



Upon completion of the Cybersecurity Certificate of Achievement students will be able to use their newly learned skills to gain entry level jobs, use the certificate for professional growth, salary increases, job promotions or career changes in the area of information security/assurance.

DIVISION/DEPARTMENT REQUIREMENTS

Required Courses (14 Units)

Course #	Course Name	Units
CIS 170L	Cybersecurity Fundamentals	3.5
CIS 170P	Introduction to Ethical Hacking	3.5
CIS 170R	Introduction to Ethical Hacking	3.5
CIS 170S	Cisco Network Security	3.5
OR	-	-
CIS 170I	Computer and Digital Forensics	3.5

Select at least 3 units from the following electives (Category A):

Course #	Course Name	Units
CIS 103	Computer Programming Logic	3.5
CIS 164	JavaScript Programming	3.5
CIS 183	Java Programming	3.0
CIS 185	Discrete Structures	3.0
CIS 189C	Special Topics in Programming	3.0

AND

Select at least 3 units from the following electives (Category B):

Course #	Course Name	Units
CIS 170A	Networking Fundamentals	3.5
CIS 170B	Network+ Certification	3.5
CIS 170H	TCP/IP Fundamentals	3.0
CIS 171A	Introduction to Cloud Computing	3.0
CIS 200A	Apple Mac OS Support Essentials	3.5
CIS 212	Introduction to Microsoft Windows Administration	3.5
CIS 213F	Microsoft Windows Server Administration	3.5
CIS 214	Unix and Linux Operating Systems	3.0

Total Required units = 20.0

SUGGESTED STUDY PLAN

FALL SEMESTER

Course #	Course Name	Units
CIS 170L	Cybersecurity Fundamentals	3.5
CIS 170I	Cisco Network Security	3.5
Elective 1	Electives in Category A	3.0 - 3.5

SPRING SEMESTER

Course #	Course Name	Units
CIS 170P	Introduction to Ethical Hacking	3.5
CIS 170R	Computer and Digital Forensics	3.5
Elective 2	Electives in Category B	3.0 - 3.5

**After successfully completing the course in this semester, students will be eligible to receive
Certificate of Achievement in Cybersecurity.*



Interested enrolling in Cerritos College?

Please refer to the step-by-step enrollment process:
www.cerritos.edu/futurestudents

Want To Apply To Get Your Certificate?

1. Make sure you meet the requirements for certificate
 - a. Determine which form to fill out and download the form at: www.cerritos.edu/admissions-and-records
Petition for Certificate: Petition to graduate with a Certificate of Achievement
2. Fill out the appropriate form and meet with a counselor
 - a. Make an appointment by calling (562) 860-2451, ext. 2231 or use Online Counseling at: www.cerritos.edu/counseling/online-orientation.htm.

Stackable Degree Program in IT

IT Support Specialist

Core Requirements		
CIS 58A	CompTIA A+ Software	3.5
CIS 58B	CompTIA A+ Hardware	3.5
CIS 212	Introduction to Microsoft Windows Admin	3.5
CIS 214	Unix and Linux Operating Systems	3
CIS 200A	Apple Mac OS Support Essentials	3.5
TOTAL Units		17

Network/System Admin

Core Requirements		
CIS 170A	Networking Fundamentals	3.5
CIS 170E	Router Configurations and Protocol	3.5
CIS 170F	Advanced Switching and Routing	3.5
CIS 213F	Microsoft Windows Server Administration	3.5
CIS 214	Unix and Linux Operating Systems	3.0
TOTAL Units		17

Cloud Computing

Core Requirements		
CIS 170B	Network+	3.5
CIS 171A	Introduction To Cloud Computing	3.0
CIS 171B	Amazon Web Services-data Storage	3.0
CIS 171C	Amazon Web Services-computing Services	3.0
CIS 171D	Amazon Web Services-security	3.0
Plus 3.5 units or more from ELECTIVES		
TOTAL Units		19

Cybersecurity

Core Requirements		
CIS 170L	Cybersecurity Fundamentals	3.5
CIS 170P	Introduction to Ethical Hacking	3.5
CIS 170R	Computer and Digital Forensics	3.5
CIS 170S	Network Defense	3.5
OR		
CIS 170I	Cisco Network Security	3.5
Plus 6 units or more from ELECTIVES (in different categories)		
TOTAL Units		20



Cybersecurity Certificate Program

For more information on Certificates, please refer to the current General Catalog:
www.cerritos.edu/catalog

11110 Alondra Blvd. Norwalk, CA 90650
562-860-2451 | www.cerritos.edu/SEM