



Course Code: TGS-2022017591

## WSQ - Quantum Computing for Beginners

**Funding Available:** WSQ SkillsFuture Credit PSEA UTAP SFEC Absentee Payroll MCES

### COURSE INFORMATION

Sessions  
2 daysDuration  
16 hrsLevel  
BeginnerAssessment  
2 hrs

#### VENUE

12 Woodlands Square #07-85/86/87 Woods Square Tower 1, Singapore 737715. 5 mins walk from Woodlands (NS9) MRT station.

The venue is disabled-friendly.

### WHAT'S THIS COURSE ABOUT

Topic 1: Introduction to Quantum Computing

Key Principles of Quantum Computing

Quantum Computing Platforms

Topic 2: Quantum States and Gates

Quantum State Vector Representations

Quantum Circuits and Quantum Gates

Topic 3: Quantum Algorithms

Coding Quantum Algorithms

Testing Quantum Algorithms

Topic 4: Quantum Computing Applications

Introduction to Quantum Error Correction

Introduction to Quantum Machine Learning

### WSQ FUNDING

Full Fee S\$800.00 Before GST

GST S\$72.00 9% of fee

Baseline Nett S\$472.00 SG/PR age 21+ · 50% funded · incl. GST

MCES / SME Nett S\$312.00 SG age 40+ · 70% funded · incl. GST

## CERTIFICATION

- **Certificate of Completion from Tertiary Infotech** - Upon meeting at least 75% attendance and passing the assessment(s), participants will receive a Certificate of Completion from Tertiary Infotech.
- **OpenCerts from SkillsFuture Singapore** - After passing the assessment(s) and achieving at least 75% attendance, participants will receive an OpenCert (aka Statement of Achievement) from SkillsFuture Singapore, certifying that they have achieved the Competency Standard(s) in the above Skills Framework.

## REGISTRATION

<https://www.tertiarycourses.com.sg/wsq-quantum-computing-for-beginners.html>



SCAN TO REGISTER

## SUPPORT

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