



George T. Baker Aviation School - Miami-Dade County Public Schools - 3275 N.W. 42 Avenue, Miami, Florida 33142

## HIGH SCHOOL ELECTRONICS TECHNICIAN PROGRAM

The Electronics Technician program prepares students for entry-level positions in electronics and avionics and develops academic, technical, and professional skills required for job acquisition, retention, and advancement.

The curriculum includes a combination of electronics and avionics theory and practical applications necessary for successful employment. Program graduates receive an Electronic Technology program completion certificate.

**Target Group:** 10th, 11th, and 12th Grade Students

**Credits:** Nine Elective Credits (three-year program)

**Certificate:** Program Completion Certificate

### COURSE CURRICULUM

- Soldering & Basic Laboratory Practices
- Employability Skills
- Entrepreneurial
- D.C. Circuits
- Basic Computer
- A.C. Circuits
- Solid State Devices
- Digital Circuits
- Microprocessors
- Analog Circuits
- Radio Repair Stations
- Aircraft Electrical Systems
- Line and Bench Maintenance
- Installing Avionics Systems
- Calibration of Test Equipment
- AM & FM Transmitters
- AM & FM Receivers
- AM & FM Transceivers
- Electromagnetic Wave Emissions
- Line and Bench Maintenance of
- Radio Navigation Systems
- Line and Bench Radar System
- Operation of Area Navigation System

**See your counselor or occupational placement specialist for more details.**

George T. Baker Aviation School is accredited by the Accrediting Commission of the Council on Occupational Education