



Logic Finder
Consulting, Development and Training

Implementing Cybersecurity in Federal Governments

Instructor Led Live Virtual Class

Duration: 6 Day (20-30 hours) | Course Number: LF-Implementing Cybersecurity in Federal Governments-200

Course Syllabus:

Duration: 12 Weeks

Week 1-2: Introduction to Cybersecurity in Federal Governments

Overview of cybersecurity in the context of federal governments

Theoretical concepts: National cybersecurity policies, regulations, and standards

Practical Tools: Introduction to compliance management tools

Week 3-4: Understanding Cyber Threats and Vulnerabilities

Identifying and assessing cyber threats in government sectors

Theoretical concepts: Cyber threat intelligence, risk assessment methodologies

Practical Tools: Threat intelligence platforms, risk assessment software

Week 5-6: Network Security and Protection

Implementing network security in government infrastructures

Theoretical concepts: Secure network architecture, intrusion detection and prevention systems

Practical Tools: Network security tools (firewalls, IDS/IPS)

Week 7-8: Data Security and Encryption

Ensuring data security and privacy in federal agencies

Theoretical concepts: Encryption standards, data protection laws

Practical Tools: Encryption tools, data loss prevention (DLP) software

Week 9-10: Incident Response and Crisis Management

Developing and implementing incident response plans for federal agencies

Theoretical concepts: Incident response protocols, crisis communication

Practical Tools: Incident response management platforms, simulation tools

Week 11-12: Cybersecurity Compliance and Auditing

Managing cybersecurity compliance in government settings

Theoretical concepts: Compliance frameworks (NIST, FISMA)

Practical Tools: Compliance tracking and auditing software, GRC (Governance, Risk Management, and Compliance) platforms

Capstone Project:

Developing a comprehensive cybersecurity implementation plan for a hypothetical federal government agency, utilizing the tools and concepts learned throughout the course.