

QUANTUM SECURITY & PQC

Quantum-Safe Healthcare

SECTOR OVERVIEW

Plan migration across patient-data systems, clinical applications and medical devices while preserving clinical availability and patient-safety requirements.

DURATION

3 hours

Short professional course

LEVEL

Intermediate

No formal prerequisites

ON-DEMAND FEE

US\$249

Online on-demand

Protect data and clinical operations.

WHAT YOU WILL LEARN

- ✓ Assess confidentiality and integrity exposure across healthcare and research data.
- ✓ Evaluate medical-device update constraints and possible mitigation approaches.
- ✓ Plan migration of electronic health records, clinical applications and interfaces.
- ✓ Connect applicable privacy, device-security and safety requirements to the plan.

WHO SHOULD ATTEND

Healthcare CISOs, security architects, biomedical and clinical engineers, EHR and application owners, privacy officers and medical-device manufacturers.

PREREQUISITES

None. Sector experience helps. Post-Quantum Foundation is an optional starting point.

Why Quantum Academy

Quantum Academy teaches from the Applied Quantum PQC Migration Framework and faculty experience running enterprise migration programs.

What you will study

Sector-specific priorities for post-quantum migration.

01 Healthcare Quantum Exposure

Assess patient-data confidentiality, medical-device integrity and the protection of clinical trials and pharmaceutical intellectual property.

02 Medical Device Constraints

Examine deployed-device cryptography, update limits and lifecycle management. Consider gateway protection and relevant device-security guidance.

03 Clinical Systems Migration

Map electronic health record and clinical application dependencies, including HL7/FHIR interfaces. Plan changes around clinical workflow availability.

04 Regulatory Alignment

Examine relevant privacy, medical-device and cybersecurity frameworks. Connect migration plans to applicable requirements and healthcare-specific evidence.

Formats and fees

Online on-demand	US\$249
Live online	US\$379
In person	US\$499
Private team training	Custom quote

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.
- PDF copy of Quantum Ready by Marin Ivezic, at no extra cost.

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

Explore the course

View course details at QuantumAcademy.com



On-demand enrollment opens soon. Check the course page for live dates and availability.

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