# CYBERPRO CYBER SECURITY PROFESSIONAL TRACK

ASIA PACIFIC COLLEGE

CYBERPRO GLOBAL

IPV NETWORK

# ARE YOU PREPARED TO PREVENT CYBER CRIME ATTACKS?

If you are not sure, don't worry. Majority of Filipino companies are also unsure.

**ASIA PACIFIC COLLEGE CAN HELP YOU!**

# CYBERPRO CYBER SECURITY PROFESSIONAL TRACK

Asia Pacific College, in partnership with Cyberpo and IPV Network, offers a professional cybersecurity program for managers to help organizations like yours upskill and certify your employees and security teams. The training will have participants engaged in video lessons and simulations using case studies from Cyberpro's cyber labs.

## Cyber Security Awareness for Managers

Understand the cyber security field and mitigations in the global and Philippine industry contexts.

TBA

## Cyber Risk for Managers

Formulate policies, make decisions, and report on risk for compliance.

March 21 – June 3, 2022

## Social Engineering

Explore the tools and techniques used in the beginning of mitigation. Most attacks will leverage psychological principles and begins with compromising a user, especially those working from home.

TBA

**COMPLETION OF A COURSE MAY BE CREDITED TO UNITS IN AN APC GRADUATE COURSE.**

# CYBER SECURITY AWARENESS FOR MANAGERS

# SYLLABUS - SECURITY AWARENESS FOR MANAGERS

## Chapter 1 – Introduction to Cyber

- Terminology and basic concepts of cyber
- Definitions
- Why should you care about cybersecurity defense?
- Awareness training

## Chapter 2 – Information Security in the Organization

- Security roles in the organization
- Threats and Risks
- Information Security Strategy and Metrics
- Information Security Governance and Management
- Security Controls

## Chapter 3 – Introduction to Malware

- Types of malware
- Email attachments and links
- Mitigating the effects of malware

## Chapter 4 – Networks Overview

- What is a network?
- The OSI definition
- The TCP/IP networks
- Cryptography
- Secure messaging
- PKI and digital certificates

## Chapter 5 – Surfing the Web

- What is web browsing?
- The HTTP protocol and cookies
- DNS
- Passwords
- Safe browsing
- How to become anonymous

## Chapter 6 – Social Engineering

- What is social engineering (SE)?
- The 6 principles of Cialdini
- The social engineering methods
- Mitigation

# CYBER RISK MANAGEMENT

# SYLLABUS – CYBER RISK MANAGEMENT

**Chapter 1 – Introduction to Cyber Security**
- Basic concepts
- Definitions
- Threats
- Defense and Risk
- Awareness training – CYWARENESS
- Case Studies

**Chapter 2 – Governance**
- Case Studies
- Basic concepts in Information Security Governance
- Roles and Responsibilities
- Information Security Strategy and Metrics
- Resources and Constraints
- Security Controls

**Chapter 3 – Risk**
- Risk Fundamentals and Basic concepts
- Risk Assessment and Risk Analysis
- Risk Management Strategy
- Implementation
- Risk Treatment

**Chapter 4 – Compliance**
- Basic concepts
- Popular Frameworks and Standards
- Overlapping requirements
- Strategies for compliance

**Chapter 5 – Introduction to SDL**
- Basic concepts of SDL
- Secure Development Process
- OSWAP Top 10
- Agile Development

# SOCIAL ENGINEERING

# SYLLABUS – SOCIAL ENGINEERING

**Chapter 1 – Introduction to Social Engineering**
- Overview
- Technology
- History
- Use cases
- Attack vectors
- Attack frameworks
- Legal issues

**Chapter 2 – Psychology & Behavior**
- Elements of behavior
- Neuro Linguistic Programming (NLP)
- Influencing & Elicitation
- Berlo's communication model
- Cialdini's principles of persuasion

**Chapter 3 – Intelligence & Reconnaissance**
- Anonymity and TOR
- Recon resources and tools
- Information gathering
- Dumpster diving and physical recon
- Google dorks
- Maltego, IRecon-ng, TheHarvester

**Chapter 4 – Attacks & Exploitation**
- Social Secu rity Code of Eth ics (Chris Hadnagy)
- The SE Attack Cycle model (modified from Mitnick)
- Planning a Physical Penetration Test
- Physical attack techniques and tools
- The Social Engineering Toolset (SET)
- Body Language

**Chapter 5 – Defense**
- Where to protect against SE attacks
- Case Studies
- NIST Security Framev11ork
- Protecting against Ciald ini's principles of Influence
- Administrative controls

# HOW TO ENROLL

## Learning Sessions

**SYNCHRONOUS**
2 hours, every Monday and Thursday
6PM - 8PM

## Training Period

**COURSE 2**: Cyber Risk Management
March 21 – June 3, 2022

## Enroll now!

https://admissions.apc.edu.ph/cyberpro2

# Our Partners

**CYBERPRO GLOBAL**

Cyberpro is a global trailblazer in the development and delivery of hands-on cyber and intelligence training and academic qualification programs. The Cyberpro headquarters is in Tel Aviv, Israel, the center for cybersecurity excellence. Its curriculum covers a wide array of areas in the fields of IT and programming fundamentals, cybersecurity, and intelligence. Their courses are tailored to the particular needs of the trainees and clients and are updated on a constant basis to keep up with the latest dynamics within and between their fields of study.

Cyberpro's programs incorporate the latest technologies to provide trainees with topnotch practical experience to become specialists in their desired field. Through its cutting-edge platforms, such as its next-generation cyber simulator CYWARIA, trainees will immerse into real-life cyber scenarios which will enhance their skills to excellence and push forward their competencies.

*For more information, visit: https://www.cyberpro-global.com.*

**IPV NETWORK**

IPV Network is an integrated cybersecurity consultant that builds personalized cybersecurity plans tailored to a business' future needs. We help financial service institutions prepare, detect, respond and recover along the entire security lifecycle. The company first performs a cyber health review and assessment, followed by the implementation of various technology & managed service solutions in collaboration with trusted partners.

*For more information, visit https://www.ipvnetwork.com.*

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