

System Operator Certification

Associated Industries: Architecture and Construction | Business, Management, & Administration | Law & Public Safety | Manufacturing | Transportation, Distribution & Logistics

Description and Labor Market Information

The System Operator Certification relates to management and operation or interconnected electrical energy systems. The certification program promotes reliability of the North American bulk power system (BPS) by ensuring that employers have a workforce of system operators that meet minimum qualifications.

This credential was associated with 13 occupations that were identified as well-paying and in demand. Overall, those occupations represent 24,516 positions with 2,941 annual openings within the state and median hourly earnings of \$27.75.

Sample Occupations

Electrical Engineers

Median Hourly Earnings: \$43.78
 Typical Entry Level Education Requirement: Bachelor's degree
 Total Positions: 888
 Annual Job Openings: 68

Water and Wastewater Treatment Plant and System Operators

Median Hourly Earnings: \$25.90
 Typical Entry Level Education Requirement: High school diploma or equivalent
 Total Positions: 459
 Annual Job Openings: 45

Training and Development Specialists

Median Hourly Earnings: \$28.41
 Typical Entry Level Education Requirement: Bachelor's degree
 Total Positions: 1,192
 Annual Job Openings: 140

Certifying Entity Information

North American Electric Reliability Corporation
Website: www.nerc.com
Phone: (404) 446-9759
Local Availability:
 PSI Testing Center

Exam Details

Age Requirement: N/A
Coursework/Hours to Complete: None
Length of Certification Validity: 3 years
Exam Cost: \$650
Exam Time: 3 hours
Number of Questions: 100 to 120
Pass Rate: N/A

PROMISING CREDENTIALS IN HAWAII

This project has been a joint effort between Kamehameha Schools, the Chamber of Commerce Hawaii, University of Hawaii P-20, and the Harold K.L. Castle Foundation.

Students in Hawaii can earn hundreds of industry-recognized credentials right now. Thousands of students are investing time and resources to achieve these credentials with the hope they will lead to a career that enables them to live and thrive in Hawaii. But how effective are these programs at preparing Hawaii students for future careers and long-term success?

Promising Credentials in Hawaii, a first-of-its-kind analysis for our state, looks at whether the credentials students can earn actually matter in the real world to local employers.

Through intensive labor market analysis and outreach to local Hawaii businesses, this project has identified **137 Promising Credentials** that are associated with in-demand, living wage occupations throughout the state. The process began with identifying **274 Promising Occupations** that met wage and demand thresholds. A list of corresponding credentials for the 274 occupations was then compiled using job postings data. Finally, Hawaii employers from across the state completed surveys and participated in focus groups to narrow the list of nearly 2,000 credentials down to the 137 credentials they say matter most when making hiring and promotion decisions.

The resulting Promising Credentials were identified as relevant in hiring and promotional decisions for multiple in demand and well-paying occupations within the state. A detailed one-page summary of each of these Promising Credentials has been organized for student, school, and community use.

The comprehensive report and associated data can be found at www.HawaiiCareerPathways.org.