



@ASK Training
Attitude | Skills | Knowledge



4-DAYS

Advanced Hardware and Software Troubleshooting

Course Code: TGS-2023040581 (SCTP)
TGS-2025060532 (Non-SCTP)

up to
90%
SkillsFuture
Funding

Learning Outcomes

- Evaluate the significance of advanced troubleshooting techniques, and methodologies for resolving common hardware and software challenges.
- Implement hardware diagnostics and advanced troubleshooting techniques to resolve complex issues in lab simulations.
- Utilise software debugging and conflict resolution by actively applying diagnostic techniques in real-world scenarios.
- Apply advanced diagnostic and prioritisation skills to efficiently tackle complex technical challenges through practical problem-solving methodologies in real-world scenarios.
- Engage in collaborative problem-solving to address complex hardware and software issues, and effectively communicate the troubleshooting process and solutions in real-world scenarios.

Course Outline



Learning Unit 1: **Introduction to Advanced Troubleshooting**



Learning Unit 2: **Advanced Hardware Troubleshooting Techniques**



Learning Unit 3: **Advanced Software Troubleshooting Techniques**



Learning Unit 4: **Diagnosis & Resolution of Complex Technical Problems**



Hands-On Activity: **Troubleshooting in Real-World Scenarios**



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 5.



Practical Assessments

Candidates are to diagnose and resolve complex technical issues and receive a minimum grade of 50% and above (out of 100%) to demonstrate competencies in Learning Units (LU) 1 to 5.

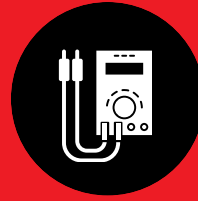
IT-TOOLS COVERED



**Windows 10/11
Virtual Box**



PC System
For disassembly
Multimeter/ Test pen/
System Cleaning Tools



Cable Tester



Same Specs
as M2 & M3 for
certificate module

COURSE FEES & FUNDING



Self-Sponsored

Course Fee before Subsidy and GST

Eligible Funding

Nett Fees Payable incl. 9% GST

Singapore Citizens
40 years old and above

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

S\$1,200.00

90% SkillsFuture
Funding

S\$152.40

70% SkillsFuture
Funding

S\$392.40



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

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

**Non-SME
Singapore Citizens**
40 years old and above

S\$1,200.00

90% SkillsFuture
Funding

S\$152.40

70% SkillsFuture
Funding

S\$392.40

90% SkillsFuture
Funding

S\$152.40



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