



# Computer Networking & Security

NEW STUDENT ORIENTATION 2026 | 2027

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FOR MORE INFORMATION VISIT: [WWW.LANCASTERCTC.EDU](http://WWW.LANCASTERCTC.EDU)



Welcome

Tim Rosenberg

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# What is Computer Networking & Security?

- ▶ Connecting multiple computers or devices to share resources.
- ▶ Uses protocols and technologies to transmit data between devices, ensuring data reaches its intended destination efficiently and securely.
- ▶ Manage and maintain networks including: configuring devices, monitoring performance, troubleshooting, and ensuring network security.

## task grid overview

- ▶ Personal and Environmental Safety
- ▶ Computer Hardware
- ▶ Troubleshooting Repair & Maintenance
- ▶ Operating Systems & Software
- ▶ Network Technologies
- ▶ Network Media & Topologies
- ▶ Network Devices
- ▶ Network Management
- ▶ Network Tools & Troubleshooting
- ▶ Security Fundamentals
- ▶ Communication & Professionalism

# grading

## knowledge

Test, quizzes, and assignments are utilized each marking period to encourage the comprehension of technical and related information.

At the end of each marking period, the scores for students are averaged to calculate the Knowledge Grade.

## skill

A range of tasks to be completed for the program's content area. Skills are evaluated to encourage high standards of workmanship

## work ethic

Work ethic is comprised of competencies that reflect student behavior, employability and reliability.

This is an important grade for a student to be able to succeed after high school.

# Certifications and extra programs



## CareerSafe Online Courses:

- ▶ OSHA 10-hour
- ▶ Cybersafety
- ▶ Employability Skills
  - ▶ Interview Skills
  - ▶ Possibly others

# typical week in class

- ▶ Topic-based lesson
- ▶ Project-based learning
- ▶ Teacher demonstration
- ▶ Independent or group work



# Support Services

## Instructor:

- ▶ **Tim Rosenberg** - [trosenberg@lancasterctc.edu](mailto:trosenberg@lancasterctc.edu)

## IU13 Staff:

- ▶ **Sara Barnick** – [sarah\\_barnick@iu13.org](mailto:sarah_barnick@iu13.org)
- ▶ **Megan Martin** - [megan\\_martin@iu13.org](mailto:megan_martin@iu13.org)
- ▶ **Jami Collier** – [jami\\_collier@iu13.org](mailto:jami_collier@iu13.org)

## LCCTC Counselors:

- ▶ **Dr. Ben Stiles** - [bstiles@lancasterctc.edu](mailto:bstiles@lancasterctc.edu)
- ▶ **Melissa Brown** - starts 24-25 school year

what  
employment  
opportunities  
are there?

- ▶ Computer Network Support Specialist
- ▶ Computer Network Architect
- ▶ Network Administrator
- ▶ Computer Systems Analyst
- ▶ Information Security Analyst
- ▶ Cybersecurity Specialist

# student uniforms

order at [www.lancasterctc.edu](http://www.lancasterctc.edu)

Please allow 6-8 weeks to receive your order. **Students are expected to be in uniform starting on the first day of school**

- t-shirt: \$12-\$16
- long sleeve: \$14-\$20
- polo: \$15-\$19
- sweatshirt: \$17-\$21
- khaki/tan pants purchased privately



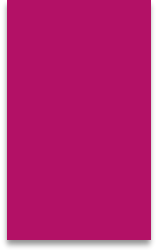
# Laptop



School-provided

Purchase Insurance

**API/Co-op**



# Student Organizations



SkillsUSA



National **Technical Honor** Society

Student Ambassadors



LANCASTER COUNTY  
CAREER & TECHNOLOGY CENTER

aevidum 

I've got **your** back.

# Cellphones

In lockers during class  
Allowed at lunch



# communication



email



phone

questions?