

# NIST Cyber Security Professional (NCSP) Foundation

## Course Overview

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This is a 1-day class

This course is targeted at IT and Cybersecurity professionals looking to become certified on how to operationalize the NIST Cybersecurity Framework (NCSF) across an enterprise and its supply chain.



## Course Objectives

The purpose of this document is to provide the learning outcomes for the course and the assessment criteria. It also provides an overview of the examination design in terms of the types of questions asked. Starting with Chapter 2, Digital Transformation, the BL 1 & 2 (for Bloom's Taxonomy 1 & 2) provides the number of questions that will appear on the exam.

## Course Outline

### 1 DIGITAL TRANSFORMATION

Explain what it means to "become digital"  
Discuss the difference between industrial and digital era enterprises  
Explain how cybersecurity supports an organization's digital transformation

### 2 UNDERSTANDING CYBER RISKS

Explain the cyber risk equation  
Identify and explain each component of the cyber risk equation  
Describe the basics of a risk assessment

### 3 NIST CYBERSECURITY FRAMEWORK FUNDAMENTALS

Explain the genesis of the NIST-CSF  
List and describe the components of the NIST-CSF  
Describe each of the NIST-CSF's objectives

### 4 CORE FUNCTIONS, CATEGORIES & SUBCATEGORIES

Core Functions  
Framework Categories  
Informative References

### 5 IMPLEMENTATION TIERS & PROFILES

Understand and explain Implementation Tier terms and their use  
Understand and explain each Implementation Tier  
Understand and describe the three risk categories  
Understand and explain Profiles and their use of Current  
Understand and explain Profiles and their use of Target  
Understand and describe the use of Profiles when determining gaps  
Understand and describe the use of Profiles when to identify & prioritize focus areas



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