CUYAMACA COLLEGE

CYBERSECURITY
& NETWORKING PATHWAYS

Build skills | Earn credentials | Explore careers

PROPOSED CIS-CS PATHWAYS • Five career-focused specializations

PATHWAY 1

Managed Service Provider

CIS 120 (A+) • CIS 121 (Network Cabling)
CIS 125 (Network+) • CIS 263 (Security+)

IT Support / Managed Services

$60K–$90K / year

PATHWAY 2

Cisco CCNA

CIS 201 • CIS 202 • CIS 203

Network Administrator / Engineer

$85K–$125K / year

PATHWAY 3

Cisco CCNP

UNDER DEVELOPMENT

Advanced Cisco networking courses

Senior Network Engineer

$125K–$175K / year

PATHWAY 4

Palo Alto Networks

CIS 270 • CIS 271 • CIS 272

Network Security Engineer

$150K–$200K / year

PATHWAY 5

Cyber Security Specialist

CIS 263 • CIS 209 • CIS 264
Elective: CIS 265 or IoT Security

Cybersecurity Analyst

$100K–$165K / year

A.S. DEGREE | ENTERPRISE SERVICE MANAGEMENT

Core: CIS 101 • CIS 110 • CIS 120 • CIS 121 • CIS 263

Complete TWO full specializations from the pathways above.

Combine IT, networking, and cybersecurity expertise.

YOUR FUTURE STARTS HERE

Hands-on skills • Stackable certificates • Career advancement

Salary ranges are estimates for potential San Diego-area careers, not starting salaries.
Pay varies by role and experience; senior jobs generally require additional experience.
Proposed program changes are subject to curriculum approval.

QUESTIONS? CONNECT WITH US

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Cuyamaca College | Computer & Information Science

SCAN TO LEARN MORE