

# 2023-2024

## ARCHITECTURE & CONSTRUCTION

Atlantic Technical College & Technical High School

# ELECTRICITY

### Course Content:

Learn basic electrical principles, residential wiring, commercial wiring, trouble diagnosis and repair procedures, the use of tools for the trade for installations and trouble-shooting, blueprint reading, interpretation of electrical symbols, splicing and connecting wires, installation of conduit, and safe work practices. Program content also includes building and wiring codes, including the National Electrical Code. Emphasis is placed on skill development, and much of the program is project based.

**SPECIAL NOTE:** With additional successful testing, the completion of this program may be used as a substitute for the first year of an Electrical Apprenticeship Program.

### Additional Skills Covered:

- Alternating Current Theory
- Basic Electrical Theory
- Blueprint Reading
- Commercial Circuits
- Conduit Bending
- Direct Current Theory
- Employability Skills
- Entrepreneurship
- General Wiring Skills
- Motor & Electrical Controls
- OSHA 10 Hour Safety
- Residential Circuits
- Safety
- Test Equipment
- Wiring Diagram Reading Skills

### Admission Requirements:

- 16 Years of Age or Older
- Complete a Program Specific Orientation
- Basic Skills Testing or Exemption
- Meet with Program Counselor/Advisor

### Program Length

1200 Hours (approximately 12 months full-time)

### Program Offered

August & January

### Delivery Method

Traditional - 100% classroom based

Hybrid - less than 100% of required instructional hours via distance education

### Days & Times

Monday - Friday | 7:05 a.m. - 1:50 p.m.

Monday - Thursday | 6:00 p.m. - 9:45 p.m.

### Job Outlook



For information regarding Electricity salaries/wages, visit [FloridaJobs.org](https://www.floridajobs.org)



### Atlantic Technical College & Technical High School

4700 Coconut Creek Parkway  
Coconut Creek, FL 33063  
754-321-5100 | Fax: 754-321-5380

### Atlantic Technical College Arthur Ashe, Jr. Campus

1701 NW 23rd Avenue  
Fort Lauderdale, FL 33311  
754-322-2800 | Fax: 754-322-2880

For more information call  
**754-321-5200** or visit  
**[AtlanticTechnicalCollege.edu](https://AtlanticTechnicalCollege.edu)**



Enroll in This Fast Track  
Program for a Career in a Year



*Celebrating 50 Years of Excellence!*



# ELECTRICITY

## I460312 (1200 Hours)

### Tuition

(approximate cost based upon program length)

### Lab

(approximate cost based upon program length)

### Basic Skills Test

### Registration

(non-refundable fee - \$40/semester or \$20/quarter)

### Annual Student Activity Fee

(\$20 per academic year)

### In-State Fees

### Out-Of-State Fees

\$3,360

\$13,440

\$480

\$480

\$15

\$15

\$100

\$100

\$20

\$20

### Tuition, Lab, Assessment, Registration, Activity Fee (approximate costs)

**\$3,975**

**\$14,055**

There may be additional costs associated with books, uniforms, special tools, equipment and other related items.

## Industry Certification & State Credential Exams:

Students will be prepared to take an approved state and/or nationally recognized industry certification or licensure exam in their field of study. Exam costs are additional; however, you may qualify for reimbursement of your exam cost(s) upon passing. See your program counselor/advisor for more information.

## College Credit Transfer Opportunity and/or Advanced Standing:

Upon completion of the program and meeting eligibility requirements, including the attainment of an aligned industry certification, students may be awarded credits toward an Associate Degree by the Florida College System. Students must enroll within two (2) years of completing the program at Atlantic Technical College. Additional college credit may be awarded with the attainment of additional industry certifications.

## Books / Supplies:

For a list of books and prices go to [atlantictechnicalcollege.edu/bookstore-price-list/](http://atlantictechnicalcollege.edu/bookstore-price-list/) or visit the bookstore on campus. Additional supply information can be found in the syllabus located on the Web page for this program.

# GET STARTED TODAY!

## YOUR ACTION STEPS:

**Step 1:** Attend an ATC Program Information Session

**Step 2:** Reply to Follow-up E-mail

**Step 3:** Secure Funding Source

**Step 4:** Registration, Payment, and Enrollment

## POSSIBLE JOB TITLES:

- Helper
- Apprentice



**GET THERE**  
with Atlantic Technical College

The mission of Atlantic Technical College and Technical High School is to promote excellence in academic, career and technical studies in order to prepare students to enter and remain competitive in a global workforce.

Follow us on:

