



# **NISTCSF.COM**

NIST/NICE Cybersecurity Workforce Framework  
Training & Certification Programs

Rick Lemieux  
itSM Solutions LLC  
31 South Talbert Blvd. #295  
Lexington, NC 27292  
USA  
401-764-0720  
Fax – 401 764-0747

## **NISTCSF.COM – NIST Cybersecurity Workforce Training Solutions**

### **Introduction**

In February 2013, President Obama issued Executive Order 13636, “Improving Critical Infrastructure Cybersecurity,” which called on the Department of Commerce’s National Institute of Standards and Technology (NIST) to develop a voluntary risk-based Cybersecurity Framework to protect the nation’s critical infrastructure—that is, a set of industry standards and best practices to help organizations identify, assess, and manage its cybersecurity risks. These 16 critical infrastructure sectors whose assets, systems, and networks, whether physical or virtual, are considered so vital to the United States that their incapacitation or destruction would have a debilitating effect on security, national economic security, national public health or safety, or any combination thereof. In February 2014, NIST released the NIST Cybersecurity Framework (NCSF).

### **NISTCSF.COM**

**NISTCSF.COM** is a [NIST Cybersecurity Framework](#) (NCSF) training solution brought to you by itSM Solutions LLC and Larry Wilson the CISO in the UMASS President’s office.

The program is built around a controls factory methodology Larry created to operationalize an NCSF program across the university and its supply chain. Based on its success at UMASS and other universities in the area, Larry in partnership with itSM Solutions has created an accredited training program that will teach governments private industry and other academic institutions how to do the same.

The [NCSF Control Factory Methodology](#) helps enterprises organize the engineering, technical and business functions of a NCSF program. The methodology is completely adaptable which means that each of the modules can easily be updated, replaced or modified with minimal impact on the overall solution. Organizations are free to choose the minimum set of controls its need to improve its cybersecurity risk profile and then over time adopt additional controls that will take it to a higher cybersecurity state. The factory approach allows for changes in the cybersecurity threat landscape, new vulnerabilities and the addition of improvements while still keeping a focus on the critical assets and identities.

It’s NISTCSF’s goal to partner with industry and academia to stand up cybersecurity training centers and online training portals across the globe that will teach the knowledge, skills and abilities (KSA’S) to design, build, test and manage a NCSF cybersecurity program. It is also our goal to deliver the credentials individuals need to land and sustain job in cybersecurity.

The program and its author have won the following industry awards:

- SANS Person who made a difference in Cybersecurity, 2013
- ISE (Information Security Executives) Finalist for Executive of the Year for North America, 2013
- ISE Information Security Program of the Year for Higher Education & Government Category, 2013
- Security Magazine most influential cyber security professionals in North America, 2016

### **NCSF Certification Training Programs**

These programs will teach candidates how to design, build, test and manage a cybersecurity program based on the NIST Cybersecurity Framework (NCSF) and Larry’s NCSF Controls Factory Methodology.

**The NCSF Foundation Certification Course** outlines current cybersecurity challenges and explains how organizations who implement a NCSF program can mitigate these risks. This program is focused on candidates who need a basic understanding of the NCSF to perform their daily jobs as Executives, Accountants, Lawyers or Information Technology (IT) professionals.

**Location of Training:** Onsite or Online

**Means of Instruction:** Instructor Led Classroom or Virtual Classroom, Self Paced Video

**Number of Hours:** 8 (1 Day)

**Credentials or Certificate Attained:** Certificate of Completion, PDU's, CEU's, College Credits

**Course Description & Outline:** Can be found [here](#)

**The NCSF Practitioner Certification Course** details the current cybersecurity challenges plus teaches in depth the UML's controls factory methodology on how to design, build, test and manage an NCSF cybersecurity program. This program is focused on candidates who need a detailed understanding of the NCSF to perform their daily roles as cybersecurity engineers, testers or operations professionals.

**Location of Training:** Onsite or Online

**Means of Instruction:** Instructor Led Classroom or Virtual Classroom, Self Paced Video

**Number of Hours:** 24 (3 days)

**Credentials or Certificate Attained:** Certificate of Completion, PDU's, CEU's, College Credits

**Course Description & Outline:** Can be found [here](#)

#### **NIST/NICE Work & Specialty Role Certification Training Programs**

**The NCSF Certification Training Library** prepares candidates to sit for the IT and information security (INFOSEC) certification exams aligned with the work and specialty roles associated with the NCSF. itSM's video training portal enables students be trained to sit for up to 25 NCWF work and specialty area professional certifications in IT and Cybersecurity from CompTIA, ISACA, ISC<sup>2</sup>, Mile2 and others.

**Location of Training:** Online

**Means of Instruction:** Self Paced Video

**Number of Hours:** Varies based on Program Selected

**Credentials or Certificate Attained:** Certificate of Completion, PDU's, CEU, College Credits

**Course Description & Outline:** Can be found [here](#)

**Credentials or Certificate Attained:** Certificate of Completion

**Course Description & Outline:** Can be found [here](#)