Network Administration Certificate

This program map represents one possible path for completing this program. **Please see a counselor** to create an educational plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

First Year

Semester 1 — 14 Units

CAT.	COURSE	TITLE	UNIT
Maj	CISN 300	Network Systems Administration	3
Maj	CISN 302 +	Intermediate Network Systems Administration	3
ME	CISS 310 / 315	Major Elective	3
ME		*Major Elective List A	5

See Major Elective List in Semester 3.

+ Prerequisite for CISN 302: CISN 300 with a grade of "C" or better

Semester 2 — 9 Units

CAT.	COURSE	TITLE	UNIT
Maj	CISN 306 +	Advanced Network Systems Administration	3
Maj	CISN 307 +	Windows Active Directory Services	3
Maj	CISN 308 +	Internetworking with TCP/IP	3

+ Prerequisite for CISN 306, 307, 308: CISN 300 with a grade of "C" or better

Second Year

Semester 3 — 7 Units

CAT.	COURSE	TITLE	UNIT
Maj	CISN 340	CISCO Networking Academy (CCNA)tm: Introduction to Networks	3.5
Maj	CISN 341 +	CISCO Networking Academy (CCNA)tm:Switching, Routing, and Wireless Essentials	3.5

+Prerequisite for CISN 341. CISN 340 with a grade of "C" or better.

CISN 340 - 1st 8 weeks

CISN 341 - 2nd 8 weeks

*Major Elective List A (A minimum of 5 units from the following:)

CISC 310 Introduction to Computer Information Science

CISC 320 Operating Systems

Legend

- **(H)** - Honors
- **Elec** - Elective
- **GE** - General Education
- **Maj** - Required Core
- **ME** - Major Elective

Disclaimer

Every effort has been made to ensure that what is listed in the SCC Program Paths are accurate. The courses, the course sequencing, and the programs are subject to change without notice by the administration of the Los Rios Community College District and Sacramento City College at the discretion of the district and Sacramento City College. Further, Sacramento City College reserves the right to amend any course or program.

PLEASE SEE AN SCC COUNSELOR.

Certificate of Achievement Requirements

Certificates of Achievement require a grade of "C" or better in each course with a minimum of 12 units completed at Sacramento City College.

Department Notes

- Students are encouraged to contact the CIS faculty for course sequence adjustments.

- Department contact: Abdelaziz Kaina

KainaA@scc.losrios.edu

Important Links

SCC General Counseling
Computer Science
Business & Industry Meta Majors

CISC 323 Linux Operating System

CISC 360 Information & Communication Technology Essentials (A+)

CISN 303 Network Administration - Linux Server

CISN 304 Networking Technologies

CISN 315 Advanced

CISN 316 Virtualization Concepts & Technologies

CISN 320 Designing Windows Directory Services

CISN 327 Cloud Infrastructure & Services

CISN 328 Cloud Solution Architect

CISN 329 Cloud SysOps & Operations Administration

CISN 342 CISCO Networking Academy (CCNA)tm: Enterprise Networking, Security, & Automation

CISN 374 Messaging Server Administration

CISN 378 Database Administration for Microsoft SQL Server

CISS 300 Introduction to Information Systems Security

CISS 310 Network Security Fundamentals

CISS 315 Ethical Hacking

CISS 321 Scripting for Cyber Security

CISS 330 Implementing Internet Security & Firewalls

CISS 350 Disaster Recovery

Published December 18, 2023