



# Cybersecurity Essential Course

**Learn the Core Aspects of Cyber Protection from Industry Experts**

Course Code: TGS-2023038894 (SCTP) | TGS-2025060534 (Non-SCTP)

## Course Description

Venture into the dynamic domain of cybersecurity with this encompassing course tailored for those keen on mastering the core aspects of digital protection. The **Cybersecurity Essentials course** offers a comprehensive journey from foundational concepts to practical applications, providing trainees with the tools and knowledge to navigate the cybersecurity landscape confidently.

More importantly, the applied learning approach enables the trainees to acquire a foundational understanding of cybersecurity, including mastery of its principles and best practices, familiarity with essential terminology, recognition of professional roles and responsibilities, and the ability to identify and mitigate prevalent security threats.

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@ASK Training is a Private Education Institution (PEI) accredited by the Ministry of Education (MOE) and also a Continuing Education and Training Centre (CETC) accredited by SkillsFuture Singapore (SSG), offering a diverse range of courses from Infocomm Technology (ICT) to Digital Marketing, with up to **90% funding and Career Advisory and Resources Support Programme.**

# Who Should Attend?

This course is suitable for IT professionals, aspiring cybersecurity specialists, tech enthusiasts, small business owners, students, IT support staff, and anyone concerned about digital security.

**Course Duration:** **3 Days**, 9.00 AM - 6.00 PM

**Course Fee:** **From \$114.30** (inclusive of 9% GST)  
after 90% SkillsFuture Funding

**Mode of Delivery:** Face-to-Face Classroom

## Course Objectives

Upon completion of this course, trainees should be able to:

- Acquire a comprehensive understanding of cybersecurity fundamentals, its significance in protecting systems and information, grasp key principles including the CIA Triad, recognise essential terminology, and understand the roles and responsibilities of cybersecurity professionals within an organisation.
- Demonstrate proficiency in recognising prevalent cybersecurity threats, understand the influence of human factors on security, and apply effective mitigation techniques and measures to safeguard against vulnerabilities and cyberattacks.
- Demonstrate ability to apply vulnerability assessment methodologies and tools, implement robust security measures, analyse security logs for anomalies, and recognise the critical role of software maintenance, updates, and patches in sustaining a secure environment.
- Acquire proficiency in utilising industry-standard security tools and understand their practical application in cybersecurity operations.

# Course Outline



## Introduction to Cybersecurity principles and best practices

- Introduction to cybersecurity
- Cyber threats and attacks
- Importance of cybersecurity



## Identifying and Mitigating Common Security Threats

- Common Cybersecurity Threats: Malware, Phishing, Ransomware, Social Engineering
- Cyber Attack Techniques: Social Engineering and Phishing Attacks, Exploits, Trojans, Spoofing
- Malware and Ransomware
- Implementing Security Measures: DDoS attacks and other network-based threats



## Hands-on Activity

- Conducting vulnerability assessments, implementing security measures, and analysing security logs, software maintenance



## Sandbox Software: Security tools and utilities

- Introduction to sandbox environments and their use in cybersecurity
- Gain hands-on experience using cybersecurity tools for network traffic analysis.
- Vulnerability scanning and assessment
- Other useful security tools and utilities commonly used in the industry

## Minimum Entry Requirements

- 1 GCE 'O' level or equivalent; **OR**
- NITEC/Higher NITEC; **OR**
- Mature candidates ( $\geq 30$  years old with 8 years' work experience in an ICT-related field); **OR**
- Candidates with other qualifications will be considered on a case-by-case basis

# Course Fee / Funding Information

**S\$900**  
(exclusive of 9% GST)

## Course Fee After Eligible SSG Subsidies:

From **S\$114.30**

(inclusive of 9% GST) after 90% SSG Subsidies

### Self-Sponsored

Singaporean Citizens  
≥ 40 years old

### Eligible Funding

**90%** SkillsFuture  
Funding

### Nett Fees Payable (Incl. 9% GST)

**S\$114.30** (after SSG  
90% Funding)

Singaporean Citizens,  
PRs or LTVP+ Holders  
≥ 21 years old

**70%** SkillsFuture  
Funding

**S\$294.30** (after SSG  
70% Funding)

**SkillsFuture Credits** can be used on top of existing subsidies

### Company-Sponsored

#### Small-to-Medium Enterprise (SME)

Singaporean Citizens, PRs  
or LTVP+ Holders  
≥ 21 years old

### Eligible Funding

**90%** SkillsFuture  
Funding

### Nett Fees Payable (Incl. 9% GST)

**S\$114.30** (after SSG  
90% Funding)

#### Non-SME

Singaporean Citizens, PRs  
or LTVP+ Holders  
≥ 21 years old

**70%** SkillsFuture  
Funding

**S\$294.30** (after SSG  
70% Funding)

#### Non-SME

Singapore Citizens  
40 years old & above

**90%** SkillsFuture  
Funding

**S\$114.30** (after SSG  
90% Funding)

A SkillsFuture Statement of Attainment (SOA) and Certification of Completion by @ASK Training will be awarded to candidates who have demonstrated competency in the Cybersecurity Essential Assessment and achieved at least 75% attendance.

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Visit our website: <https://asktraining.com.sg/it-courses/cybersecurity-essentials-it-course/>



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