

COMPUTER NETWORKING SPECIALIZATION CISCO AAS



A Program Overview of the Computer/Digital Technology Area of Study

Updated as of May 2018



The Cisco Networking Academy teaches students both the fundamentals and advanced techniques of Cisco networking. Through Lone Star College's Cisco programs, students also learn collaboration and problem-solving skills through hands-on activities and network simulations. Upon completion of these programs, students have the practical knowledge they need to enter the workforce and be successful in a number of global industries.

Some students are recent high school graduates who want to turn their interest in computers into a career. Others already have careers in information technology but want to earn a Cisco certification or add to their current desktop, application or server skills by learning more about networking. There are also students who are turning unemployment into an opportunity to learn new skills to reenter the workforce. No matter what your background is, the Cisco Networking Academy is a great fit for anyone interested in information technology.

The computer networking specialization – Cisco Associate of Applied Science degree is awarded for successful completion of the 60 semester credit hours required in the degree plan. Certificates are available which provide an opportunity to acquire technical skills in two to three semesters.

FOR MORE INFORMATION:

Please contact the Computer Information Technology Department
LoneStar.edu/Cit-Dept

Programs At-A-Glance

Computer Networking Specialization Cisco AAS

Available at LSC-Creekside Center,
LSC-CyFair, LSC-Kingwood and
LSC-North Harris

LoneStar.edu/Computer-Networking-AAS-Cisco

¹ **Median Wage:** \$82,595

Cisco Network Administrator Level II

Available at LSC-Creekside Center,
LSC-CyFair, LSC-Kingwood and
LSC-North Harris

LoneStar.edu/Network-Engineer-Certificate-CCNP

Cisco Network Analyst Certificate Level I

Available at LSC-Creekside Center,
LSC-CyFair, LSC-Kingwood and
LSC-North Harris

LoneStar.edu/Network-Administrator-Certificate

¹ **Wage Data** is based on annual salaries from Bureau of Labor Statistics, U.S. Department of Labor, Occupational Employment Statistics, 2016, www.bls.gov/oes.

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COMPUTER NETWORKING SPECIALIZATION CISCO AAS



Certificate I
18 Credits

Certificate II
36 Credits

AAS Degree
60 Credits

**Corporate
College**

Introduction to
Computers

Introduction to
Networks

Routing and Switching
Essentials

IT Essentials

Scaling Networks

Connecting Networks

Business English

General Education Elective
OR
Learning Framework: 1st
Year Experience
OR
(Recommend)
Public Speaking
OR
Intro to Criminal Justice
OR
General Psychology

CCNP Route/Technical
Elective

CCNP Switch/Technical
Elective

Business Speech

CCNP TSHOOT/Technical
Elective

Project Management Software

Federal Government, United
States History to 1877
OR
United States History Since 1877
OR
General Psychology
OR
Principles of Sociology

Art Appreciation
OR

Introduction to the Humanities I:
Prehistory to Gothic

Math/Natural Science

Technical Electives

Composition and Rhetoric

Capstone

Professional
Development
opportunities
are available
for additional
training and
licensure

Representative career titles and job positions for this program plan include:

- **Computer Network Technician**
- **Network Analyst**
- **Network Administrator (CCNA R&S)²**

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²Position titles vary by employer and location.

**Complete your Computer
Networking Specialization
Cisco AAS in 2 years!**

For more information on gainful employment,
visit LoneStar.edu/GainfulEmployment.

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