EMBEDDING THE CDT (CONSTRUCTION DOCUMENTS TECHNOLOGIST) IN COMMUNITY COLLEGE DEGREE PROGRAMS

BE PREP

Increasing Technician Preparedness in the Built Environment

The project will transform associate degree programs by embedding critical STEM and industry standards from the Construction Document Technologist (CDT) into two -year education programs. The CDT credential was chosen because it is recognized by employers as a respected entry-level credential and it addresses significant gaps in undergraduate education. This program will help community college students earn the CDT credential while they are still in school.

The project will develop and disseminate new curricular modules for undergraduate students enrolled in architectural technician and construction management associate degree programs and provide professional development for community college faculty and staff. The project outcomes will be useful to other institutions with educational programs in the built environment that are struggling to diversify their student populations, and it will also be useful to those needing to update their curriculum to meet the changing needs in the industry. There is also direct value to student and graduate job-seekers who will be better able to certify their knowledge and skills to employers.

Help us promote the value of the CDT for students!

Share this opportunity with CSI chapter members who are educators or adjunct faculty!

IMPLEMENTATION PROJECT PARTNERS:

- Sinclair Community College (OH)
- Columbus State Community College (OH)
- The Construction Specifications Institute (VA)
- Building Efficiency for a Sustainable Tomorrow (NSF ATE Center) (CA)

EVALUATION PARTNER:

- The Rucks Group (OH)

PROJECT GOAL:

Provide community college students, including underrepresented populations, an opportunity to master STEM competencies and industry standards in demand by employers and increase graduate employability in a variety of built environment jobs.

PROJECT OBJECTIVES:

- Update community college curriculum to address knowledge and skill gaps of graduates.
- Increase female and minority student enrollments in targeted undergraduate programs.
- Increase community colleges' capacity to meet employer needs.
- Increase graduate employment and preparedness of technicians in built environment industries.

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