



Course Code: C1101

Quantum Computing and Quantum Safety Specialization

COURSE INFORMATION

Sessions
4 days

Duration
30 hrs

Level
Beginner

Assessment
NA

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: Math Primer for Quantum Computing

Complex Number

Vector Space

Inner Product

Basis Vectors and Orthonormal Basis

Eigenvector and Eigenvalue

Hilbert Space

Unitary Operators and Adjoint Operators

Hermitian Matrices

Matrix Exponentials

Tensor Product and Outer Product

Bra-Ket (Dirac) Notation

Topic 2: Quantum Physics Primer for Quantum Computing

Historical Background of Quantum Mechanics

Wave Particle Duality and Heisenberg's Uncertainty Principle

Matrix Mechanics and Wave Mechanics

Solutions...

COURSE FEE

Full Fee S\$1,600.00 Before GST

GST S\$144.00 9% of fee

Total Payable S\$1,744.00 Including 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.

REGISTRATION

<https://www.tertiarycourses.com.sg/quantum-computing-and-quantum-safety-specialization.html>



SCAN TO REGISTER

SUPPORT

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