BHS Connect

Training Model for IT Teams: Advanced Data Security and Compliance for 2025

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Phase 1: Foundational Knowledge (Weeks 1-2)

Objective: Build a strong base of security principles and regulatory knowledge.

1. Top 10 Data Security Training Modules for 2025
   - Overview of emerging threats and innovative defense techniques.
   - Introduction to industry standards and best practices for IT security.
2. Mastering HIPAA and HITECH Compliance
   - Detailed review of HIPAA and HITECH frameworks.
   - Real-world case studies of compliance failures and successes.

Phase 2: Applied Privacy and Cybersecurity Skills (Weeks 3-6)

Objective: Equip participants with actionable skills to protect sensitive information.

1. Advanced Patient Privacy Strategies
   - Implementing PHI confidentiality, integrity, and availability measures.
   - Privacy-preserving technology tools.
2. Elite Cybersecurity Protocols
   - Training on secure password creation and management.
   - Best practices for secure browsing and email usage.
3. Phishing and Social Engineering Countermeasures
   - Role-playing exercises to simulate real-world attack scenarios.
   - Tools and strategies for detecting and neutralizing phishing.

Phase 3: Technical Mastery and Incident Preparedness (Weeks 7-10)

Objective: Develop expertise in specialized IT systems and breach response.

1. Strategic Security Software Deployment
   - Advanced deployment techniques for security software tools.
   - Monitoring and optimization strategies.
2. Mobile Device Security Management
   - Secure configurations for mobile devices.
   - Risk mitigation techniques for remote access and BYOD policies.
3. Forensic Incident Reporting and Response
   - Hands-on training in forensic analysis and incident response protocols.
   - Creating comprehensive and actionable incident reports.

Phase 4: System Resilience and Recovery (Weeks 11-14)

Objective: Enhance system resilience and readiness for potential breaches.

1. Physical Security Enhancements
    - Implementing biometric access controls and secure disposal methods.
    - Best practices for hardware security.
2. Electronic Health Records (EHR) Security Mastery
    - Advanced access controls and secure EHR configurations.
    - Managing data integrity and ensuring robust record protection.
3. Comprehensive Breach Response and Mitigation
    - Interactive drills to simulate breach scenarios.
    - Development and execution of breach mitigation plans.

Phase 5: Assessment and Continuous Improvement (Weeks 15-16)

Objective: Evaluate knowledge retention and foster ongoing improvement.

- Capstone Project:
- Teams collaborate to design and present a comprehensive IT security plan addressing a simulated scenario.
- Assessment:
- Individual and team-based evaluations to test theoretical and practical knowledge.
- Feedback and Development Plan:
- Personalized feedback and action plans for continuous learning and growth.