

COLLEGE TECH PREP

Electronics Technology

The exciting and dynamic field of electronics is full of career opportunities. Students acquire a level of understanding from basic electronics to electrical engineering through skills that help students find employment as electronic equipment installers, field engineers, technicians or instrument calibrators in many different industries. As one of the first programs in Ohio to receive the prestigious ETA-I (Electronics Technicians Association International) certificate of course approval, students are prepared to enter the workforce immediately, get further training in technical schools or the military, or major in electrical engineering in college. College credit is available at The University of Akron, Summit College.

Skills necessary for success

- Ability to work independently and as part of a team
- Ability to follow directions and assume responsibility
- Written and verbal communication skills
- Disciplined self-starter
- Creative problem-solver
- Logical thinker who pays attention to detail
- Aptitude for precision work
- Manual dexterity
- Patience to follow through on tasks

Professional Pathway

- Computer laboratory technician
- Development instrumentation technician
- Electronic communication technician
- Nuclear reactor electronics technician
- Systems testing laboratory technician
- Electronics manufacturing and production technician
- Electronic equipment installer
- Cable television installer
- Computer installer/technician

Program Recommendations

- Excellent attendance record
- Minimum 2.5 GPA

Career interests/helpful background:

- Using specialized tools and equipment
- Hands on applications of scientific principles
- Computer technology
- Electricity and circuitry
- Keyboarding skills

Higher education opportunities

- 4 college credits are available at The University of Akron, Summit College. See page 33.
- Associate's degree
- Bachelor's degree

GRADE LEVEL: 10, 11, 12

LENGTH: Self-directed (one to four semesters)

SCHOOL: Roosevelt

CREDIT:

Levels I and II - Tech Theory 1; Lab 2.

Levels I and II - 1 to 3 credits per year

