



Cisco Networking Academy: California Profile

Cisco® Networking Academy® is playing a critical role in the U.S. economic recovery by preparing students for the sustainable jobs that government, education and industry all agree will fuel America's ability to innovate and compete, not just today but in the future. As the focus turns to infrastructure, Networking Academy provides students with critical IT and networking skills to design, build, and maintain the infrastructure highway that both the public and private sector now depend on for sustainability.

The new Obama administration clearly recognizes the importance that technology plays in preparing students to compete in a 21st century global economy. In a speech on January 8, 2009, at Virginia's George Mason University, President Obama highlighted the current science and technology skills gap in the United States and the urgent need to address it:

“To give our children the chance to live out their dreams in a world that’s never been more competitive, we will equip tens of thousands of schools, community colleges, and public universities with 21st century classrooms, labs, and libraries. We’ll provide new computers, new technology, and new training for teachers, so that students in Chicago and Boston can compete with kids in Beijing for the high-tech, high-wage jobs of the future.”

Cisco Networking Academy is a proven model for delivering 21st century learning because it delivers:

- rigorous and interactive curricula licensed at no cost to nonprofit educational institutions
- an e-learning platform that supports different learning styles
- web-based content available to students 24/7
- online assessments
- student performance tracking
- hands-on labs
- instructor training and support

Networking Academy is a unique public-private partnership between educational institutions, national, state and local government, and community-based organizations, currently educating more than 128,000 students in over 2,200 U.S. educational institutions.

As an education solution, Networking Academy encourages seamless educational pathways between secondary and post-secondary institutions by using curricula aligned to national and state education standards for math, language arts, and technology and industry certifications. These courses also help students prepare to pursue degrees related to science, technology, engineering, and math (STEM). Networking Academy courses provide instructors with tools to help students make the connection between their educational experience and their careers. In the United States, academies are located in high schools, technical schools, colleges, universities, and community-based organizations.

Cisco Networking Academy provides:

- IT and networking skills mapped to high-skill, high-demand, high-wage 21st century jobs across virtually every industry
- sustainable partnerships at all levels of education, including community colleges at the forefront of workforce development and retraining

- strong alignment with high school career and technical education programs that build technical skills and create pathways for high school graduates going either directly into the workforce or on to post-secondary education
- the skilled pipeline of talent required to design, build and maintain the infrastructure needed for economic recovery

Included in each state profile are Networking Academy statistics, IT workforce projections, and student/graduate stories. These state-by-state profiles will provide you with important information about the value Cisco brings to government, education and business through delivery of IT/networking skills and knowledge. Cisco Networking Academy educates the architects of today's networked economy.

Profiles are updated annually with core content, and we will continue to add student/graduate profiles. For your convenience, the library of profiles for each state, plus the District of Columbia and the United States as a whole, are accessible at <http://www.cisco.com/go/netacadresourcecenter>.

We welcome your suggestions for future profiles. Please send any questions and feedback to our U.S. Marketing Team via Nancy Bischoff at nbischof@cisco.com.

Learn More

Table 1 lists data about academies in California. Table 2 lists information about Networking Academy curricula in California, and Table 3 shows information by student education level.

For additional information about Cisco Networking Academy, visit <http://www.cisco.com/go/netacad>

Table 1. Cisco Networking Academy in California

Networking Academy students	13,426
Female Networking Academy students	15% female
Distinct cumulative academy students (having successfully completed a course)	72,735
Academies	171
Academy instructors	300
Total estimated cumulative contribution value to California academies*	\$36,608,777

Sources: AME/MRE FULL Package_10 31 08 Quarterly Metrics Date: Nov 13, 2008

Cumulative students are distinct; therefore, each student is only counted once.

*This estimate includes donations and discounts made to educational institutions implementing Cisco Networking Academy within California.

*Sources: AME/MRE report #3616student and instructor enrollment by year 2008.11.24_JBZ_v8.xls

Table 2. Networking Academy Curricula in California

Curriculum	All	ITE	CCNA 1, 2	CCNA 3, 4	Advanced Technologies and Other*
Number of academies by curriculum	171	36%	81%	49%	19%

The above curricula represent the core Networking Academy curricula.

*Includes CCNP, Security, Wireless, Java, UNIX and Panduit Network Infrastructure Essentials (PNIE)

Academies often teach multiple curricula and may be counted more than once in this table.

Source: AME/MRE rpt #3651 as of 10.31.08 v2 Date: Dec 8, 2008

Table 3. California Academies and Students by Education Level

Education Level	Total Number	Secondary Schools	Community Colleges	Universities	Other
California Students*	13,426	33%	57%	5%	5%
California Academies*	171	52%	39%	5%	4%

Sources: AME/MRE FULL Package_10 31 08 Quarterly Metrics Date: Nov 13, 2008

*For academies that self identify as more than one education level, the academies and students in this table are distributed proportionately across the education levels.

Academies represented in "Other" category include the following: community-based organizations, middle schools, the military, nontraditional educational settings, and post-graduate institutions.



Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 527-0883

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
168 Robinson Road
#28-01 Capital Tower
Singapore 068912
www.cisco.com
Tel: +65 6317 7777
Fax: +65 6317 7799

Europe Headquarters
Cisco Systems International BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: +31 0 800 020 0791
Fax: +31 0 20 357 1100

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

CCVP, the Cisco logo, and Welcome to the Human Network are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn is a service mark of Cisco Systems, Inc.; and Access Registrar, Aironet, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, Follow Me Browsing, FormShare, GigaDrive, HomeLink, Internet Quotient, IOS, iPhone, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, iQuick Study, LightStream, Linksys, MeetingPlace, MGX, Networkers, Networking Academy, Network Registrar, PIX, ProConnect, ScriptShare, SMARTnet, StackWise, The Fastest Way to Increase Your Internet Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries. Mind Wide Open is a trademark of Cisco Networking Academy.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0711R)



Active Cisco Networking Academies in California U.S. Congressional District Database

Data for this report was gathered using the U.S. Congressional District Database. This tool was developed to communicate with congressional representatives about Cisco Networking Academy implementation in their home districts. The database maps active academies by congressional district or by all districts within a state, providing academy name, city, state, and congressional district. The listing by state is updated annually.

Table 4 lists information about academies in California congressional districts.

Table 4. Networking Academies in California Congressional Districts

Number of California Congressional Districts	Number of California Congressional Districts <u>with</u> Networking Academies	Number of California Congressional Districts <u>without</u> Networking Academies	% California Congressional District Penetration
53	51	2	96%

Academies listed here have taught a class with at least three students, or adopted a new curriculum, within the last twelve months

Source: MRE/Academy Connection, U.S. Congressional District Database Date: October 31, 2008

Active California Cisco Networking Academies by Congressional District

* Indicates Cisco Networking Academy Training Center

Academies listed here have taught a class with at least three students, or adopted a new curriculum, within the last twelve months

Source: MRE/Academy Connection, U.S. Congressional District Database Date: October 31, 2008

Congressional District 1

- Davis Senior High School (Davis)
- Del Norte High School (Crescent City)
- Mendocino Community College (Ukiah)
- Healdsburg High School (Healdsburg)
- Middletown High School (Middletown)
- Pioneer High School (Woodland)
- Windsor High School (Windsor)

Congressional District 2

- Anderson New Technology High School (Anderson)
- *Butte-Glenn Community College District (Oroville)
- Central Valley High School (Shasta Lake)
- Red Bluff Union High School (Red Bluff)
- *Shasta College - Regional (Redding)
- Shasta Trinity ROP (Redding)
- Wheatland High School (Wheatland)
- Yuba Community College (Marysville)

Congressional District 3

- American River College (Sacramento)
- Folsom Tech (Folsom)
- Rite of Passage Charter High School (San Andreas)
- *San Juan Unified School District (Carmichael)

Congressional District 4

- Granite Bay H.S. (Granite Bay)
- Heald College Roseville (Roseville)
- Lassen High School (Susanville)
- Modoc County ROP (Alturas)
- Nevada Union/ROP (Grass Valley)
- Quincy Cisco Academy (Quincy)
- Tulelake High School (Tulelake)
- Union Mine High School (El Dorado)

Congressional District 5

- Sacramento City College (Sacramento)
- Sacramento Job Corps Center (Sacramento)

Congressional District 6

- Santa Rosa High School (Santa Rosa)
- *Santa Rosa Junior College (Petaluma)
- Sonoma County Office of Education (Santa Rosa)

Congressional District 7

- Heald College Concord (Concord)

Congressional District 8

- John O'Connell High School (San Francisco)
- Mission High School SF (San Francisco)
- Sacred Heart Cathedral Preparatory (San Francisco)
- Washington High School SF (San Francisco)

Congressional District 9

- Castro Valley High School (Castro Valley)
- Oakland Technical High School (Oakland)

Congressional District 10

- Las Positas Community College (Livermore)
- Vanden High School (Fairfield)

Congressional District 11

- Live Oak High School (Morgan Hill)
- Lodi Unified / Career Center (Lodi)
- San Joaquin Delta College (Stockton)
- *San Joaquin Delta College – Regional (Stockton)
- Village High School - Pleasanton (Pleasanton)

Congressional District 12

- *City College of San Francisco (San Francisco)
- Lowell High School SF (San Francisco)
- San Mateo County ROP (Redwood City)
- Skyline College – SMCCD (San Bruno)

Congressional District 13

- American High School (Fremont)
- Chabot College (Hayward)
- DeVry University, Northern California (ACC) (Fremont)

- Irvington High School (Fremont)
- Mission Valley Regional Occupational Prog. (Fremont)
- *Ohlone College (Fremont)

Congressional District 14

- Foothill College (Los Altos Hills)

Congressional District 15

- San Jose City College (San Jose)
- Lynbrook High School (San Jose)
- Mission College (Santa Clara)
- Santa Clara High School (Santa Clara)

Congressional District 16

- Central County Occupational Center (San Jose)
- San Jose Conservation Corps Charter School Academy (San Jose)

Congressional District 17

- *Cabrillo College - Regional (Aptos)
- Hartnell Community College (Salinas)
- NMCHS/ROP/Adult Ed (Castroville)
- Monterey Peninsula College (Monterey)

Congressional District 18

- Delhi High School (Delhi)
- Dos Palos High School (Dos Palos)
- Heald College Stockton (ACC) (Stockton)
- *Merced College (Merced)
- Merced County ROP (Merced)

Congressional District 19

- Columbia Community College (Sonora)
- *CSU-Fresno Industrial Technology (Fresno)
- *Fresno City College (Fresno)
- Hoover High School (Fresno)
- Madera High School (Madera)

Congressional District 20

- Hanford West (ROP) (Hanford)
- Kings County Office of Education ROP (Hanford)
- Lemoore HS (ROP) (Lemoore)
- Selma High School (Selma)
- Sunnyside High School (Fresno)

Congressional District 21

- Center For Advanced Research and Technology (Clovis)
- College of the Sequoias (Visalia)
- Dinuba High School (Dinuba)
- Duncan Polytechnical High School (Fresno)
- Porterville High School (Porterville)

Congressional District 22

- Atascadero High School (Atascadero)
- Burroughs High School - ROP Cisco Network Academy (Ridgecrest)
- Paso Robles High School (Paso Robles)

Congressional District 23

- Allan Hancock College (Santa Maria)
- Cuesta College (San Luis Obispo)
- *Oxnard College - Regional (Oxnard)
- *Santa Barbara City College (Santa Barbara)
- Santa Barbara Co. Ed. office (Santa Barbara)

Congressional District 24

- *Moorpark College (Moorpark)
- Ventura County ROP (Camarillo)

Congressional District 25

- Canyon High School (Canyon County)
- *College of The Canyons – CREATE (Santa Clarita)

Congressional District 26

- Alta Loma High School - Chaffey JUSD (Alta Loma)
- Arcadia HS (Arcadia)

- Westwood College Upland Lai (ACC) (Upland)

Congressional District 27

- Birmingham Senior High (Van Nuys)
- Los Angeles Pierce College (Woodland Hills)

Congressional District 29

- Clark Magnet High School (La Crescenta)
- *Ed Tech Regional Academy (Alhambra)
- Pasadena City College (Pasadena)

Congressional District 30

- Calabasas High School (Calabasas)

Congressional District 31

- Los Angeles City College (Los Angeles)
- *Los Angeles Trade Technical College (Los Angeles)
- Westwood College Los Angeles Law (ACC) (Los Angeles)
- Los Angeles Trade Technical College (Los Angeles)

Congressional District 32

- *California State University-Los Angeles (Los Angeles)

Congressional District 33

- Culver City Adult School (Culver City)
- Hollywood (Los Angeles)
- West Los Angeles College (Culver City)

Congressional District 34

- Bellflower High School Academy (Bellflower)
- Maywood Academy High School (Maywood)

Congressional District 35

- El Camino College Networking Academy (Torrance)
- LA College Southwest Cisco Academy (Los Angeles)
- *Los Angeles USD (Los Angeles)

Congressional District 36

- Lennox Academy (Lennox)
- SCROC (Torrance)
- Venice Skills Center (Venice)

Congressional District 37

- Cal State Dominguez Hills Networking Academy (Carson)
- Compton College Networking Academy (Compton)
- *Long Beach Community College District (Long Beach)
- Westwood College Torrance LAL (ACC) (Torrance)

Congressional District 38

- DeVry University, Los Angeles Metro (ACC) (Pomona)
- *East San Gabriel Valley/Region 3B (City of Industry)
- Santa Fe High School (Santa Fe)
- Rio Hondo Community College (Whittier)

Congressional District 39

- Cerritos Community College (Norwalk)

Congressional District 40

- Cypress College (Cypress)
- Valencia H.S. (Placentia)

Congressional District 41

- Cajon High School - San Bernardino City USD (San Bernardino)
- *Crafton Hills College (Yucaipa)
- Marine Corps Communications and Electronics School (Twentynine Palms)
- Marine Corps Regional Academy (Twentynine Palms)
- Redlands East Valley High School (Redlands)
- *Victor Valley College (VVCD) (Victorville)
- Yucaipa High School - Yucaipa/Calimesa JUSD (Yucaipa)

Congressional District 43

- A.B. Miller High School - Fontana USD (Fontana)
- Chaffey Community College (Ontario)
- Ontario High School - Chaffey JUSD (Ontario)
- San Bernardino HS - San Bernardino City USD (San Bernardino)
- San Bernardino Valley College (San Bernardino)
- Pacific High School (San Bernardino)

Congressional District 44

- Arlington Networking Academy (Riverside)
- Riverside Community College (Riverside)

Congressional District 45

- Rancho Verde High School (Moreno Valley)

Congressional District 46

- Orange Coast College (Costa Mesa)
- *Orange County Regional Consortium (Costa Mesa)

Congressional District 47

- *Coastline Community College (Garden Grove)
- Westwood College Anaheim LAA (ACC) (Anaheim)

Congressional District 48

- Capistrano-Laguna Beach ROP (San Juan Capistrano)
- Irvine Valley College (Irvine)

Congressional District 49

- I MEF Cisco Academy (Camp Pendleton)
- *Mira Costa Community College (Oceanside)

Congressional District 50

- Palomar College (San Marcos)

Congressional District 51

- Educational Cultural Complex (San Diego)
- Southwestern Community College District (Chula Vista)

Congressional District 53

- SDCET North City (San Diego)

Congressional District 52

- Cuyamaca College (El Cajon)



Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 527-0883

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
168 Robinson Road
#28-01 Capital Tower
Singapore 068912
www.cisco.com
Tel: +65 6317 7777
Fax: +65 6317 7799

Europe Headquarters
Cisco Systems International BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: +31 0 800 020 0791
Fax: +31 0 20 357 1100

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

CCVP, the Cisco logo, and Welcome to the Human Network are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn is a service mark of Cisco Systems, Inc.; and Access Registrar, Aironet, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, Follow Me Browsing, FormShare, GigaDrive, HomeLink, Internet Quotient, IOS, iPhone, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, iQuick Study, LightStream, Linksys, MeetingPlace, MGX, Networkers, Networking Academy, Network Registrar, PIX, ProConnect, ScriptShare, SMARTnet, StackWise, The Fastest Way to Increase Your Internet Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries. Mind Wide Open is a trademark of Cisco Networking Academy.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0711R)



Cisco Networking Academy: Workforce Development in California

Cisco® Networking Academy® is ready to help U.S. workers learn critical IT and networking skills through academies located in high schools, community colleges, four-year colleges, and nontraditional settings. Developing in-demand technical skills in a timely, focused program enables students to quickly find and retain sustainable, high-paying jobs. Academy courses map to industry certifications and prepare students for technical jobs in a new, improved technical infrastructure across the nation. Even students who complete introductory courses will be prepared to work for companies that depend on a technical infrastructure for business sustainability.

“Obama’s pro-tech agenda could increase the number of technology jobs in the United States by 10 percent, adding about 300,000 high-paying IT positions.” –Katherine McGuire, VP of government relations, Business Software Alliance ¹

“Even with this economic downturn, the jobs outlook in IT for 2009 is better than that of many other industries, since IT is no longer at the peripheral of industries but at the core of their competitive edge, and IT will play a critical role in the infrastructure build out.” –David Foote, CEO of Foote Partners LLC, which analyzes IT wages and hiring data ¹

As the U.S. remains focused on economic recovery throughout 2009, there is a growing emphasis on upgrading the educational infrastructure to deliver the required knowledge and skills to build the needed technical workforce to support and maintain technology infrastructure assets and requirements. Just as the interstate highway investment created millions of construction jobs, which were then followed by maintenance and automotive jobs in the long term, so technology investments will initially create jobs necessary to design and deploy technology infrastructure, and these jobs will be followed by an array of new business opportunities.

“Investments in America’s digital infrastructure will spur significant job creation in the immediate term. An investment of \$40 billion in IT network infrastructure in 2009 will create more than 949,000 U.S. jobs, more than half of which will be in small businesses.” –Technology CEO Council press release ²

Cisco Networking Academy addresses the need for 21st century teaching and learning models that prepare students to move into the pipeline of talent needed to fill these high-skill, high-wage, high-demand careers.

“We will enable students of all ages to learn in 21st century classrooms, labs, and libraries, to help our students compete with any worker in the world.” –American Recovery and Reinvestment Plan press release ³

In a recent report, the Information Technology and Innovation Foundation “finds that investments in America’s digital infrastructure will spur significant job creation in the short run. Specifically, ITIF estimates that an additional investment of \$30 billion in America’s IT network infrastructure in 2009 will create approximately 949,000 U.S. jobs.” ⁴

¹ Computerworld, 1/5/09, *Stimulus could create thousands of IT jobs*, <http://www.computerworld.com/action/article.do?command=viewArticleBasic&articleId=331783>

² Technology CEO Council, Wash. D.C. 1/29/09, http://www.techceocouncil.org/index.php?option=com_content&task=blogsection&id=8&Itemid=159

³ American Recovery and Reinvestment Plan press release, 1/16/09, <http://appropriations.house.gov/pdf/PressSummary01-15-09.pdf>

⁴ ITIF, 1/7/09, *The Digital Road to Recovery: A Stimulus Plan to Create Jobs, Boost Productivity and Revitalize America*, <http://www.itif.org/index.php?id=212>

IT Occupational Data

Table 5 lists information about IT-related occupations in the United States, and Table 6 lists this information for California.

Table 5. Selected IT-Related Occupations in the United States

Occupation	Employment		Employment Change		Average Annual Openings	Occupational Employment as of May 2007*
	2006	2016	Numeric	Percent		
Computer Support Specialists	552,000	624,000	71,000	21.9	24,000	525,570
Computer Systems Analysts	504,000	650,000	146,000	29	28,000	446,440
Network and Computer Systems Administrators	309,000	393,000	83,000	27	15,000	309,660
Network Systems and Data Communications Analysts	262,000	402,000	140,000	53.4	19,000	216,050
Computer and Information Systems Managers	264,000	307,000	43,000	16.4	9,000	264,990

U.S. Department of Labor, Bureau of Labor Statistics, <http://www.projectionscentral.com>, based on data availability as of October 31, 2008

*U.S. Department of Labor, Bureau of Labor Statistics, May 2007 State Occupational Employment and Wage Estimates (US), <http://stat.bls.gov/oes/current/oesrcst.htm>

Table 6. Selected IT-Related Occupations in California

Occupation	Employment		Employment Change		Average Annual Openings	Occupational Employment as of May 2007 [^]
	2006	2016	Numeric	Percent		
Computer Support Specialists	61,100	71,600	10,500	17.2	2940	61,360
Computer Systems Analysts	53,900	69,100	15,200	28.2	1520	50,970
Network and Computer Systems Administrators	32,400	42,200	9800	30.2	1720	32,960
Network Systems and Data Communications Analysts	28,900	45,900	17,000	58.8	2290	24,870
Computer and Information Systems Managers	36,400	43,400	7000	19.2	1290	38,040

U.S. Department of Labor, Bureau of Labor Statistics, <http://www.projectionscentral.com>, based on data availability as of October 31, 2008

[^]U.S. Department of Labor, Bureau of Labor Statistics, May 2007 State Occupational Employment and Wage Estimates (by state), <http://stat.bls.gov/oes/current/oesrcst.htm>



Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 527-0883

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
168 Robinson Road
#28-01 Capital Tower
Singapore 068912
www.cisco.com
Tel: +65 6317 7777
Fax: +65 6317 7799

Europe Headquarters
Cisco Systems International BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: +31 0 800 020 0791
Fax: +31 0 20 357 1100

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

CCVP, the Cisco logo, and Welcome to the Human Network are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn is a service mark of Cisco Systems, Inc.; and Access Registrar, Aironet, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, Follow Me Browsing, FormShare, GigaDrive, HomeLink, Internet Quotient, IOS, iPhone, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, iQuick Study, LightStream, Linksys, MeetingPlace, MGX, Networkers, Networking Academy, Network Registrar, PIX, ProConnect, ScriptShare, SMARTnet, StackWise, The Fastest Way to Increase Your Internet Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries. Mind Wide Open is a trademark of Cisco Networking Academy.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0711R)



California Student and Graduate Profile

Going from grocery store manager to network engineer for DreamWorks Animation SKG, Christopher Cugno is living his dream. Today Christopher is a senior network engineer for Paramount Pictures in Hollywood and his name can be spotted in the credits of such animated hits as *Shrek the Third* and *Bee Movie*. Not only does Christopher have a great job, he's also earned his Cisco® Certified Network Professional (CCNP®) certification and is currently studying to become a Cisco Certified Internet Expert (CCIE®). Christopher attributes his success in part to Cisco Networking Academy® where he gained networking skills and preparation for industry certification. "Holding a Cisco certification has enabled me to enter the career of my dreams, and now I have the opportunity to work for one of the most recognized production studios in the world," said Chris.

Today, Christopher continues his work at Paramount Pictures as Senior Network Engineer. ... His role is vital in keeping the studio's network backbone running smoothly so that movie production can continue without interruption.

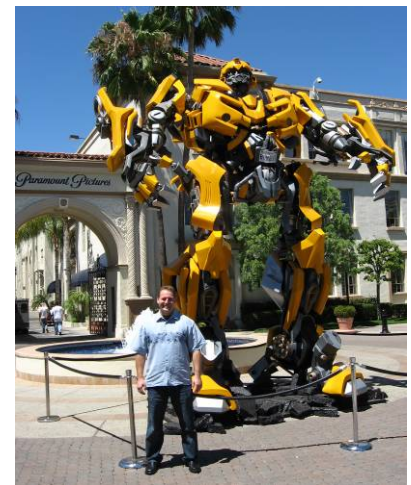
In 1998, after 15 years working in supermarkets, Christopher was ready for a dramatic change in direction, so he took the first step and enrolled in a Cisco Networking Academy. Just two years later, Christopher had earned his Cisco Certified Network Associate (CCNA®) certification and was well on his way to a new and exciting career. In part, he has his grandmother to thank. She encouraged Christopher to do something that he really loved. Inspired by her advice, Christopher left his grocery store position and began his new career path.

Christopher didn't waste any time pursuing his new career. He prepared for two certifications, CCNA and Microsoft MCSE, while still enrolled in the Networking Academy. Christopher also took advantage of an intern/extern position with Stanbridge College where he quickly put his new skills to use on the job. His responsibilities included various consulting jobs as well as building networks for the college.

From there, Christopher landed a job with FrontBridge Technologies, an email filtering company. Christopher was hired just before FrontBridge was acquired by Microsoft and he found himself having to make a decision about relocating his family to Seattle. "I was not prepared to uproot my family at that time, so I contacted a recruiter and started to look elsewhere." And that's when the "dream job" with DreamWorks came his way. After a grueling four-month interview process, Christopher was finally selected as their senior network engineer.

Today, Christopher continues his work at Paramount Pictures. His responsibilities include traffic engineering, performance tuning and analysis, and network management and monitoring. Christopher says Paramount is currently working with Cisco on a LAN redesign to build a new digital campus. The project is a multi-year effort to enable production companies to easily connect to the Paramount campus and receive a package of services including IP and VPNs as well as a host of amenities tailored to individual production needs.

Christopher's role is vital in keeping the studio's network backbone running smoothly so that movie production can continue without interruption. When asked about his favorite part of the job Christopher said, "The ongoing 'science projects' and development work are the most fun aspects of my job. I really love trying new Cisco products at work." Christopher has also created his own lab environment as a test area for new hardware he wants to use in the movie production environment.



“Holding a Cisco certification has enabled me to enter the career of my dreams, and now I have the opportunity to work for one of the most recognized production studios in the world.”

Chris Cugno

Christopher’s future plans include earning his Cisco Certified Internetwork Expert (CCIE®) certification, continuing a rewarding career at Paramount Pictures, and spending quality time with his family. “I’m really passionate about my life and my work now,” says Christopher.

For more information on the Networking Academy at Rancho Santiago Community College, visit:

<http://www.rscgd.org/homex.asp>



Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 527-0883

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
168 Robinson Road
#28-01 Capital Tower
Singapore 068912
www.cisco.com
Tel: +65 6317 7777
Fax: +65 6317 7799

Europe Headquarters
Cisco Systems International BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: +31 0 800 020 0791
Fax: +31 0 20 357 1100

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

CCVP, the Cisco logo, and Welcome to the Human Network are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn is a service mark of Cisco Systems, Inc.; and Access Registrar, Aironet, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, Follow Me Browsing, FormShare, GigaDrive, HomeLink, Internet Quotient, IOS, iPhone, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, iQuick Study, LightStream, Linksys, MeetingPlace, MGX, Networkers, Networking Academy, Network Registrar, PIX, ProConnect, ScriptShare, SMARTnet, StackWise, The Fastest Way to Increase Your Internet Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries. Mind Wide Open is a trademark of Cisco Networking Academy.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0711R)