NISTCSF.COM

Role-Based IT & NIST Cybersecurity Curriculum Solutions

itSM Solutions℠

IT Experience. Practical Solutions.

Agenda and Objectives

- NISTCSF.COM Workforce Development Programs

- IT & NIST Cybersecurity Frameworks & Methodologies

- NISTCSF.COM Role-Based Curriculum Catalog

- NISTCSF.COM Workforce Development Mentoring Program

NISTCSF.COM
Workforce Development Programs

- Today, enterprises need to build a workforce capable of engineering, maintaining and improving the IT & Cybersecurity frameworks and methodologies to identify, protect, detect, respond and recover from cyber-attacks.

- itSM Solutions NISTCSF.COM is a global consortium of academic, government and industry thought leaders working together to create a role-based IT and Cybersecurity training curriculum that teaches organizations the knowledge, skills and abilities to operationalize the frameworks and methodologies created by the National Institute of Standards & Technologies (NIST) and other internationally recognized institutes and organizations.

- The consortium's goal is to create curriculum that will enable an affordable and scalable way to train today's IT and NIST Cybersecurity workforce.

IT & NIST Cybersecurity Frameworks & Methodologies

- **NISTCSF.COM Best Practice Frameworks and Methodologies curriculum areas include:**

  - NIST Cybersecurity Framework

  - NICE Cybersecurity Workforce Framework

  - Axelos ITIL® Cyber Service Management Framework

  - Axelos RESILIA™ Cyber Resilience Framework

  - ISACA Cobit Cyber Governance Framework

  - PMI PMBOK & Axelos PRINCE2 Project Mgmt. Methodology

  - IDT Digital Enterprise Readiness Framework

  - Cloud Security Alliance Cybersecurity Framework

  - SI Cyber Software & Application Security Testing Methodology

NISTCSF.COM
Role-Based Curriculum Catalog

- itSM Solutions NISTCSF.COM role-based curriculum solutions enables enterprises to build a workforce capable of operationalizing, maintaining and improving IT & NIST Cybersecurity best practice frameworks and methodologies across an enterprise and its supply chain.

IT Service, Project, Cybersecurity & Cloud Mgmt. Training				Networking, Programming & INFOSEC Training			Business & Cyber Skills Training	
IT Service Management	IT Project Management	Cybersecurity Management	IT Cloud Management	Software Programming	IT Networking	Information Security	Microsoft Office Skills	General Business Skills
27 Courses	17 Courses	15 Courses	11 Courses	24 Courses	45 Courses	30 Courses	68 Courses	31 Courses
ITIL V3	PMI	NIST CSF	AZURE	C+	Microsoft	ISC2	O365 END USER	HR
ITIL V4	PRINCE2	NIST 800-171	AWS	C++	Cisco	ISACA	O365 ADMIN	LEGAL
RESILIA	AGILE	COBIT	COMPTIA	JAVA	COMPTIA	COMPTIA	O365 SHAREPOINT	ACCOUNTING
COBIT	SCRUM	ISO27001	SHAREPOINT	PYTHON	VMware	MILE2	O365 WEB APPS	CYBERSECURITY
ISO20000		FAIR VaR	SQL SERVER	RUBY		CyberSec First	WORD	IOT Awareness
DEVOPS		DEVSECOPS	CLOUD SECURITY	ANGULAR 5		Responder	EXCEL	SOCIAL MEDIA
DIGITAL READINESS				ASP.NET		IoT	POWERPOINT	COMMUNICATIONS
AGILEshift				HADOOP			OUTLOOK	COMPUTERS
SAFe				PERL			ACCESS	INTERNET
				SQL 2014			PROJECT	SHAREPOINT
				RESTFUL			LYNX	PROJECT MGMT.
				SELENIUM			DATA ANALYSIS	
				BOOT STRAP				
				SECURE CODING				

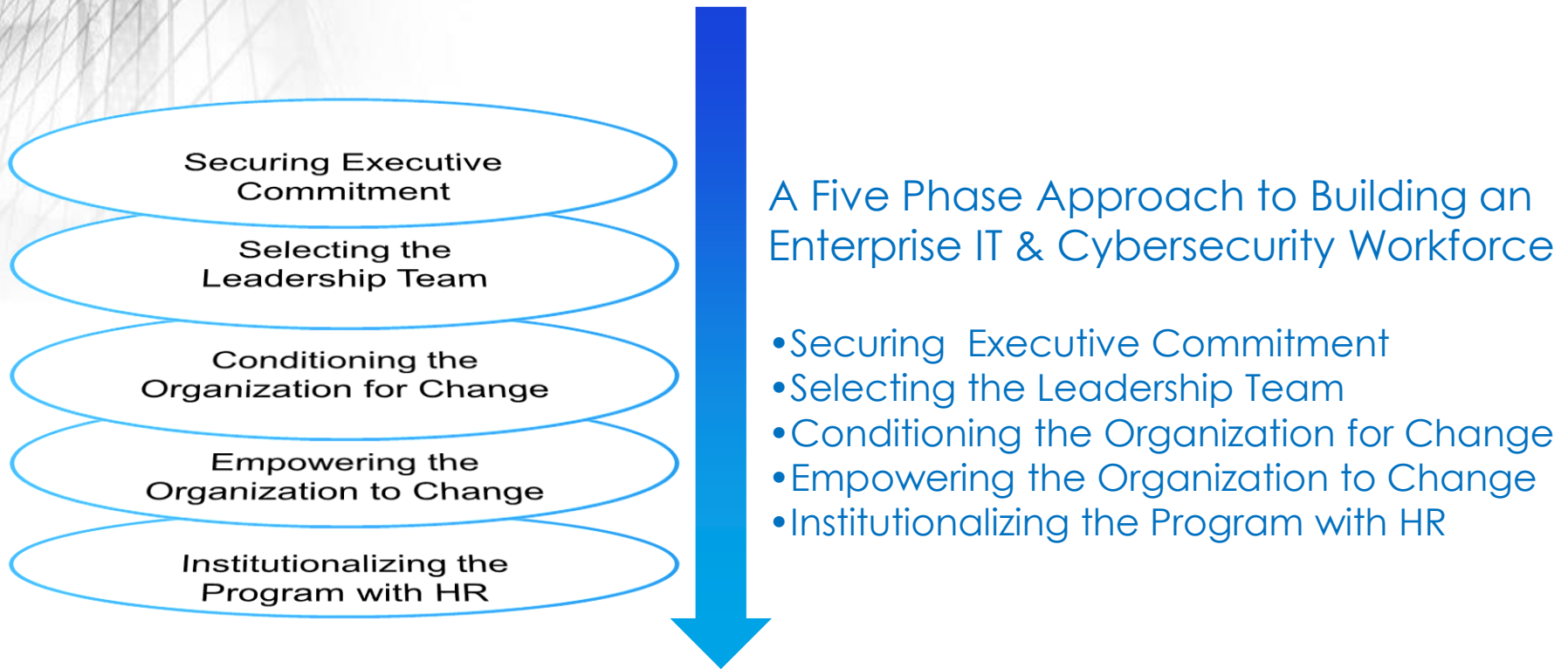*itSM Solutions* — IT Experience. Practical Solutions.

NISTCSF.COM
Curriculum Benefits

- **100% Online** Using Video and Digital Book Content (print books available upon request)

- **100% Priced Right** (no student left behind)

- **Role Based Training** – With a focus on Engineering, Operations, Specialty Role & Risk Management professionals

- **Learning Management System** (LMS) Student Mentoring & Monitoring Services to ensure successful training & business outcomes

- **Instructor Led Delivery** or Review Sessions can be added to any program if required

- **Enterprise Training Program** Planning and Launch Services

- **Partner Sales & Marketing** Planning and Launch Services

- **New Curriculum** Planning & Development Services

- **Our UMass Lowell NIST Cybersecurity Framework certification training programs (NCSF-CFM)** were recently recognized in the **National CyberWatch Center 2018 Innovations in Cybersecurity Education magazine**.

itSM Solutions℠
IT Experience. Practical Solutions.

NISTCSF.COM
Workforce Development Mentoring Program

- The NISTCSF.COM workforce development mentoring program is a five phase approach and modeling system built around the key principles outlined in Kotter's eight step change process for organizational transformation.

- The workforce development mentoring program provides enterprises with a structured model on how to profile the knowledge and skills base of their IT & Cybersecurity workforce and then map that profile to a series of role based training programs designed to create a workforce capable of engineering, maintaining and improving the IT & NIST Cybersecurity frameworks and methodologies to identify, protect, detect, respond and recover from cyber-attacks.

NISTCSF.COM
Workforce Development Mentoring Program

Securing Executive Commitment

Selecting the Leadership Team

Conditioning the Organization for Change

Empowering the Organization to Change

Institutionalizing the Program with HR

A Five Phase Approach to Building an Enterprise IT & Cybersecurity Workforce

- Securing Executive Commitment
- Selecting the Leadership Team
- Conditioning the Organization for Change
- Empowering the Organization to Change
- Institutionalizing the Program with HR

itSM Solutions℠
IT Experience. Practical Solutions.

Phase #1 – Executive Training Services

Securing Executive Commitment

**Phase #1
Securing Executive
Commitment
(Executive Trainings)**

Organization Role	Objective	Training Programs
CEO, CFO, CIO, CISO CRO, CCO, PMO Director, SMO Director, Governance Director	To help the executive team understand the benefits associated with operationalizing a IT & Cybersecurity program	Executive Overview Executive Simulations Digital Readiness Training

itSM Solutions℠
IT Experience. Practical Solutions.

© 2005 The Nichols-Kuhn Group

Phase #2 – Leadership Training Services

Selecting the Leadership Team

**Phase #2
Selecting the
Leadership Team
(Leadership Trainings)**

Organization Role	Objective	Training Programs
Practice Owners, Service Owners, Change Mgrs. Operation Mgrs. CSI Mgrs. Business Analysts	To help the leadership team acquire the knowledge and skills to develop an actionable IT & Cybersecurity plan	Assessment Training NCSF Assessment Training Digital Readiness Training Planning to Change Workshop Internet of Things Training ITIL® Training RESILIA Training Prince 2 Training NIST Cybersecurity Training Simulations

Phase #3 – Enterprise Readiness Training

**Phase #3
Conditioning the
Organization for
Change
(Basic Trainings)**

Organization Role	Objective	Training Program
All IT staff, senior leadership, stakeholders and supply chain partners	To help condition the enterprise for IT & Cybersecurity change through a series of online awareness and simulation trainings	Awareness Simulations Digital Readiness Training

itSM Solutions℠
IT Experience. Practical Solutions.

Phase #4 – Practitioner Training

**Empowering the
Organization to Change
(Specialty Trainings)**

Organization Role	Objective	Training Programs
1st Line Mgrs. Practice & Service Owners Architects & Strategists Operation & System, Analysts Business & Quality Analysts Program & Project Managers Operation & Change Mgrs. Service Level & CSI Mgrs. Tool Administrators	To provide the IT & Cybersecurity practitioners the knowledge and skills to plan, design, implement, operate and improve a IT & Cybersecurity program.	NIST Cybersecurity Framework Training NIST Cybersecurity Employee Training NICE Cybersecurity Workforce Trainings Internet of Things Training ITIL Trainings RESILIA Trainings Prince 2 Trainings ISO 27001 Training Cobit Training Simulation Trainings

itSM Solutions℠
IT Experience. Practical Solutions.

Phase #5 – HR Training Program

Institutionalize the Program with HR (HR Programs)

Organization Role	Objective	Activities
HR Manager	To establish HR policies and procedures for training new employees and a career pathway for existing employees practicing IT & Cybersecurity	Setup both eLearning and role-based Blended Learning IT & Cybersecurity best practice training solutions for new and existing employees

itSM Solutions℠
IT Experience. Practical Solutions.

Questions & Answers