

Cisco Networking Academy Cybersecurity Courses

Cisco Networking Academy (www.NetAcad.com) is an IT skills and career-building program for learning institutions and individuals worldwide.

Networking Academy delivers classroom instruction, online teaching materials, interactive tools, and hands-on learning to students from every socioeconomic background so they can develop the knowledge and skills required to succeed in a technology-driven market.

More than 7.8 million people have joined the Networking Academy and have become a force for change in the global economy since 1997. More than 1 million students enroll each year in 180 countries. It has a network of more than 22,000 instructors and more 10,400 educational institutions use the academy's curriculum. In ASEAN alone, more than 770,000 students have been trained, with more than 500 academies and 1,400 instructors.

In support of the skills-to-jobs learning experience is an unparalleled ecosystem which provides support to the educational institutions and their students. With a focus on corporate social responsibility, Cisco provides the curriculum, learning platform, and 24/7 teaching and learning resources. There are more than 650 support and training partners

throughout the world that provide services to the member educational institutions. The program also offers discounts on certification exams and equipment necessary as part of the instructional space. Global communities and local learning institutes provide instructors, students, classroom space, and lab facilities.

NetAcad.com, the global delivery platform, supports the entire program throughout the world. The Cisco Networking Academy global delivery platform is available in seven languages with some courses translated into as many as eighteen languages. One of the most powerful components of the platform is the custom assessment engine that provides detailed reports on a student's learning strengths and weaknesses with recommended course topics to help close the gaps. The platform also delivers a world-class learning management environment, which enables instructors to manage and customize their classroom and interactions with their students.

The Networking Academy portfolio learning outcomes include the following:

- Exploratory offerings emphasize exposure to new

ideas and some basic conceptual understanding with a taste of the breadth of skills one might learn—with the desire to encourage students to consider a career in a particular technology area or type of technology-related business.

- Foundational offerings develop a breadth of conceptual understanding and practice of beginning and intermediate skills that form the basis for choosing one or two areas to specialize their skills.
- Career-ready offerings give students the depth of skills needed to prepare for an entry-level job or increased specialization using iterative learn-and-apply skill cycles in every lesson.
- Collaborate for Impact are checkpoint experiences within the foundational and career-ready offerings that synthesize all skills learned to date in a real-world, problem-solving context.

The portfolio includes a heavy emphasis on preparation for industry-recognized certifications, which lead to greater employment opportunities (see Appendix C: The Networking Academy's Learning Portfolio on page 51).

challenges. This makes it difficult for companies to compete on the national, regional, and global level and reduces the choice of viable and usable cybersecurity technologies to which citizens and businesses have access.

A tactical approach to overcome fragmentation in the local vendor landscape is the development of a certification framework for security products, consistent with the EU's security-by-design approach. The supply of ICT security products and services in ASEAN as well as in the EU has