

Indiana SBDC Digital Transformation Courses

Transform your business operations and meet today's challenges head-on with our digital and cybersecurity educational courses

Strategy, Risk, and Security in Digital Transformation (4 contact hours, hosted)

Course Description: This course targets the small business owner/SMB executives providing a practical guide that can be used by leaders to make informed decisions about digital transformation and cybersecurity to protect their businesses in an era of increased threat. Among other things, this course provides uncomplicated ways that SMB leaders can identify, assess, understand, and mitigate cybersecurity risks associated with the digitization of their businesses. It provides the “how to” of integrating cybersecurity into the business strategy, risk assessment, policies, change management, and personnel management. The course teaches executives best practices to protect vital business information. Additionally, this course covers the ‘What Do I Do When I Get Hacked?’ question. Notification and disclosures, legal and regulatory issues, business continuity and recovery, and public relations are all broken down in a practical methodology easy for business owners and executives to understand.

Course Outcomes:

- 1) Provide businesses the foundational knowledge and tools to understand how rapid digital transformation due the COVID pandemic affects business strategy and risk.
- 2) Provides resources and tools that business leaders can use to as they undertake digital transformation.
- 3) Address the areas of process automation, distributed workforce, cloud migration, resiliency, third party, compliance, security, and data privacy.

The course will be hosted for a total of 4 hours. Additional content is available to participants online for a limited number of weeks, and offline as a downloadable PDF of all course content and resources.

Course Modules: There are 5 Course Modules that cover the following topics:

1. Cybersecurity threats in the post COVID Environment
2. Digital Transformation and Strategic Planning
3. Integrating and Updating Strategic Risk Assessments
4. Frameworks and what to know for your business
5. Incident Planning and Response

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Modules

1. Cybersecurity threats in the post COVID Environment
 - A. Phishing and Malware – Spam
 - B. Credential stuffing
 - C. Credential harvesting
 - D. Malware/ Ransomware
 - E. Configuration Management
 - F. Distributed Denial of Service (DDOS) attacks
 - G. Others as needed....

2. Digital Transformation and Strategic Planning
 - A. Introduction
 - 1) Definition: digital transformation
 - 2) Introductory Case study: (Fiction--one paragraph) about a business that needs to change to digital to brick and mortar due to COVID.
 - 3) So, what to do if this resembles your business?
 - B. How Digital Transformation is Changing Your Business
 - 1) Training/Development of Employees Digitally
 - 2) Maintaining Office Culture
 - 3) Onboarding New Employees
 - 4) Managing Productivity
 - 5) Customer Outreach and Engagement
 - 6) Managing a Remote Workforce
 - 7) Maintaining Creativity and Innovation
 - 8) Converting operational and technical processes
 - C. How Digital Transformation Changes Your Strategic Roadmap
 - 1) Every company is a tech company
 - D. Continuity of Operations in a Automated Environment

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3. Reconsidering Risk in Digital Transformation
 - A. Introduction
 - B. Redefine Risk by Expanding Your View
 - C. Transform Legacy Infrastructure and Culture
 - D. Creating a Digital Risk Framework (Deloitte)
 - 1) Context, Implementation, and Governance
 - 2) Focus areas
 - a. Strategic
 - b. Technology
 - c. Operations
 - d. Third Party
 - e. Regulatory
 - f. Forensics
 - g. Cyber
 - h. Resilience,
 - i. Data Leakage
 - j. Privacy
 - E. Digital Risk Management (DRM) Framework
4. Frameworks and Regulations
 - A. Introduction
 - B. Frameworks
 - 1) NIST CSF
 - 2) HIPAA
 - 3) Government contractor
 - 4) ISO 27001
 - 5) GDPR
 - 6) CCPA
 - 7) Which countries are you in and what to know globally?
 - 8) What is coming next?

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- 5. Incident Planning and Response
 - A. Introduction
 - B. Creating an Incident Response Capability
 - 1) Definitions: Incident or Event?
 - 2) The 3 Ps: Policies, Plans, and Procedures
 - 3) Incident Response Teams
 - 4) IRT Services
 - C. Incident Handling
 - 1) Preparation
 - 2) Detection & Analysis
 - 3) Containment
 - 4) Eradication
 - 5) Recovery
 - 6) Post Incident Activities
 - D. Communication
 - 1) Coordination
 - 2) Information Sharing
 - 3) Business Information