

Course Code: **M883**

# Quantum Computing Fundamentals for Beginners

**Funding Available:** HRDF

## COURSE INFORMATION

Sessions  
2 days

Duration  
15 hrs

Level  
Beginner

Assessment  
NA

### VENUE

**Kuala Lumpur:** G-3A-02, Suite Pejabat Korporat, KL Gateway, No 2, Jalan kerinchi, Gerbang kernichi Lestari, 59200 Kuala Lumpur, Malaysia

**Penang:** Jalan Sungai Dua, 11700 Penang, Malaysia.

## 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

## COURSE FEE

Full Fee RM 2,000.00

## CERTIFICATION

- **Certificate of Completion from Tertiary Courses** - Upon meeting at least 75% attendance and passing the assessment(s), participants will receive a Certificate of Completion from Tertiary Courses.

## REGISTRATION

<https://www.tertiarycourses.com.my/quantum-computing-fundamentals-for-beginners.html>



SCAN TO REGISTER

## SUPPORT

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