

QUANTUM LEADERSHIP

Certified Chief Quantum Officer

CCQO PROGRAM

Set, fund and govern a quantum portfolio, and defend your strategy and three-year roadmap to a board.

CONTACT TIME

24 hours

Instructor-led

FORMAT

Live cohort

Online or in person

SESSIONS

6 x 4 hours

Executive program

Lead the quantum portfolio.

WHAT YOU WILL LEARN

- ✓ Evaluate vendor claims and distinguish demonstrated results from roadmaps.
- ✓ Set a portfolio position across computing, networking, sensing and security.
- ✓ Sponsor PQC migration and design governance, funding and readiness plans.
- ✓ Present and defend a quantum strategy and three-year roadmap.

WHO SHOULD ATTEND

CTOs, CIOs, CISOs, strategy and innovation leaders, board members, general managers and senior advisors accountable for quantum decisions.

PREREQUISITES

No prior certification is required. The program expects executive seniority rather than a technical background.

Certification through independent capstone assessment

Passing the assessed capstone earns CCQO. No written exam is required.

What you will study

Six modules, including a live capstone workshop.

01 Reading the Field

Assess demonstrated capabilities, announced roadmaps, error correction and physical versus logical qubits. Compare the maturity of computing, networking and sensing.

02 Where the Value Is, and Where It Isn't

Evaluate use cases, vendor claims, pilot proposals and business cases. Distinguish supported opportunities from premature investment without needing to verify the mathematics.

03 Quantum Readiness as an Operating Capability

Assess talent, partnerships, cloud access and pilot design. Choose deliberately between building capability, buying services and waiting for stronger evidence.

04 The Risk Side: Post-Quantum Migration

Understand the executive sponsorship needed for PQC migration. Examine exposure, inventories, resources, sequencing and obligations relevant to the organization.

05 Governance, Funding, and the Board

Design steering structures, procurement approaches and funding. Address supply-chain exposure and explain the strategy, risks and progress to the board.

06 Capstone Workshop

Present your strategy to peers and instructors, receive live critique and refine it before independent assessment. The final session is a working review.

The capstone brief

Build a strategy for a supplied simulated multinational. The brief includes its sector, finances, technology estate and regulatory position. No confidential employer material is requested.

Plan your participation

Cohort formats and fees

Live online cohort	US\$8,499
In-person cohort	US\$9,499
Private executive cohort	Custom quote

Six live sessions of four hours: 24 contact hours. No on-demand edition. Confirm cohort dates, location and time zone on the program page.

Includes a certificate of completion. This is not a professional certification.

Included in the fee

Six live sessions, the capstone assessment and one resubmission if needed. The CCQO credential is awarded on a pass. There is no separate assessment fee.

Program handbook, capstone brief and marking rubric. All three reference texts are included: Quantum Ready, Quantum Systems Integration and Quantum Sovereignty.

- 180 days of access to the corresponding online on-demand course. Where that course is not yet published, the 180 days start on the day it is.

How the capstone works

01 Build and present

Develop a quantum strategy and three-year roadmap for a supplied simulated multinational. Present it for live critique in the final session.

02 Submit and receive a decision

Submit within two weeks of the final session. Two independent assessors, neither of whom taught your cohort, mark against the published rubric.

03 Clarification and resubmission

A third assessor resolves disagreement. Results are due within ten business days; a clarification round pauses that clock. One resubmission is included.

Maintain your CCQO

Valid for three years. US\$149 annual maintenance covers all active Quantum Academy credentials. Renew with 60 CPE credits per cycle, at least 15 each year, or a fresh capstone.

Quantum Ready and Quantum Systems Integration are by Marin Ivezić. Quantum Sovereignty is co-authored by Marin and Luka Ivezić.

Explore dates and enrollment

View the CCQO program at QuantumAcademy.com



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Prices: September 2026; applicable taxes are shown at checkout. Quantum Academy credentials are private professional credentials of Post-Quantum Institute, not government-issued licenses, accredited degrees or academic credit. No employment, promotion, regulatory approval or specific outcome is guaranteed. Programs are educational and informational only, not legal, compliance or engineering advice.