Collecting Student Data in ATE: Strategies for Success From Bridgerland Technical College

- **NSF ATE #2100322 "Teaching Technicians Troubleshooting with Mini Industry 4.0 Factories" (TTTMI4.0F)**
- **NSF ATE #2202090 "Distance-Enabled Industry-Led Data Analytics Technician Pathway" (ILDAP)**

Keys to Collecting Student Data

- Use a grants activity tracker
    - Create columns that line up with annual evaluate survey questions
    - Create columns that line up with grant dissemination activities
    - Create columns that line up with grant outcomes
    - Create columns for activity information such as date, categorization of activity, duration, grant worker, demographics
- Collect throughout the year
    - Incorporate the collection of data into meetings
    - Everyone is responsible for collecting evidence
- Share with evaluator

Keys to Collecting Curriculum Design Activities

- Use a project management software to collect data for
  - Course level information
  - Curricular structure
    - mapping
    - assignments
    - labs
    - quizzes
    - rubrics
    - styling
- Incorporate into workflow
  - Project management and prioritization of instructional design tasks.
  - Incorporate the collection of data into meetings
  - Everyone is responsible updating tracker/sharing progress in meetings

Grant Activity Tracker - Blank

Grant Activity Tracker - Filled

Progress Standing Tracker - Blank

Progress Standing Tracker - Filled

Scan for free templates!