APPLIED TECHNOLOGY ACADEMY

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Certified Data Privacy Solutions Engineer (CDPSE) Training

ISACA Authorized Training · Applied Technology Academy

Certified Data Privacy Solutions Engineer (CDPSE) focuses on validating the technical skills and knowledge needed to assess, build, and implement comprehensive data privacy measures. Through CDPSE training, professionals develop the ability to close the growing technical privacy skills gap and create solutions that mitigate risk and improve efficiency. Organizations increasingly rely on professionals who can apply privacy controls within real systems and business processes using recognized guidance such as the NIST Privacy Framework Earning the CDPSE certification demonstrates your ability to support responsible data governance while helping protect sensitive information.

LEVEL	DURATION	EXPERIENCE	AVERAGE SALARY	LABS
Advanced	**5 Days**	**3 years: CDPSE domains**	**$163,000**	**No**

Course Outline

- **Module 1: Privacy Governance**
  - Privacy Governance
  - Personal Information
  - Privacy Principles (e.g., Privacy by Design, Consent, Transparency)
  - Privacy Laws and Regulations
  - Privacy Documentation (e.g., Policies, Guidelines)
  - Privacy Operations
  - Organizational Culture, Structure, and Responsibilities
  - Vendor and Supply Chain Management
  - Incident Management
  - Data Subject Rights, Requests, and Notification
- **Module 2: Privacy Risk Management and Compliance**
  - Risk Management
  - Risk Management Process and Policies
  - Privacy-Focused Assessment (e.g., Privacy Impact Assessment (PIA))
  - Privacy Training and Awareness
  - Threats and Vulnerabilities
  - Risk Response
  - Compliance
  - Privacy Frameworks

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  - Evidence and Artifacts
  - Program Monitoring and Metrics
- **Module 3: Data Lifecycle (Implied Domain Title)**
  - Data Collection and Processing
  - Data Inventory, Dataflow Diagram, and Classification
  - Data Quality (e.g., Accuracy)
  - Data Use Limitation
  - Data Analytics (e.g., Aggregation, AI, Data Warehouse)
  - Data Persistence and Destruction
  - Data Minimization
  - Data Disclosure and Transfer
  - Data Storage, Retention, and Archiving
  - Data Destruction
- **Module 4: Privacy Engineering**
  - Technology Stacks
  - Infrastructure and Platform Technology (e.g., legacy, cloud computing)
  - Devices and Endpoints
  - Connectivity
  - Secure Development Life Cycle
  - APIs and Cloud-Native Services
  - Privacy Related Security Controls
  - Asset Management
  - Identity and Access Management
  - Patch Management and Hardening
  - Communication and Transport Protocols
  - Encryption and Hashing
  - Monitoring and Logging
  - Privacy Controls
  - Consent Tagging
  - Tracking Technologies (e.g., cookie management)
  - Anonymization and Pseudonymization
  - Privacy Enhancing Technologies (PETs)
  - AI/Machine Learning (ML) Considerations

Intended Audience

This course is ideal for IT professionals, security architects, data privacy specialists, compliance managers, and privacy engineers who are responsible for embedding privacybydesign into systems and ensuring enterprisewide data protection.

Prerequisites

To apply for the CDPSE certification, you should have three years' experience in Privacy Governance (Governance, Management and Risk Management), Privacy

- Architecture (Infrastructure, Applications/Software and Technical Privacy Controls)
- and Data Lifecycle (Data Purpose and Data Persistence).

Follow-On Courses

CISSP

Course Objectives

Upon successful completion of this course, students will be able to:

Analyze and integrate security and privacy requirements to protect data across enterprise systems and applications

Articulate the relationship between technology implementation and legal/regulatory mandates, ensuring technical controls satisfy compliance obligations

Design and enforce data privacy controls across the entire data lifecycle (collection, processing, storage, use, and disposal)

Establish, maintain, and manage a comprehensive privacy governance framework that defines policies, roles, and accountability within an organization

Design and implement privacy-enhanced solutions and privacy architectures that embed privacy controls by default (Privacy-by-Design)

Evaluate and implement industry-leading privacy best practices and standards to mitigate risk and demonstrate compliance

Select, configure, and manage technical privacy solutions (e.g., anonymization, pseudonymization, encryption) to meet specific data protection goals

Ready to enroll? Call 800.674.3550 or email Info@AppliedTechAc.com — private team cohorts, GSA MAS purchasing, military credentialing funding, VA GI Bill and VR&E and student financing available.