



## NERC Standards: CIP and COM



### Background

The module is delivered through the OES-NA Virtual Classroom portal. The class is intended to provide system personnel with an explanation and understanding of the NERC Critical Infrastructure Protection and Communication Standards. The module steps through each of the 11 standards and associated Attachments. Each lesson is culminated with a standard review and quiz. Upon completion of the 11 standard lessons, there is a final assessment that consists of 20 multiple choice questions. Individuals must attain a passing grade of 70% on the final assessment in order to be awarded the NERC CEHs.

### Course Level

Not Applicable

### Target Audience

The class is intended for System Operators and any personnel who wish to gain knowledge of NERC Standards related to Critical Infrastructure Protection and Communication. This module can also be utilized by individuals in preparing to obtain a NERC System Operator Certification Credential. This preparation will assist those individuals who are seeking their initial credential as well as those seeking recertification.

### NERC Continuing Education Hours

**TOTAL:** 7.0 CEHs  
**Standards:** 7.0 CEHs  
**Ops Topics:** 7.0 CEHs  
**Sim:** 0.0 CEHs

### NERC Emergency Training Requirement

7.0 hours of Emergency Training

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## Module Content

### CIP and COM Standards Review

The module steps through 11 lessons related to the 9 CIP and 2 COM Standards. Each lesson identifies and explains the Purpose, Applicability, Requirements, Measures, and Compliance elements for that particular standard. The Standards addressed include:

- CIP-001-1: Sabotage Reporting
- CIP-002-1: Cyber Asset Identification
- CIP-003-1: Security Management Controls
- CIP-004-1: Personnel and Training
- CIP-005-1: Electronic Security Perimeter
- CIP-006-1: Physical Security of Critical Cyber Assets
- CIP-007-1: Cyber Security: Systems Security Management
- CIP-008-1: Cyber Security: Incident Reporting and Response Planning
- CIP-009-1: Cyber Security: Recovery Plans for Critical Cyber Assets
- COM-001-0: Telecommunications
- COM-002-0: Communications and Coordination

## Delivery Schedule

Because the module is delivered on an individual basis via the Internet, individuals have the ability to set their own pace and schedule for completion of the module. Registered students are provided with 6 months from the time of registration to complete the module.

## Student Requirements

- Students must sign-in using their individual log-in and password to access the module.
- Students are required to provide their NERC SO Certification # and other applicable contact information during the module registration process.
- Students must complete all module material prior to attempting the final assessment.
- Students must successfully earn a 70% grade on the final activity assessment.
- Students must submit a course evaluation form. (Level of completion is not measured, but full completion is desired)

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