

NERC Standards NOW! - PRC

Background

This NERC Standards NOW! online course is delivered through [Spark! By OES-NA](#). The course is intended to provide system personnel with an explanation and understanding of the NERC Protection and Control Standards. The course steps through each of the 17 standards. Each lesson is culminated with a standard review and quiz. Upon completion of the 17 standard lessons, there is a final assessment that consists of 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 course is intended for System Operators and any personnel who wish to gain knowledge of NERC Standards related to Protection and Control. This course 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:	6.5 CEHs
Standards:	6.5 CEHs
Ops Topics:	6.5 CEHs
Sim:	0.0 CEHS

NERC Emergency Training Requirement

6.5 hours of Emergency Training

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Course Content

PRC Standards Review

This online course steps through 17 lessons related to the 17 PRC Standards. Each lesson identifies and explains the Purpose, Applicability, Requirements, Measures, Compliance, and Violation Severity Levels elements for that particular standard. The Standards addressed include:

- PRC-001-1.1 - System Protection Coordination
- PRC-002-2 - Disturbance Monitoring and Reporting Requirements
- PRC-004-5(i) - Protection System Misoperation Identification and Correction
- PRC-005-6 - Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance
- PRC-006-3 - Automatic Underfrequency Load Shedding
- PRC-008-0 - Underfrequency Load Shedding Equipment Maintenance Programs
- PRC-010-2 - Under Voltage Load Shedding
- PRC-011-0 - UVLS System Maintenance and Testing
- PRC-015-1 - Remedial Action Scheme Data and Documentation
- PRC-016-1 - Remedial Action Scheme Misoperations
- PRC-017-1 - Remedial Action Scheme Maintenance and Testing
- PRC-018-1 - Disturbance Monitoring Equipment Installation and Data Reporting
- PRC-019-2 - Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls, and Protection
- PRC-023-4 - Transmission Relay Loadability
- PRC-024-2 - Generator Frequency and Voltage Protective Relay Settings
- PRC-025-2 - Generator Relay Loadability
- PRC-026-1 - Relay Performance During Stable Power Swings

Delivery Schedule

Because the course is delivered on an individual basis via the Internet, individuals have the ability to set their own pace and schedule for completion of the course. Registered students are provided with 12 months from the time of registration to complete the course.

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Student Requirements

- Students must sign-in using their individual log-in and password to access the course.
- Students are required to provide their NERC SO Certification # and other applicable contact information during the course registration process.
- Students must complete all course 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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