



**DEVELOPING WORKFORCES THROUGH KNOWLEDGE**

A dimly lit office space with several computer workstations. Each workstation consists of a white desk, a black office chair, and a computer monitor. The room is illuminated by natural light from a large window on the left, which shows a view of greenery. The overall atmosphere is professional and quiet.

**We provide the training programs necessary to upskill our clients' workforces for a strong, sustainable, and balanced growth.**



# ABOUT TAQNIA INSTITUTE

**Taqnia Institute offers a wide variety of technology- and cybersecurity-focused training and awareness programs that are designed to leverage your workforce's talents to meet your organizational goals, achieve sustainable growth and elevate national competencies.**

**These programs range from internationally accredited ones to innovative new approaches tailored to fulfill the specific needs and requirements of your organization.**



## What Taqnia Institute Offers:

Our training and awareness programs designed to take your workforce to the next level.

### Training programs



Vendor Certifications  
Track



Customized Curriculum  
Track



SCyWF سيوف  
Compatible Track

### Awareness programs



Assessment



Cybersecurity Awareness  
Program



Phishing simulations



**We provide the training programs necessary to upskill our clients' workforces for a strong, sustainable, and balanced growth.**

**Our Institute is distinguished by the uniqueness and exclusivity of its content creation capability that is effective in linking theoretical and practical frameworks with hands-on experiences.**

At Taqnia Institute, we continue to invest in the development of our content and facilities with the goal of providing an exceptional teaching and learning environment.

### **Taqnia Institute Pillars:**



Elevate competences to protect the national infrastructure



Influence the cyber labor market through distinctive training programs



Build qualitative content enriching local offerings



Facilitate technology transfer and localization

# 1. Training programs:

Built on solid experience, Taqnia Institute evolved into a comprehensive training center offering numerous training tracks. Our interconnected labs provide the trainees with access to contemporary technologies and tools to facilitate their learning journey. Taqnia institute has cultivated innovative content and teaching methods, delivered utilizing cutting-edge technologies, and developed by the most esteemed local and global instructors.

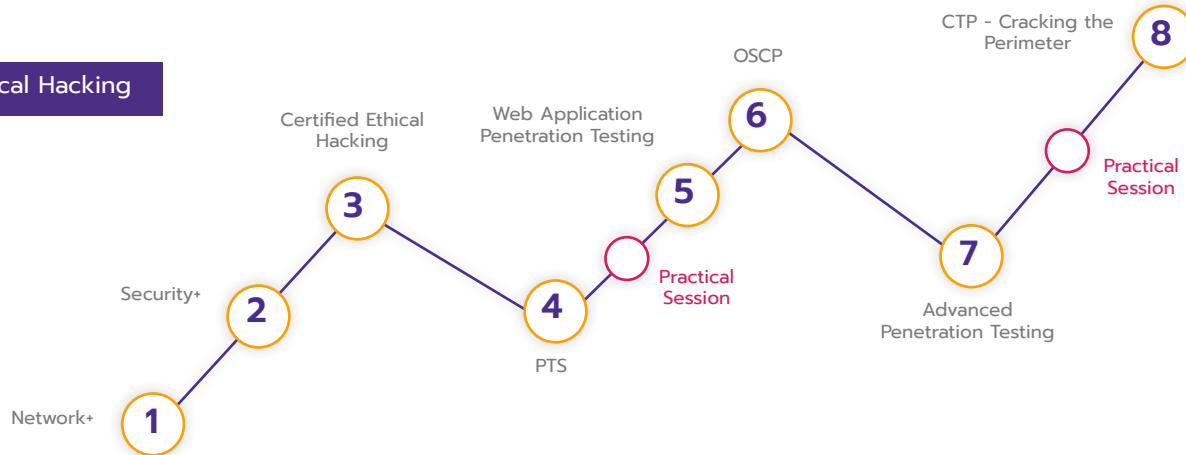
## A. Vendor Certification Track

Taqnia Institute offers professional certification track courses and adopts a comprehensive selection of internationally renowned certificates.



Taqnia Institute providing a specially designed certificate track to fully develop the candidate's competency of the job in which they should cultivate at the workplace.

## Ethical Hacking

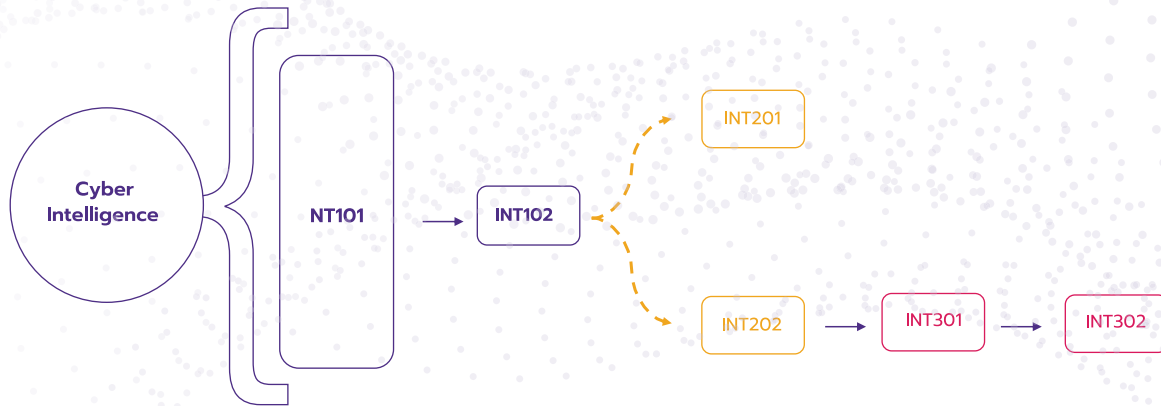


## B. Customized Curriculum Track

Due to the growing varying learning demands in organizations today, Taqnia Institute focused on the development of niche bespoke training programs in cybersecurity. This track is characterized by the uniqueness and exclusivity of its content that is holistic in nature and focuses on linking the strategies of theoretical and applied frameworks with practical reality.

**Training programs falling under this track, include:**

- Defensive Cybersecurity
- Offensive Cybersecurity
- Cyber Intelligence
- Cryptography
- Cyber Governance, Risk and Compliance
- Cyber Incident Response
- Communication



Course Name	Code
Natural Language Processing	INT101
Introduction to Machine Learning	INT102
Data Science for Security Professionals	INT201
Threat Intelligence Analyst	INT202
Cyber Threat Intelligence	INT301
Open-Source Intelligence (OSINT) Gathering and Analysis	INT302

Example of a Customized Curriculum Track in Cyber Intelligence



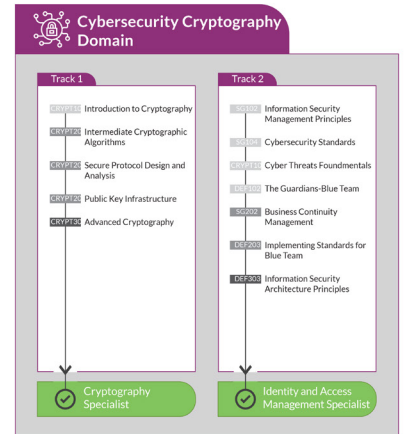
## C. SCyWF سيوف Compatible Track

This track adopts the Saudi Cybersecurity Workforce Framework (SCyWF/سيوف) which was issued by the National Cybersecurity Authority. The aim of this track is to map the training outcomes to the knowledge, skills, and capabilities needed to fulfill cybersecurity job roles in Saudi Arabia.

The SCyWF سيوف program is divided into five domains to serve nineteen job roles segmented into three levels: beginner, intermediate and advanced.

**Aiming to upskill the organization level and support the foundations of The Human Capability Development Program.**

# CYBERSECURITY TRAINING ROADMAP



## SCyWF Compatible Track includes five cybersecurity domains covering various job roles:



### Cybersecurity Defensive Domain

#### Job roles:

- Systems Security Analyst
- Cybersecurity Specialist
- Cybersecurity Defense Analyst
- Cybersecurity Infrastructure Specialist



### Cybersecurity Offensive Domain

#### Job roles:

- Penetration Tester
- Vulnerability Assessment Specialist



### Cybersecurity Cryptography Domain

#### Job roles:

- Cryptography Specialist
- Identity and Access Management Specialist

The SCyWF Compatible Track is associated with the roles and competencies indicated in the SCyWF framework.



### Cybersecurity Incident Response Domain

#### Job roles:

- Malware Reverse Engineering Specialist
- Cybersecurity Incident Responder
- Digital Forensic Specialist
- Threats Intelligence Analyst
- Cyber Crime Investigator



### Cybersecurity Governance, Risk and Compliance Domain

#### Job roles:

- Security Controls Assessor
- Cybersecurity Risk Officer
- Cybersecurity Policy Officer
- Cybersecurity Auditor
- Cybersecurity Compliance Officer

## 2. Awareness Programs:

Our Cybersecurity Awareness Program offers extensive services, that include:

### A. Assessment

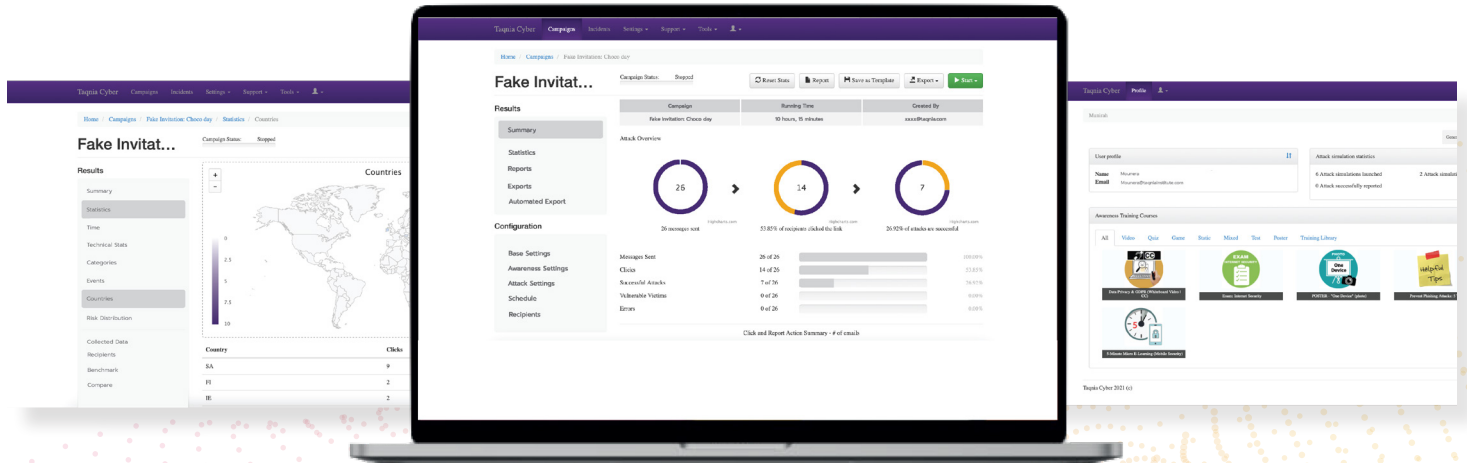
Assessing the effectiveness of the program as well as measuring the knowledge impact by providing a pre and post assessment.

### B. Cybersecurity Awareness Program

Enables the adoption of an awareness culture utilizing resources/content developed by Taqnia Institute faculty. This program walks you through the key elements of establishing a high-impact cybersecurity awareness culture that effectively changes organizational behavior and manages human risk.

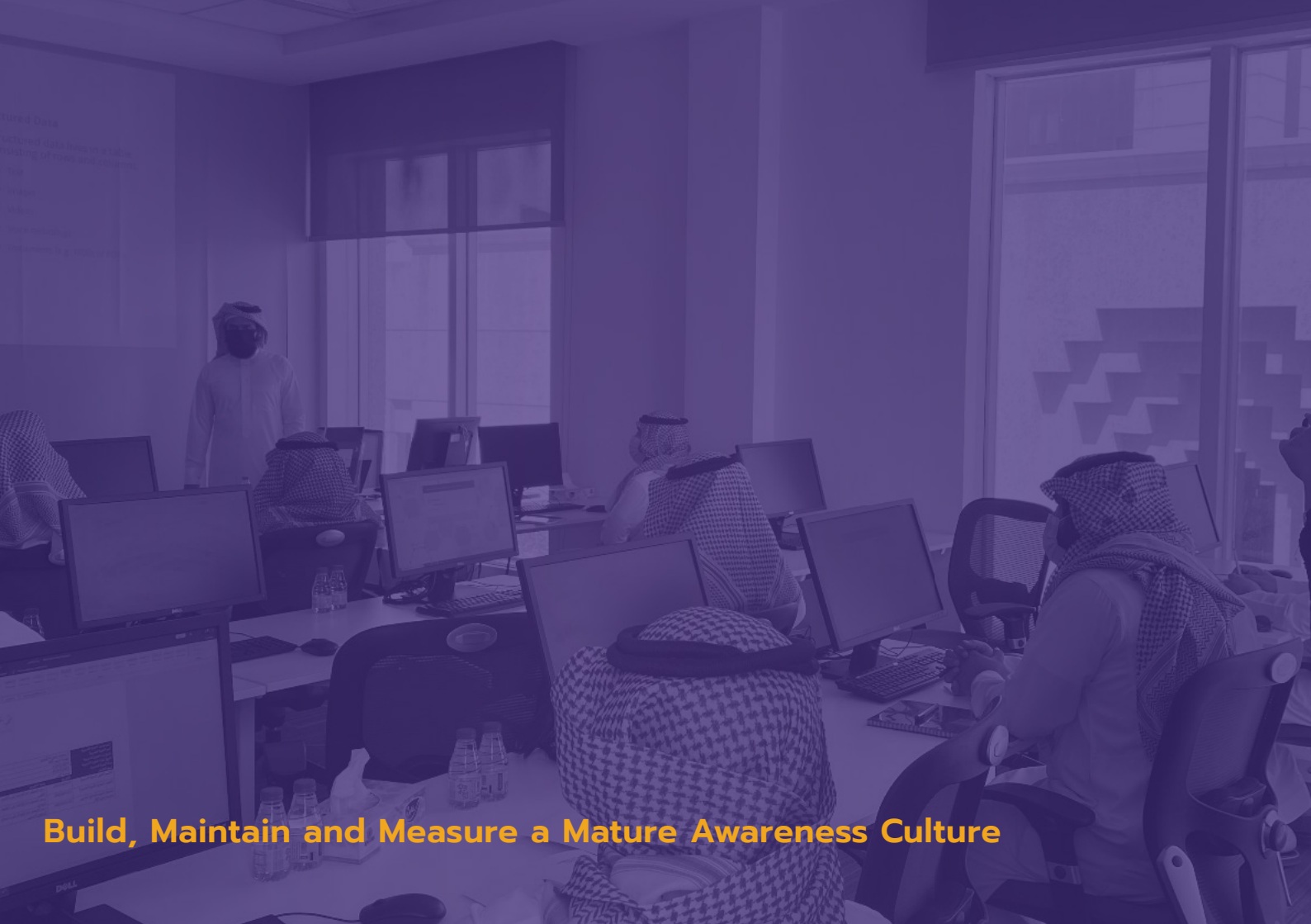
### C. Phishing Simulations

Phishing simulations are an addition to the main awareness process. These simulations help identify the gaps, know the behavioral pattern of users, and build effective awareness content to bridge the knowledge gap.



## Awareness Program Advantages:

- Diverse means of content delivery
- Providing periodic reports and statistics to measure performance
- Use gamification techniques to enhance employee engagement and ensure maximum benefit
- Provide content on the LMS to all employees
- Tailored to the customer's visual identity
- The program included an initial and final assessment to measure the effectiveness of learning



**Build, Maintain and Measure a Mature Awareness Culture**



# Cybersecurity Awareness Execution Program





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