

Free Technology Courses Offer

Any new Cisco academy student who enrolls in any of our Cisco courses (CCNA, CCNA Security and CCNP) will receive following three supplementary courses absolutely free of charge, a saving of over £1500.

- 1- Internet of everything (IoE)
- 2- Entrepreneurship
- 3- Introduction to Cyber security (IoC)

The new courses cover new concepts, develop new career skills, and expand student understanding of the latest technologies.

Topics covered in these courses reflect market research and reports from global employers that the skills gap is growing for essential networking technologies such as security, the transformational IoE economy, etc.

Please note the courses are self-enrolment and all learning material including the curriculum and assessments are available online. At this stage no teaching and support will be provided by our instructors.

More details on courses:

Introduction to the Internet of Everything (IoE)

The Introduction to the Internet of Everything course provides an overview of the concepts and challenges of the transformational IoE economy. The course discusses the Internet and its evolution to the interconnection of people, processes, data, and things that forms the Internet of Everything.

The course introduces the concept of a network foundation connecting billions of things and trillions of gigabytes of data to enhance our decision making and interactions. Course modules describe how IOE drives the convergence between an organisation's operational technology (OT) and information technology (IT) systems, the business processes for evaluating a problem and implementing an IoE solution, and the machine-to-machine (M2M), machine-to-people (M2P), and people-to-people (P2P) connections in an IoE solution.

After completing this course, students will be able to:

- describe the Internet and its evolution to the Internet of Everything
- explain the interconnection of people, process, data, and things, the four pillars that form the Internet of Everything
- explain how things that are non-IP-enabled and IP-enabled devices can be connected to a network to communicate in the Internet of Things
- explain programming and show a simulated version of the Cisco Coffee JavaScript application
- explain the steps to evaluate and implement an IoE solution

- Explain security concerns that must be considered when implementing IoE solutions
- Describe the M2M, M2P and P2P interactions of a modelled winery and review an example of an IoE solution at a modelled winery
- Explain the concept of prototyping and why this is critical in the IoE market

Entrepreneurship

The Entrepreneurship course is designed to supplement the skills gained through the core NetAcad ICT curricula and help students prepare for new career opportunities. It teaches critical business and financial skills, attitudes, and behaviours to help students develop an entrepreneurial mind-set that can empower them to improve their overall quality of life.

Entrepreneurship incorporates a new approach to teaching and learning entrepreneurial skills with interactive, online case studies designed to help students learn business skills and apply networking capabilities within the context of starting a business.

The case studies introduce basic business and financial concepts through activities and scenarios that cultivate and reinforce the critical thinking skills required to become a successful entrepreneur. The Entrepreneurship case studies promote:

- increased self-confidence and personal motivation
- improved leadership skills and financial literacy
- greater mastery of technical skills through applied practice
- inspiration to start a small business

Introduction to Cybersecurity

Training a cybersecurity workforce is a national priority for many countries, and the demand for cybersecurity skills has grown three times faster than any other ICT job role.

The Introduction to Cybersecurity course covers trends in cybersecurity and provides examples of jobs that require cybersecurity skills. The course integrates recorded webinars with activities, videos, and assessments.

After completing this course, students will be able to:

- explain the global implications of cyber threats
- explain the ways in which networks are vulnerable to attack
- explain the impact of cyber-attacks on industries
- explain Cisco's approach to threat detection and defence
- explain why cybersecurity is a growing profession
- explain the opportunities for pursuing network security certifications