services for several types of clients including healthcare, higher education, performing arts, government, and large corporations to provide high tech, and energy efficient design services.

Many of our NECA Electrical Contractors have collaborated on numerous jobs with Heapy.



The game the night before was canceled due to rain, so the guests were treated with a double header!

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# Employee Appreciation Chapel Electric & CRT

There are clear links between employee appreciation and its impact on employee engagement and productivity. Therefore, it's important for leaders to be able to bring out the best in their workers and a little appreciation goes a long way.

To show their appreciation for the excellent work performed by the employees in the electrical industry, the Labor Management Cooperation Committee (LMCC) made up of members from the Western Ohio Chapter of the National Electrical Contractors Association (NECA) and the International Brotherhood of Electrical Workers (IBEW) Local 82 are continuing to provide lunches to workers at various jobsites throughout the Dayton area. In addition, individual letters of appreciation are distributed to each worker to thank them for their commitment to quality and safety on the jobsite. It is their fortitude and dedication that makes each project a success.

## Dayton Phoenix Group Chapel Electric Chapel-Romanoff Technologies (CRT)

On the evening of May 27, 2019, a total of 21 tornadoes ripped through the Miami Valley. The 630,000 square-foot headquarters of the Dayton-Phoenix Group was directly hit and almost completely destroyed. Chapel Electric was

and railroad markets. Chapel had to completely rebuild the 15kV distribution system, with over 17,000 feet of medium voltage cable replacement as well as all new substations and secondary equipment. The



Over 50 employees picked up their lunches.



Ongoing work at Phoenix-Dayton Group.

immediately brought in to assist Shook with the complete rebuild of this manufacturing facility. For well over half a century, Dayton-Phoenix Group has supplied quality electrical and locomotive components to the industrial

scope of work also includes new service for the replacement HVAC equipment, all new lighting and general power throughout. In addition, a new 50k square-foot office space was also part of the plant rebuild which included all new lighting, fire



Foreman Chris Toons (left), Membership Development Coordinator Ray Camp, and Executive Director WOCNECA Carter Harrison.

alarm, Voice/Data and Audio/Visual systems installed by CRT.

Over 50 employees from Chapel Electric and CRT were served lunch in appreciation for a job well done!

## Heapy *cont'd.*



July 2021

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

e-mail: info@wocneca.org  
website: www.wocneca.org  
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# Giving Back to the Miami Valley

The Western Ohio Chapter of the National Electrical Contractors Association (NECA) and the International Brotherhood of Electrical Workers Local 82 (IBEW) of Dayton have contributed to the Miami Valley community for decades. The livelihood of these contractors and workers is dependent on the success and health of the local economy and to this end, these organizations have made donations and volunteered thousands of hours to support the needs of others.

- For over a decade, NECA/IBEW has been the primary sponsor of the annual URS Telethon. The telethon generates the most donations of all the events hosted by URS throughout the year.
- In the past, NECA contractors supplied Christmas lights for downtown Dayton, and IBEW installed the lights. Then in 2019,

NECA/IBEW members provided their electrical expertise to refurbishing 12 of the floats used in the annual Dayton Children's Holiday parade and were a major sponsor again in 2020 for the virtual parade.

- After the tornados of 2019, dozens of members contributed thousands of hours volunteering to rebuild local businesses and homes.
- NECA/IBEW is an annual sponsor of the Kettering Health Network (KHN) golf tournament which raises money for the hospital.
- In 2020, NECA/IBEW donated money to both Premier and KHN to help with the COVID crisis.
- The AFL/CIO Food Bank is housed at the IBEW Local 82 Union Hall. They are open on Tuesdays and Thursdays for services to ALL Union members

and community members within the 45414 zip code.

- The NECA/IBEW annual golf outing raises funds for 4 Paws for Ability, an organization that trains service dogs for Veterans and children.
  - In 2017 and 2018, IBEW members volunteered with the AFL/CIO to clean up Lakeside Lake next to the Veterans Hospital and installed a fishing dock for the enjoyment of the patients.
  - Dozens of volunteers work with Habitat for Humanity every year, building homes for those in need.
  - IBEW makes an annual contribution to the Special Olympics every year
  - IBEW (thru voluntary payroll deductions) contribute between \$9k and \$10k to the United Way of Greater Dayton each year
- For the past four years, Local 82 has been a major contributor to the AFL/CIO's Peanut Butter Drive; "A Ton in Ten" to benefit the Dayton Food Bank.
  - Most recently, IBEW/NECA became a sponsor of the DBJ and the Dayton Public Schools partnership. The DBJ is seeking support from the business community to help launch a roundtable series with DPS to connect with the business leaders on a number of topics, including workforce needs and how the schools can work with the business community, as well as a robust package of news coverage around the conversation. DPS is particularly interested in partnering with construction/electric trades to form stronger pathways for their students and to better understand the industry needs.

# The Demand for Smart Cities

The so-called "smart city" has been around for several years, as municipal governments have embraced various forms of digital technology to improve services, increase efficiencies and cut costs. The term "smart city" involves three things: digital connectivity, the collection and use of data to inform and refine the decision-making process, and government involvement in the solutions. Smart cities technology can be applied to municipal buildings, infrastructure and functions, including transportation, street lighting, water, energy, waste management, disaster preparedness and more. Cities have been pursuing smart technology solutions for more than a decade. However, external

forces in the past year, such as the COVID-19 pandemic, the effects of climate change and increasing awareness of social and racial inequities, have cast the need for smart technology into sharp relief. Smart technology is helping them pursue their new goals more effectively. The market research firm projects the global smart city technology market to grow from approximately \$101 billion in annual revenue in 2021 to \$240 billion by 2030.

As cities and municipalities began installing

thousands of cameras to fight crime and violence, it quickly



became evident that watching feeds 24/7 was nearly impossible. Analytics, through video management software helps alleviate those challenges.

Analytics use software to extract specific data from video footage, while machine learning lets cameras understand and make real-

time image and activity assessments. In a typical deployment, an alarm occurs when the analysis detects preset parameters such as traffic violations, suspicious behavior, objects left behind or lines crossed. As employees re-enter workplaces, analytics rise to the challenge as a way to safely and accurately provide occupancy numbers and other data so businesses can adhere to COVID-19 protocols. Cameras also detect when an area is empty, advising management to begin cleaning and disinfecting.

Cameras and analytics can also be used in labor and safety, for helmet detection or to keep track of potentially unsafe working conditions or procedures.



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[www.wocneca.org](http://www.wocneca.org)

**LMCC / NECA / IBEW**  
**18th Annual Golf Outing**



**WHERE: Walnut Grove Country Club  
Dayton, Ohio**

**WHEN: Monday, September 20, 2021**

The 18th Annual LMCC/NECA/IBEW Golf Outing will take place on Monday, September 20 at Walnut Grove Country Club.

The outing sponsors 4 Paws for Ability, an organization that trains service dogs for Veterans and children.

For registration information, please contact Cindy Tucker at [cindy.tucker@att.net](mailto:cindy.tucker@att.net).



**The Western Ohio Chapter -  
National Electrical Contractors Association Directory:**

**NECA Members**

ASIDACO, LLC  
C & J Electric  
Chapel Electric Company  
Chapel-Romanoff Technologies  
ESI Electrical Contractors  
GEM, Inc.  
High Voltage Maintenance  
Kastle Electric Company  
Kastle Technologies  
Maxwell Lightning Protection  
RMF Nooter  
Sidney Electric Company  
Stuebaker Electric  
Utility Instrumentation Services  
York Electric, Inc.

**Associate Contractors**

Capital Electric  
Compass Electrical Solutions  
Cougar Electric, Inc.  
Electricity, LLC  
Glenwood Electric  
Lake Erie Electric  
Mid City Electric

**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

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