

ROP CLASSES

CHANGING IMPOSSIBLE

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Welding For A Good Cause

by Lorena Delton

Barstow High School students Harley Knisley, Quinlin Batol, David Bobak, Alexander Perry and Jacob Aaron are enrolled in the ROP Welding Certification class and are part of the Welding Club. Mr. Avila the ROP Welding instructor started a Welding Club for students that want to work on extra projects that require more advance welding techniques. The Club meets every day during lunch and Tuesdays after school.

One day a former teacher who wishes to be anonymous came to Mr. Avila and asked if his welding club was up for a challenge with a major project.

He ran the details of the project to the students and they became very excited. The project was to build a handy cap ramp for someone in the community. The ramp had to be built to certain specifications. The students along with Mr. Avila went and took measurements on how long and how high the ramp had to be. Once the blue prints were drawn the materials were purchased by the people that needed the ramp. When the material arrived at the welding shop Harley, Quinlin, David, Alex, Jacob along with Mr. Avila started working on the ramp during lunch and after school. It took 5 months to complete the ramp. The ramp was then transported to the client's house where they had to assemble it. This project was very rewarding because the students knew that they had made a difference for someone out in the community that needed their help.



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On a daily basis students are working on projects and learning different welds to hold their projects together. In the month of February they are learning how to make roses out of metal. Some students are working on bigger projects. As it shows on the picture Mathew Alvarez, Alexander Perry, and Alex Garcia are doing team work on a calla lily flower for someone's front yard display. Alex is also using the computer controlled plasma cutter. He designed a game piece that was cut on the plasma cutter which he will be using for a project in a different classroom.

Barstow High School is working close with Barstow Community College, San Bernardino Valley College, Victor Valley Community College and Chaffey Community College to get our ROP CTE courses articulated. This means that the students that take ROP CTE courses at the high school level will also be able to get college credit at the same time. Students will take a test that is created by both high school instructors along with college instructors so that they can determine which students are prepared to go into the next college level class.

