



DIVISION/DEPARTMENT REQUIREMENTS:

| Required Courses | Units |
|---|-------|
| 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 |

| ELECTIVES (SELECT ONE) | Units |
|--------------------------------|-------|
| CIS 164 JAVASCRIPT PROGRAMMING | 3.5 |
| CIS 183 JAVA PROGRAMMING | 3.5 |

TOTAL CERTIFICATE REQUIREMENTS

18.5-19.0

SUGGESTED STUDY PLAN

FALL SEMESTER

| Course # | Course Name | Units |
|----------|---------------------------------|-------|
| CIS 170B | NETWORK+ | 3.5 |
| CIS 171A | INTRODUCTION TO CLOUD COMPUTING | 3.0 |
| CIS 164 | JAVASCRIPT PROGRAMMING | 3.5 |

SPRING SEMESTER

| Course # | Course Name | Units |
|----------|--|-------|
| CIS 171B | AMAZON WEB SERVICES-DATA STORAGE | 3.0 |
| CIS 171C | AMAZON WEB SERVICES-COMPUTING SERVICES | 3.0 |

SUMMER SESSION*

| Course # | Course Name | Units |
|----------|------------------------------|-------|
| CIS 171D | AMAZON WEB SERVICES-SECURITY | 3.0 |

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

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 |



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.

Information Technology Pathway



IT Support Specialist (ITSS)
• COA
• AA



Network/Systems Administration (NSA)
• COA
• AA



Cybersecurity (CS)
• COA
• AS



Cloud Computing (CC)
• COA
• AS (coming soon)

COA=Certificate of Achievement (requiring no more than 20 units)
AA = Associate of Arts (requiring at least 60 units)
AS = Associate of Science (requiring at least 60 units)