



The Student Electronics Technician (SET) Certification allows high school students and entry-level technicians the opportunity to earn a basic beginners certification and creates an opportunity to continue on a career pathway within the high-demand electronics industry. The SET is now delivered through QuadNet™, NOCTI's online testing system.

Topics Covered in SET

- Electrical Theory
- Electronic Components
- Soldering-Desoldering and Tools
- Block Diagrams, Schematics, Wiring Diagrams
- Cabling
- Power Supplies
- Test Equipment and Measurements
- Safety Precautions
- Mathematics and Formulas
- Electronic Circuits
- Series and Parallel
- Amplifiers
- Interfacing of Electronics Products, Digital Concepts and Circuitry
- Computer Electronics
- Computer Applications
- Audio & Video Systems
- Optical Electronics
- Basic Telecommunications
- Technician Work Procedures
- Troubleshooting and Repair Procedures

NOTE: The collaboration with NOCTI also offers schools the option of adding in an electronics-related performance (hands-on) component.

Certification

Students successfully passing the SET exam will earn the SET certification issued by ETA® International. Certification will be offered for those successfully passing the multiple-choice test as well as those passing the performance component.

