NIST Specialisms
Cyber Security
Professional Certification

NCSP
NIST CYBER SECURITY
PROFESSIONAL

Adapting a principled approach to enterprise risk management framework to better support cyber security decisions

CYBER SECURITY

NCSP Specialisms

The **National Institute of Standards and Technology (NIST)** is a physical sciences laboratory, and a non-regulatory agency of the United States Department of Commerce. Its mission is to promote innovation and industrial competitiveness. NIST implements practical cybersecurity and privacy through outreach and effective application of standards and best practices necessary for organisations to adopt and operationalize cybersecurity capabilities.

ISO (International Organization for Standardization) is an independent, non-governmental, international organization that develops standards to ensure the quality, safety, and efficiency of products, services, and systems.

Each of the NCSP Specialist certifications cover the impact of adapting a principled approach to enterprise risk management to better support cybersecurity decisions within the context of the selected informative reference (NIST 800-53, NIST 800-171 or ISO 27001).

They guide students on the best approach to adapt, implement, and operate (AIO) a comprehensive cybersecurity program that integrates into existing organizational capabilities and incorporates the selected Informative Reference.

NCSP 800-53
The NIST 800-53, Revision 5 publication provides a catalog of security and privacy controls for information systems and organizations to protect organizational operations and assets, individuals, other organizations, and Nations from a diverse set of threats and risks, including hostile attacks, human errors, natural disasters, structural failures, foreign intelligence entities and privacy risks.

NCSP 800-171
NIST SP 800-171 is a NIST Special Publication that provides recommended requirements for protecting the confidentiality of controlled unclassified information. US Defence contractors must implement the recommended requirements contained in NIST SP 800-171 to demonstrate their provision of adequate security to protect the covered defence information included in their defence supply chain contracts.

ISO/IEC 27001
ISO/IEC 27001 is an international standard for information security management. It provides a model to establish, implement, maintain and continually improve a risk-managed Information Security Management System (ISMS), which forms the basis for effective management of sensitive, confidential information and for the application of information security controls.

Each course provides:

▶ The knowledge and skills to integrate the informative reference cybersecurity controls and management systems in the context of an organizations existing systems (i.e., enterprise risk, digital service management, cybersecurity etc.)

▶ The knowledge and skills to integrate a Digital Value Management System (DVMS™) which comprises of, governance, assurance built around the DVMS Z-X Model.

▶ An approach that builds upon the FastTrack™ model presented in the NCSP practitioner course to adapt, implement, operate & innovate an organizations ongoing cybersecurity posture.

Each course is delivered over 5 days, and includes lectures, informative supplemental reference materials, workshops and team and individual exercises. Candidates will need to hold either the NCSP Practitioner or Bootcamp v2.0 certifications, to attend the NCSP 800-171, 800-53 or 27001 Specialist courses.

Candidates looking to obtain more than one specialist certification will have the option to sit an in-class 3-day extension course or take a self-paced video training extension program.

Who Is It For?

For students who have taken and passed NCSP Practitioner 2.0 course and seek knowledge on the typical enterprise capabilities within cybersecurity, from the perspective of a selected cybersecurity informative reference.

Qualifications Available

▶ NIST 800-53   ▶ NIST 800-171   ▶ NIST 27001

You may also be interested in:

▶ NCSC Certified Training   ▶ Certified Cyber Professional   ▶ ISO 27001

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