

QUANTUM COMPUTING

Introduction to Quantum Computing

FREE INTRODUCTORY COURSE

Build a plain-language understanding of quantum computing and learn how to read claims about its progress critically.

DURATION

~1 hour

Self-paced

LEVEL

Introductory

No prerequisites

ON-DEMAND FEE

Free

Online on-demand

Understand the technology first.

WHAT YOU WILL LEARN

- ✓ Explain what a qubit is and how it differs from a classical bit.
- ✓ Identify the kinds of problems quantum computing may help address.
- ✓ Distinguish physical from logical qubits when reading results.
- ✓ Separate demonstrated capabilities from announced roadmaps and marketing claims.

WHO SHOULD ATTEND

Technology professionals, managers, analysts, investors and anyone curious about quantum computing before deciding how deeply to study it.

PREREQUISITES

None. No physics, mathematics or programming background is required.

Why Quantum Academy

Quantum Academy faculty works with quantum engineering and integration teams. This introduction emphasizes evidence and clear explanations.

What you will study

Three short parts, designed for learners new to the subject.

01 The Basics

Explore qubits, superposition and entanglement intuitively. Understand why quantum computers are not simply faster versions of classical computers.

02 What They Can Actually Do

Examine potential applications and distinguish demonstrations from roadmaps. Learn why physical and logical qubits must be considered separately.

03 Reading the Field

Interpret announcements beyond qubit counts. Understand the role of error correction and choose a suitable next step in your learning.

Format and access

Online on-demand

Free

Self-paced, approximately one hour. Study the three parts in your own time.

An introduction to the subject. This course does not prepare you for a certification exam.

Includes a certificate of attendance. This is a course completion record, not a professional certification.

What is included

- Course handbook: full material with written instructor notes.
- 180 days of online on-demand access. Where that course is not yet published, the 180 days start on the day it is.

CONTINUE YOUR LEARNING

Quantum Computing Fundamentals
Quantum Computing for Executives

Explore the course

View course details at QuantumAcademy.com



Enrollment opens soon. Check the course page for availability.

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