

Computer Networking Hardware Operations 3 DE (Semester)

The second of the Cisco Networking Academy CCNAv7 courses, this curriculum is designed for students who are seeking entry-level jobs in the information technology (IT) industry or who hope to fulfill prerequisites to pursue more specialized IT skills. This course covers the architecture, components, and operations of routers and switches in small networks and introduces wireless local area networks (WLAN) and security concepts. Students learn how to configure and troubleshoot routers and switches for advanced functionality using security best practices and resolve common issues with protocols in both IPv4 and IPv6 networks.

Credits 0.5

Length

Semester

Grades

12

Course Designation

Dual Enrollment (DE),

Weighted (1.0W)

Schools

Battlefield High School

Prerequisites

[Computer Networking Hardware Operations 2 DE](#)

Notes

This course is paired with Computer Networking Hardware Operations 4 DE.

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

Semester

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