



# Information Technology Certifications



## ETA® International Information Technology Certification Programs:

- Certified Network Computer Technician (NCT)
- Computer Service Technician (CST)
- Certified Network Systems Technician (NST)
- Wireless Network Technician (WNT)

### Network Computer Technician (NCT)

NCT's are expected to obtain knowledge of computer electronics basic concepts, Internet and networking technology applicable to various areas of the computer industry. More specifically, NCT's must be able to function, structure, operate, file, manage, install, configure/upgrade, manage memory, diagnose and troubleshoot operating systems and hardware (including motherboard and processors and printers). Once the NCT has acquired these skills he/she will be able to enter employment in any part of the computer industry. With minimal training in areas unique to the specific products, the NCT should become a profitable and efficient part of the computer industry workforce.

### Network Systems Technician (NST)

A NST is a network professional who is expected to obtain knowledge of computer network basic concepts, which are applicable to the various specialty areas of the computer industry. NST's must acquire one of the following: the CST, NCT, or the A+ as a prerequisite to sitting for the NST examination. The NST must be familiar with the following: computer network terminology, network administration, wide area networks and devices used to extend networks, network architectures, computer network topologies and classifications, network services, network operations, network standards, troubleshooting LAN/WAN test equipment, network server and workstation computer system hardware, network operating systems, and disaster and security planning for networks.

### Computer Service Technician (CST)

The CST can be expected to possess knowledge and skills in the following areas in order to perform the job of servicing the hardware and systems software for personal computers: computer assembly – disassembly, motherboards, buses, system resources, processor characteristics, memory characteristics (physical & electronic), secondary storage devices, peripheral devices, I/O ports, power concepts and power supplies, basic networking concepts, portables, digital concepts, troubleshooting/preventative maintenance, current operating systems, file management, safety procedures/handling, and workplace practices.

### Wireless Network Technician (WNT)

The WNT is a network professional who is expected to obtain knowledge of the operation and maintenance of wireless networking concepts, RF and IR propagation and modulation technologies, which are applicable to all the various specialty areas of the wireless networking industry. Once the WNT has acquired these skills and knowledge, the technician will be able to enter employment on any part of the networking industry. With minimal training in areas unique to the specific products, the WNT should become a productive member of the computer industry workforce.

For a complete list of study materials and competencies visit the ETA® International website: [www.eta-i.org](http://www.eta-i.org)