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Certified Information Privacy Technologist
CIPT
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IAPP CIPT

CERTIFIED INFORMATION PRIVACY TECHNOLOGIST

TRAINING AND CERTIFICATION

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Course Highlights

- Official course materials
- IAPP Official Training Partner
- Approved and Certified Instructor
- Sample Exam Question

COURSE DESCRIPTION

The Certified Information Privacy Technologist (CIPT) certificate demonstrates one's ability to create the privacy structure of an organisation from the ground up. This certification validates your comprehensive knowledge of privacy in technology and makes it possible for you to quickly integrate what you have learned into your routine as a technology and data professional.

Businesses that hire personnel with CIPT credentials are better equipped to implement strategies, policies, processes, and techniques to control cybersecurity risks while enabling prudent data to be used for business reasons. Getting certified confirms your dua literacy in technology and privacy that is applicable globally.

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WHY **CIPT CERTIFICATION** TRAINING WITH INFOSECTRAIN?

InfosecTrain is a proficient technology and security training and consulting organization across the globe, specializing in various IT security courses and services. Our Certified Information Privacy Technologist (CIPT) certification training aims to explain to you all about the privacy program. You can leverage the following benefits with InfosecTrain:

- We can help you present your qualifications and work experience for the designated profile.
- We provide a flexible training schedule.
- We provide recorded videos after the session to each participant.
- We provide post-training assistance.
- We also create groups for discussion.
- We also provide a certificate of participation to each candidate.

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Target Audience

- Data Protection Officers
- Data Protection Lawyers
- IT Auditors
- Legal Compliance Officers
- Security Manager
- Information Officers
- Anyone involved with data protection processes and programs

Pre-requisites

- The CIPT certification has no set requirements.

Exam Details

EXAM FORMAT	MULTIPLE CHOICE AND SCENARIO-BASED
NO. OF QUESTIONS	90 QUESTIONS IN TOTAL, OUT OF WHICH 75 ARE SCORED
EXAM DURATION	150 MINUTES
PASSING SCORE	300 OUT OF 500
EXAM LANGUAGE	ENGLISH

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Course Content

Foundational Principles

1. Privacy Risk Models and Frameworks

> Nissenbaum's Contextual Integrity
> Calo's Harmful Dimensions
> Legal Compliance
> FIPPs
> NIST/NICE framework
> FAIR (Factors Analysis in Information Risk)

2. Privacy by Design Foundational Principles

> Full Life Cycle Protection
> Embedded into Design
> Full Functionality
> Visibility and Transparency
> Proactive not Reactive
> Privacy by Default
> Respect for Users

3. Value Sensitive Design

> How Design Affects Users
> Strategies for Skillful Practice

4. The Data Life Cycle

> Collection

> Use

IT's Role in Protecting Privacy

1. Fundamentals of privacy-related IT

> Organization privacy notice

> Organization internal privacy policies

> Organization security policies, including data classification policies and schema, data retention and data deletion

> Other commitments made by the organization (contracts, agreements)

> Common IT Frameworks (COBIT, ITIL, etc.)

> Data inventories, classification and records of processing

> Enterprise architecture and data flows, including cross-border transfers

> Data Protection and Privacy impact assessments (DPIA/PIAs)

2. Information Security

> Transactions which collect confidential data for use in later processing activities

> Breach/disclosure incident investigations and responses—security and privacy perspectives

> Security and privacy in the systems development life cycle (SDLC) process

> Privacy and security regulations with specific IT requirements

3. The privacy responsibilities of the IT professional

> Consultation on internal and external policies
> Consultation on contractual and regulatory requirements
> Understanding how IT supports information governance in an organization

Privacy Threats and Violations

1. During Data Collection

> Asking people to reveal personal information
> Surveillance

2. During Use

> Insecurity
> Identification
> Aggregation
> Secondary Use
> Exclusion

3. During Dissemination

> Disclosure
> Distortion
> Exposure
> Breach of Confidentiality
> Increased accessibility
> Blackmail
> Appropriation

4. Intrusion, Decisional Interference and Self Representation

> Behavioral advertising
> Cyberbullying
> Social engineering

5. Software Security

> Vulnerability management
> Intrusion reports
> Patches
> Upgrades
> Open-source vs Closed-source

Technical Measures and Privacy Enhancing Technologies

1. Data Oriented Strategies

> Separate
> Minimize
> Abstract
> Hide

2. Techniques

> Aggregation
> De-identification
> Encryption
> Identity and access management
> Authentication

3. Process Oriented Strategies

> Informing the Individual
> User Control
> Policy and Process Enforcement
> Demonstrate Compliance

Privacy Engineering

1. The Privacy Engineering role in the organization

> Effective Implementation
> Technological Controls
> Protecting Privacy during the Development Lifecycle

2. Privacy Engineering Objectives

> Predictability
> Manageability
> Disassociability

3. Privacy Design Patterns

> Design patterns to emulate
> Dark patterns to avoid

4. Privacy Risks in Software

> Risks
> Countermeasures

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Privacy by Design Methodology

1. The Privacy by Design Process

> Goal Setting
> Documenting Requirements
> Understanding quality attributes
> Identify information needs
> Privacy risk assessment and analysis
> High level design
> Low level design and implementation
> Impose controls
> Testing and validation

2. Ongoing Vigilance

> Privacy audits and IT control reviews
> Code reviews
> Code audits
> Runtime behavior monitoring
> Software evolution
> Data cleansing in production and non-production environments

Technology Challenges for Privacy

1. Automated decision making

> Machine learning
> Deep learning
> Artificial Intelligence (AI)
> Context aware computing

2. Tracking and Surveillance

> Internet monitoring
> Adtech, cookies and other web tracking technologies
> Location tracking
> Audio and Video Surveillance
> Drones

3. Anthropomorphism

> Speech recognition
> Natural language understanding
> Natural language generation
> Chat bots
> Robots

4. Ubiquitous computing

> Mobile phones and apps
> Internet of Things (IoT) and Edge Computing
> Smart Cities
> Vehicular automation/Smart vehicles
> Wearable devices
> Blockchain and NFTs
> Virtual Reality, Augmented Reality and Mixed Reality

5. Mobile Social Computing

> Geo-tagging
> Geo-social patterns

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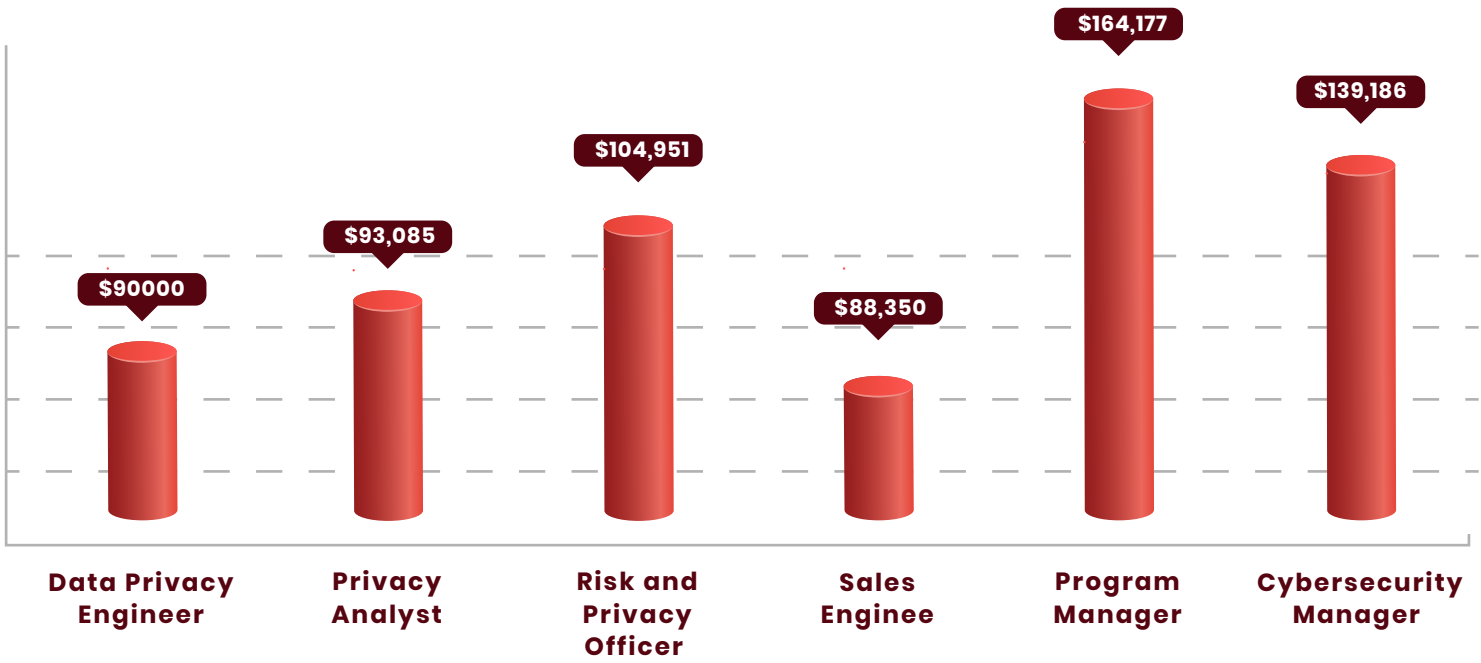
Career

Benefits



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