Cybersecurity and Networking Technology: 11.0901
Mr. Kurt Blanock • 2024 – 2025

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Program Description: Steel Center's Cybersecurity and Networking Technology program emphasizes both theory and hands-on training for our students. This program provides students the opportunity to gain skills and knowledge for employment or attendance at a post-secondary school following completion of our three-year program. Students will learn aspects of Networking and Cybersecurity as well as PC computer technology skills. Course topics include Advanced Troubleshooting, Computer Assembly, Mobile Devices, Cybersecurity, and Operating Systems. Additionally, students will develop communication, critical thinking and problem-solving skills that are in-demand in the information technology industry.

Primary Resources:

Johnson, A., & Cisco Networking Academy. (2023). IT essentials labs and study guide version 8. Cisco Press.

Johnson, A., & Cisco Networking Academy. (2020a). Introduction to networks labs and study guide (CCNAv7). Cisco Press.

Secondary Sources:
Computer-based application and content-related articles/materials selected upon teacher discretion.

Online Curriculum:

Level 1: Cisco Networking Academy IT Essentials

Level 2: Cisco Networking Academy Routing and Switching – Introduction to Networks

Level 3: Cisco Networking Academy 28 courses including Cybersecurity, Linux and a variety of programming languages

Daily-Required Materials/Items:

- All students are to show up on time, ready to learn and work to the best of their ability.
- All students must complete a daily lab manual/study guide that will be graded.

Assessment and Evaluation: All forms of assessments will be graded using Steel Center's grading scale:

90-100:	**A**		**60-69:**	**D**
80-89:	**B**		**<60:**	**E/F**
70-79:	**C**		**Incomplete:**	**I**

Assignments/Timeline:
- Cisco Networking Academy module exams, mid-terms, and end of year comprehensive final.
- Lab manuals are checked weekly for skills grades.
- Student led projects are graded upon completion.

Other grading factors:
- Students are expected to behave in a respectful and responsible manner.
- Attend class regularly.
- Students are not permitted to use their phones or other electronic devices in class.
- Report to class on time.
- Follow all school rules.

Technology Usage:
- Students are expected to respect and maintain all equipment in Cybersecurity and Networking Technology.
- Equipment may not under any circumstance leave Cybersecurity and Networking Technology without permission.

Attendance: Please refer to student handbook and improving attendance priority hand out.

Classroom Rules and expectations:

Be Here:
- Come to class every day.
- Be on time.
- Be focused on the subject.

Be Ready:
- Have all the necessary materials.
- Have assignments completed.
- Work to your full potential.
- Have a good attitude.

Be Respectful:
- Be an active listener (to all staff members and peers).
- Be respectful to others.
- Respect personal and school property.

Be Safe:
- Follow all safety procedures.
- Follow network rules.
- Use all materials for their intended purpose.
- Respect personal space.

Consequences:
1. Warning
2. Point deductions of daily grade
3. Parental consultation
4. Office referral