E COM SECURITY® ACADEMY

CYBERSECURITY: THE HUMAN CHALLENGE

e-learning programs for engineering and business schools, students, and faculty members to build expertise on cybersecurity from real-world business scenarios

To learn more about
E Com Security Academy, visit
www.ecomsecurity.academy

Contents

"E Com Security Academy helps students and educators of colleges and universities build skills and expertise on cyber security through e-learning courses".

Why E Com Security Academy?

E Com Security Academy is designed for academia worldwide. The academy introduces relevant real-world experience on cyber security to students through its e-learning programs for undergraduate, graduate, and MBA students. The program also offers a chance for teachers to advance their skills, and pass it on to their students for which they can get worldwide recognition. Through the blended learning approach, students and teachers can learn at their own pace that best suits their individual learning style from anywhere using their laptop, phone, tablets etc. The experiential e-learning prgorams are designed to provide students and teachers with hands-on experience on cyber security, data privacy, cyber ethics and industry laws and regulations, while working on projects that emanate from real-world business scenarios.

Key Benefits

- The program helps university faculty to provide students with additional skills, giving them an advantage in the job market.

- Knowledge of industry good practice approaches, so that you have the confidence that everyone with access to systems and data is being trained.

- Upon successful course completion, students & teachers can receive certificates and badges on relevant skills.
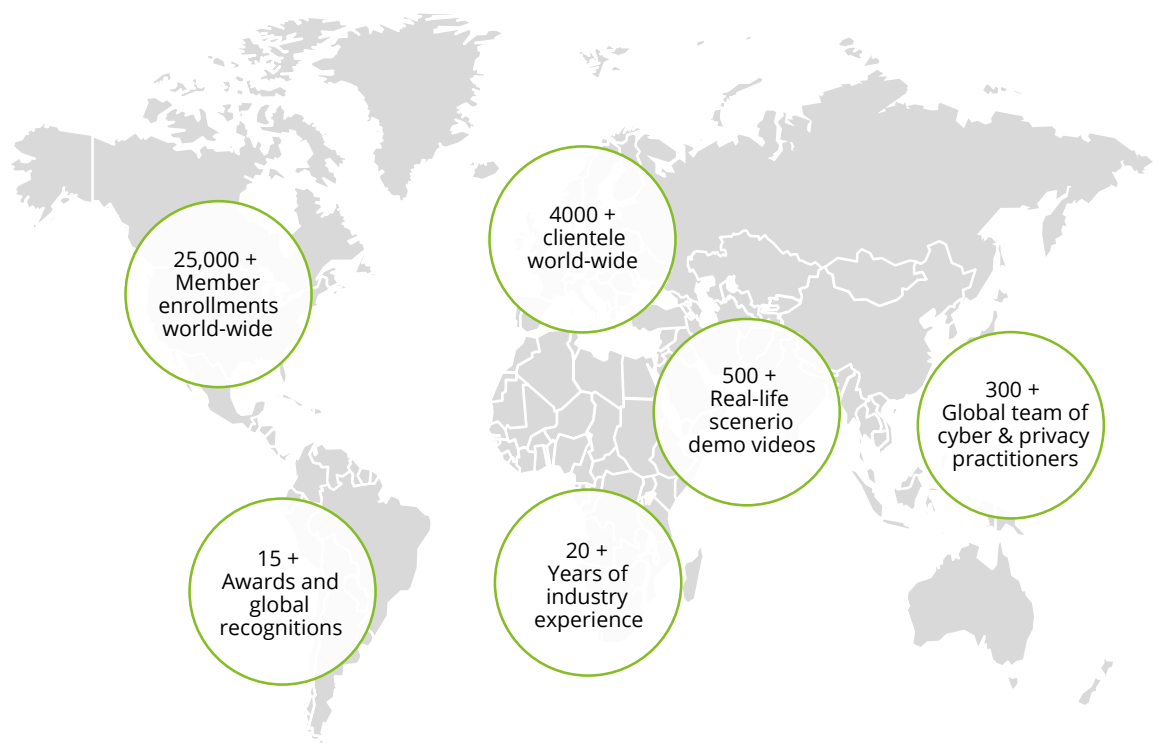
Certification and Accreditation

E Com Security Academy enjoys a number of important certifications & accreditations.

- Academy is certified and approved by the Human Resource Development Authority for the purposes of providing courses that are eligible for Professional Development. Participants are given a Certificate of Training confirming the total number of training hours.

Developed by specialists

At E Com Security Academy, we blend technical expertise with real life experience in training development and delivery. The course content is developed by niche cyber security and privacy experts of E Com Security Solutions, a big 4 cyber security firm helping over 4000 organizations globally in across 20 industries and over 150 countries.

25,000 +
Member enrollments world-wide

4000 +
clientele world-wide

500 +
Real-life scenerio demo videos

300 +
Global team of cyber & privacy practitioners

15 +
Awards and global recognitions

20 +
Years of industry experience

Learning on demand

simple and effective e-learning programs, created to accommodate different learning styles and learning on the go

Cloud-based online training
Every course is made up of an explanatory video lasting 3-5 minutes are designed for different levels of experience. Members can access the courseware at their own pace from anywhere using their laptops, phones, tablets, etc.
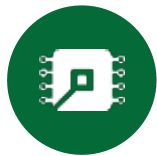
Inspiring video-based learning
We blend technical expertise with real life experience in training development and delivery. Our course content include Inspirational training videos, real-life scenarios, and simulations that are designed to reflect the field experience of E Com Security Solutions professionals.

Certificate of Recognition
Members will be provided with personalized Completion Certificates for each e-course and e-quiz completed. The certificates can be used to verify Continuing Professional Development and Education credits.

Digital Badge
The digital badge program is a digital recognition of skills which can be shared on social and professional networks, and can also be a part of member's digital signature. These badges are earned once member pass the exam.

Track and Monitor
As an administrator, you have access to an intuitive administration module. This makes it easy to set course dates, administer users and view user statistics.

Learning tracks

e-learning units designed to provide foundation

Subscription Pricing: USD 60 / User / Year
Category: Foundation

*Pricing in US$ as per June 2021.
*Contact the sales representative in your geographic region for current promotions.

Cyber Security Principles

The training course focus on fundamentals of information security, including most noted cyber breaches, end user security risks, security tools and the end user's role in IT security.

Expertise Level: Beginner
Duration: 30 Minutes

Course Overview:
- Summarize the ways to secure systems
- CIA triad: confidentiality, integrity, and availability
- Identify ways to minimize the various attack surfaces
- Good practices to avoid malware
- Methods to ensure safe browsing and email habits

Cyber Ethics Professional

The training course focus on security governance, compliance and policy issues, personnel security, threat modeling, and security in contracts management. This helps you understand what cyber ethics are and why they are so important.

Expertise Level: Beginner
Duration: 30 Minutes

Course Overview:
- Identify ways to minimize compliance issues
- Summarize on various contracts and agreement types
- Discuss methods to manage diversity and inclusion
- Good practice techniques of personnel security
- Outline techniques used to secure digital data

Cyber Threat Intelligence

The training course focus on how cyber-criminals take advantage of vulnerabilities in technologies, processes, and humans in order to cause damage. Learn about different cyber threats and vulnerabilities.

Expertise Level: Beginner
Duration: 30 Minutes

Course Overview:
- Define impersonation and hoaxing
- Describe reasons for effectiveness such as authority, intimidation, and scarcity
- Describe various common malware attacks like viruses and worms
- Define types of scams, fraud, and hoaxes
- Describe influence campaigns and disinformation initiatives

Data Privacy Expert

The training course focus on best practices and procedures for managing privacy, security, and risk and assessing securityprocesses. Also covers topics of data privacy and protection practices, and security frameworks.

Expertise Level: Beginner
Duration: 30 Minutes

Course Overview:
- Assess key security processes
- How to mitigate risk when working with vendors; and more
- How to align security with the business needs of your organization
- How to best leverage audits and assessments
- How to assess risk likelihood and impact through qualitative and quantitative risk assessment.

Learning tracks
e-learning units designed to build expertise

Subscription Pricing: USD 60 / User / Year
Category: Expert

*Pricing in US$ as per June 2021.
*Contact the sales representative in your geographic region for current promotions.

Security Governance Expert

The training course covers developing policies, business cases, implementing an information security strategy, developing governance framework and other key components of governance program.

Expertise Level: Advanced
Duration: 30 Minutes

Course Overview:
- Implement information security strategy
- Developing policies, business cases and key components of governance program
- Developing a governance framework and integrating into governance practices.
- Incident Management & Disaster recovery
- Align team work with business objectives and external requirements.

Security Practitioner

The training course helps to build expertise in developing security systems that understand, reason and learn; proactively reacting to cyber threats. This course comprises a unique mix of cybersecurity technical & real-world industry skills.

Expertise Level: Advanced
Duration: 30 Minutes

Course Overview:
- Technical Integration of Enterprise Security
- Adapting data flow security to changing business needs
- Identification and authentication to secure resources
- Cloud computing and security architecture
- Cryptographic techniques used to increase the security of the networks

Global Laws and Regulations

The training course establish the importance of building regulatory compliance into a company's IT security program. The course also introduce to various regulations includng PCI DSS, GDPR, HIPAA.

Expertise Level: Advanced
Duration: 30 Minutes

Course Overview:
- Regulations & compliance considerations
- Personally Identifiable Information (PII), and Protected Health Information (PHI)
- Corporate governance in banking industry including AML and KYC
- Financial penalties on regulatory violations
- Importance of regulatory compliance in a company's IT security program

Risk Management Professional

The training course focus on topics related to the security policy framework, risk mitigation strategies and controls, and control options including procedures related to penetration testing and management reviews.

Expertise Level: Advanced
Duration: 30 Minutes

Course Overview:
- Describe risk as it relates to information systems
- Differentiate between threats, vulnerabilities, impacts, and risks
- Concepts of risk management, risk treament, Penetration testing and management reviews
- Risk assessment characteristics and options
- Risk responses such as accepting, avoiding, mitigating, sharing, or transferring risk

Learning tracks
e-learning units designed for regulatory requirements

Subscription Pricing: USD 30 / Course / User / Year
Category: Industry Specific

*Pricing in US$ as per June 2021.
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PCI DSS Security

The training course targeted to end users which are designed by PCI Professionals to meet requirements of PCI DSS Standards. Course designed for both end users of merchant & service provider organizations.

Expertise Level: Intermediate
Duration: 60 Minutes

Course Overview:
- Twelve requirements of PCI DSS
- Confidentiality, integrity, and availability security objectives
- Computer and hardware security policy best practices
- Using file encryption and access controls
- Incident response, disaster recovery and best practices for using system patches

HIPAA Security and Privacy

The training course targeted to end users which are designed by HIPAA security Professionals to meet the requirements of HIPAA and covers threats to data security and the processes that exist for dealing with a data breach.

Expertise Level: Intermediate
Duration: 60 Minutes

Course Overview:
- HIPAA security and privacy concepts
- Recognize personally identifiable information and protected health information
- Privacy concerns such as private data and jurisdictional concerns
- Media sanitization and data destruction
- Strategies of effective vendor risk management, incident response process and disaster recovery

GDPR Practitioner

The training course focus on on General Data Protection Regulation (GDPR) that came into effect on 25 May 2018 and changed the European privacy landscape. Include wide range of scenarios & practical tools.

Expertise Level: Intermediate
Duration: 60 Minutes

Course Overview:
- Privacy & Data Protection Fundamentals
- Stakeholder Engagement and Operations Management
- Security controls, techniques, and data privacy management tools.
- Third-Party Management
- Privacy by design, data protection impact assessments, and records of processing

FinTech Security & Regulations

The training course focus on unique cybersecurity challenges, including rules and regulations to prevent fraud and protect consumer data. This course is designed for the executives, senior leaders and the management team.

Expertise Level: Intermediate
Duration: 60 Minutes

Course Overview:
- Regulations in responding to incidents
- Describe PCI security requirements and vendor management considerations on supply chain risk
- Concepts of risk management, risk treament, Penetration testing and management reviews
- Recognize NIST security standards
- Risk responses such as accepting, avoiding, mitigating, sharing, or transferring risk

Getting Access

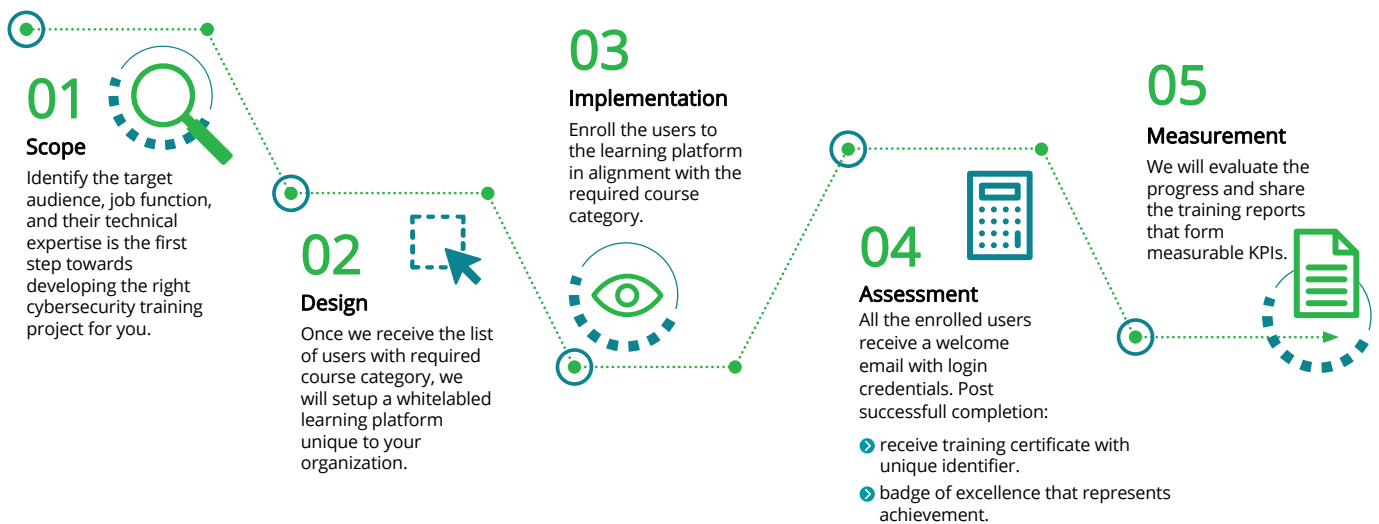## access is available to institutions we have signed an agreement with

Hosting has been designed to respond to different training platform needs. On selecting the user access option, the digital training can be:

- deployed into institute learning management systems as part of training requirements; or

- hosted on the E Com Security Academy learning platform where academy will support user rights management and administration.

Eighty-five percent of students and educators say the cybersecurity programs aimed to discover how to solve complex business problems using technology and applying security to real-world challenges.

E Com Security Solutions 2020 Global Human Capital Trends Report

Figure 1. Training Management Approach

01
Scope
Identify the target audience, job function, and their technical expertise is the first step towards developing the right cybersecurity training project for you.

02
Design
Once we receive the list of users with required course category, we will setup a whitelabled learning platform unique to your organization.

03
Implementation
Enroll the users to the learning platform in alignment with the required course category.

04
Assessment
All the enrolled users receive a welcome email with login credentials. Post successfull completion:
- receive training certificate with unique identifier.
- badge of excellence that represents achievement.

05
Measurement
We will evaluate the progress and share the training reports that form measurable KPIs.

Our Core Principles

Innovative approach
The Academy applies up-to-date training methods and techniques, including business games, simulations, and interactive visualization. The training has no PowerPoint slides and long complicated questionnaires - but an intuitive e-learning portal with videos and tests, where everyone can participate.

Efficiency
The training program will be managed by dedicated project management professionals who stand ready to support, manage and guide beyond the training programs. To make the training programs as effective as possible, we work from a desire to create a deep understanding of your organisation and culture.

Program Audience

e-learning programs designed to bridge skill gap between university and market industry

Student Development Programs

The e-learning courses designed to provide students with real-time experience on a wide range of cybersecurity and data privacy concepts to help them familiarize with industry-standard methodologies from anywhere using their laptop, phone, tablets etc. The following are the key benefits:

- Courses based on live industry cases from industry practitioners of E Com Security Solutions

- Professional certification by E Com Security Academy

- Improving the Job prospects of students for global career

Faculty Development Programs

The e-learning courses offers a chance for teachers to advance their skills, and pass it on to their students for which they can get worldwide recognition. Teachers are the biggest influence on students. The Faculty Development Program currently focuses on building following capabilities:

- Governance, Risk, and Compliance (GRC) in multinational organizations

- Global Laws and Regulations

- Understand different cyber threats and vulnerabilities

- Cyber security code of ethics, personnel security, threat modeling, and security in contracts

- Best practices and procedures for managing privacy, security, and risk

- Risk management concepts and strategies of effective vendor risk management
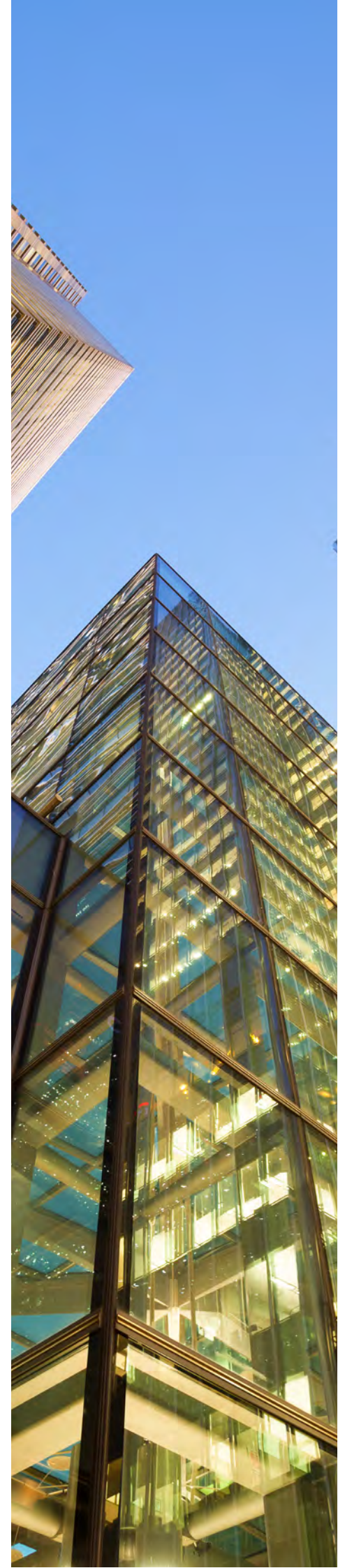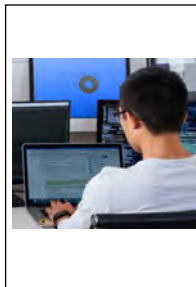
Training demos

watch videos to learn about methods and techniques used in the e-learning courses
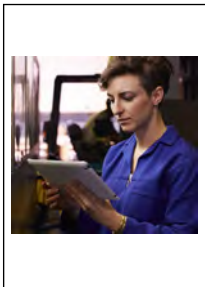
Real-life scenerio demo: Social engineering

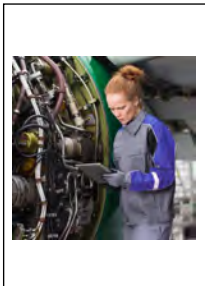Training demonstration on how cyber criminals gain trust to steal personal information.

Watch Video >>

Training demo: Cyber security - best practices

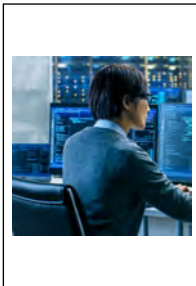Training demonstration on best practices for computer security.

Watch Video >>

Real-life scenerio demo: Remote access security risks

Training demonstration on general security risks working remotely.

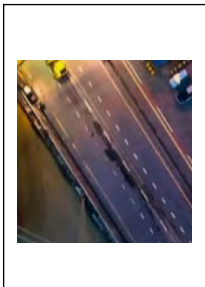**Watch Video >>**

Training demo: Computer and hardware policies

Training demonstration on security policies related to computer and other hardware.

Watch Video >>

Real-life scenerio demo: Email Phishing

Training demonstration on phishing scenerio to steal personal information.

Watch Video >>

Training demo: Security and Digital collaboration

Trainng demonstration on secure collaboration using digital tools.

Watch Video >>

Training demo: Privacy Considerations

Training demonstration on privacy concerns to organizations.

Watch Video >>

Training demo: Disaster Recovery

Traing demonstration on disaster recovery and business continuity.

Watch Video >>

Innovate Learning

We work collaboratively with our network of partners to design creative and executable solutions that contribute to the achievement of the Sustainable Development Goals (SDGs). To this end, we can draw on decades of experience serving both the public sector and commercial enterprises, while utilising the breadth and depth of world-class capabilities that E Com Security Solutions have to offer.

Contact us

Read more on our website: www.ecomsecurity.academy

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E COM SECURITY® ACADEMY

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About E Com Security Solutions
E Com Security Solutions is a big 4 cyber security firm, with over 4000 clientele world-wide across 20 industries and in over 150 countries. E Com Security Solutions' provide Compliance, Application Security, Infrastructure security and advisory services through the cloud, managed security services and software that help clients protect their most important assets from evolving cyber threats. As the global professional services and consulting network, with over 300 security consultants world wide, E Com Security Solutions brings world-class capabilities and high-quality service to clients, delivering the insights they need to address their most complex business challenges.

About E Com Security Academy
E Com Security Academy is the wholly owned subsidiary of E Com Security Solutions, and is an on demand 24/7 e-learning platform for cyber Security, ethics, data privacy and regulatory training courses for members to develop and embed a mature cyber security culture within organization. At E Com Security Academy, our passion is to help find the best ways to extend your professional knowledge. We are always developing new and improved learning solutions for individual learners and the wider corporate audience. The course content is designed and delivered by niche cyber security experts and instructors of E Com Security Solutions for all levels within the organization including C-suite.