

Helping Local Employers Prepare the Existing and Future Workforce for

Industry 4.0

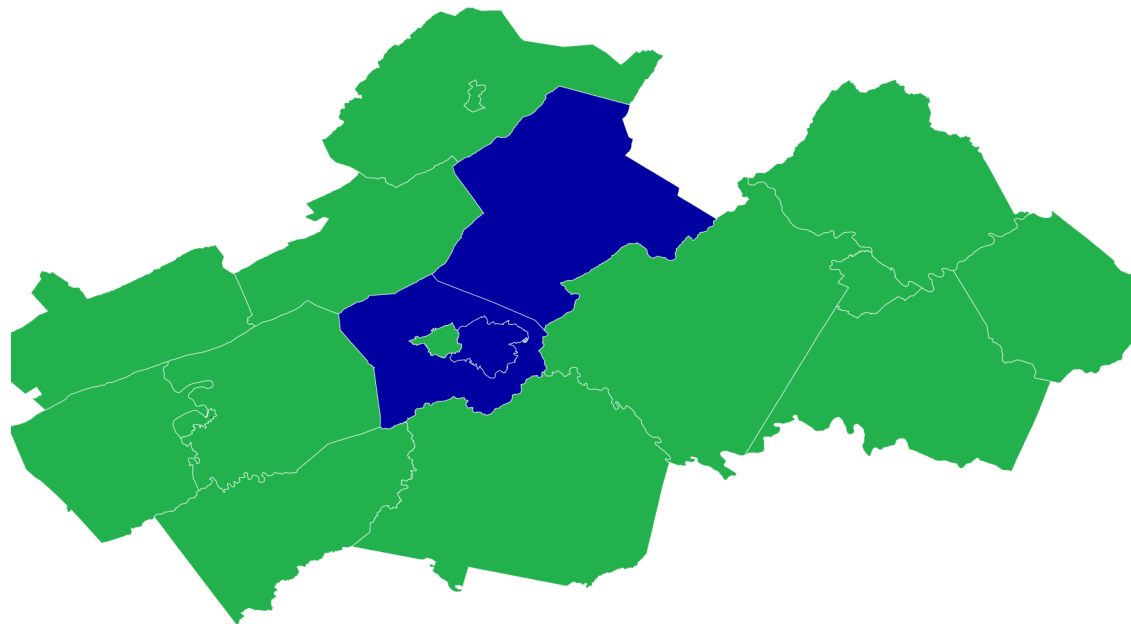
Virginia Tech Grado Department of Industrial and Systems Engineering (ISE) Learning Factory; Virginia Tech

Roanoke Center

Counties of Botetourt and Roanoke, City of Roanoke

Project Start Date: 8/1/2021

Project End Date: 6/30/2022



Closing the gap between existing workforce knowledge, skills and abilities and those required for living and thriving in an Industry 4.0 world.

This project will address the need for specifically trained talent in the Region 2 workforce by creating experiential learning opportunities in specific local technologies and drafting a non-credit curriculum for existing workforce development. By convening employers and identifying specific Industry 4.0 technologies in use at their facilities, the Virginia Tech Grado Department of Industrial and Systems Engineering (ISE) will acquire the appropriate technology and develop experiential learning opportunities in its Learning Factory for training employees and students.

METRICS



of student experiential projects



Industry 4.0 Draft Curriculum



of employers/businesses engaged

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