

EARN *While you* LEARN

S.T.E.M. SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH

Our Apprenticeship program focuses on the theory based application of electricity and the science behind it. Our students learn how to calculate conductor resistance, electron flow, voltage drop, and other variables that affect electrical installations. All of these factors have a math based component that the student uses to solve complex electrical calculations. Another element of the science of electrical problem solving is the use of technology in the form of high-tech digital meters to test, read and record ampacity, voltage and resistance.

95% of our apprentices that complete the program obtain a Journeyman Electrician License.

FACULTY 15:1
~ Student – Faculty ratio of 15:1
~ Average class size: 15 students
~ 100% of courses taught by faculty members



Electrical, Video and Sound installation performed by graduates of the program working for a member contractor.

In policy and practice, the **Electrical Training Alliance of Jacksonville** does not discriminate and supports and promotes the concept of equal employment opportunity and affirmative action in accordance with all applicable federal, state and municipal laws.



CLASSES ARE STARTING SOON!

DON'T MISS OUT on a great opportunity for a dynamic career in the electrical industry! Contact us **TODAY!**

DO YOU NEED A JOB?

The US Department of Labor anticipates that there will be a shortage of **85,900** electricians over the next 8 years (a 14% increase).

Source: US Dept of Labor

SALARY COMPARISON: COLLEGE VERSES APPRENTICESHIP

Average Starting Salary for ALL College Grads:
\$50,000 - \$52,000 a year

Average Starting Salary for an Apprenticeship Graduate:
Base = \$64,000 a year - \$83,000 a year with all benefits.

PROGRAM FAST FACTS:

- Duration of the Program – 5 Years
- Cost of the Program – Organization sponsored tuition – Student Pays for Books only – Approx. \$780 a year
- Classes 2 nights a week
- On-the-Job training – Full-time job with a member contractor

APPRENTICESHIP STAFF:

Director
Training Coordinator
Front Desk Coordinator
Senior Administrative Assistant
12 – Instructors
4 – Tutors/Substitute Instructors

TRUSTEE COMMITTEE

1 - Chairman
1 - Secretary
6 – Regular members

All trustees are industry executives and manage the apprenticeship program including funding, budgets, curriculum, Florida Dept. of Labor rules and all business operations.

electrical training
IBEW - NECA ALLIANCE

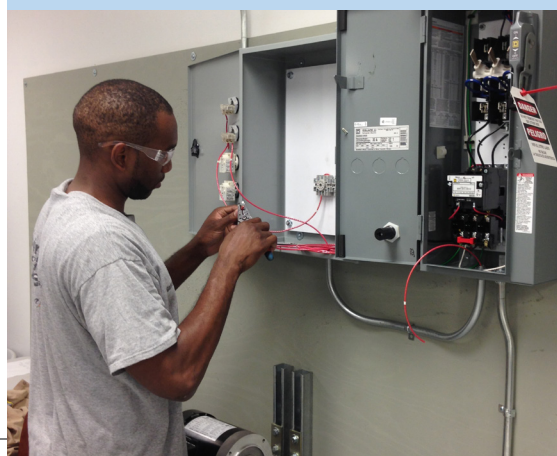
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NECA IBEW POWERING AMERICA NORTH FLORIDA

ACCOMPLISH GREAT THINGS!

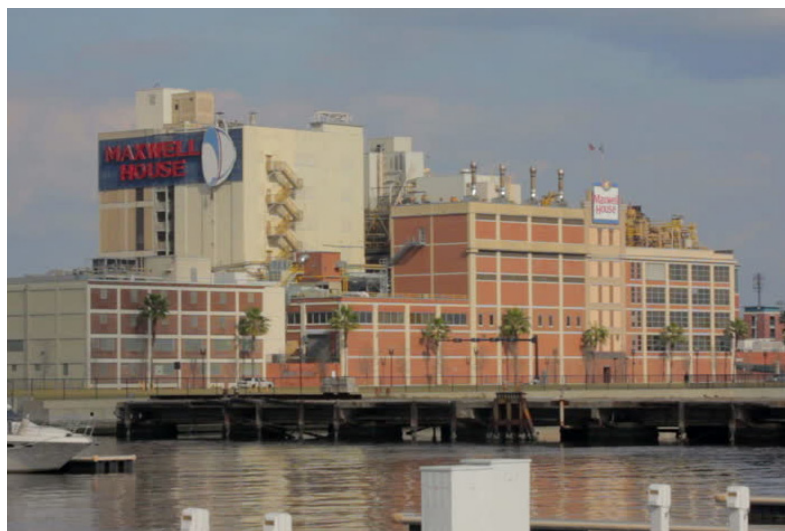
Are you about to graduate high school and have not decided on what you want to do when you get out? One option is to apply to become a student in the Electrical Training Alliance of Jacksonville.

This program offers structured class room and on-line training along with on-the-job training so that you can "Earn While You Learn."



WHAT IS APPRENTICESHIP TRAINING?

This is specialized Training that will prepare you for a career as an electrician. Educational topics offered in our apprenticeship program include Safety, Electrical Codes, Best Practices, Installation Skills, Theory, Tools, Material and Equipment.



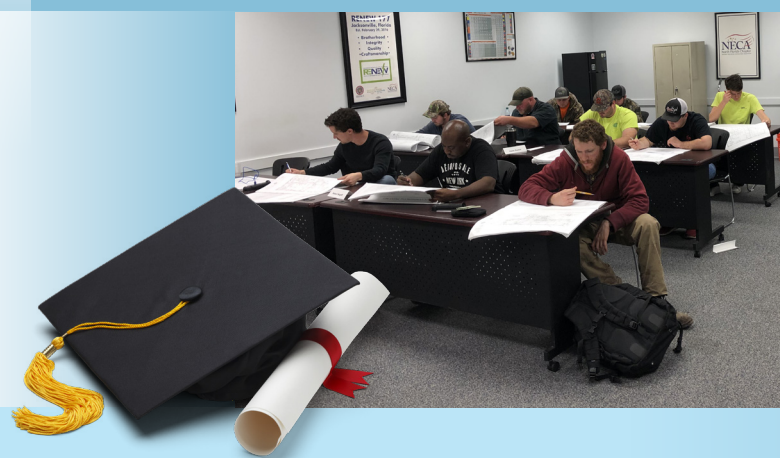
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WHAT DO ELECTRICAL WORKERS DO?

There are many areas where you will find electrical professionals including telephone & computer infrastructure, audio-visual installation, security cameras and access control systems, fire alarm, electrical facility maintenance, electrical construction and service at industrial sites, hospitals, airports, offices, stadiums, data centers, roadways, and any other number of businesses and homes. Basically, electrical professionals install, provide and maintain the backbone of your power and information system's needs.

HANDS ON LEARNING OPPORTUNITIES

You will be given the opportunity to put what you learned in the classroom into action on the jobsite. If you are accepted into the program, you will be placed with a member contractor who will employ you and send you to a job site to learn from veteran electricians.



EARN A COLLEGE DEGREE

At the completion of this 5 year apprenticeship program, you will receive up to 30 credit hours of college credit from Florida State College at Jacksonville (FSCJ), which can be used to earn an AS Degree in Industrial Management. You will also receive 43 college credits from Valdosta State University (VSU) towards a Bachelor's degree. These academic credits are free and can give you a jump start on completing college.

There will be an opportunity to complete the degree in the last year of this program.

PROFESSIONAL ELECTRICAL TRAINING

The Electrical Training Alliance's goal is to provide the Electrical Construction Industry with the highest trained and skilled workforce possible. While direct training occurs through local training programs, the Electrical Training Alliance develops enhanced national education standards to meet the competitive challenges of today's global market economy.

In addition to receiving skill training on the job, each student is provided with trade-related classroom training that produces confidence and pride that leads to true craftsmanship. Classes with hands-on training are conducted to support classroom lectures and discussions.

SAMPLE CORE CURRICULUM:

- ✓ DC Theory
- ✓ AC Theory
- ✓ Blueprints
- ✓ Safety
- ✓ Transformers
- ✓ Grounding & Bonding
- ✓ Motor Controls
- ✓ Audio Visual Systems
- ✓ Voice & Data Systems

CAREER PATHS:

Becoming an Electrical Professional allows you to pursue several career paths:

- Licensed Electrician
- Safety Manager
- Security Technician
- Video System Installer
- A/V Production
- Estimator
- Project Manager
- Business Owner
- Engineer
- Inspector

**THERE ARE
SO MANY
OPTIONS!**

The convergence of information, energy, and facilities is creating a new set of opportunities for our workforce; and the Electrical Training Alliance prepares the next generation of professionals to begin a lifetime of rewarding opportunities. With on the job training and employer sponsored tuition, there is no better way to prepare yourself for a lifetime of success. We look forward to you joining us in powering the possibilities of a more connected future.

— Henry Brown, *CEO Miller Electric Company
President, North Florida Chapter NECA*



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HOW CAN YOU BECOME AN APPRENTICE?



The following requirements are typical for qualifications to be eligible to interview for the Apprenticeship Program.

- A High School Diploma or General Education Diploma (GED) with one credit of Algebra
- 18 years of age or older — Birth Certificate required
- Physically able to perform the work
- Possess a valid driver's license or Florida ID card



TO LEARN MORE ABOUT THE ELECTRICAL TRAINING ALLIANCE OF JACKSONVILLE, CONTACT:

904-737-7533

Danny Van Sickle,
Training Director -
dvansickle@etajax.org

904-737-7533

Stephanie Boatright,
Administrative Assistant -
sboatright@etajax.org