Quantum-Safe Government and Defense Intensive

Practitioner intensive

A full-day workshop for agencies, defense organizations, and suppliers planning PQC migration. Leave with an inventory plan and year-one roadmap.

Duration	Level	Fee
8 hours	**Practitioner**	**US$1,499 live online**
Planning workshop	No cryptography background needed	US$1,999 in person

In government and defense, the authorities that define the cryptographic standards also mandate a post-quantum cryptography (PQC) migration, with dated milestones. Your task is to turn that policy into a funded, staffed program with realistic timelines. Different mandates and accreditation authorities apply to different systems, and allied governments set requirements and guidance of their own. In this workshop, you plan that program, starting from which mandate applies to each system.

What you will build

- An estate map of your domains, the mandates that apply to each, and who controls each change
- A program charter that sets out the program office and steering committee structure
- An inventory plan, with its tracks, starting registers, and order
- An initial priority list, with evidence gaps recorded
- A vendor and contractor register that separates evidenced dates from assumptions, with draft acquisition and flow-down language
- An external dependency map for certifiers, accreditation authorities, and allies
- A workstream structure with role, resource, and accreditation assumptions
- A year-one plan by quarter, with leadership KPIs and the decisions you need from others

Who should attend

- Program managers, PMO and PQC migration leads
- The CIO or CISO who will act as executive sponsor
- Security architects and system owners
- Accreditation staff
- Defense industrial base security leads
- Contracting officers and compliance staff

The intensive is for civilian agencies, defense organizations, and their suppliers, in the United States and allied countries. We recommend sending a mixed group from one organization, ideally the people who would be members of its quantum readiness steering committee. Bring at least one person from contracting or acquisition. Many of the sequencing decisions in this workshop are acquisition decisions, and much of what you produce is procurement language.

Preparation

We recommend Quantum-Safe Government and Defense as preparation, though you can enroll without it. It covers the same ground at overview depth. You can work through the day with data from your own organization, or with a sample agency or defense supplier we provide.

Why Quantum Academy

This intensive is built on the Government & Defense Extension of the Applied Quantum PQC Migration Framework, published openly under Creative Commons at pqcframework.org. The course author wrote the framework and has advised governments on the quantum threat since the early 2000s. The instructors run migration programs in this sector and teach the constraints they meet in that work.

Curriculum and enrollment

The day

The instructor starts each module with a short briefing. You then apply the module's template to your own estate or to the sample organization. In person, we teach the intensive from 09:00 to 17:00 local time, with lunch and two breaks:

09:00–09:50 · Module 1. The shape of the program
The instructor walks through the US mandates for national security, civilian, and defense systems, and what allied governments require or recommend.

09:50–10:40 · Module 2. Mandate, governance, and the business case
You define a program office with authority across classified and unclassified domains, with acquisition, accreditation, and operational commands represented.

10:40–11:00 · Break

11:00–11:45 · Module 3. Inventory planning across classification levels
You plan six inventory tracks: classified systems, unclassified and CUI systems, cross-domain solutions, weapons platforms, PKI and identity, and contractors.

11:45–12:30 · Module 4. Risk scoring and priorities
You score each system on future decryption, signature forgery, migration feasibility, and compliance pressure, with classification level and accreditation complexity as added factors.

12:30–13:30 · Lunch

13:30–14:20 · Module 5. Vendors, acquisition, and flow-down
You classify suppliers as mission-critical cryptographic vendors, infrastructure providers, or defense contractors. You draft PQC requirements for RFPs, statements of work, evaluation criteria, and contract modifications.

14:20–15:10 · Module 6. Certifiers, accreditation authorities, and allies
You treat a certification date as forecast until the certificate is issued, and plan early talks with your accreditation authority on pre-approved algorithm changes.

15:10–15:30 · Break

15:30–16:15 · Module 7. Roadmap, waves, and staffing
For national security systems, you plan to the CNSSP 15 dates and record the CNSA 2.0 advisory's 2030 and 2033 category dates as guidance.

16:15–17:00 · Module 8. Year-one plan, KPIs, and the asks
You assemble the day's work into a year-one plan by quarter, with leadership KPIs for milestone compliance, the accreditation queue, contractor readiness, and coalition testing.

Live online, we teach it in two four-hour sessions on consecutive days, each with a short break. We cover Modules 1 to 4 in the first session and Modules 5 to 8 in the second.

Formats and fees

Format	Delivery	Fee
Live online	Two four-hour sessions on consecutive days	US$1,499
In person	One day, 09:00 to 17:00 local time	US$1,999
Private team training	Only your own colleagues attend	Quoted per engagement

What is included

- The course handbook, a PDF of the full material with the instructor notes written out
- A PDF copy of *Quantum Ready* by Marin Ivezic, the companion book to the framework the day draws on
- The working documents you build during the day, editable and yours to keep
- 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.
- A Quantum Academy certificate of completion. It confirms that you completed the course and is separate from Quantum Academy's professional certifications.

Explore the course

Dates and booking: quantumacademy.com/courses/quantum-safe-government-defense-intensive/

training@quantumacademy.com · +1 (312) 803-4969

Prices as of October 2026.

Quantum Academy credentials are private professional credentials issued by Quantum Academy, a trade name of Post-Quantum Institute. They are not government-issued licenses, accredited degrees, or academic credit, and earning one does not guarantee employment, promotion, regulatory approval, or any other specific outcome.

Quantum Academy programs are educational and informational only, and are not legal, compliance, or engineering advice.