Computer Networking & Security

NEW STUDENT ORIENTATION   2025 | 2026

FOR MORE INFORMATION VISIT: 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
SAFETY EDUCATION FOR AMERICA'S FUTURE

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

IU13 Staff:

▶ Sara Barnick – sarah_barnick@iu13.org

▶ Gina Monteleone – gina_monteleone@iu13.org

▶ Jami Collier – jami_collier@iu13.org

LCCTC Counselors:

▶ Dr. Ben Stiles - 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

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.

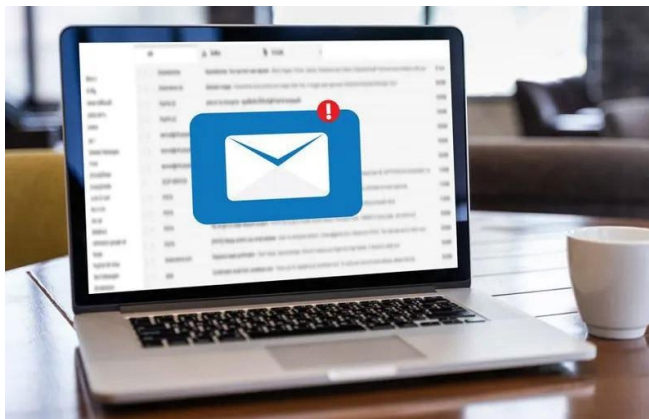# Cellphones

In lockers during class

Allowed at lunch

communication

email

phone

questions?