



الأكاديمية الوطنية للأمن السيبراني  
National Cyber Security Academy



الوكالة الوطنية للأمن السيبراني  
National Cyber Security Agency



# National Cybersecurity Training Program



# **The National Cybersecurity Academy**



## About the Academy



The National Cyber Security Academy is a leading cyber center of excellence affiliated with the National Cyber Security Agency (NCSA). The National Cyber Security Academy offers a wide range of specialized training programs to empower individuals and organizations in Qatar, develop their capabilities, and update their expertise to keep pace with the rapid changes in the cyber environment, which positively reflects on the stability of cyberspace and cybersecurity indicators.



## Program Overview



With the aim of improving Qatar's overall cybersecurity capabilities, the **National Cybersecurity Training Program** aims to establish a long-term upskilling initiative. This program will focus on evaluating and training cyber talent within Qatar, ultimately helping the country achieve its goal of self-sufficiency in cybersecurity.

The **National Cybersecurity Training Program** aims to build a workforce with top cybersecurity skills and make Qatar a global leader in cybersecurity knowledge through teamwork between industry experts and stakeholders at local, regional, and global levels.

The **National Cybersecurity Training Program** is dedicated to comprehensively understanding and mapping the nation's cybersecurity priorities, addressing current and future cyber roles, and providing skills to both public and private sectors. This initiative provides guidance supported by international best practices, global innovation, and frameworks while considering local strategies and needs.

**Qatar's National Cybersecurity Training Program** aims for inclusivity by targeting all citizens, from fresh graduates to professionals, cyber professionals, state agencies, and institutional leaders. It aims to raise awareness, support young adults, reskill the workforce, and empower decision-makers to implement cutting-edge cybersecurity strategies within their institutions.



## | Training Program and Learning Paths

### Cybersecurity Awareness Programs

Cybersecurity Self-Paced Awareness Program (CSAP)

Cyber Security Awareness Workshops (CSAW)

### Career Progression Programs

Cyber StepUp - Fresh Graduates Bootcamp (FGBP)

Cyber StepUp - Cybersecurity Proficiency Program (CSPP)

Cyber Guards - Cybersecurity Specialist Program (CSSP)

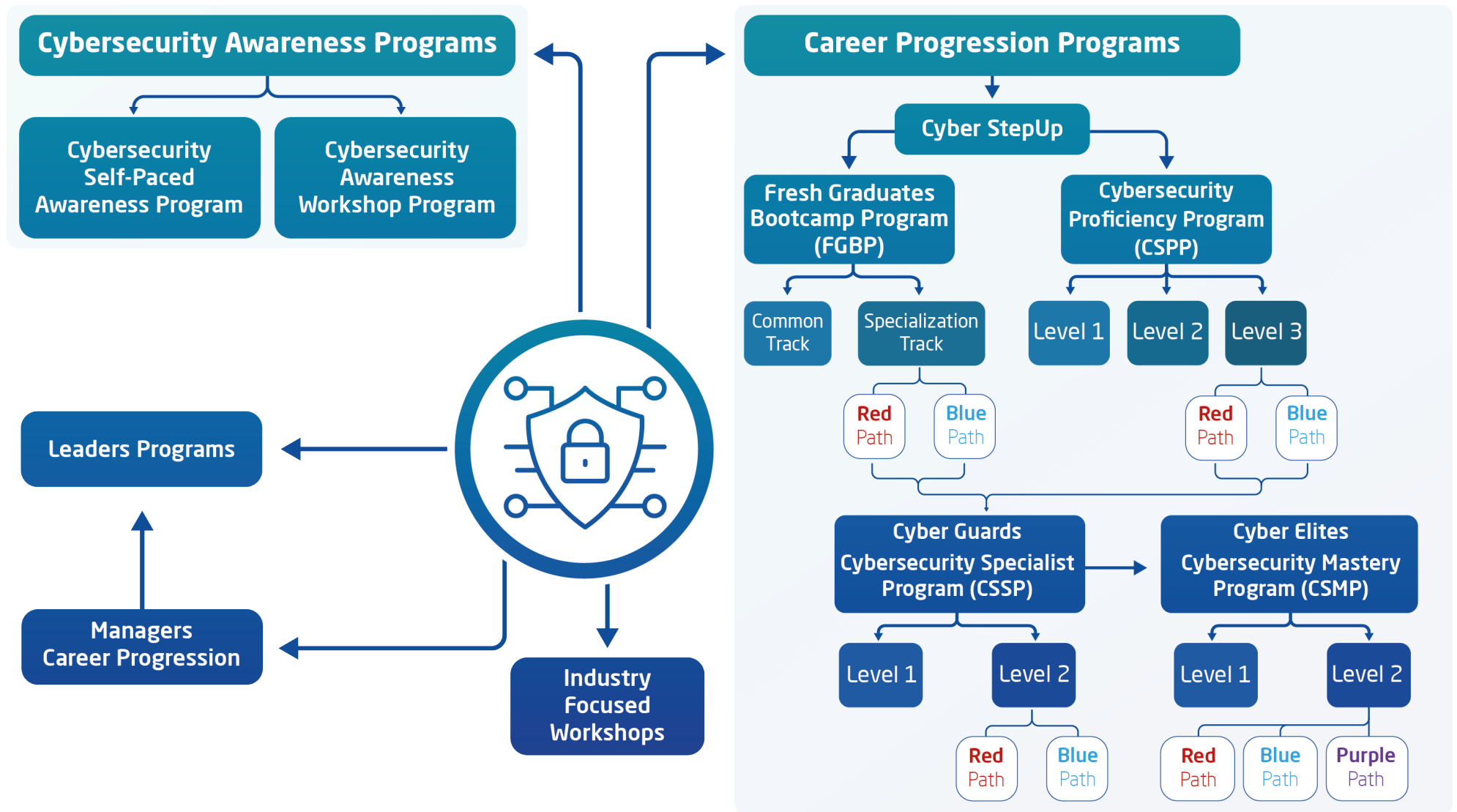
Cyber Elites - Cybersecurity Mastery Program (CSMP)

Industry Focused Workshops

### Managers and Leaders Programs

Managers Program

Leaders Program





# Cybersecurity Awareness Programs





# Cybersecurity Self-Paced Awareness Program (CSAP)

## Overview

25 bilingual animated cybersecurity awareness videos and one final assessment with certificate of completion. The objective of this program is to empower every employee with a valuable amount of information related to cybersecurity and its related best practices.



### Training Days

Self-Paced (Online via LMS)



### Target Audience

This workshop is designed for all staff of state agencies and institutions



### Prerequisites

No prerequisites



### Certificates

Certificate of Completion



# | Program Outline

## Module 1: Cybersecurity Essentials

- Data Privacy
- Internet Laws and Regulations in Qatar
- Cybersecurity Pillars
- Digital Footprint Management

## Module 2: Threat Awareness and Daily Practices

- Internet Browsing
- Phishing
- Social Media and Artificial Intelligence
- Password Management
- Tips While Traveling
- Workplace Security
- Remote Work
- Physical Security
- Incident Reporting

## Module 3: Advanced Threat Landscape and Response

- Advanced Threats
- Internal Threats
- Phishing and Spear Phishing
- Social Engineering
- Ransomware Attacks
- AI and Malware
- IoT Security
- Defense in Depth Strategy

## Module 4: Emerging Concerns and Future Technologies

- Identity Theft
- Sensitive Information Handling
- Artificial Intelligence and Deep Fakes
- Voice Cloning

# Cybersecurity Awareness Workshops (CSAW)

## Overview

Instructor-led training workshop (available in 4-hour or 2-hour on-demand formats) covering essential cybersecurity tools, the latest threat landscape, and industry best practices. The main objective of these workshops is to ensure that trainees, regardless of their technical proficiency or job role, gain a comprehensive understanding of essential cybersecurity practices and their significance in the workplace and recognize and deal with potential threats.



### Training Days

Training duration varies, ranging from 1 day to 2 days



### Target Audience

This workshop is designed for all staff of state agencies and institutions



### Prerequisites

No prerequisites



### Certificates

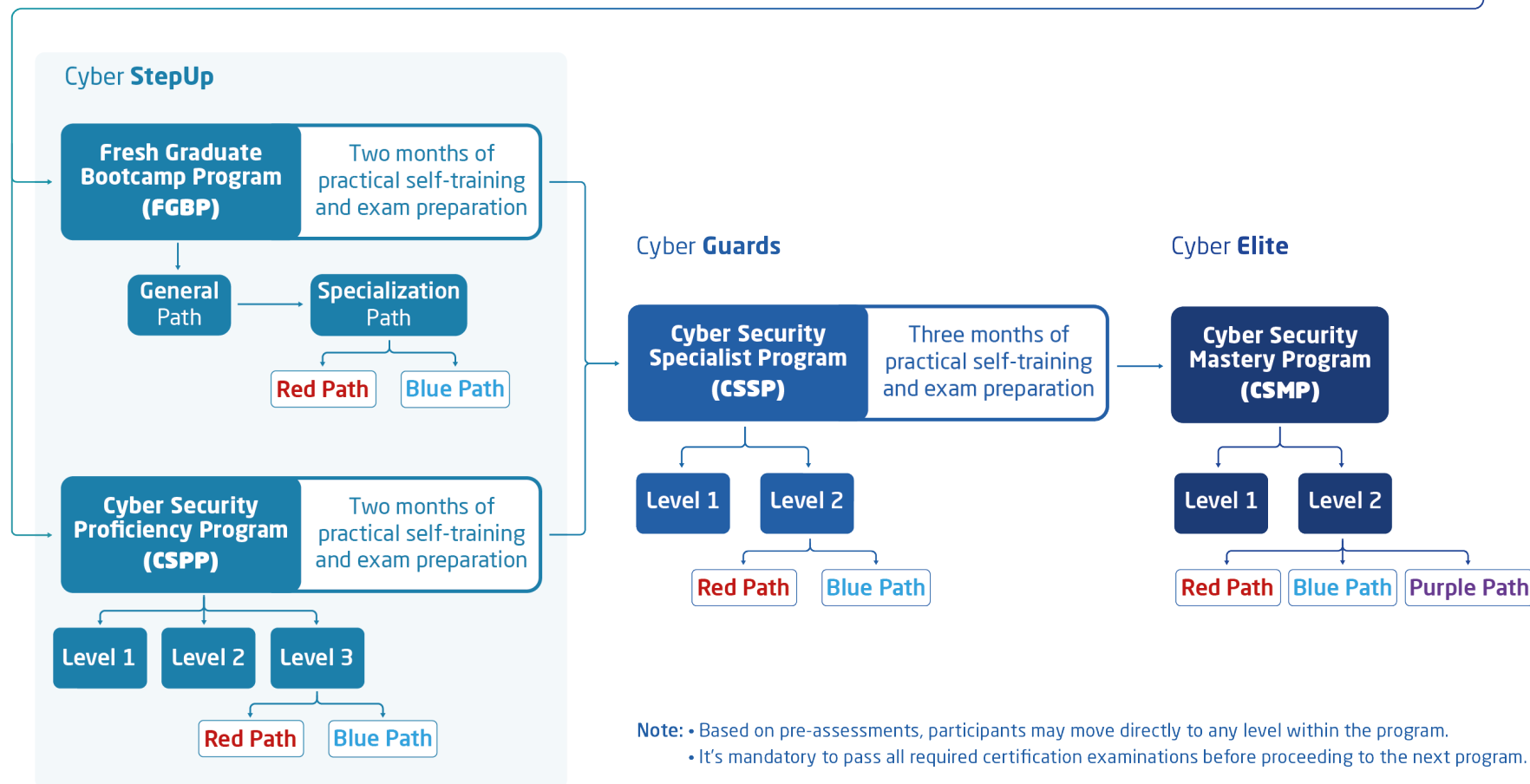
Certificate of Attendance



# Career Progression Programs



## Career Progression Programs



# Cyber StepUp | Fresh Graduates Bootcamp Program (FGBP)

## Overview

The Fresh Graduates Bootcamp allows practical learning and hands-on activities similar to what the learner will experience in the workplace.



### Training Days

38 days (over a span of 3-4 months)



### Target Audience

University Fresh Graduates



### Prerequisites

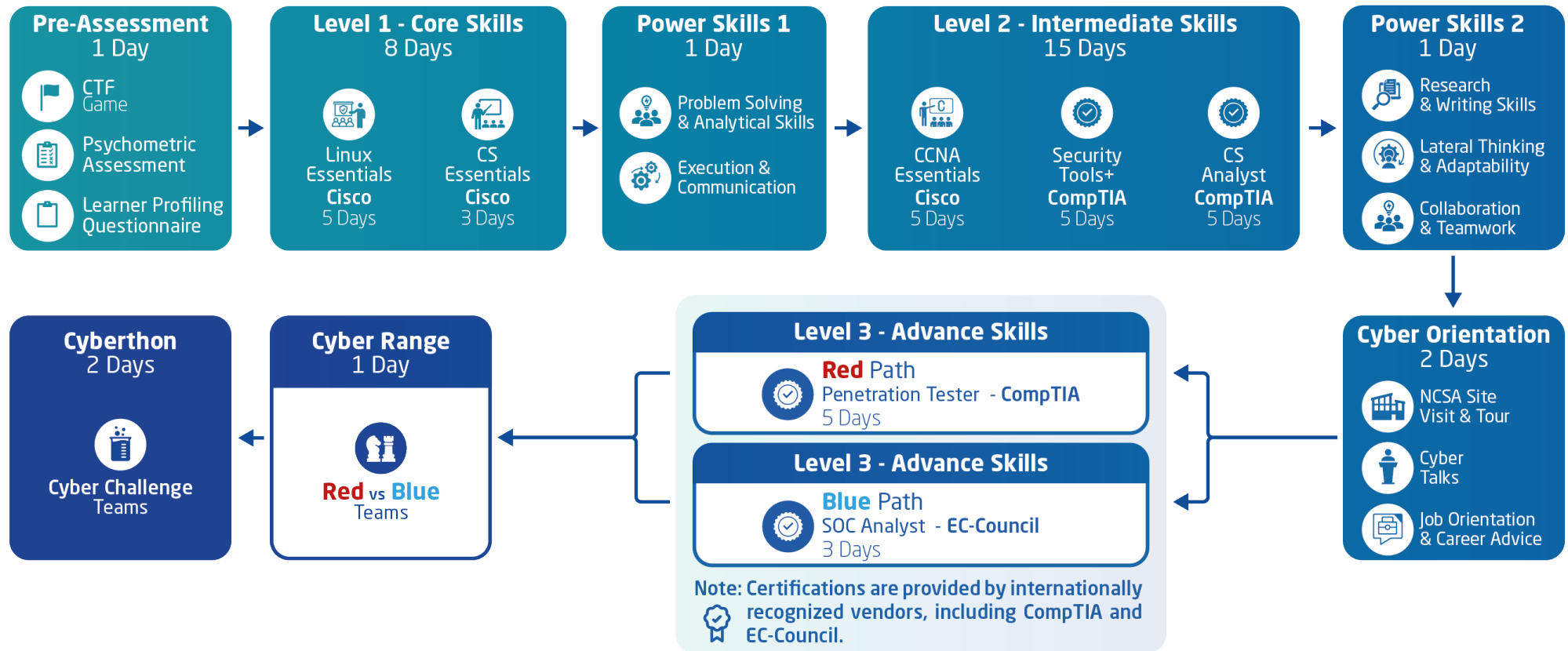
- IT/ Cybersecurity domain graduates
- Employed with less than one year experience in IT or Cybersecurity



### Certificates

- Program Completion Certificate
- Internationally recognized certificates:
  - CompTIA - Security+
  - CompTIA - CySA+
  - Red Path:
    - CompTIA - Pentest+
  - Blue Path:
    - EC-Council - CSA

## Fresh Graduate Bootcamp Program Learning Path



# Cyber StepUp | Cybersecurity Proficiency Program (CSPP)

## Overview

This program is designed for professionals who have just stepped into the cybersecurity domain to gain the required core skills in cybersecurity and start their careers with confidence through three (3) levels.



### Training Days

- **CSPP L1:** 8 Days
- **CSPP L2:** 10 Days
- **CSPP L3:**
  - **Red** Path: 11 Days
  - **Blue** Path: 9 Days



### Target Audience

Employees looking to step into the cybersecurity career path



### Prerequisites

- Basic IT/ Cybersecurity skills
- More than 1 year of employment

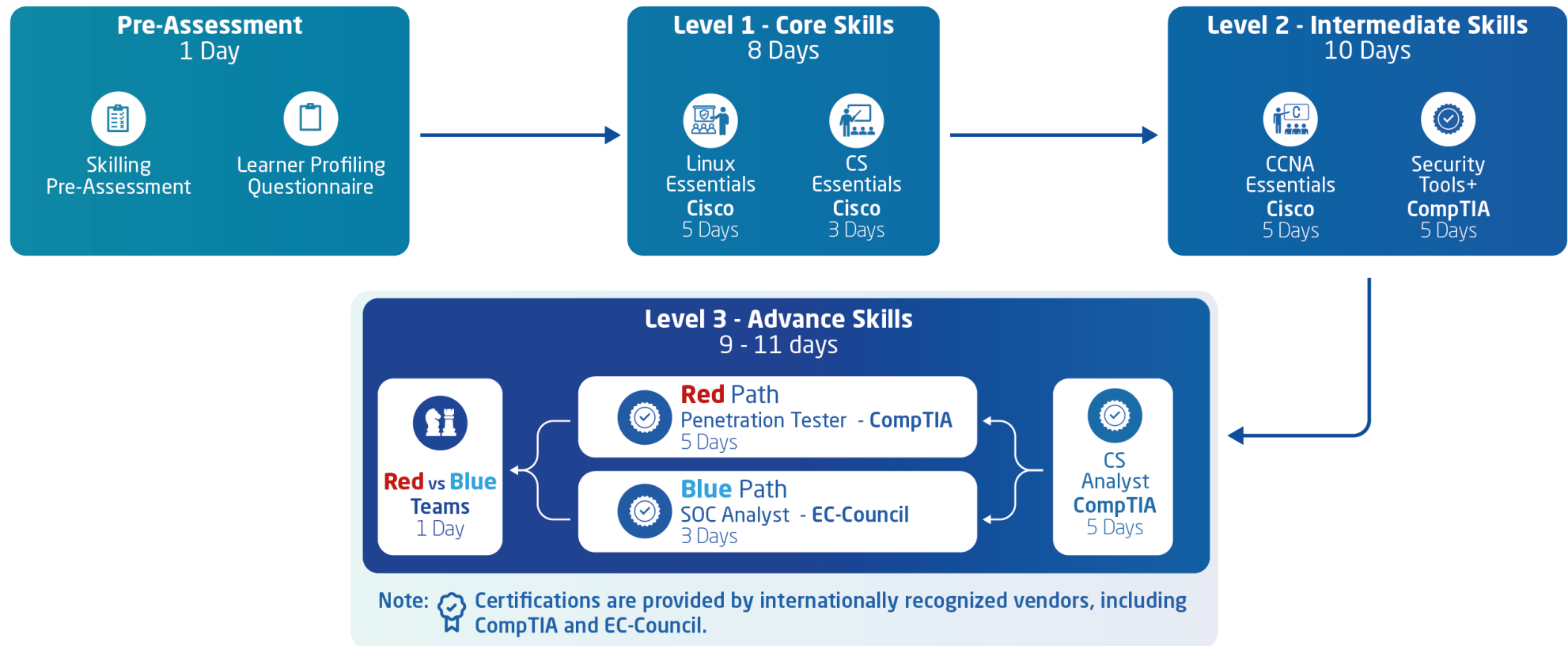


### Certificates

- Program Completion Certificate
- Internationally recognized certificates:
  - CompTIA - Security+
  - CompTIA - CYSA+
  - Red** Path:
    - CompTIA - Pentest+
  - Blue** Path:
    - EC-Council - CSA



# Cybersecurity Proficiency Program Learning Path



# Cyber Guards | Cybersecurity Specialist Program (CSSP)

## Overview

This program is designed for professionals who have completed the proficiency level or the fresh graduate bootcamp to upskill their expertise in cybersecurity topics through two levels.



### Training Days

- **CSSP L1:** 6 Days
- **CSSP L2:**
  - **Red** Path: 7 Days
  - **Blue** Path: 10 Days



### Target Audience

- Fresh graduates who completed the Fresh Graduate Bootcamp Program (FGBP)
- Employees who completed the Proficiency Program (CSPP)
- Employees with more than 2 years experience who comply with the pre-requisites



### Prerequisites

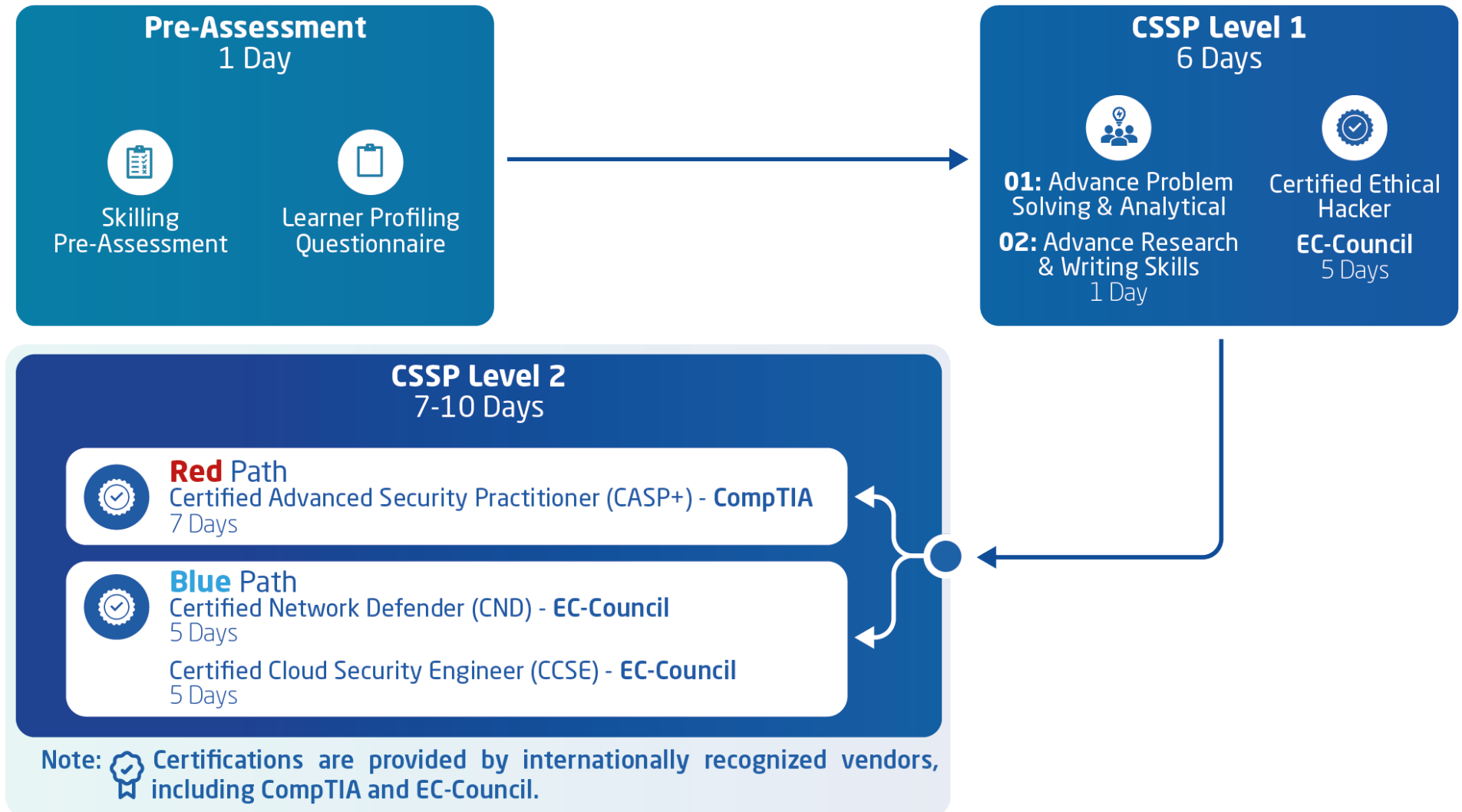
- Proficiency in:
  - Linux Essentials
  - Cybersecurity Essentials
  - Networking - Cisco CCNA Essentials
- Certificates (or equivalent):
  - CompTIA - Security+
  - CompTIA - CySA+
  - CompTIA - Pentest+
  - EC-Council - CSA



### Certificates

- Program Completion Certificate
- Internationally recognized certificates:
  - EC-Council - CEH**Red Path:**
  - CompTIA - CASP+**Blue Path:**
  - EC-Council - CND
  - EC-Council - CCSE

## Cybersecurity Specialist Program Learning Path



# Cyber Elites | Cybersecurity Mastery Program (CSMP)

## Overview

This program is designed for the professionals who have completed their Cybersecurity specialist level or those who completed the necessary certifications and comply with the prerequisites, to upskill their experience and expertise in cybersecurity topics through two levels.



### Training Days

- **CSMP L1:** 9 Training Days
- **CSMP L2:**
  - **Red** Path: 10 Days
  - **Blue** Path: 10 Days
  - **Purple** Path: 10 Days



### Target Audience

Individuals who have either completed the CSSP Specialist Program or possess the necessary certifications.



### Prerequisites

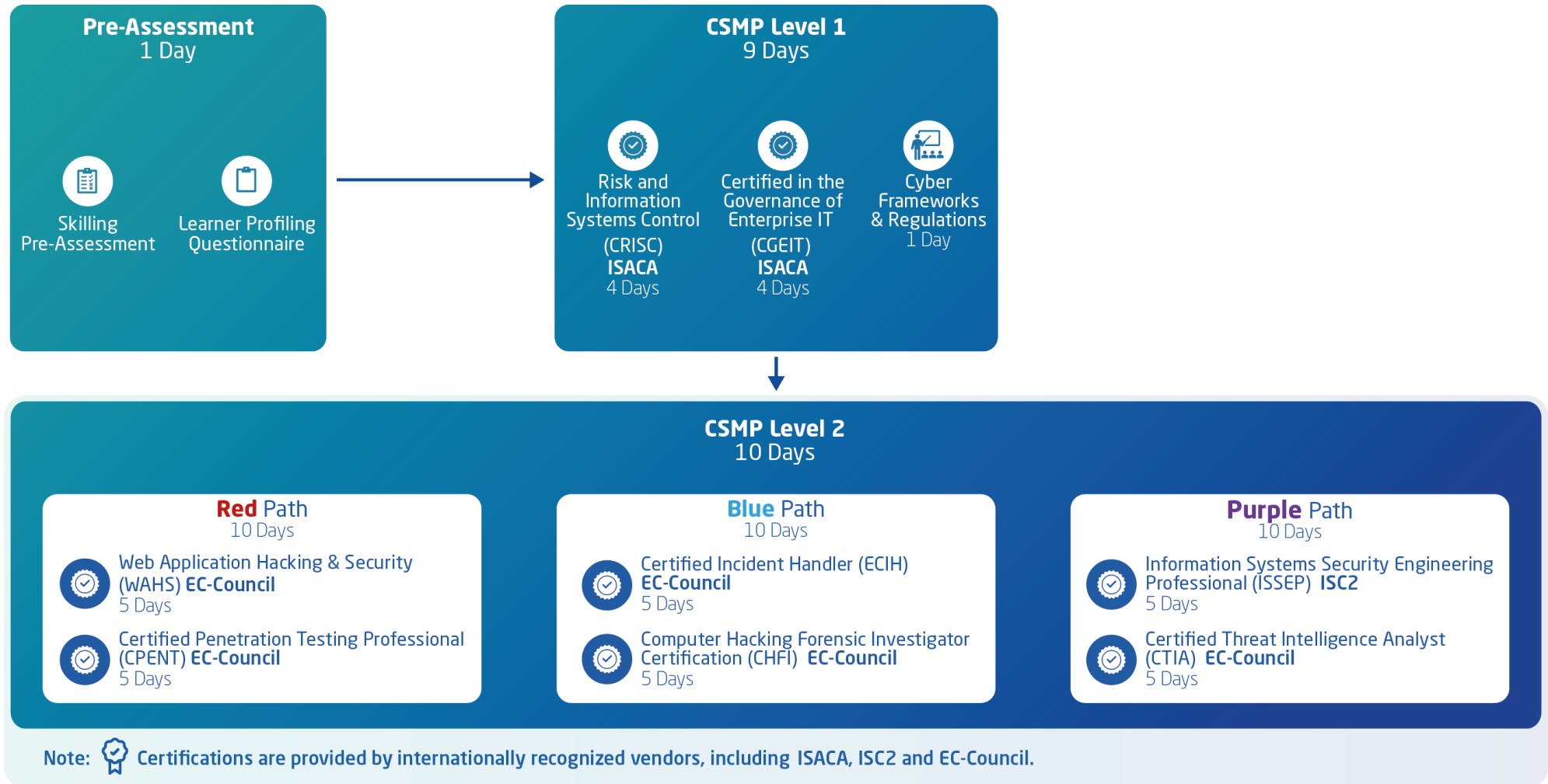
- Certificates (or equivalent):
  - EC Council - CEH Advance
- **Red** Path:
  - CompTIA - CASP+
- **Blue** Path:
  - EC-Council - CND
  - EC-Council - CCSE



### Certificates

- Program Completion Certificate
- Internationally recognized certificates:
  - ISACA - CRISC
  - ISACA - CGEIT
- **Red** Path:
  - EC-Council - WAHS
  - EC-Council - CPENT
- **Blue** Path:
  - EC-Council - ECIH
  - EC-Council - CHFI
- **Purple** Path:
  - ISC2 - ISSEP
  - EC-Council - CTIA

## Cyber Elites Program Learning Path



# Cybersecurity Industry Focused Workshops

## Overview

The workshop will focus on current events and insights across various industries. It is designed to educate participants on potential cyber threats, best practices for protecting sensitive information, and effective response strategies – all tailored to the specific needs of each industry.



### Training Days

Training duration ranges from 1 to 5 days



### Target Audience

Senior employees other than managers



### Prerequisites

No prerequisites



### Certificates

Certificate of Attendance



# Managers and Leaders Programs





# Managers Program

## Overview

This program targets cybersecurity / IT managers and team leaders, providing them with guidelines, processes, and procedures to lead a team to reach their goals. This training program enables managers and department heads to make sound decisions, respond quickly to incidents and provide exemplary models for cybersecurity vigilance in the organization.



### Training Days

16 Days (Over a span of 2 months)



### Target Audience

Senior Management -  
Managers/ Team Leaders/  
Heads of Departments



### Prerequisites

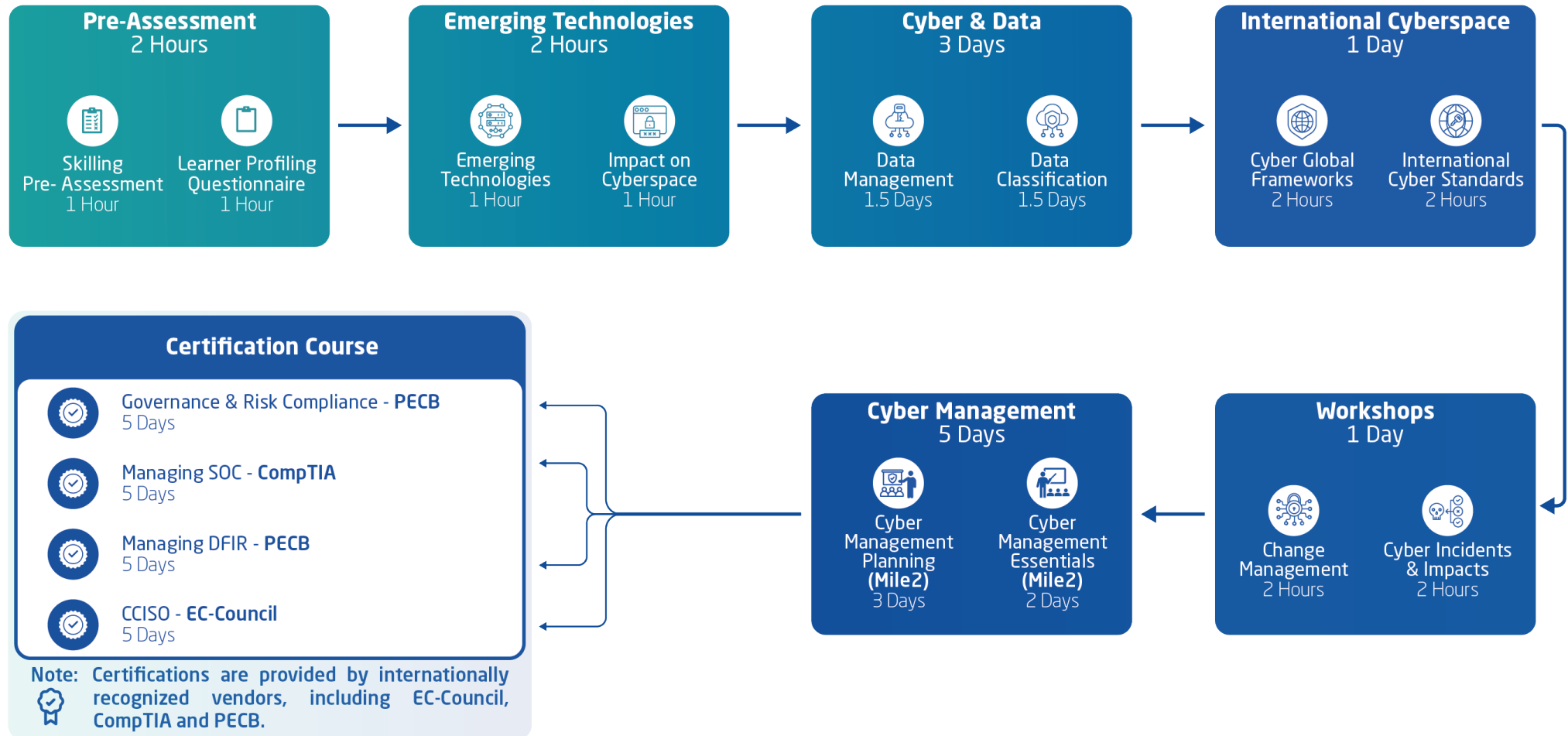
No prerequisites



### Certificates

- Certificate of Completion
- One of the below Specialty Certifications:
  - PECB - Governance and Risk Compliance
  - CompTIA - Managing SOC
  - PECB - Managing DFIR
  - EC-Council - CCISO

## Managers Program Learning Path



# Leaders Program

## Overview

This program targets leaders, providing them with guidelines, processes, and procedures to lead a team to reach their goals. This training program is designed for executives and is focused on cybersecurity global frameworks, emerging technologies, cybersecurity incidents and human resource management.



### Training Days

2 Days



### Target Audience

Senior Leadership - C-Level/  
Executives



### Prerequisites

No prerequisites



### Certificates

Certificate of Completion

# Leaders Program Learning Path

## Day 1

### Cyber Overview 1 Hour



Global National  
Landscape of  
Cyberspace



Cyber  
Global  
Frameworks

### Cyber Strategy 1 Hour 45 minutes



National  
Strategy  
Overview



International  
Cyber  
Standards



Cyber Incident  
Response  
Planning

### Workshop 1 Hour 30 minutes



Cyber  
Competency  
Framework



Cyber Human  
Resource  
Management

## Day 2

### Cyber Scenario Simulation 1 Hour



Cyber  
Range  
Simulation

### Response Planning 45 minutes



Planning for Microsoft  
Zero Trust and  
Landing Zones

### Emerging Technologies 2 Hours



Emerging  
Technologies



Impact on  
Cyberspace



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