



# Computer Network Tech-A+

Certificate (42 SCH\*)

\*Semester Credit Hour

5/2024

## 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  
POFT 1313 - Professional Workforce Preparation\*  
ITSC 2339 - Personal Computer Help Desk Support

*\*ITSC 2386 Internship - Computer & Informational Sciences, General may be substituted with approval.*

## Marketable Skills

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

## 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.

## High School Endorsements

Business and Industry

## Additional Education Opportunities

Students may continue their education through an AAS degree.

## 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.

## 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.