

Cisco Networking Academy



- ◆ **Location:** Newport High School
- ◆ **2 Year Program Available**
- ◆ **High School Credits:** CTE (3.0)
- ◆ **College Credits:** Earn up to 20 credits
- ◆ **Program fees apply** (financial assistance may be available for qualifying students)

Year 1: Discover how to design, build, manage, and troubleshoot corporate enterprise networks. Learn mitigation of security threats, cybersecurity threat management, and advanced troubleshooting skills with a major emphasis on hands-on learning. Each day half the class time is spent working in a state of the art networking lab. Students take the Cisco Certified Networking Associate (CCNA) exam at the completion of the course. *Prerequisite: Completion of Computer Technology or instructor permission.*

Year 2: This advanced curriculum trains students to install, configure, and operate local and wide area networks using protocols and technologies such as TCP/IP, OSPF, EIGRP, BGP, AAA, IPv6, MPLS, STP, DSL, VTP, Gigabit and 10 Gigabit Ethernet. This course makes extensive use of labs to focus on developing skills to build campus networks using multilayer switching technologies, creating and deploying a global intranet, and troubleshooting. Aspects of Voice-over-IP (VoIP) and Cisco Unified Communication Manager will be covered as well as aspects of VMWare and Microsoft virtualization of servers. Students also gain experience in setting up and configuring Microsoft Server products. Be prepared to take the Cisco Certified Networking Associate (CCNP) exams at the completion of the course. *Prerequisite: Successful completion of Cisco Networking Academy CCNA Course.*

wanic.org



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Occupations and Average Yearly Wages in Washington State*

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|---|---------------------|
| ◆ Computer and Information Systems Managers | \$142,583 |
| ◆ Computer Engineers (Hardware / Software) | \$104,476 / 120,065 |
| ◆ Computer Systems Administrators (Entry level) | \$59,748 |
| ◆ Computer Systems Analysts | \$91,578 |
| ◆ Information Security Analysts | \$97,523 |
| ◆ IT/Cyber Security Engineer | \$115,000 |
| ◆ IT/Information Security Engineer | \$112,000 |
| ◆ Network Security Engineer | \$85,300 |
| ◆ Systems Engineer | \$115,000 |

* Source: Bureau of Labor Statistics 2018

WANIC (Washington Network for Innovative Careers) is a regional skill center in Northeast King County. WANIC provides advanced level Career and Technical Education (CTE) programs based on rigorous academic and industry standards preparing students for career and college readiness. WANIC Skill Center programs are delivered through a system of branch campuses in eight participating districts. The skill center programs provide dual credit opportunities (both high school and college credit) and/or lead to industry certifications.

Washington Network for Innovative Careers

WANIC Skill Center serves high school students from these School Districts:

Bellevue ◆ Everett ◆ Issaquah ◆ Lake Washington
Mercer Island ◆ Northshore ◆ Riverview ◆ Snoqualmie Valley

WANIC Skill Center

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Kirkland, WA 98034

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