



GIS Technology: Mapping, Data Management and Work-Based Learning Across Industry Sectors

Project overview

The goal of this project is to establish a one-year certificate program in Geographic Information Systems (GIS) and provide students with work and project-based experience to meet local industry needs.

Project objectives

Objective #1: Create a one-year pathway to a GIS Analyst Certificate

Objective #2: Provide students with GIS work-based experiences

Funding

National Science Foundation
ATE Grant #1800779



Timeframe

2018 – 2022
3 year grant
+ 1 year no-cost extension


Award amount


\$224,904 over 4 years


Achievements


- Established Certificate of Achievement with 5 courses
- 5 Certificates conferred in first year (2019 – 2020)
- Enrollment increase of over 50% for 2nd Year
- Internships for 3 students

Skills Acquired

data acquisition 

database management 

cartography 

web application development 

Partnerships

