

## POSSIBLE CAREER PATH

The good thing about a career in the electrical field is the diversity of responsibilities. Additionally, talented and hardworking individuals can progress in their careers quickly. Electrician is one of the most entrepreneurial professions in America!





# IEC CHESAPEAKE

## INDEPENDENT ELECTRICAL CONTRACTORS



Enrolling Now for 2015 - 2016

**ELECTRICAL**

**VOICE,  
DATA, VIDEO**

**HVACR**

**ONLINE  
PROGRAMS**

**SPANISH  
ASSISTED**

**HANDS-ON  
LABS**

# APPRENTICESHIP PROGRAMS

# Why should I become an Electrician?

Are you interested in pursuing a career where you can work with your hands, encounter versatile and challenging tasks, and enjoy high compensation and job security?

With a growing shortage of qualified electrical workers, it has never been a better time to join the electrical industry. There are plenty of job opportunities available in this high demand field.

According to the Bureau of Labor Statistics (BLS), electricians will have a 23 percent growth rate between 2010 and 2020, which is higher than the national average!

Electricians are among the highest paid jobs in the construction sector, according to the U.S. News “Best Construction Jobs” Rankings.

## What is Apprenticeship?

As published on the Maryland DLLR Website, “Apprenticeships are jobs. The apprentice works full time and receives training from the sponsoring organization. [...] Apprenticeships are designed to meet the workforce needs of the sponsors. Because of a need for highly skilled workers many sponsors use apprenticeship as a method to train employees in the knowledge necessary to become a skilled worker.”

The IEC Apprenticeship Program is a combination of classroom and on-the-job training over a four-year (three-year for Low-Voltage) period of time. The program is designed to provide the apprentice with the necessary theory and practical training to earn the status of electrician.



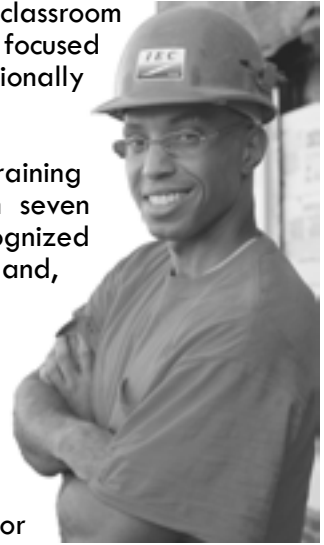
# IEC CHESAPEAKE APPRENTICESHIP

Most states require an approved program of 144 classroom hours per year for four years and on-the-job focused learning (OJL) of 8,000 hours to qualify for a professionally recognized Journeyman license.

**APPROVED PROGRAMS-** We offer approved training in Electrical, VDV / Low Voltage, and HVACR in seven separate training locations. The IEC curriculum is recognized by Apprenticeship and Training programs in Maryland, Virginia, Washington DC, and West Virginia.

**COLLEGE CREDIT-** The IEC program offers articulated undergraduate credits towards degree programs with the completion of a four-year program in several Maryland and Virginia Colleges.

**OJL HOURS-** Students work full-time with a contractor and attend class twice a week. Each month, the students log in to their account on the IEC Chesapeake website to submit their On-the-Job Learning (OJL) hours, which are then approved by the employer and cataloged by us.



Tour an IEC Lab!

[iecchesapeake.com/video](http://iecchesapeake.com/video)

**HIRING ASSISTANCE-** Students may choose to start the program without being employed by a contractor. Most all students choose to continue the program even when laid-off by their current employer. In either case, these students are placed on our list of Employable Apprentices, which is accessible to all IEC Chesapeake Members for their hiring needs. A student may not be unemployed for more than 1 school year to remain in the program.

**HANDS-ON LEARNING-** Our program places a heavy emphasis on hands-on training, utilizing our custom-built labs. Our instructors are trained in using an interactive approach. Students are encouraged to ask questions, allowing instructors to not only train, but to mentor apprentices.

**WELL-ROUNDED EMPLOYEES-** To enrich the learning experience, we invite manufacturers and distributors into the classroom to provide specialized training on products, tools, or technologies. In partnership with local businesses, we also provide students with presentations concerning money management, financial planning, and other important life-skills students might not otherwise receive. All students receive CPR/First Aid and OSHA Safety Training.

# APPRENTICESHIP PROGRAMS

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## 4-Year Electrical Apprenticeship Program -

Traditional Classroom Instruction

Our oldest and most populated program, the IEC Chesapeake 4-Year Electrical Apprenticeship Program is based on the Mike Holt Curriculum. Our program has the distinction of being one of few programs that focuses heavily on solar and other renewable energies in the 4th year.



A 3rd-Party Speaker Visits IEC  
Chesapeake

Most of our students enroll with the ambition of earning their Journeyman or Master Electricians License, and many of our students go on to become Project Managers, Foremen, Estimators, and upper management.

Get an in-depth look at the program by visiting  
<http://www.iecchesapeake.com/apprenticeship>



**Check out one of our Hands-On Labs!**

Visit <http://www.iecchesapeake.com/video>

## 3-Year VDV / Low Voltage Program - Live Online Web-casting

A BICSI-recognized program, our Voice, Data, & Video 3-Year Apprenticeship program prepares students to excel in low-voltage applications. The Live Online Web-casting format was developed to meet the unique needs of Low-Voltage contractors who regularly move their employees, which makes it difficult to participate in a traditional classroom-based program.

Classes are taught by experienced, engaging instructors who encourage students to participate as they would in the classroom.

To ensure students are receiving the necessary hands-on training, we require our apprentices to complete labs and skills training under the supervision of a Journeyman or Foreman on the job site.

Students are eligible to apply to take the BICSI level one exam at the end of their second year, and can apply to take the level two exam at the end of their third year.



## **4-Year HVACR Program - Traditional Classroom Instruction**

The Heating, Ventilation, Air Conditioning, and Refrigeration (HVACR) apprenticeship program is a combination of classroom and on-the-job learning over a four-year period of time. The HVACR program is designed to provide the apprentice with the necessary theory and practical training to earn the status of HVACR Technician.

This is a brand new program launching in 2015. Because Electrical and HVAC are increasingly crossing paths as both industries evolve, it is becoming essential that electricians and technicians have some understanding of where the trades intersect. The HVACR program was developed to provide total training solution to contractors, whether they provide only HVACR services, or if they have both HVACR and Electrical divisions.

## **Self-Paced Online Electrical Program**

Our Online Electrical Program is designed to allow flexibility for students who live too far away to commute, or who are currently assigned to evening or overnight work.

This 4-year, self-paced program uses an integrated training model to train online at your convenience. As a state approved sponsor in DC, MD and VA\*, the Online Electrical Apprenticeship Program through IEC Chesapeake will meet the same Department of Labor requirements as the traditional live classes

To be considered for an Online Program, a student must live more than 45 miles away from the nearest IEC Chesapeake classroom training site or must be maintaining a work schedule that precludes them from classroom training. To be considered for an Online Program, all applicants must include a letter from their employer recommending them for the program.



## **Spanish-Assisted Electrical Program**

¿Hablas español? - Launching in January of 2015, the IEC Chesapeake **Spanish-Assisted Electrical Program** is designed to help non-native English speakers navigate all 4 years of the electrical apprenticeship program. The class is taught primarily in English by a bilingual instructor who provides additional support to students when needed. Our program is the only approved Spanish-Assisted Electrical Apprenticeship Program in the state of Maryland.

# FREQUENTLY ASKED QUESTIONS

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## What makes a student eligible for enrollment?

To be eligible for enrollment, all applicants:

Must be at least 18 years old, or have the permission of a legal guardian

Must have graduated high school, or earned their GED

Must have a valid State Driver's License

Must have internet access, and a valid email address.

Must be able to pass a basic Math and Reading Assessment

Must be able to work independently, and as a member of a team

## Why do you require all Apprentices to have internet access?

In an effort to streamline processes and go greener as an organization, most all IEC Chesapeake correspondence is digital. This includes tuition invoices, school schedules, and other essential communication. You are also required to submit your On the Job Training (OJT) hours online.

It is required that all students have regular access to the internet for these reasons. If you do not have internet access at home, we suggest utilizing local libraries, or discussing the matter with your employer.

## How do I apply to the program?

For a detailed overview of the application process, please visit [www.iecchesapeake.com/howtoapply](http://www.iecchesapeake.com/howtoapply)

## When is the next class start?

Due to such high interest in the apprenticeship program, IEC Chesapeake will be starting a First-Year Electrical class in early **November**, and in **January**. Our **Spanish-Assisted Electrical Program will also begin in January**.

If you are interested in applying to enter either of these classes, you must start the process ASAP.

## Do Apprentices just sit in class all the time?

Absolutely not! The IEC Chesapeake program utilizes hands-on training as much as possible to supplement the classroom curriculum.

The IEC Chesapeake curriculum is a combination of the most innovative and comprehensive training programs in the country. It emphasizes a hands-on learning experience in conjunction with traditional classwork, utilizing purpose-built labs that give your employees a true real-world experience in the classroom.

Our curriculum exposes students to new and changing technologies in renewable energy, and features numerous third-party presentations from manufacturers and other vendors to provide students with a thorough understanding of the products they use in the field.

### **Is the program easy?**

We are up-front here at IEC Chesapeake. When you enter into an Apprenticeship Program, you are looking at 3 to 4 years of working full-time and attending class in the evenings. It is not an easy path by any means, and we wouldn't have it any other way.

We find that our graduates leave the program with more confidence and self-awareness, most having been challenged to maintain a rigorous work and training schedule with the demands of their personal lives.

Graduates leave the program knowing what they're capable of accomplishing. Moreover, as an IEC Chesapeake graduate entering into a booming market, you have proven your dedication to your trade, and shown yourself to be a valuable asset to the industry.

### **How does IEC Chesapeake help unemployed Apprentices find work?**

We do not "place" students with employers.

Once accepted into the program, IEC Chesapeake will provide a list of its Contractor Members who are currently hiring. While we will offer tips to better prepare the apprentice in the interview process, it is the apprentice's responsibility to contact potential employers and set up interviews.

Out-of-Work Apprentices will also be listed on our own internal list, which is accessible to our contractor members. When hiring, it is possible that a contractor will reach out to names on this list to set up interviews.

We ask that when a student finds employment, they notify our office so we can take them off the Out-Of-Work Apprentice list.

For a more complete list of Frequently  
Asked Questions, Visit  
[www.iecchesapeake.com/apprenticeship](http://www.iecchesapeake.com/apprenticeship)



# ABOUT IEC CHESAPEAKE

IEC Chesapeake is one of the three largest of 60 chapters of the Independent Electrical Contractors Association in the United States. Our membership includes over 150 Contractor Members and Industry Partner Members representing over 10,000 men and women in the electrical and HVAC industries. Our infrastructure and partnerships allow us to provide advanced, Hands-On programs and educational resources to members operating in Washington DC, Maryland, Pennsylvania, Virginia, and West Virginia.

Each year, we enroll over 450 apprentices at our 7 training locations, and our online programs include students across the United States and abroad.

We encourage you to take a look through our Organizational Guide to understand just some of the reasons the IEC Chesapeake family continues to grow.

## TRAINING LOCATIONS

IEC Chesapeake has training facilities throughout Maryland, DC, and northern Virginia.

IEC Chesapeake Laurel

In conjunction with Anne Arundel Community College  
8751 Freestate Drive, Laurel, MD 20723

IEC Chesapeake Dulles

In conjunction with the Northern Virginia Community College  
42680 Trade West Drive, Dulles, VA 20166

UDC Community College – Backus Campus  
Washington D.C.

College of Southern Maryland  
Waldorf, MD

Cockeysville Middle School

In conjunction with the Community College of Baltimore County  
Hands-On Portion takes place at CCBC Randallstown  
Cockeysville, MD

Montgomery Community College  
Rockville, MD

Frederick Career & Technical Center  
Frederick, MD

North Carolina Location Anticipated in Fall, 2015





## Apprenticeship Training Application

Please Print or Type

Application Dead Line Dates are July 15<sup>th</sup> for Fall Session and December 1<sup>st</sup> for January Session.

Program applying for: **MUST CHECK ONE OR APPLICATION WILL NOT BE PROCESSED**

- ELECTRICAL (Classroom Based)**       **HVACR (Classroom Based)**  
 **VOICE DATA VIDEO (Webcast)**       **ELECTRICAL (Online - *\*\*restrictions apply*)**  
 **SPANISH-ASSISTED ELECTRICAL**

Name: \_\_\_\_\_ SSN: \_\_\_\_ -- \_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_ DOB: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Last Grade Completed \_\_\_\_\_

**Email (Mandatory):** \_\_\_\_\_

Veteran: Yes \_\_\_ No \_\_\_ Month / Year Entered Military Active Duty / \_\_\_\_\_

Month / Year Separated Military Active Duty \_\_\_\_ / \_\_\_\_ Total Months of Military Active Duty \_\_\_\_\_

Trade School/Other \_\_\_\_\_ 5 or more years trade experience? Yes \_\_\_ No \_\_\_

Are you transferring from another Apprenticeship Program? Yes \_\_\_ No \_\_\_ Which Program? \_\_\_\_\_

**If transferring from another program, transcripts must be attached.**

Where Did You Learn About I.E.C. Apprenticeship Program? \_\_\_\_\_

Electrical / HVAC Contractor Presently Working For: (Leave blank if not currently working for a Contractor)

Company: \_\_\_\_\_ Phone \_\_\_\_\_ Date of Hire: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Supervisor's Name: \_\_\_\_\_ Phone: \_\_\_\_\_

**Work History:** (from most recent or present (Including Military))

Company	From / To 01/01 - 01/01	Type of Work	Phone	Wages

**All applicants must provide the following documents, along with the application and processing fee. Applications received without all required documents and processing fee will not be processed (copies only, no originals please):**

- |   |   |
|---|---|
| <b>Drivers License</b>                        | <b>Birth Certificate</b>                    |
| <b>Social Security Card</b>                   | <b>OSHA10 Card (If previously obtained)</b> |
| <b>High School Diploma or GED Certificate</b> | <b>Two Letters of Personal References</b>   |
- Letter from employer recommending you for online training if opting for online classes.*

**\$100 Processing Fee if OSHA 10 Certification not completed – OSHA10 is required to continue application process (If Postmarked Before Deadline)**  
**\$60 Processing Fee if OSHA 10 Certification is Complete (If Postmarked Before Deadline)**  
 Processing fee postmarked after the deadline is an additional \$35.

All processing fees are non-refundable.  
 MAKE CHECKS/MONEY ORDERS PAYABLE TO IEC CHESAPEAKE A&T

*\*Students employed with a company requiring them to be state registered more than 2 months prior to school start must pay an additional \$35 administration fee which is nonrefundable. Fees are subject to change. Submitting an application does not designate you as a state registered apprentice.*

*\*\*Contact IEC Chesapeake for Information on online Apprenticeship Availability and Acceptance Requirements.*

**Guidelines For Acceptance To Program:**

1. Successful Completion of OSHA 10 Is Required Prior To Interview With Apprenticeship Committee. (Please see above for processing fees. If taking OSHA 10 training with IEC Chesapeake, upon processing of application you will be contacted with instructions on how to complete OSHA 10 training.)
2. Upon Enrollment You Must Be Employed Full Time In The Electrical Or Communication Trade, Under The Direction Of A Licensed Electrician.

**Mail Application To: I.E.C Chesapeake Apprenticeship and Training Inc.**  
**8751 Freestate Drive Suite 250**  
**Laurel, MD 20723**

Should You Have or Need Additional Information, Please Contact Our Office At: (301) 621-9545

I Certify That The Above Statements Are True And Correct To The Best Of My Knowledge And I Understand That Any Misrepresentation On This Application Is Cause For Not Being Accepted Into The Program.

Applicant's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Disclaimer:** The I.E.C. Chesapeake Does Not Discriminate Against Race, Religion, Age, Sex, Gender, National Origin or Veteran Status.