



Critical Training & Certification for The Most Critical Sector



With the growing threats specifically targeting the electric sector, a more specialized defense approach is essential. The ICS456 course and GCIP certification deliver the rigorous training and validation required to meet NERC CIP standards, excel in audits, and defend the power grid. This is the critical step — an indispensable investment in securing our nation's most vital infrastructure.

ICS456: Essentials for NERC Critical Infrastructure Protection

ICS456 is specifically designed for the electric sector to provide a comprehensive understanding of key areas essential for compliance with the NERC CIP standards.



NERC CIP Compliance

Gain the knowledge and skills to meet and exceed NERC CIP requirements, ensuring the protection of BES cyber assets.



Audit Preparation

Identify and address potential compliance gaps, thereby reducing the risk of non-compliance penalties.



Real-World Applications

Excel learning with hands-on practical exercises and apply course concepts to real-world scenarios within your organizations.

GIAC Critical Infrastructure Protection (GCIP) Certification

The GCIP, recognized as a benchmark for excellence in ICS cybersecurity, validates the expertise of professionals in safeguarding the power grid against cyber threats.



Industry Recognition

Achieve GCIP certification to demonstrate a commitment to excellence and positioned as an expert in the electric sector.



Enhanced Skills

Deepen understanding of cybersecurity principles, threat analysis, and mitigation strategies specific to the electric sector.



Career Advancement

GCIP-certified professionals are highly sought after, enhancing career prospects and opening leadership opportunities in ICS security.

"ICS456 has been crucial for our staff in understanding NERC CIP compliance and honing skills to protect our nation's grid through real-life labs. Paired with the GCIP certification, it has shaped career paths in Critical Infrastructure Protection and brought prestige to CIP professionals. At NextEra Energy, ICS456 gives us a competitive advantage as we guide the future of our compliance program."

- Carlos Morales, Senior Manager, NextEra Energy

Individual learners can take ICS456 In-Person, Live Online or OnDemand. NERC CIP teams working at registered entities can schedule a private training run within their organization.

sans.org/ics456
giac.org/gcip