



**4-DAYS**

# **Cybersecurity and Ethical Hacking**



Course Code: TGS-2024046010 (SCTP)  
TGS-2025060540 (Non-SCTP)

## **Learning Outcomes**

- Distinguish the advanced cyber security concepts, including its application and relevance to organisational security architecture.
- Dissect the methodologies for penetration testing and the various phases of the methodology.
- Examine the methodology for incident response and digital forensic.
- Apply the appropriate penetration testing methodology in the prescribed environment.

# COURSE OUTLINE

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## Learning Unit 1: Advanced Cybersecurity Principles and Practices



## Learning Unit 2: Penetration testing and ethical hacking methodologies



## Learning Unit 3: Incident response and forensic analysis



## Hands-on Activity: Hack the Box



### Written Assessments

Candidates are to answer all questions and receive a minimum grade of 50% and above (out of 100%) to demonstrate competencies in Learning Units (LU) 1 to 4.



### Practical Assessments

Candidates are to perform cybersecurity and ethical hacking and receive a minimum grade of 50% and above (out of 100%) to demonstrate competencies in Learning Units (LU) 1 to 4

# IT-TOOLS COVERED



**Same specs as M5 Windows Server 2022 with Hyper V with Kali Box Metasploitable 3**

## COURSE FEES & FUNDING

 Self-Sponsored	Course Fee before Subsidy and GST	Eligible Funding	Nett Fees Payable incl. 9% GST
Singapore Citizens <b>40 years old and above</b>		<b>90%</b> SkillsFuture Funding	<b>S\$152.40</b>
Singaporean Citizens, PRs or LTVP+ Holders ≥ 21 years old	<b>S\$1,200.00</b>	<b>70%</b> SkillsFuture Funding	<b>S\$392.40</b>
 Company- Sponsored	Course Fee before Subsidy and GST	Eligible Funding	Nett Fees Payable incl. 9% GST
Small-to-Medium Enterprise (SME) Singaporean Citizens, PRs or LTVP+ Holders ≥ 21 years old		<b>90%</b> SkillsFuture Funding	<b>S\$152.40</b>
Non-SME Singaporean Citizens, PRs or LTVP+ Holders ≥ 21 years old	<b>S\$1,200.00</b>	<b>70%</b> SkillsFuture Funding	<b>S\$392.40</b>
Non-SME <b>Singapore Citizens</b> 40 years old and above		<b>90%</b> SkillsFuture Funding	<b>S\$152.40</b>