NISTCSF.COM

NIST/NICE Cybersecurity Workforce Framework
Training & Certification Programs

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NISTCSF.COM – NIST Cybersecurity Framework 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)**.**

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NISTCSF.COM is a NIST Cybersecurity Framework (NCSF) training solution brought to you by itSM Solutions LLC and UMass Lowell.

The program is built around a controls factory methodology created by the university's chief information security officer that teaches organizations how to build, test, maintain and continually improve a cybersecurity program based on the **NIST Cybersecurity Framework (NCSF)**.

The NCSF Control Factory™ Methodology helps enterprises organize the Engineering, Technical and Business functions of an 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.

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

• Security Magazine's Most Influential People in Security, 2016
• SANS People Who Made a Difference in Cybersecurity Award, 2013
• Information Security Executive (ISE) nominee for Executive of the Year for North America, 2013
• ISE North America Project Award Winner I for the Academic and Public Sector Category, 2013

NISTCSF.COM Overview   **NCSF Control Factory™ Overview**   **Request More Info**

NISTCSF.COM Certification Training Programs

The NCSF Foundation Certification Course, which is available via instructor-led sessions or online video, teaches outlines current cybersecurity challenges and explains how organizations that implement an 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, business professionals or information technology professionals.

[NCSF Foundation Outline](#)
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

The NCSF Practitioner Certification Course, also available via instructor-led sessions or online video, details the current cybersecurity challenges plus teaches in depth the UMass Lowell NCSF Control Factory Methodology on how to build, test, maintain and continually improve a cybersecurity program based on the NIST Cybersecurity Framework. 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.

[NCSF Practitioner Outline](#)
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

All programs come with a certificate of completion and continuing education credits, such as PDU and CEUs. itSM students who successfully complete the certification and meet university requirements may transfer credits and enroll in one of UMass Lowell's master's degree programs in information technology, such as network security or cybersecurity.

Those interested in taking the courses may find that programs such as workforce development, the G.I. Bill, apprenticeships, internships, employers and others will fund their participation.

The NCSF INFOSEC Certification Training Library, available via online video, prepares candidates to sit for the IT (CompTIA, Cisco etc.) and information security (ISC², ISACA, CompTIA etc.) certification exams aligned with the work and specialty roles outlined in the **[NIST NICE Cybersecurity Workforce Framework (NCWF)](#)**.

All programs come with a printable student workbook, certificate of completion and continuing education credits, such as PDU and CEUs.

[NCSF IT & INFOSEC Certification Training Library](#)

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