

**National Science Foundation (NSF) Advanced Technology Education (ATE)  
Logistics Engineering Technician Work Study (LETWS) (1700520)  
Project Summary**

**Total: \$ 687,904**

**Project Period: 5/15/2017 to 4/30/2020**

**PI: Lee Blyth, Professor**

**Co-PI: Jeremy Banta, Instructor**

**Project Coordinator: Tara Sheffer**

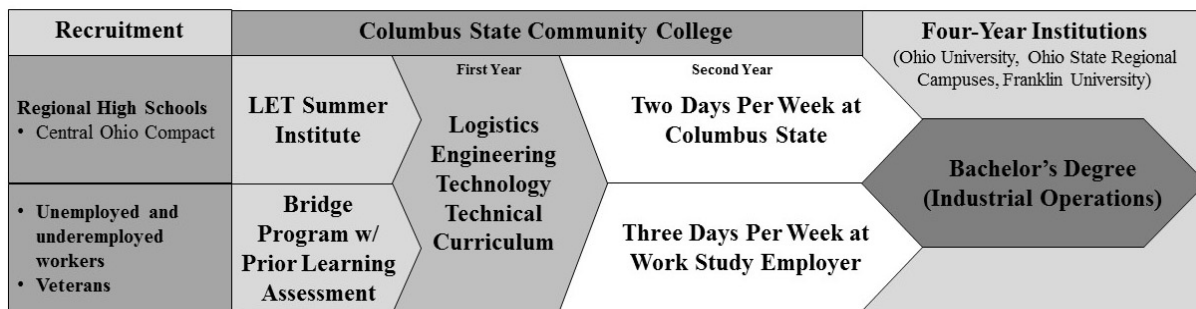


Columbus State Community College will collaborate with universities, high schools, and several regional employers to implement a project focused on educating next-generation technicians in Logistics Engineering Technology to address skills gaps in the Central Ohio Region. Logistics Engineering Technology integrating logistics, engineering and IT. The project goals are to enhance the existing career pathway for logistics engineering technicians with real-world experiential learning supporting the increasingly complex technology needs of the supply chain sector, and to provide program graduates with directed employment opportunities in a variety of industries. This project will leverage a proven work-study model and adopt and adapt it by expanding the model to the growing Central Ohio logistics industry and to include adult underemployed, incumbent workers and military veterans.

**Goals, Objectives, and Deliverables**

The main LETWS project goal is to enhance the career pathway for logistics engineering technicians with the experiential learning and directed employment opportunities. The **project objectives** include:

1. To adapt and adopt a successful **work study** into the Logistics Engineering Program.
2. To develop a Logistics Engineering Technology Work Study **Summer Institute** for high school graduates.
3. To create a **Bridge Program** with Prior Learning Assessments (PLA) for adult learners.
4. To create a hands-on learning experience for students in a state-of-the-art **Logistics Engineering Technology (LET) lab** facility that will provide the real-work experience in designing and using LET software and hardware.



Project Component	AY 2017-18	AY 2018-19	AY 2019-20	Total
Logistics Engineering Technology Associate Degree	5	10	15	30
Logistics Engineering Technology Work Study	1	5	10	16
Pre-college: Summer Institute	10	15	20	45
Adult Learner: Bridge Program	5	10	10	25