

# Innovation Proposal: Welding & Fabrication

Cedar Valley High School

Eagle Mountain, Utah

Contact: Jordan Freeman

Email: [jordanfreeman@alpinedistrict.org](mailto:jordanfreeman@alpinedistrict.org)



## Proposed Innovation

This intermediate to advanced course teaches welding and metalworking skills, preparing students for technical knowledge application in the workplace and project construction. Students gain industry-level qualifications and participate in project-based learning in the welding processes most used in today's industries.

## Purpose and Potential

The Welding and Manufacturing CTE Pathway prepares students with skills that involve turning materials into finished products using skills to design products, set up and safely operate tools and equipment, fabricate with different materials, and prep and finish completed products.

### Courses Include

an in-person classroom setting on campus in an A or B-day rotating schedule.

### Student Outcomes

will be measured through formative and summative assessments to track growth measurements and student progress.

### Funding

Grant funding will be used for the purchase of classroom materials and tools including consumable materials.

*Under House Bill 386, Local Education Agencies can approve up to \$5,000 in grant funding for innovation programs. The innovation outlined here is one example that has been approved for implementation. Learn more at [schools.utah.gov/ulead](https://schools.utah.gov/ulead)*