

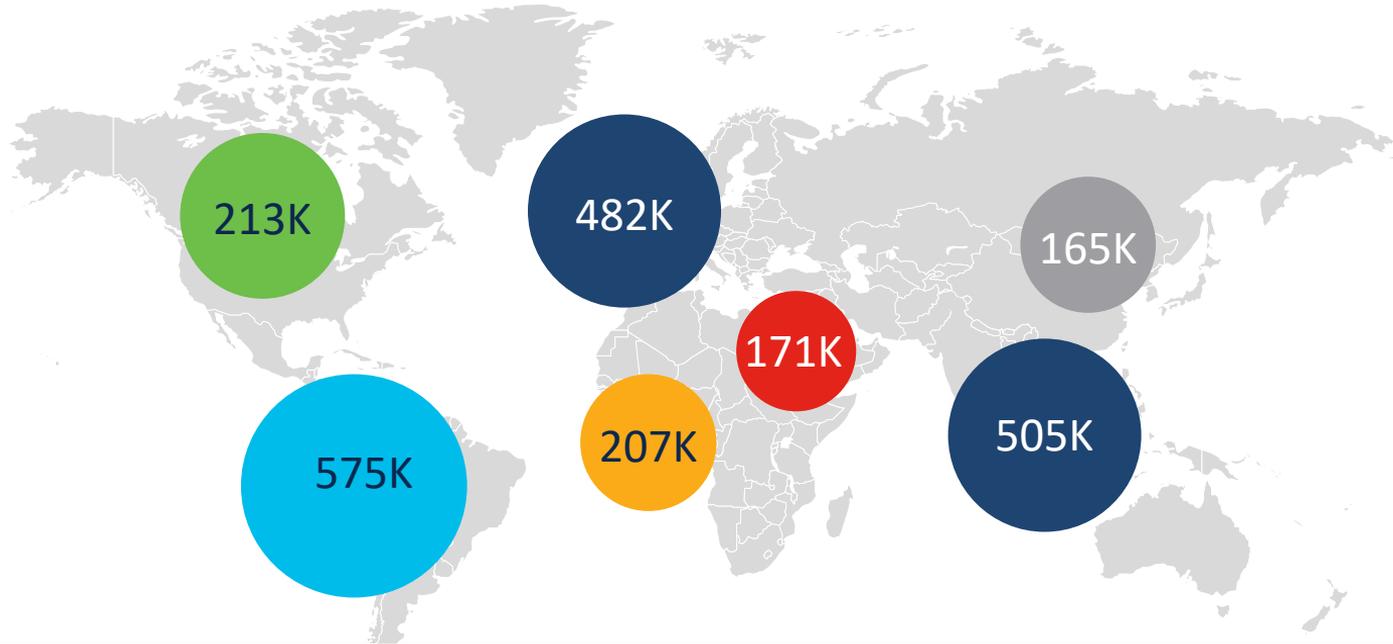
Executive Overview

The bridge to career possibilities for people everywhere

Sara Shreve, CSR Manager



Cisco Networking Academy around the world



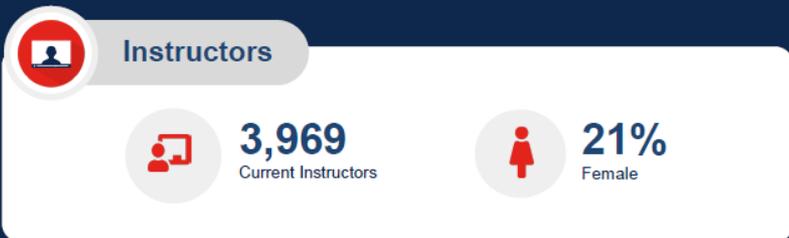
- ✓ 11,800 Academies
- ✓ 180 Countries
- ✓ 12.7M Students served
- ✓ 28,400 Instructors

2.3M currently enrolled globally

Preparing people for IT careers since 1997

Building Tomorrow's Workforce

A spotlight on Networking Academy's global impact



"Popular and relevant subjects like Cybersecurity, Programming, and IoT are helping attract students to IT. Courses like these make a significant contribution to student success in their continuing education and in careers."

Dr. Gina Bullock, Networking Academy instructor/curriculum director

"The courses are challenging, and they push you to collaborate to do things you never thought you could do. This opens up new opportunities that are invaluable to your future. You don't need to start out as a techie to leverage technology in your future career."

Molly Falls, Networking Academy student



Students



1,152

Current Students



13%

Female



10%

Certification ready



14,696

Students since program inception



Instructors



20

Current Instructors



0%

Female



Education Partners



14

Learning organizations offering Cisco courses



In-kind contribution* to education

\$6,909,164 USD

Since program inception

* IKC = product donations and pro bono services assessed at IRS open market value



Jobs



92%

of U.S. students who complete our career courses leading to certification obtained a job or higher education level



STATE



Oregon



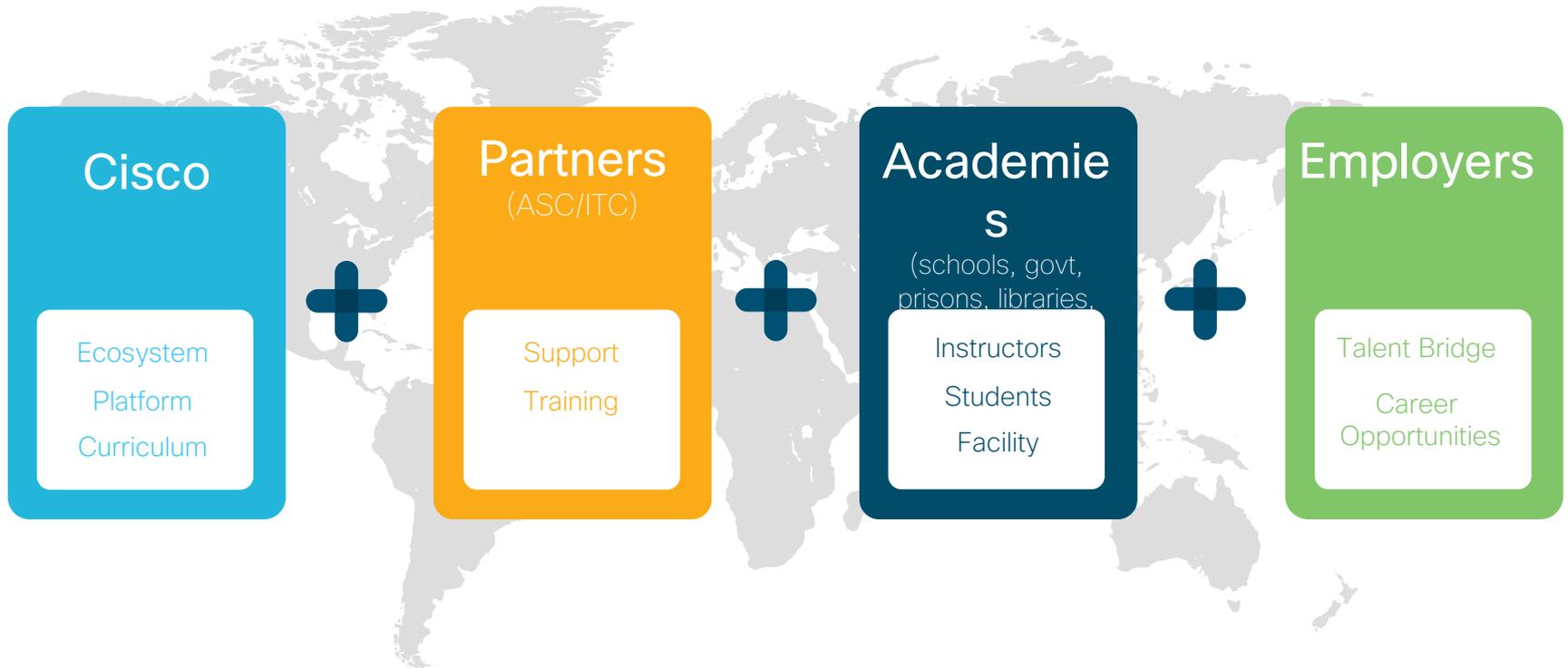
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Cisco Networking Academy Partnership



What NetAcad Offers...

Supportive Ecosystem

- Free curriculum, services & platform
- Over 670 support & training partners
- Certification & equipment discounts
- Connect to jobs programs
- Global communities



Global Delivery Platform

- Scalable, Cloud-based
- Available in multiple languages
- Customer Assessment Engine
- Full-featured LMS
- Provides access to all curriculum & instructor resources



Skills to Jobs

- Focus on skill development, assessment & practice
- Curriculum for breadth & depth: T-Shaped professionals
- Outcome based pedagogy aligned to industry certification
- Hands-on activities & Simulation tools
- Courses in 20+ languages



Successful US Corrections Models

Program Success: USA Colorado

State Department of Corrections (CDOC)

- CDOC was first U.S. prison to offer Networking Academy courses
- Pilot program: 12 **women inmates**
- 11 completed the IT Essentials course and earned certifications
- CDOC received a grant from the Department of Justice to fund 21 new classrooms in 7 more prisons
- College credit provided to inmates
- Now a model for other correctional facilities
- 120 students receiving certification annually



“We fervently believed that we could change the lives of women in the prison system by encouraging them to learn in-demand skills in networking and IT.”

-Carl Wotowis, Assistant Director, CDOC Offenders Program

Program Success: USA Massachusetts

State Department of Corrections (DOC)

- IT Essentials course for pre-release inmates taught by internal faculty (for A+ certification)
- CCNA 1 & 2 computer networking courses (for CCENT cert)
- 3 instructors and 1 outreach coordinator for job placement
- Won a Department of Justice 2nd Chance Grant (similar to Colorado DOC)
- Partnered with Bunker Hill Community College to earn college credit for inmates



“Students in prison can be especially intimidated by these courses. They don’t think they’re smart enough to learn the material. When they master a concept, it’s like a light bulb goes off. It shows them they can learn anything.”

-Tom Romaniecki, instructor

Program Success: USA Minnesota

State Correctional Facility and Minnesota Computers for Schools

- Community-based organization (CBO) called Minnesota Computers for Schools wanted to bring training inside the state correctional facility at Stillwater
- Selected the IT Essentials course due to its preparation for the A+ certification and an entry-level job after release
- No internet connectivity allowed to teach the course
- Stillwater staff member was trained to teach the course



“Learners take the ITE course in the classroom with the aid of textbooks, videos and the prison intranet. Quizzes are given and graded offline, and used by learners as study material for the final exam.”

-Instructor

Program Success: USA New Jersey

Ft. Dix Federal Prison and Camden Dream Center



- Community-based organization (CBO) called the Camden Dream Center is building an end-to-end solution for prisoner re-entry
- Focus on real world learning environment to help build 'returning citizens'
- Inmates are taken by bus to Camden Dream Center classroom (inmates access internet)
- Courses: "Get Connected" (basic digital skills) and "Intro to IoT" (career exploration)
- Inmates receive college credit from local community colleges
- Later, they can continue taking courses in classrooms at halfway houses
- Career mentoring and job search in partnership with the NJ Department of Labor

"If it can happen in Camden, it can happen anywhere."

-Pastor Keith Davis, President and CEO of Camden Dream Center

Networking Academy Curriculum Portfolio

01.31.2021

Explore

Introduction to exciting opportunities in technology.

- ▲ Get Connected
- ▲ Introduction to Packet Tracer
- ▲ NDG Linux Unhatched
- ▲ Introduction to Cybersecurity
- ▲ Cybersecurity Essentials
- ▲ Introduction to IoT
- ▲ Entrepreneurship

Career

Preparation for entry level positions.



Digital Essentials

- ★ ● ■ IT Essentials
- ▲ NDG Linux Essentials
- ▲ Networking Essentials

- ▲ PCAP: Programming Essentials in Python
- ▲ Hackathon Playbook (Design Thinking)



Networking

CCNA:

- ★ ● ■ Introduction to Networks (ITN)
- ★ ● ■ Switching, Routing, & Wireless Essentials (SRWE)
- ★ ● ■ Enterprise Networking, Security & Automation (ENSA)

CCNP Enterprise:

- ★ ● ■ Core Networking (ENCOR)
- ★ ● ■ Advanced Routing (ENARSI)



Programmable Infrastructure

Infrastructure Automation:

- ★ ● ■ DevNet Associate
- Workshop: Experimenting with REST APIs
- Workshop: Model-Driven Programmability

Internet of Things:

- ★ IoT Fundamentals: Connecting Things
- ★ IoT Fundamentals: Big Data & Analytics



Cybersecurity

- ★ ● ■ CyberOps Associate
- ★ ■ CCNA Security
- IoT Security

Practice

Increase mastery with hands-on tools & experiences

Packet Tracer

Gaming

Prototyping Lab

Virtual Labs

Assessments

Physical Equipment

Complementary Offerings

Additional offerings available from Partners.



- ▲ NDG Linux I
- ▲ NDG Linux II
- NDG NETLAB+
- NDG CyberOps Lab



- CLA: Programming Essentials in C
- CLP: Advanced Programming in C
- CPA: Programming Essentials in C++
- CPP: Advanced Programming in C++

○ Aligns to Certification

□ Instructor Training Required

△ Self-paced

☆ ASC Alignment Required

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Networking Professional

As major industries migrate their infrastructure to take full advantage of IoT, the role and skills required of a networking professional are evolving and more vital than ever because the network connects everything.

Sample Titles: [Networking Technician](#), [Network Analyst](#), [Network Administrator](#), [Network Engineer](#)

Typical Workplace

- Office
- Customer site
- Home

Company Size and Type

- Medium to large enterprises
- Network service providers
- Tech support centers

Personality Type

- Problem-solver
- Always learning
- Like working with others

Strengths

- Strong balance of technical, teamwork and communication skills

Education Level

- 2-year college to 4-year college

Certifications

- CCNA, CCNP Enterprise



Learn more at:

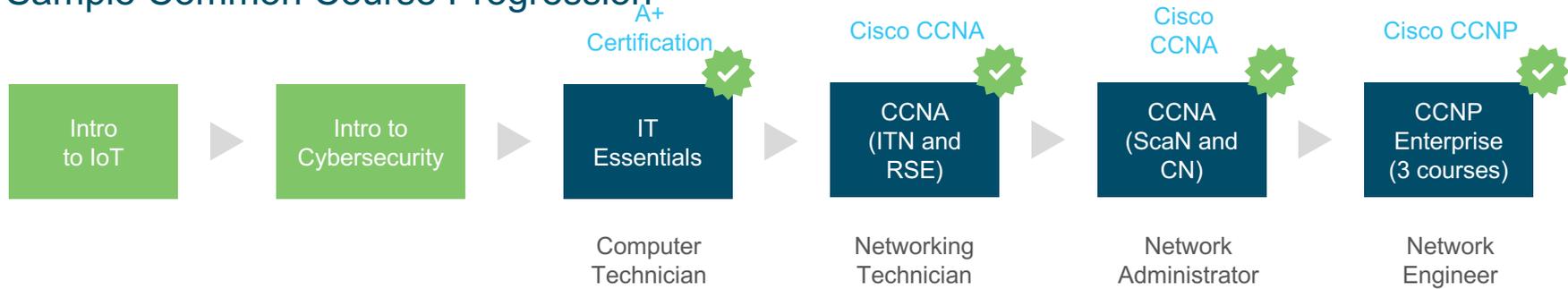
[NetAcad.com](https://www.netacad.com)

[NetAcad Group LinkedIn](#)

[Career Resource Webinars](#)

Networking Professional

Sample Common Course Progression



Complementary Learning Activities

Expand Your Knowledge

- Networking Essentials (possible alternate to IT Essentials)
- Cybersecurity Essentials
- NDG Linux Essentials
- PCAP: Programming Essentials in Python 
- Career and Networking Technology Webinars

- Network Programmability Workshop
- IoT Fundamentals
 - Connecting Things
 - IoT Security
 - Big Data and Analytics
 - Hackathon Playbook

Collaborate for Impact

- Cisco Prototyping Lab
- Packet Tracer Games
- [Internships](#)
- [Career Resource Webinars](#)
- [Hackathons](#)



Certification

Cisco Certifications

Just a few examples of average salaries with certs

Certification	Salary (Average)
CCNA	\$78,000
CCNA Security*	\$101,411
CCNP	\$108,646
CCDA	\$120,139
CCIE	\$122,000

Note: CCNA Security Certification was retired Feb 2020.



Talent Bridge

Connecting talent to opportunity





Connecting Talent to Opportunity

Talent Bridge is our employment program for Cisco Networking Academy

Talent Bridge connects Cisco and partner employers with world-class Networking Academy talent for the digital economy workforce of the future. The program offers valuable free resources for both employers and students—helping employers find technology-savvy talent and supporting students as they emerge from academic learning to begin their careers.



For more information contact talentbridge@cisco.com

netacad.com/careers/tb



Networking
Academy

Next Steps

- Apply to Become an Academy:
<https://www.netacad.com/become-an-academy>
- For more information:
<https://www.netacad.com/educators>
- Feel free to reach out to your CSR Manager for any additional questions:
 - Sara Shreve, sashreve@cisco.com



[Program Overview](#) [Information Package](#) [Case Study](#) [Learn More](#)

Become part of Networking Academy to make every class a success story.

A GLOBAL COMMUNITY of like-minded educators



180 countries

Access a community of educators, employers, support and training partners, and governments that contribute to our curriculum, share ideas and best practices, and connect students to opportunities.

CURRICULUM built for the classroom, powered by the cloud



Curriculum is licensed free to educators

Comprehensive and flexible curriculum based on the latest advances in the industry, along with resources to help teach, and available at no cost to most institutions. All delivered over our education platform, NetAcad.com.

Backed by training, support and PROFESSIONAL DEVELOPMENT



say Networking Academy helped them become a better educator

Instructors get professional experience, professional development, and, professional recognition. In a recent survey, 97.2% of educators reported their involvement with Networking Academy improved their teaching and professional growth and 85.2% said the program helped broaden their career.

Aligned to industry recognized CERTIFICATIONS



of students obtained a job or educational opportunity

Certification validates skills and knowledge which is why many of our courses align to industry recognized certifications and can be included into degree or vocational programs.



Sara Shreve
Cisco Systems, Inc.
Corporate Social Responsibility Manager
Milwaukie, Oregon

My name is Sara Shreve, and I am a Corporate Social Responsibility Manager for the Cisco Networking Academy program. I am a resident of Oregon and support Cisco's Networking Academy program in 13 states on the West Coast.

I am here today to speak in support of Senate Bill 235 – to provide online access to adults in custody or AIC for educational programs in a secure online environment. I wanted to provide the committee with a perspective of the work in other states and the positive outcomes borne out of a focus towards online learning for AIC.

The Cisco Networking Academy Program is the largest and longest running private-public partnership Corporate Social Responsibility program at Cisco. The Cisco Networking Academy program has more than 2.3 million active global students annually in 180 countries.

In the U.S., the program currently has 213,000 active students and 1,950 educational partners. Specifically, in the state of Oregon, we have served almost 15,000 students since the program's inception and have approximately 1,200 current students within the state.

Cisco Networking Academy program has partnered with the Colorado Department of Corrections since 2012, at the Denver Women's Correctional Facility. The Colorado DOC was the first U.S. Prison to offer Networking Academy courses.

Their initial pilot was for 12 female AIC in an offline format. Since then, the program has expanded to teaching approximately 120 AIC annually, while also providing them the ability to receive college credit and to sit for their industry certification.

The Colorado DOC has recently moved to Whitelisting the Networking Academy website to provide their AIC online access. Whitelisting is the ability to provide AIC online access in a secured environment that is controlled by the DOC.

I would like to share a quote from the Assistant Director of the Colorado DOC, he said, "We strongly believed that we could change the lives of women in the prison system by encouraging them to learn in-demand skills in networking and IT."

The Cisco Networking Academy program provides means to a better financial wellbeing for AIC after release which helps reduce recidivism and provide job opportunities.

Thank you very much for your time.

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