



Cybersecurity & Network Foundations Class

1/7/2025—6/5/2025 in-person

Tuesdays & Thursdays, 5:30—8:30PM

No classes 2/18, 2/20, 4/1, and 4/3.

COURSE OFFERED:

Cybersecurity & Network Foundations - 20 weeks

\$950

This in-person and on-line course is designed to prepare students for the CompTIA Security+ and CompTIA Network+ Exams at class completion. In general, this course prepares for a career in the Network Security field. This is an ideal course for IT new hires, career changers, business professionals, college students, and anyone who has an interest in understanding, identifying risks, and protecting the security of computers, servers, and networks of an organization/ company from cyber threats and attacks.

WHAT YOU NEED TO KNOW:

Day & time :	Tuesdays and Thursdays, 5-8:30PM in-person
Start/ End Date :	1/7/25 to 6/5/25 (40 classes)
Where :	Room C6
Cost :	\$950
Prerequisites :	Basic computer skills and literacy, high school diploma or GED recommended, has access to personal computers (PC, Chromebook, or Mac), and internet access. Students will have access to the computer lab in class.
Software requirements :	Software must be installed before class starts: <ul style="list-style-type: none">- PC Windows 10 (or later) or Mac OS 14 (or later)- Latest version of browser: Chrome or Firefox (preferred) , Edge or Safari- Google Docs or LibreOffice- Acrobat Reader or Foxit Reader- LMS Canvas and Zoom- Personal email account and access
What you will get :	Certificate of Completion (contingent on 95% attendance and a grade C or better)
Eligible Exams :	CompTIA Security+ (N10-008) and CompTIA Network+ (SY01-701), additional fees apply.
Registration :	Register and pay online at www.edenropadultprograms.org , click on Programs, Information Technology, Apply Now. To pay with cash/ check, please contact the Adult Ed in room C12.

Course date, time, and fees are subject to change without notice.
HPN Grant for eligible Hayward residents, please call to inquire.

For questions, please contact us at: (510) 293-2910
• adultinfo@edenrop.org • Adult Education Office (Room C12)
• 26316 Hesperian Blvd, Hayward, CA 94545 • www.edenropadultprograms.org
• Parking lot in the back on Kay Avenue.

This course teaches the fundamentals of cybersecurity operations and practices, such as computer communication, terminal commands, basic cryptography and pentesting tools, as well as important skills for modern-day defensive and offensive cyber threat through lectures and in-class demonstrations. Students will primarily learn Windows Linux operating systems (some iOS and Android), cloud computing, digital forensics and other critical topics and programs that offer a certification-as-you-go learning model.

Taking this course will help students to prepare for the Cisco and CompTIA certification exams that are professional industry certifications. This course curriculum: lab work, group exercises, and demonstration, expose students to several in-demand cybersecurity applications and prepare them to enter the field of cybersecurity with AI and IT.

This is an ideal course for IT new hires, career changers, business professionals, college students, and anyone who has an interest in understanding, identifying risks, and protecting the security of computers, servers, and networks of an organization or company from cyber threats and attacks.

Topics include the following and more:

- Cybersecurity essentials
- Computer hardware basics
- Operating systems
- Windows command line foundations
- Encryption and cryptography
- Cloud computing fundamentals
- Cyber threat management
- Penetration Testing - Demonstration

Requirements:

- Computer or laptop: PC Windows 10 or later; macOS 14 or later,
- Internet Browser: Latest Google Chrome, Mozilla Firefox, Microsoft Edge, or Safari,
- Google Docs Online or LibreOffice,
- Adobe Acrobat Reader or Foxit Reader,
- Canvas and Zoom,
- Personal email account and access.

Prerequisites:

- Basic computer literacy,
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