



Building Trades “Decks it for Hall”



The ACC Building Trades class has been busy constructing a new ticket booth for Hall High School.

Whenever possible, the ACC curricula calls for engaging students in productive and meaningful projects that are present in the real world outside of High School. This mission is none the more evident than in the ACC Building Trades class.

For the better part of a month the Building Trades class has been constructing a ticket booth that will be used by Hall High School for their home football games. The classes are responsible for constructing all aspects of the project, from the roof down to the siding that will cover the outside of the booth. In an additional feat of planning, the entire project is being made so it can be disassembled in sections and reconstructed on site at Hall HS.

As the students and instructor work through the final construction pieces, they will prepare it for a basic wiring installation which will be completed by the Residential Wiring program of the ACC.



A side view of the Athletic Ticket Booth that the ACC students are building for Hall High School. The preconstruction takes place in the Building Trades work space of the ACC. The project will then be deconstructed and reassembled on site at Hall HS.



Ed and Neil Nadolski of the Carpenters Local 195 Ottawa
Thank You Carpenters!

CARPENTERS LOCAL 195 AND FIRE SCIENCE TEAM UP

The Fire Science curriculum is a robust and engaging learning experience in all aspects. However, some parts of the curriculum require an understanding of very dangerous circumstances. When those topics arise, it takes a very creative mind to figure out how to have the students learn without exposing them to extreme danger.

So, when the Fire Science instructors came to the topic of understanding how fires spread, and how different events impact the intensity of the fire, they turned to another set of skilled technicians to convey the understanding. The skilled technicians they turned to, were the local Carpenters Union (Local 195) who donated their time and talents.

With their understanding of home construction, the Carpenters designed and constructed two consumable homes that allow for the simulation of fire conditions, but in a controlled and limited setting. The two homes pictured above are meant to be consumed in set fires.

Small fires will be started in each. Then students will study the effects of opening various sections of the homes, in the same way Firefighters would be required to do so at an actual fire. Students will then see the effect of opening a hole in the roof, as opposed to breaching a door or side wall. In doing so, they will understand the consequences of various approaches and learn techniques that will provide added elements of safety and understanding to their learning. (look for pictures of the buildings in use in future issues)



LPHS Student Hunter Kaszynski works on the plasma table preparing his design for the cutting process.

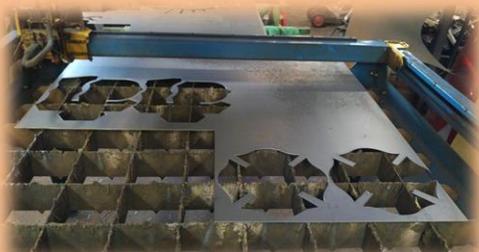
The Welding “Program”

When outsiders are told that the ACC has a welding program, the usual phrases of TIG, MIG , ARC, etc. are what come to mind. Those are appropriate, but if one confines themselves to thinking specifically of just welding, they miss an integral and technologically rich part of the curriculum. That part is the use of Design tools that are incorporated into the use of a plasma cutter.

For those that are unaware, a plasma cutter is a device that uses a stream of electrically ionized gas that is heated to a very high temperature. The ionized gas is then confined to a very precise stream and controlled by a computerized management system. The super-hot, precision controlled gas is directed across various type of metals to cut out designs that are developed on a piece of computerized design software.

In Mr. Joe Villareal’s ACC Welding class, students become the teacher, as they instruct their fellow students on the use of the Plasma cutter. Designed around a “train the trainer” philosophy, Mr. Villareal uses a cadre of his advanced students to explain and assist his upcoming students on the uses and potentials of the plasma cutter.

Below: An example of designs cut out by the Plasma cutter.



Graphic Communications Sponsors Internships

In Mrs. Deborah Parisot’s Graphic Communications class a culminating experience for all of her students is to participate in an internship with a local printing facility. The facility may be a newspaper, a print shop, or even a graphic design studio. In all aspects, the students are given an invaluable experience that allows them to see the world of work as it pertains to the content area they have been studying.

This experience is part of the student’s grade, and allows them to make career connections with professionals in the industry. As countless studies have shown, giving students the contact with adults who can vouch, assist, train, and hire them is of the most importance in their transition to adult professional life. We commend Mrs. Parisot for her commitment to obtaining these connections for her students.



Pictured are Sheetwise owner Scott Heller, student Ernie Arriaga - LP, instructor Debora Parisot, and student Connor Whitten – Hall.



Maria Madrigal (Depue) & Riley Stillwell (Henry-Senachwine) with instructor Barb Rutkowski

[Click Here to Learn About ACC Students of the Month: Riley Stillwell and Maria Madrigal](#)

Contact Us:
200 9th Street
Peru, Illinois 61354
Phone: 815-223-2454
Fax: 815-220-8267
Web: www.lpacc.org

Director:
Dwayne Mentgen
E-Mail: dmentgen@lpacc.net