

PLTW NEWS

UMHS Engineering program

In this issue:

- Where did the first four years go?
- Where are our graduates headed?
- New developments

Where did the first four years go?

This program was started at UMHS approximately 4 years ago. The goal of Project Lead the Way (PLTW) was to expose students to the world of engineering and to gain career ready skills. Since then we have developed a pathway that has 4 classes (Introduction to Engineering Design, Principles of Engineering, Computer Integrated Manufacturing, and Engineering Development and Design). The 3 of the 4 courses have been recognized as honors courses by the California UC system (POE, CIM and EDD). Our students now complete a program that allows them to become familiar with: CAD design, 3D printing, CNC milling and programming, LASER cutting, animatronics, computerized handshaking, as well as introductory civil engineering.

Those who completed the first four years for PLTW are off to bigger things. Look at where some of our graduates went:

- Embry -Riddle
- Cal Poly San Luis Obispo
- UC Berkley
- UC Irvine
- Pepperdine
- Northern Arizona University
- Chico State
- US Marine Corp
- US Navy
- US Coast Guard
- Folsom Lake College
- Helena Community College
- Clatsop Community College

“Art without engineering is dreaming, Engineering without art is calculating”

-Steven Roberts

We are proud of each graduate and wish them the best!

Just getting underway:

We are proud to announce that we are now starting a Future Engineers Club as well as a Women’s Engineering Club (Lady Edison Society). We are hoping to gain more students, participate in competitions and do outreach to lower grade levels with these clubs.

