

# APJ Social Innovation Group

Cisco Networking Academy, Thailand

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25<sup>th</sup> May 2018



# Cisco Networking Academy



*YEARS OF  
CHANGING  
WORLDS*





It began as an act of charity.

Twenty years ago, Cisco donated some networking equipment to a local school. But no one was trained on it, so the gear sat unused. Which led to a valuable insight: Technology is truly powerful when combined with education.

# \$2.6+ Billion

Cisco Networking Academy has made in-kind contributions worth billions in tools, resources, and support to students, schools, and instructors.\*





It became a movement.

Cisco Networking Academy was born that day, as we trained the staff to build their network. And after seeing the impact it had on the school, its students, and teachers, we were inspired by a new mission for the next 20 years and beyond. A mission that became a movement with a shared interest in the potential of technology to change the world.

# 9,600+ Academies

Our courses are delivered in collaboration with thousands of schools, community colleges, universities, and other organizations.\*

A man with dark skin, a full beard, and long dreadlocks is smiling broadly, showing his teeth. He is wearing a dark green V-neck t-shirt. He is standing in front of a solid, vibrant red wall. The lighting is bright and even, highlighting his features. The text "We're changing lives." is overlaid in white, sans-serif font across the middle of the image, partially covering the man's chest and the wall behind him.

We're changing lives.

The education we provide has the power to change the trajectory of our students' lives. From helping them to find work and elevate their careers to transforming their communities.

# 6.9 Million+ Students

Since its inception, Cisco Networking Academy has helped the careers of millions of new and continuing students.\*



A photograph of three young men in a classroom or study hall, focused on their work. The man on the left, wearing a green camouflage jacket and glasses, is pointing at a document on the desk. The man in the middle, wearing a white hoodie and glasses, is looking down at the document. The man on the right, wearing a dark jacket and glasses, is also looking down at the document. They are sitting at a desk with two laptops in front of them. Large windows in the background let in bright light. The text "We're changing education." is overlaid in white, sans-serif font across the center of the image.

# We're changing education.

The more educators we've met, the more they've taught us. Today, Cisco Networking Academy schools and educators are at the forefront of new teaching methods and resources, delivering a curriculum that extends beyond technical training to the problem-solving and entrepreneurial skills students need to get a job or create their own businesses.

# 20,000 Educators

We are collaborating with thousands of instructors worldwide.\*



An aerial photograph of a modern city skyline at dusk. The foreground features a large marina with numerous yachts docked at piers. Several speedboats are moving through the water, leaving white wakes. The middle ground is filled with a dense cluster of skyscrapers, many of which are illuminated with lights. The background shows a hazy horizon with a few more distant buildings. The overall scene conveys a sense of urban development and progress.

FOR 20 YEARS, WE'VE  
BEEN CHANGING  
WORLDS.

For 20 years, Cisco Networking Academy has inspired people to take on the world's toughest challenges. But our focus is firmly on what's next. Along with our educators, we're exploring new approaches that will accelerate learning for a new era. Our students are transforming the world, creating the businesses and jobs that will shape the future through the promise of digitalization. There's no predicting where the future will take us, only that the ones changing the world will start here.

# 1 Billion People

By empowering individuals and organizations with problem-solving skills and transformative technologies, Cisco Networking Academy and our other Corporate Social Responsibility programs will help bring the benefits of digitization to one billion people by 2025.\*





Cisco has for 25 years supported the growth of Asia and we are committed to playing a pivotal role in the region's economic, social and digital transformation over the next 25 years and beyond.

# Thailand



104

Instructors



45,525

Students  
since  
inception



55

Academies



5,074

Active  
Students



34%

Female  
Students

CyberSecurity



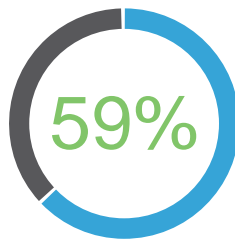


*“There are two types of companies:  
those that have been hacked,  
and those who don't know they have been hacked”*



# IT Security Is Falling Short

Businesses are struggling to keep pace with cyber attackers



said security infrastructure was up to date and constantly upgraded\*



100-200  
DAYS

is the Industry estimate for time to detection of a cybercrime



\*Cisco 2016 Annual Security Report

# Organizations Need More Skilled Security Personnel

The Information Systems Audit and Control Association found that:

84%

believe only half of applicants for security jobs are qualified\*



45%

can determine the scope of an attack and remediate the damage\*



53%

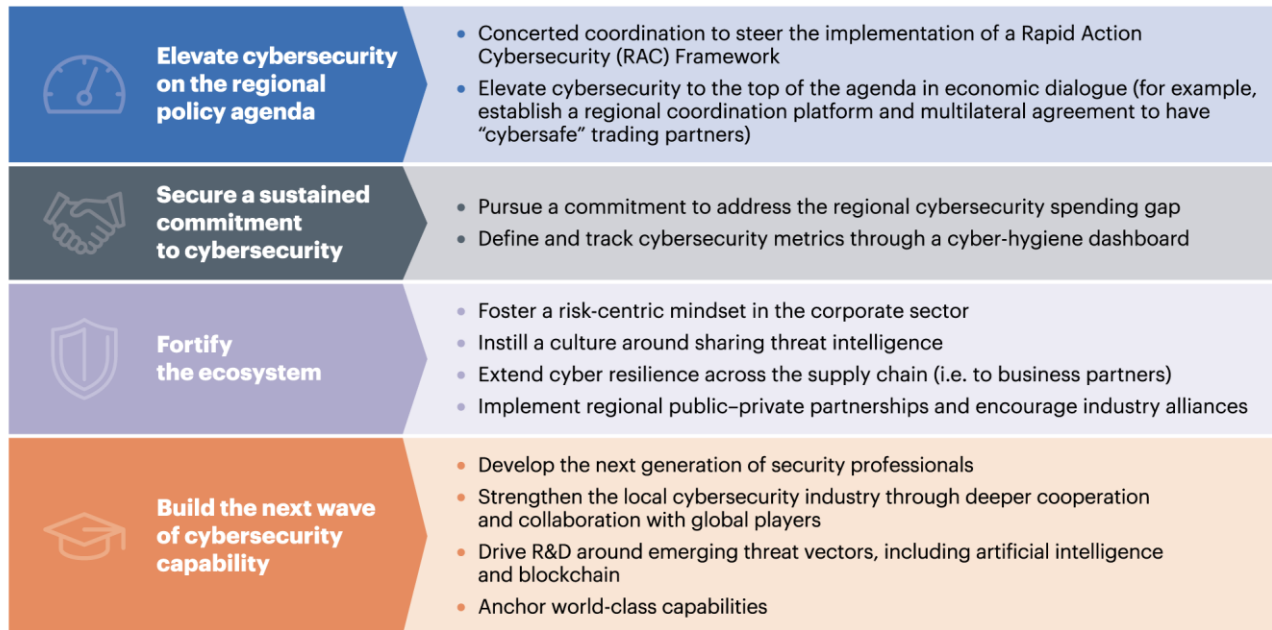
look as long as 6 months to find qualified security candidates\*



\*State of Cybersecurity; Implications for 2015, ISACA and RSA Conference, April 2015

# Cybersecurity in ASEAN: An Urgent Call to Action

Monday (Jan 23) 2018



Source: A.T. Kearney analysis

<https://www.atkearney.com/communications-media-technology/article?/an-an-urgent-call-to-action-article>

# Cybersecurity Portfolio





# CCNA Cyber Ops

Primarily focusing on networking security with regard to protecting existing networks, this in-depth course is designed to prepare students to sit the Cisco Cybersecurity Operations Certification exam.

Delivery: Instructor-led

Duration: 70 hours

Suitable for: 2 and 4-year college students

Prerequisites: None

Instructor Training Required: Yes



# Internet of Things



# Perfect Storm

Massive Youth  
Unemployment

74M

Unemployed Youth

McKinsey Center for Government,  
Education to Employment

Growing  
Skills Shortage

63%

of CEOs see lack of skills  
as a serious concern

PWC, 17<sup>th</sup> Annual  
Global CEO Survey

Unprecedented  
Opportunity

\$11.1T

Economic Value  
Add by 2025

McKinsey Global Institute; IoT: Mapping  
the Value Beyond the Hype

# NetAcad IoT Portfolio

## Introduction to IoT



**Target Audience:** 2-Year college students, general audience

**Course Delivery:** Instructor-led or Self-paced

**Estimated Time to Complete:** 15 hours

**Recommended Next Course:** IoT Fundamentals: Connecting

## IoT Fundamentals: Connecting Things



**Target Audience:** 2& 4 Year college students, Vocational

**Course Delivery:** Instructor-led

**Estimated Time to Complete:** 40-50 hours

**Recommended Next Course:** IoT Fundamentals: Big Data & Analytics / Hackathon Playbook

## IoT Fundamentals: Big Data & Analytics



**Target Audience:** 2& 4 Year college students, Vocational

**Course Delivery:** Instructor-led

**Estimated Time to Complete:** 40-50 hours

**Recommended Next Course:** IoT Fundamentals: Hackathon Playbook

## IoT Fundamentals: Hackathon Playbook



**Target Audience:** 2& 4 Year college students, Vocational

**Course Delivery:** Instructor-led

**Estimated Time to Complete:** 40-50 hours

**Recommended Next Activity:** Cisco Global Problem Solver Challenge

# Workforce Development





We invest in long-term initiatives that create greater connections between the classroom and the workplace

Social  
Innovation



### Global Problem Solver Challenge



- 2017 –Indonesian NetAcad team
- 2018 - Winners announced on May 21, 2018

### Women Rock IT




- **June 7<sup>th</sup>** 2018 - How Technology Is Powering Up New Solutions To Global Challenges?

### Talent Bridge



- Talent matching engine
- Graduating students
- Employers

## Talent Bridge Matching Engine

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- The illustration depicts a central globe with green continents and blue oceans. Five stylized human figures are arranged around the globe, each connected to it by a white line. The figures are: a woman with brown hair in a yellow top at the bottom left, a man with brown hair in a white shirt and blue tie at the top left, a woman with dark hair and glasses in a blue top at the top right, a man with dark hair in a black shirt at the bottom right, and a person with a laptop icon on their head at the bottom center. A white briefcase icon is positioned above the globe, and a blue handshake icon is to the right of the globe. The background is a light blue sky with white clouds.
- A **free online resource for Cisco partners and Networking Academy students** that automates your ability to identify and apply for great job opportunities
  - **Your Academy course work and profile will match you to employer criteria**, accelerating your ability to find local job opportunities, including internships and jobs at Cisco
  - Help us test this pilot resource and make sure your profile is up to date with **technical skills, certifications, language proficiencies, location and more to help employers find you**

# → Next Steps

- Utilise our broad Cert-Oriented Portfolio
- Encourage Self-Paced Courses
- Create Learning Pathways for Your Students
- Encourage Participation in Student Challenges
- Promote & Participate in Workforce Development programs
- Encourage and Support Gender Diversity





# Cisco Networking Academy

20 Years of Changing Worlds



**Thank you for  
your  
Partnership**

