

ACCA 5034 Data Security and Compliance

Module Delivery Plan

Weeks	Themes	Key Topics Covered
1	Modern Cybersecurity Governance	Security policies; accountability; CISO responsibilities; NIST CSF 2.0.
2	Business Risk and Organisational Security	CIA principles; organisational risk assessment; business impact; risk treatment and ownership.
3	Identity Access Management and Zero Trust	Authentication; MFA; access control; least privilege; account management; Zero Trust.
4	Security Monitoring and Threat Detection	Security logs; SIEM; intrusion detection; endpoint monitoring; threat hunting.
5	Cryptography and Digital Trust	Encryption; hashing; digital signatures; certificates; secure communications; key management.
6	Physical Security and Insider Risk	Physical access; equipment protection; phishing; insider threats; secure disposal.
7	Implementing Information Security Controls	Asset management; data classification; security controls; patching; cloud responsibilities; audits.
8	Leadership and Security Culture	Leadership; shared responsibility; staff awareness; secure behaviour; risk communication.
9	Incident Readiness and Response	Incident planning; detection; escalation; containment; evidence preservation; communication.

10	Business Continuity and Cyber Recovery	Business continuity; disaster recovery; recovery objectives; backups; restoration testing.
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