

Cybersecurity Network Systems DE

This Cybersecurity Network Systems course is an advanced-level course which prepares students for postsecondary education and careers in the rapidly growing field of cybersecurity. Students gain competitive skills required to administer, analyze, and secure applications, networks, and devices. Students perform threat analysis and participate in risk mitigation. Concepts include understanding threats, attacks, and vulnerabilities; exploring technology and tools; examining architecture and design; analyzing identity and access management; demonstrating risk management; and examining cryptography and public key management. Upon successful completion of this course, students may qualify for the CompTIA Security+ certification exam. Individuals with a Security+ credential are well-equipped to further develop their skills toward a CompTIA Cybersecurity Analyst (CSA+) credential.

Credits 1

Grades

12

Course Designation

Dual Enrollment (DE),

Weighted (1.0W)

Schools

Battlefield High School

Prerequisites

[Advanced Cybersecurity Systems Technology](#)

Notes

To enroll in this course, students must meet all eligibility requirements established by NOVA.