

The ISEC logo consists of the letters 'I', 'S', 'E', and 'C' in a bold, red, sans-serif font. The letters are contained within a large, light blue circle with a dark blue border. The background of the entire graphic is a collage of light blue and yellow hexagonal shapes, some containing icons like a person in a lab coat, a microscope, a bandage, and a padlock. On the left side, there are three circular inset images: the top one shows a person standing on a large, complex geometric pattern; the middle one shows a person's hand holding a red smartphone; the bottom one shows a person in a hoodie sitting at a desk with multiple computer monitors.

ISEC

INFORMATION SECURITY ESSENTIALS CERTIFICATION



Every Saturday | 9:00 am - 4:30 pm
26 Feb 2022 - 9 Apr 2022*

*The organizer reserves the right to change topics, schedules
and other details as needed.

WHAT IS THE PROGRAM ALL ABOUT

DESCRIPTION

PCS ISEC Program is one of the most unique courses designed for Information Security Certification. It puts major emphasis on practicality and immediate “implementability”. It is not only made available for long-time practitioners in the industry but most especially it is designed and packaged for those who will be the focal person for any institution for this discipline. The program took a strong consideration the participants’ budgetary and time restrictions including limited experience and exposure without sacrificing the true essence of the purpose of the certification. Even with these considerations, the program covers in great details the information security concepts and industry best practices of the Eight (8) Domains of the Common Body of Knowledge. The participants can gain knowledge in information security that increases their ability to successfully implement and manage security programs for any organization with similar concerns.

WHO IS THIS COURSE FOR

- It is most applicable for candidates looking to jumpstart their careers in Information Security primarily to help and be part of any institution that has major concern in the protection of their most valuable asset - “DATA”.
- It is very appropriate for personnel who occupies a sensitive post or management role in offices that handles personal information, trade secrets or management information systems.
- It is also applicable for students who would like to have an added valuable credential in information security from a reputable institution like the Philippine Computer Society as they move up from the academic sector to the private or public sector.
- It is most critical for faculty members whose courses that they teach evolve around Data Privacy or Information Security.

WHAT YOU'LL LEARN

After successfully completing this course, the participants shall be able to completely learn, understand and implement the Four (4) Domains of PCS ISEC Program:

- Foundational Concepts
- Governance and Operational Continuity
- Risk Assessment and Incident Response
- Network, Data, Secure Systems and Physical Security

ORGANIZERS

The Philippine Computer Society is supported by Globe Business in partnership with PHCERT/CC. Globe Business is a provider of holistic suite of Cybersecurity solutions to protect your business from threats while PHCERT/CC is a non-profit aggregation of Information Security Professionals providing Technical and Policy Advisory Services Pro Bono Publico.

PCS, Globe Business and PHCERT/CC have teamed-up to jointly facilitate the course along with leading industry experts and experienced professionals in various disciplines of Information Technology and Security. The partnership complete the InfoSec eco-system of professional practitioners, services and appropriate technology, giving an MSME a solid support group it can rely on.



CLUSTERS - THE FOUR HORSEMEN OF INFOSEC

I. FOUNDATIONAL CONCEPTS

- Essential Security Concepts
- Access Control
- Access Control Technologies
- Access Control Models
- Attacker Profile
- Authentication Methods
- Memory and Permanence
- Security Models
- Essential Cryptographic Concepts
- Types of Cryptography
- Cryptographic Attacks
- Implementing Cryptography

II. GOVERNANCE AND OPERATIONAL CONTINUITY

- Legal and Regulatory
- Security and Third Parties
- Ethics
- Information Security Governance
- Administrative Security
- Asset Management
- Continuity of Operations
- BCP and DRP
- BCP/DRP Development
- Backups and Availability
- DRP Testing, Training and Awareness
- BCP/DRP Systems Maintenance
- BCP/DRP Frameworks

III. RISK ASSESSMENT AND INCIDENT RESPONSE

- Risk Analysis
- System Vulnerabilities, Threats and Countermeasures
- Assessing Access Controls
- Software Testing Methods
- Assessing Software Security Effectiveness
- Forensics
- Incident Response Management
- Operational, Preventive and Detective Controls

IV. NETWORK, DATA, SECURE SYSTEMS AND PHYSICAL SECURITY

- Communication and Network Security
- Data Classification
- Ownership
- Data Destruction
- Data Security Controls
- Designing Secure Systems
- Designing Secure Hardware Architecture
- Secure Operating System and Architecture
- Virtualization and Distributed Computing
- Perimeter Defense
- Site Selection, Design and Configuration
- System Defenses
- Environmental Controls

ISEC

46 topics
33 hours



PHILIPPINE COMPUTER SOCIETY



Globe
BUSINESS



Philippine Computer
Emergency Response Team
Coordinating Center

BE AN INFORMATION SECURITY ESSENTIAL CERTIFIED SCHOLAR!

- ▶ Subscribe to Globe Business ADPRIMAS and get one (1) slot to the **PCS x Globe Business ISEC Program**, worth P40K for **FREE**, *plus* enjoy ADPRIMAS onboarding training!
- ▶ Bring an MSME friend (referral)! MSME clients that subscribe can nominate (1) MSME contact* to attend the training (equivalent to one (1) slot worth P40k).
- ▶ Must be a bona fide PCS member.

Sign up now at

https://go.mybusinessacademy.ph/isec_pcssignup

**MSME contact must be a registered MSME business; nomination will be via a separate form (to be sent by the account manager); subject to Globe Business' approval.*

