



Memo

To: Superintendent Gina Butters, Weber School District Board of Education
From: Dr. Rod Belnap, Career and Technical Education Director
Date: August 24, 2026
Re: XTool CNC Cutter/Welder Fabrication

Weber District CTE teaches a wide range of classes in manufacturing from welding, machining, composites, and engineering. Last year, in our CLNA (needs assessment) it indicated that one of the fastest growing and largest sector was in manufacturing. That said, in order to give students experience that is foundational, build valuable skills preparing them for the world of work and to be Future Ready, we want to give students access to technology to grow those skills and point them to careers that are high-wage high-demand in Weber County. To do this, we want to purchase a product called the XTool CNC cutter, welder, and fabricator to be paid for by our Federal Perkins Grant the needed funding.

The total amount requested for purchase approval: The purchase of four xTool CNC Cutter/Welder/Fabrication Systems will expand student access to advanced manufacturing technologies that align with Utah CTE standards and the needs of Utah's growing manufacturing, engineering, and skilled trades industries. These systems provide students with hands-on experience in digital design, CNC fabrication, laser cutting, engraving, prototyping, and product development using industry-relevant equipment.

With four systems available, multiple classes can utilize the equipment simultaneously, allowing more students to participate in authentic project-based learning while reducing wait times and increasing instructional efficiency. The equipment will support coursework in manufacturing, engineering, welding, robotics, entrepreneurship, and product design, while helping students develop both technical competencies and durable skills such as problem solving, collaboration, creativity, and precision.

This \$20,000 investment will enhance career readiness, strengthen industry-aligned instruction, and provide students with the opportunity to earn valuable, real-world experience using modern fabrication technology that prepares them for high-demand careers and postsecondary education.

We have budgeted a total of \$80,000.00 to purchase 4 of these cutters each costing \$20,000 to be placed at different school sites. They will be used in multiple classes from welding to machining to engineering and design and art. None of this money will come from district CTE, instead it is funded from the Federal Perkins Grant written by WSD CTE.

CTE would be happy to provide you with any further information or answer questions regarding this purchase. Thank you for your support and consideration regarding these items.

Professionally,

Rod Belnap, CTE Director