

Networking & Cybersecurity

Step Into the Future of Technology and Security



Lake Area Technical College



Step into the frontlines of the digital world with LATC's CIS Networking & Cybersecurity program. From building secure networks to defending against cyberattacks, this program equips you with cutting-edge skills in a hands-on, lab-driven environment. Learn from industry-experienced instructors, work with real-world tools, and graduate ready to tackle the technology challenges of tomorrow; fast, smart, and in-demand.



Networking
(routers, switches, protocols)

Soft Skills & Career Prep

IT Fundamentals & System Administrator

Focus Areas

Cybersecurity
(threats, defense, policies)



- 1 IT Foundations**
Build the basics that power everything else.
- 2 Guided Networking Labs**
Learn by doing with real equipment.
- 3 Cybersecurity Defense Labs**
Protect systems from real-world threats.
- 4 Integrated Network Security Projects**
Connect, secure, and troubleshoot end-to-end.
- 5 Real-World Capstone Experience**
Prove your skills before graduation.

**Defend Systems.
Build Networks.
Launch Your Career.**

SKILLS & CERTIFICATION



Students complete hands-on labs simulating real IT and cybersecurity work, including:

- Windows & Linux system management
- Basic firewall and access control configuration
- Build and troubleshoot wired & wireless networks
- Professional documentation and problem-solving
- Cybersecurity fundamentals for system protection
- Computer hardware installation & troubleshooting

These experiences build confidence and skills.

CAREER PATHWAYS

Graduates of LATC's Networking & Cybersecurity program enter entry-level IT and security roles that build on hands-on skills and certifications, serving as a pathway to long-term tech careers.

1 Build the Foundation @ LATC

Skills:

- Networking fundamentals
- Cybersecurity basics
- Systems & hardware support
- Network troubleshooting

Certifications:

- CompTIA IT Fundamentals (ITF+)
- CompTIA A+
- CompTIA Network+
- CompTIA Security+

2 LATC Graduate

- Degree completed
- Hands-on, lab-based training

Learn More

3 Enter the Field

Common Entry-Level Roles:

- IT Support / Help Desk
- Cybersecurity Support
- Junior Security Analyst
In healthcare, government, etc.



4 Grow your Career

Advanced Career Paths:

- Cybersecurity Analyst
- Penetration Tester
- SOC Analyst

*Designed to launch
long-term tech careers.*

STUDENT TESTIMONIAL

“Coming into the Networking & Cybersecurity program, I had almost no hands-on experience, just an interest in IT. What made the biggest difference was how practical everything was. We weren’t just talking about networks or security concepts; we were actually building, configuring, breaking, and fixing them in labs.

By graduation, I was confident troubleshooting real-world issues and understood how cybersecurity fits into everyday IT environments.



Dylan Ruotalainen
2024 Networking Alumni

The instructors genuinely cared about student success and treated us like future professionals, not just students. This program gave me the skills, and the confidence, to step into my first IT role right after graduation.”

“Graduates move into roles such as IT support, network technician, systems support, and entry-level cybersecurity, working in local businesses, schools, healthcare, IT service providers, or continuing their education.”

Casey Feininger
Department Supervisor

What makes LATC's Networking & Cybersecurity program unique compared to others in the area?

- Lab-based, hands-on learning over lectures
- Real-world network training
- Integrated networking & cybersecurity education
- Small classes with individualized support
- Industry-aligned curriculum



NETWORKING & CYBERSECURITY

AT A GLANCE



\$50,419.20

Average salary after 6 months of employment



5 MONTH ROI

Months to earn the cost of college education



\$22k vs **\$80k+**

2 year degree cost vs 4 year degree cost

Follow Life @ LATC



@Lake Area Tech
Computer Information Systems



@latc_cis



@LakeAreaTech

Start Building Your Future in Networking & Cybersecurity.

Launch a high-demand career protecting networks and data. Tech needs defenders, **are you ready?**

Website: lakeareatech.edu/cis

Email: admissions@lakeareatech.edu

Phone: 605-882-5284

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