DATA
Data Analytics Technician Advancement

Project Summary
September 1, 2017 to August 31, 2020

Columbus State Community College, in partnership with Central Ohio companies, regional high schools, and two regional universities will develop a new career pathway in Data Analytics. The career pathway will have two tracks: one for incoming students from regional high schools; and one for veterans and underemployed incumbent workers.

INTELLECTUAL MERIT & BROADER IMPACTS

The use of big data is a driving force behind much of the decision making and problem solving taking place in our communities today. As the need for a workforce with increasingly sophisticated technology skills increases, so does the importance of a curriculum that provides individuals with foundational science, technology, engineering, and mathematics (STEM) knowledge as well as specific technology competencies. The goal of this ATE project is to establish a Data Analytics Technician Pathway in the Central Ohio Region to increase the supply of qualified data technicians. The deliverables of the project include the creation of an industry internship guide to assist both students and employers with setting internship standards and the creation of model curriculum for a certificate and Associate's degree. In addition, an outreach plan will be developed to veteran populations, as well as active military, into the DATA program.

PROJECT DELIVERABLES

1. An industry-led curriculum in data analytics to include both a certificate and Associate of Applied Science degree in Data Analytics and Information Systems.

2. A 2+2+2 Data Analytics pathway to facilitate the education pipeline featuring model articulation agreements from high school to community college and then to university level baccalaureate programs.

3. Creation of an internship guide developed in collaboration between Columbus State and Education Development Center.

4. Development of learning modules that educate students on the foundational aspects of data analytics. These will be adaptable for contextualized courses within other non-computer science programs.

5. Targeted outreach plan focused on the veteran and current military populations.

CONTACT INFORMATION

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