



## Utah Cluster Acceleration Partnership Grant Proposal

**Name of Educational Institution:** Bridgerland Applied Technology College  
(BATC)

**Primary Contact Person:** John Davidson  
Associate Vice President  
Bridgerland Applied Technology College  
1301 N 600 W, Logan UT 84325  
[Jdavidson@batc.edu](mailto:Jdavidson@batc.edu)

### Abstract:

**Summary:** Bridgerland Applied Technology College is requesting funds to develop an advanced certificate in the Automated Manufacturing and Robotics program called Controls Engineering Technician. This grant request is to help purchase Lab equipment and trainers, develop curriculum and online courses to be able to offer this program at BATC Logan and Brigham City.

**Applicant Type:** Educational Institution Post-Secondary

**Targeted Industries and Occupations:** Advanced Automated Manufacturing, Advanced Robotics Production, Maintenance, Programming

**Project Title:** BATC Controls Engineering Technician

### Key Partners and Secondary Educational Institutions:

Bridgerland Applied Technology College, Box Elder School District, Cache County School District, Logan City School District, Autoliv, Orbital ATK, Icon Health and Fitness, Pepperidge Farms, Schreiber Foods, Presto Products, ASI, Fanuc

**Counties to be Served:** Box Elder County, Cache County, Rich County

**Projected Outcomes:** Develop an advanced Controls Engineering Technician training certificate at BATC. Expand Automated Manufacturing and Robotics industry certification to include training courses in controls engineering in both Logan and Brigham City to support the growing need of local industry for qualified people.

**Funding Level Requested:** \$200,000

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## Utah Cluster Acceleration Partnership Grant Proposal

**Name of Educational Institution:**

Utah State University Brigham City Regional Campus (USU-BC) and Bridgerland Applied Technology College (BATC)

**Primary Contact Person:**

Thomas Lee  
tom.lee@usu.edu  
John Davidson  
Jdavidson@batc.edu

**Abstract:**

**Summary:**

Utah State University Brigham City Regional Campus and Bridgerland Applied Technology College are requesting funds to purchase equipment and supplies to equip the newly remodeled composites lab at the USU Brigham City Regional Campus.

**Applicant Type:** Educational Institution Post-Secondary

**Targeted Industries and Occupations:** Composites Manufacturing, Production

**Project Title:** USU-BC, BATC shared composites lab at USU Brigham City Regional Campus

**Key Partners and Secondary Educational Institutions:**

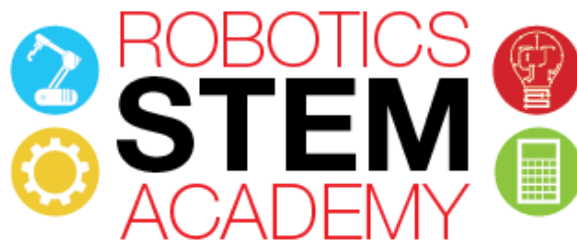
Utah State University Brigham City Regional Campus, Bridgerland Applied Technology College, Box Elder School District, Box Elder County, Autoliv, Orbital ATK, Jones Enterprises, CoorsTech, TCR Composites and Go Composites

**Counties to be Served:** Box Elder County, Cache County

**Projected Outcomes:**

Develop an advanced composites training facility in Brigham City. Expand industry certification training courses in composites to Brigham City to support the growing need of local industry for qualified people.

**Funding Level Requested:** \$200,000



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## Utah Cluster Acceleration Partnership Grant Proposal

**Name of Educational Institution:** Cache County School District for the Bear River Region high schools, MCHS, LHS, SVHS, BRHS, BEHS, RHS and Bridgerland Applied Technology College (BATC)

**Primary Contact Person:** Mike Liechty, Cache County School District.  
mike.liechty@ccsdut.org  
John Davidson, Bridgerland Applied Technology College, Jdavidson@batc.edu

### Abstract:

**Summary:** This proposal is to add additional curriculum, equipment and trainers to the Automated Manufacturing and Robotics STEM Academy System that is broadcast into all high schools in the Bear River Region of Northern Utah every morning at 7:00 AM.

**Applicant Type:** Educational Institution Secondary and Post-Secondary - Cache County School District, Box Elder School District, and Rich County School District, Specifically Mountain Crest High School, Sky View High School, Bear River High School, Box Elder High School, Logan High School and Rich High School, Bridgerland Applied Technology College

**Targeted Industries and Occupations:** High skilled positions in Automated Manufacturing, Mechanized Production, Industrial Robotics, Hydraulics, Pneumatics, Electrical, Electronics, Drone Technology, Manufacturing Processes, and Composites

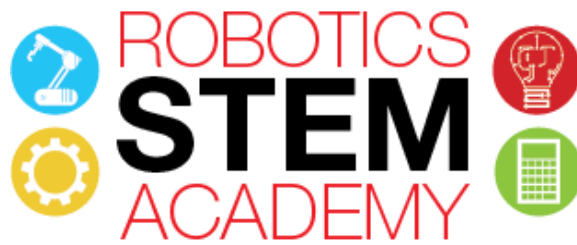
**Project Title:** Automated Manufacturing and Robotics STEM Academy

**Key Partners and Secondary Educational Institutions:** Bridgerland Applied Technology College, Box Elder School District, Cache County School District, Logan City School District, Rich County School District, Autoliv, Orbital ATK, Icon Health and Fitness, Pepperidge Farms, Schreiber Foods, Presto Products, Fanuc America Corporation, Autonomous Solutions Inc, Motoman Robotics, Icon Health and Fitness, SAE.

**Counties to be Served:** Box Elder County, Cache County, Rich County

**Projected Outcomes:** Increase STEM training opportunities by developing additional components, manufacturing materials and processes and drone technology into the Automated Manufacturing and Robotics Training Academies at all high schools in the Bear River Region.

**Funding Level Requested:** \$200,000



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## Utah Cluster Acceleration Partnership Grant Proposal

**Name of Educational Institution:** Cache County School District for the Bear River Region high schools, MCHS, LHS, SVHS, BRHS, BEHS, RHS and Bridgerland Applied Technology College (BATC)

**Primary Contact Person:** Mike Liechty, Cache County School District.  
mike.liechty@ccsdut.org  
John Davidson, Bridgerland Applied Technology College, Jdavidson@batc.edu

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