

Many companies are seeking trained and certified HTI technicians as modern homes move into networked environments.

Estimated program cost:
\$350 first year

Labor Market Information

Occupational statistics from DuPage and collar counties predict **solid job growth** between now and the year 2016.

Residential Wiring & Home Technology Integration



The Residential Wiring course begins with the fundamentals of electricity, low voltage wiring, high voltage wiring, network wiring, and system planning, as well as rough in, trim out, and retrofitting. The wiring needs in today's homes go beyond the conventional use of electricity and include so much more.

What will my classes be like?

Home Technology Integration is the installation and troubleshooting of several interconnected sub-systems within a house. Sub-systems include audio/visual equipment, computer networking, security and surveillance, HVACR, lighting management, water controls, access controls, and telecommunications.

Second semester topics include digital signal theory, HTI system components, cabling, conduit installation and bending, system troubleshooting, planning, and testing.

Employment Opportunities

- Service Technician
- Electrician
- Cable Installer
- AV Systems Installer
- System Engineer
- Estimator

Potential Employers

- Lombardi Electric