

COLLEGE LEVEL READINESS AT THE CAREER CENTER!



COMPUTER REPAIR & NETWORKING I & II

COURSES INCLUDE:

**Computer Information Support (PC Repair),
Networking I, Networking II: Servers,
Networking II: Infrastructure, and
Networking II: Cybersecurity**

Computer Information Support: Allows students to explore how computers, networks, and operating systems work. Students learn the functionality of hardware and software components, as well as suggested best practices in maintenance and safety issues of computer hardware and software. Through hands-on activities the students learn how to assemble and configure a computer/laptop, install operating systems and other software, and troubleshoot various computer problems. Dual Credit (College Credit) and Certifications – CompTIA Computer Fundamentals and CompTIA A+ (Repair Technician).

Networking I: This course emphasizes learning fundamentals of designing and setting up computer networks. Students learn how a router addresses remote networks and determines the best path to those networks. Through hands-on activities, students learn how to wire, configure, and troubleshoot routers and switches. Dual Credit (College Credit) and Certifications – CompTIA Net+ and Cisco Certified Entry-Level Network Technician.

Networking II (Servers): Focuses on the software skills needed to manage a network. Students learn and practice the skills necessary to perform in the role of a network administrator. Through hands-on activities, the students will learn how to set up network services, security, and remote servers. Additionally, students will create user scripts, appropriate logins, develop groups, backup and restore the server, and set up and maintain clients. Certifications- CompTIA Server+ and Microsoft Server.



Networking II (Infrastructure): Students continue to learn design and set up computer networks. Through hands-on activities, students learn advanced configurations and how to troubleshoot network issues. Dual Credit (College Credit) and Certification - Cisco Certified Network Administrator.



Networking II (Cybersecurity): Students learn to secure computer network systems. Through hands-on activities, students learn to implement anti-virus software, firewalls (hardware and software), password security, backups and recovery, and access control lists. Students also learn the importance of confidentiality, integrity, and availability. Certification – CompTIA Security+.

CAREER READINESS TRAINING



INDUSTRY CERTIFICATION



DUAL CREDIT

(COLLEGE CREDIT)



PRACTICAL EXPERIENCE OPPORTUNITIES



STATE AND NATIONAL COMPETITIONS

(SCHOLARSHIP OPPORTUNITIES)



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