

2025-2026 ARCHITECTURE & CONSTRUCTION

ELECTRICITY 1

COURSE CONTENT

Learn basic electrical principles, residential 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.

ADDITIONAL SKILLS COVERED:

- Alternating Current Theory
- Basic Electrical Theory
- Blueprint Reading
- 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
- Attend an ATC Program Information Session
- Basic Skills Testing or Exemption
- Meet with Program Counselor/Advisor



PROGRAM LENGTH

750 Hours (approx. 6 months full-time or 12 months part-time)

PROGRAM OFFERED

August & February

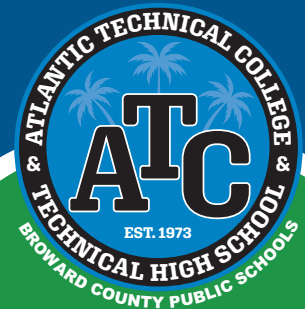
DELIVERY METHOD

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.



Atlantic Technical College & Technical High School

4700 Coconut Creek Parkway
Coconut Creek, FL 33063
754.321.5100 | Fax: 754.321.5380

Arthur Ashe, Jr. Campus

1701 NW 23rd Avenue
Fort Lauderdale, FL 33311
754.322.2800 | Fax: 754.322.2880

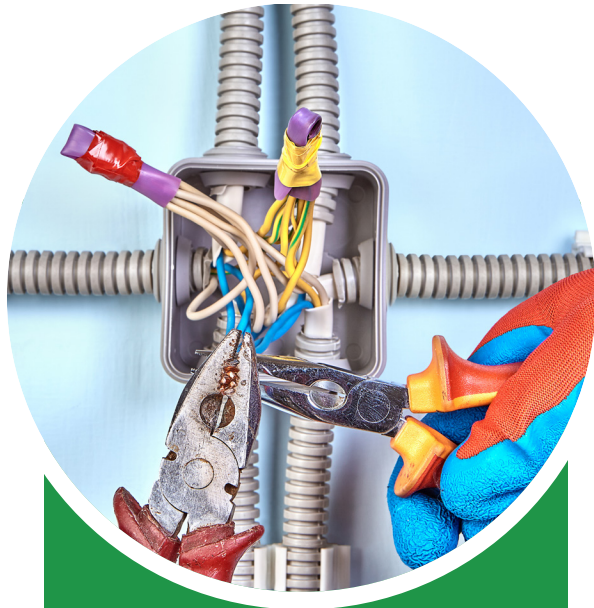
For more information call
754.321.5200 or visit
AtlanticTechnicalCollege.edu



CAREER IN A YEAR

FLORIDA'S PUBLIC TECHNICAL COLLEGE SYSTEM

Enroll in this **Fast Track**
Program for a
Career in a **Year**



2025-2026 ARCHITECTURE & CONSTRUCTION

ELECTRICITY I

GET STARTED TODAY

YOUR ACTION STEPS

- STEP 1** | Attend an ATC Program Information Session
- STEP 2** | Reply to Follow-up Email
- STEP 3** | Secure Funding Source
- STEP 4** | Registration, Payment, and Enrollment

POSSIBLE JOB TITLES

- Helper
- Apprentice

Job Outlook

For information regarding *Electricity* salaries/wages, visit FloridaJobs.org



GET THERE
with Atlantic Technical College

THE MISSION OF ATLANTIC TECHNICAL COLLEGE & 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.

1400500 (750 HOURS)

TUITION

(approx. cost based upon program length)

LAB FEE

(approx. cost based upon program length)

BASIC SKILLS TEST

REGISTRATION FEE

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

ANNUAL STUDENT ACTIVITY FEE

(\$20 per academic year)

IN-STATE FEE

OUT-OF-STATE-FEE

\$2,100

\$8,400

\$563

\$563

\$15

\$15

\$60

\$60

\$20

\$20

TUITION & FEES

are subject to change based on enrollment. There may be additional costs associated with books, uniforms, special tools, equipment, and other related items.

\$2,758

\$9,058

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.

BOOKS/SUPPLIES:

For a list of books and prices go to atlanticttechnicalcollege.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.



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