

Grant Project Descriptions

Southern Utah University, Cedar City, UT

Organization Type: Institution of Higher Education

Project Name: *Building Apprenticeship Systems In Cybersecurity (BASIC)*

Award Amount: \$3,977,088

Target H-1B Industry Sector(s): Clean Energy and Advanced Manufacturing

Target H-1B Occupations: Computer and Information Systems Managers, Information Security Analyst, Computer Support Specialist Computer Systems Analyst Network and Computer Systems Analyst Network and Computer Systems Analyst

Credential(s) Awarded: Registered Apprenticeships CISSP & Pathway Credentials, Associate's Degree Bachelor's Degree, Master's Degree

New or Existing Apprenticeship Program: Both existing and new apprenticeship programs

Cybersecurity and AI: Cybersecurity

Summary of Apprenticeship Program Activities: Southern Utah University (SUU) was awarded \$3,977,088 to support its *Building Apprenticeship Systems in Cybersecurity (BASIC)* program to address the shortage of highly skilled cybersecurity and information technology talent by developing apprenticeship training programs and educational pathways to increase numbers of highly trained and skilled cybersecurity workers in Advanced Manufacturing and Clean Energy sectors. SUU represents a consortium of Institutions of Higher Educations, in partnership with related trade associations through its Apprenticeship Partnership that will engage employer partners in the Advanced Manufacturing, Cybersecurity and Computing, and Clean Energy. Key partners include Western Center for Advanced Manufacturing Programs (WestCAMP), Inovar, Silicon Forest Electronics, EnergySec, Seattle City Light, Northwest Public Power Association; the Corporation for a Skilled Workforce; and the Regional Education and Training Center (RETC). The BASIC project will serve potential new trainees, existing apprenticeship participants, and incumbent workers, while also providing articulation pathways to both bachelor of applied science (BAS) degrees and professional master's degrees in cybersecurity. The program has a National geographic scope, providing statewide education through employ partner locations and nationwide through online education delivery, participants located in Utah, Michigan, Oregon, and Washington including those in Opportunity Zones.

Geographic Scope: National **Service Area:** Utah: Iron, Beaver, and Utah Counties; Michigan: Washtenaw County; Oregon: Clackamas County; Washington: statewide education will be located through employ partner locations and nationwide through online education delivery. **Opportunity Zone:** Yes

Proposed Number of Apprentices Served: 3,200

Target Population: New trainees, existing apprenticeship participants, and incumbent workers; project also targets veterans, military spouses and transitioning service members, women, communities of color, and ex-offenders.

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