

ACI Concrete Field Testing Technician - Grade I

Associated Industries: Architecture and Construction | Life, Physical, and Social Science (STEM) | Transportation, Distribution & Logistics

Description and Labor Market Information

The ACI Concrete Field Testing Technician - Grade I certification indicates an individual has demonstrated the knowledge and ability to properly perform and record the results of seven basic field tests on freshly mixed concrete.

This credential was associated with 4 occupations that were identified as well-paying and in demand. Overall, those occupations represent 1,649 positions with 202 annual openings within the state and median hourly earnings of \$31.76.

Sample Occupations

Construction and Building Inspectors

Median Hourly Earnings: \$30.82

Typical Entry Level Education Requirement: High school diploma or equivalent

Total Positions: 804

Annual Job Openings: 108

Engineering Technicians

Median Hourly Earnings: \$38.27

Typical Entry Level Education Requirement: Associate's degree

Total Positions: 456

Annual Job Openings: 49

Environmental Science and Protection Technicians

Median Hourly Earnings: \$21.83

Typical Entry Level Education Requirement: Associate's degree

Total Positions: 210

Annual Job Openings: 26

Certifying Entity Information

American Concrete Institute

Website: www.concrete.org

Phone: (248) 848-3790

Local Availability:

Hawai'i CCPI

Exam Details

Age Requirement: N/A

Coursework/Hours to Complete: None

Length of Certification Validity: 5 years

Exam Cost: \$134

Exam Time: 1 hour

Number of Questions: 55

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.