



Advanced Network Administration

Course Code: TGS-2024045997

90% SkillsFuture Funding

Learning Outcomes

- Acquire a holistic understanding of computer hardware, encompassing its definition, significance, identification of core components, and their pivotal role in facilitating user-computer interactions.
- Attain a comprehensive understanding of computer hardware, encompassing the primary roles of essential components like the motherboard, CPU, RAM, and storage devices, as well as familiarity with a variety of user interaction tools and the foundational mechanisms of data transfer via ports and cables.
- Build capabilities for assembling and upgrading a PC, discerning component compatibility during upgrades, and effectively troubleshooting prevalent challenges that arise during the PC building process.
- Articulate the role of BIOS in the boot process, optimise BIOS settings for enhanced system performance, and proficiently diagnose and resolve bootrelated issues and errors.

Course Outline



Learning Unit 1:

Advanced Network Configuration and Administration



Learning Unit 2:Routing and Switching



Learning Unit 3:

Network Security and Advanced Troubleshooting



Learning Unit 4:

Advanced Network Methodology



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 design, implement, and manage a complex network infrastructure and receive a minimum grade of 50% and above (out of 100%) to demonstrate competencies in Learning Units (LU) 1 to 4.

Course Fees & Funding



PROGRAMME FEE AFTER ELIGIBLE SSG SUBSIDIES:

From \$\$215.90

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

Self-Sponsored	Course Fee before Subsidy and GST	Eligible Funding	Nett Fees Payable incl. 9% GST
Singapore Citizens 40 years old and above	S\$1,700.00	90% SkillsFuture Funding	S\$215.90
Singaporean Citizens, PRs or LTVP+ Holders 21 years old and above		70% SkillsFuture Funding	S\$555.90
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	S\$1,700.00	90% SkillsFuture Funding	S\$215.90
Non-SME Singaporean Citizens, PRs or LTVP+ Holders ≥ 21 years old		70% SkillsFuture Funding	S\$555.90
Non-SME Singaporean Citizens ≥ 40 years old		90% SkillsFuture Funding	S\$215.90







8 Jurong Town Hall Road #27-01 The JTC Summit Singapore 609434