

**Ohio Department of Higher Education (ODHE)**  
**Ohio Means Internships and Coops / OMIC 4.0**  
**(Lead: Ohio State)**

**Total: \$285,833**

**Project Period: 7/1/2017 to 6/30/2019**

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Columbus State Community College proposes to continue and expand the experiential learning initiative. Leveraging the connection with LIFT, the equipment purchased under the RAPIDS grant, and the Modern Manufacturing Work Study program and Logistic Engineering Technology projects funded by the National Science Foundation, the Columbus State Community College OMIC 4.0 project will involve six components:

1. Continue to expand the internship opportunities that align with the manufacturing industry by providing stipends to 20 interns per year for two years within the Modern Manufacturing Work Study program, electro-mechanical engineering, mechanical engineering, electrical engineering, pre-engineering and logistics engineering technology
2. Integrate with the Modern Manufacturing Summer Camp, a session to prepare students for the work study experience
3. Enhance the non-credit Columbus State internship course—expanding to students in the Pre-Engineering Associate of Science Degree program
4. Enhance internship program capacity through PT Internship Specialist to maintain internship information in database on host employers, student interns, and faculty data.
5. Leverage the online OMIC modules and modify the existing internship curriculum to create new course materials

The projected employers for the Columbus State OMIC 4.0 project will be:

- Honda North America Services LLC (automotive manufacturer)
- Rimrock Corporation (robotic integrator and automation technologies)
- Autotool Inc. (industrial automation and industrial systems)
- Stanley Convergent Security Solutions, Inc. (electronic security services)
- Kroger Distribution (automation technologies)
- PharmaForce (automation technologies)