

Privacy in Technology

Module 1: Fundamentals of Information Privacy

(An introduction to major laws and concepts in privacy)

Unit 1: Common Principles and Approaches to Privacy

This unit includes a brief description of privacy, an introduction to types of information, an overview of information risk management and a summary of modern privacy principles.

Unit 2: Jurisdiction and Industries

This unit introduces the major privacy models employed around the globe and provides an overview of privacy and data protection regulation by jurisdictions and by industry sectors.

Unit 3: Information Security: Safeguarding Personal Information

This unit presents introductions to information security, including definitions, elements, standards and threats/vulnerabilities, as well as introductions to information security management and governance, including frameworks, controls, cryptography, and identity and access management (IAM).

Unit 4: Online Privacy: Using Personal Information on Websites and with Other Internet-related Technologies

This unit discusses the web as a platform, as well as privacy considerations for sensitive online information, including policies and notices, access, security, authentication identification and data collection. Additional topics include children's online privacy, email, searches, online marketing and advertising, social media, online assurance, cloud computing and mobile devices.

Module 2: Privacy in Technology

Unit 1: Understanding the Need for Privacy in the IT Environment

This unit describes the impact which regulatory activities, security threats, advances in technology and the increasing proliferation of social networks have on IT departments.

Unit 2: Core Privacy Concepts

This unit discusses how developing information lifecycle plans, data identification and classification systems, and data flow diagrams will make privacy compliance more attainable.

Unit 3: Regulations and Standards Impacting Privacy in IT

This unit introduces privacy laws, regulations and standards that can help IT professionals design better privacy programs and systems to handle personal information throughout the data lifecycle.

Unit 4: Privacy in Systems and Applications

This unit develops an understanding of the risks inherent in the IT environment and how to address them.

Unit 5: Online Privacy Issues

This unit presents information about online threats, threat prevention and the role of IT professionals to ensure proper handling of user data.

Unit 6: De-identifying and Anonymizing Personally Identifiable Information

This unit describes the importance of personally identifiable information and methods for ensuring its protection.

Unit 7: Cloud Computing

This unit discusses privacy and security concerns associated with cloud services, and standards that exist to advise on their use.