



AAS in Information Technology: Cisco Networking

The Associate in Applied Science degree in Information Technology: Cisco Networking program focuses on the skills needed to prepare for industry-recognized certifications.

You will gain the knowledge and skills necessary to install, configure, maintain, and troubleshoot Cisco routers and components, configure advanced routing protocols, build Local Area Networks (LANs), Wireless LANS (WLANs) and Wide Area Networks (WANs).

Courses in the program focus on the skills needed to prepare for various Cisco certifications including the Cisco Certified Networking Associate (CCNA), CCNA specializations in Voice, Wireless, or Security, and the Cisco Certified Network Professional (CCNP) certifications as well as the CompTIA A+ certification.

University Transfer NORTHERN ARIZONA UNIVERSITY

Students can transfer to a four-year university through a degree partnership with Northern Arizona University. Students can pursue a BS or BAS in Technology Management on the SMCC campus after completing their AAS. For more information, please call the SMCC NAU office at 602.776.4647.

Additional Programs

Students may also concurrently pursue degrees in **Network Security** or **Network Server** while obtaining an AAS in Cisco Networking.

The **AAS in Network Security** includes courses in security concepts, firewalls, intrusion prevention, and advanced operating system security.

The **AAS in Network Server** enables students to specialize in network server operating systems by delving deeper into OS concepts and administration.

Our Partners

Cisco | Networking Academy®
Mind Wide Open™

SMCC is a Cisco authorized Network Academy. We offer a broad variety of courses directly from Cisco designed to help students prepare for work in the IT industry. Students have access to a wealth of resources including online course materials and the latest in networking technology hardware and software.

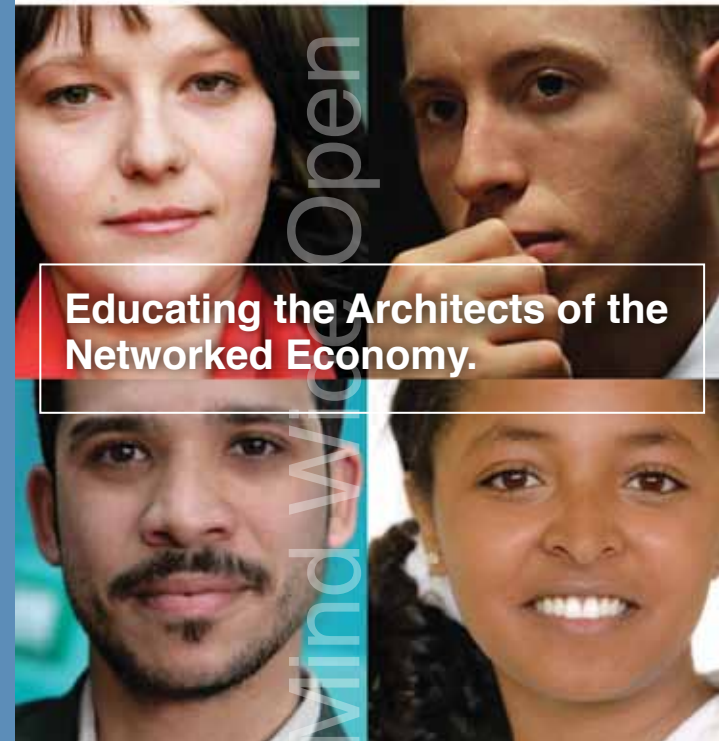
For More Information

Call: 602.243.8012

Email: info@smccmail.maricopa.edu

or visit:

<http://infotech.southmountaincc.edu>



Cisco | Networking Academy®
Mind Wide Open™



**SOUTH MOUNTAIN
COMMUNITY COLLEGE**
Helping you climb higher.



What is Cisco Certification?

Every email, web page, and video you watch likely makes its way through a Cisco networking device as it heads to you.

Cisco networking hardware and software form the backbone of the Internet. Thousands of large and small organizations utilize Cisco solutions including IP phones, video conferencing and network security products to make their operations more effective.

The demand for skilled workers who understand this increasingly complex technology is growing faster than the supply.

What is the CCNA?

The Cisco Certified Network Associate (CCNA) certification is an industry recognition that an individual has demonstrated associate level knowledge of networking concepts and has mastered the basic skills to configure Cisco equipment.

What are the CCNA Specializations?

Once a student has earned the CCNA they can take additional courses to specialize in Security, Voice, and Wireless technologies. Each specialization includes a targeted certification exam, and demonstrates advanced knowledge in that area.

What is the CCNP?


The Cisco Certified Network Professional (CCNP) certification demonstrates an advanced knowledge of Cisco technology and methodology. CCNPs are often hired as senior network engineers and designers to manage enterprise or service provider networks.




Get Ready To Work With Industry Certification Preparation!

CompTIA A+ Hardware Technician
Job Types: Help Desk, Computer Repair Tech.
Requires: 2 classes (6 credits)




Cisco Certified Network Associate (CCNA) 
Job Types: Network Administrator
Junior Engineer
Requires: 4 classes (16 credits)



Optional Courses - Select One 
CCNA Wireless (4 credits)
CCNA Security (4 credits)
CCNA Voice (4 credits)



Cisco Certified Network Professional (CCNP) 
Job Types: Engineer, Senior Designer
Requires: CCNA + 3 classes (12 credits)

All courses completed for the above listed certifications apply to the required courses for the Certificate of Completion and AAS Degree described on the right.



Continue Your Education With An Academic Certificate & Degree!

Certificate of Completion in Information Technology: Cisco Networking

Total Credits: 41
Includes:
CompTIA A+ Hardware Technician + CCNA + CCNP + 9-13 additional credits



Associate of Applied Science in Information Technology: Cisco Networking

Total Credits: 63-68
Includes:
CCL in Information Technology Cisco Networking + 22-27 credits of general education courses

Why an Academic Degree?

SMCC's Cisco courses can lead to an Associate degree in Information Technology. An academic degree will not only afford you a wider range of professional opportunities and knowledge, but also lead to a Bachelor's, Master's, Doctorate, or beyond. See the back panel of this brochure for more details or visit: <http://infotech.southmountaincc.edu>