

Zero Trust & Modern Access Certificate Program (Self-Paced)

A three-course self-paced path covering identity and phishing-resistant MFA, zero trust architecture implementation, and the FedRAMP move from Rev5 to 20x and CR26.

Group classes in Live Online and onsite training is available for this course. For more information, email onsite@graduateschool.edu or visit: <https://www.graduateschool.edu/certificates/zero-trust-and-modern-access-certificate-program-self-paced>



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Course Outline

This package includes these courses

- ICAM and MFA Fundamentals Course (Self-Paced) (6.5 Hours)
- Zero Trust Architecture Implementation (Self-Paced) (10 Hours)
- FedRAMP Modernization: Transitioning from Rev5 to 20x & CR26 (Self-Paced) (12 Hours)

ICAM and MFA Fundamentals Course (Self-Paced)

Foundational Identity, Credential, and Access Management for federal staff, covering the chain from identity and proofing through authentication, MFA, authorization, and federation to the access decision.

- Identity, account, credential, and authenticator, and how authentication, authorization, and access relate
- Identity proofing and the joiner, mover, leaver lifecycle
- IAL, AAL, and FAL applied to real access situations
- Common MFA methods compared by assurance
- MFA-targeted attacks: phishing, MFA fatigue, credential theft, adversary-in-the-middle
- Least privilege, need-to-know, RBAC, and ABAC in authorization
- Federation and single sign-on: identity providers, relying parties, assertions
- An end-to-end access transaction and access decision

Zero Trust Architecture Implementation (Self-Paced)

- Explain zero trust principles and the federal drivers behind them
- Assess current-state maturity using the CISA ZT Maturity Model
- Modernize identity, credential, and access management
- Enforce trust across devices, networks, and workloads
- Architect application, data, and policy enforcement

- Apply visibility, analytics, and automation for threat response
- Build a staged zero trust implementation roadmap

FedRAMP Modernization: Transitioning from Rev5 to 20x & CR26 (Self-Paced)

Understand what FedRAMP's move to 20x and the Consolidated Rules for 2026 change, and build a transition roadmap. Timed to the January 1, 2027 CR26 deadline.

- Explain CR26 and the FedRAMP modernization timeline through 2028
- Contrast Rev5 authorization with 20x certification
- Describe the new certification classes and boundary changes
- Modernize packages using Security Decision Records and structured data
- Apply Key Security Indicators and automated validation
- Build a Rev5-to-20x transition roadmap