# Computer Network Tech-A+

## Program Outcomes
- Demonstrate techniques to design a secure network.
- Ability to evaluate resources and make relevant recommendation for purchase or upgrade of a system.
- Recognize the interaction of stand-alone and network devices, operating systems, and applications.
- Identify tools, diagnostic procedure and troubleshooting techniques for networks and personal computer components.

## First Semester - 12 SCH
- ITNW 1325 - Fundamentals of Networking Technologies
- ITSC 1305 - Introduction to PC Operating Systems
- ITSC 1325 - Personal Computer Hardware
- ITSW 1304 - Introduction to Spreadsheets

## Second Semester - 18 SCH
- IMED 1316 - Web Design I
- ITNW 1351 - Fundamentals of Wireless LANs
- ITNW 2305 - Network Administration
- ITSC 1321 - Intermediate PC Operating Systems
- ITSY 1342 - Information Technology Security
- ITSW 2334 - Advanced Spreadsheets

## Third Semester - 12 SCH
- ITNW 1354 - Implementing and Supporting Servers
- ITNW 2313 - Networking Hardware
- ITSC 1364 - Practicum - Computer and Information Sciences, General
- ITSC 2339 - Personal Computer Help Desk Support

## Marketable Skills
- Provide Technical Support
- Monitor Computer System Performance
- Problem Solving
- Gather Technical Information
- Resolve Computer Software Problems

## High School Endorsements
- Business and Industry

## Expected Salary
**Texas wage data:** workers on average earn $70,950; 10% of workers earn $42,080 or less; 10% of workers earn $123,910 or more.

## Additional Education Opportunities
Students may continue their education through an AAS degree.

## Career Opportunities
- Help Desk/Technical Support Specialist
- Information Security Specialist
- Network Technician
- Information Technology Support Specialist
- Computer Support Specialist
- Network Infrastructure Support
- Personal Computer Technician