Making the Connection

Thursday, November 7, 2019

L'Anse Creuse Public Schools

The Frederick V. Pankow Center

Career and Technical Education

Brand New Climate Control Technology program - beginning 2019-2020 school year

Several years ago, Frederick V. Pankow Center administrators John Haas and Dean Sabelhaus were presented with a grant from a private donor to be used on something "outside of the box". The donor stipulated that this donation was "seed money" to be used on something creative. The end result was the development of a Climate Control Technology program that is now operating at the Pankow Center for the 2019-20 school-year and beyond.

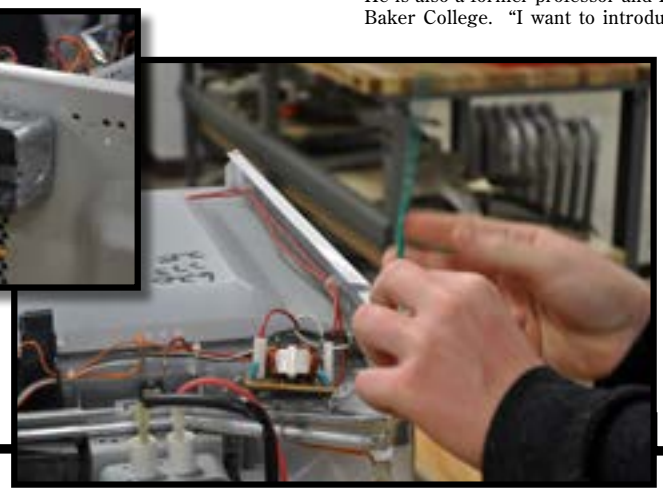
The program is simply called: HVAC, which stands for Heating, Ventilation, and Air Conditioning. It is a survey level course that is designed to give students the opportunity the develop skills and foster knowledge relating to residential and commercial climate control technologies, including refrigeration.

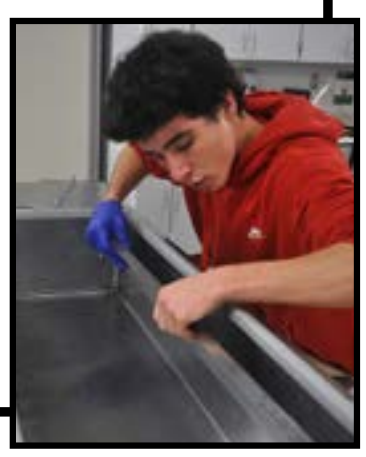
The field of HVAC encompasses so many different skill sets including electricity and electronics, plumbing and pipefitting, welding and brazing, and controls that it made sense to Pankow administration to develop this course as a general springboard for students to enter a variety of career pathways. "We wanted a course that gave students a lot of bang for our buck" said Mr. Sabelhaus. This past summer, Instructor John Lakey was hired to develop and teach the course. Mr. Lakey has several decades of experience in the industry, working on a variety of different systems over the years. He is also a former professor and Director of HVAC Technology at Baker College. "I want to introduce them [students] to a variety of jobs and career pathways" says Mr. Lakey, whose passion for the industry is evident in every conversation. "I want to help students see all of the opportunity that exists and how well they can do for themselves in this industry", adding: "I want to help them get jobs and set up careers".

Two classrooms at the Pankow Center were converted this past year into an HVAC laboratory. Working residential gas forced air systems were set up as student modules for operation and troubleshooting lessons. A residential boiler and hot water tank were also installed in a closed loop fashion for students to experience as well. "We even left ceiling tile out in strategic locations and replaced them with plexi-glass panels in order for our students to be able to see the inner workings of a commercial building" said Sabelhaus, "allowing them to see all of the gas piping, ductwork, electrical runs, and electronics that are normally hidden above the ceiling".

Students enrolled in the HVAC program at Pankow will have the opportunity to continue their education in this field in a multitude of ways. Articulation Agreements are currently being developed with Macomb Community College that will allow graduates to continue their education one step and several credits ahead of their peers. Current underclassmen in the HVAC program at Pankow will be eligible for a Dual Enrollment experience at Macomb, should they chose to further their education in HVAC while still in high school.

HVAC is considered a high-wage, high-demand career pathway and L'Anse Creuse Public Schools is excited to be offering its students this course.





SPORTS MEDICINE PT / OT

Are you interested in a high-demand career in rehabilitative medicine? The Pankow Center addresses the rapidly changing needs of the healthcare industry and offers career exploration within sports medicine, physical and occupational therapy, and athletic training. Students taking this course will gain hands-on entry-level skills with regard to patient care. Students will learn the fundamentals of patient mobility, injury prevention, ambulation techniques and range of motion, as well as medical anatomy and physiology terminology with an emphasis on the musculoskeletal system.

Additionally, students will learn important industry communications skills, the impact of legal and ethical issues, OSHA safety standards, First Aid, and CPR training. Students are also given the opportunity to participle in a Work-based Learning experience, allowing them to shadow career professionals in a local elder care facility.

All students enrolled in the Sports Medicine, Physical and Occupational Therapy course have the opportunity to join HOSA *(Health Occupations Students of America)*, an international student leadership organization whose purpose is to promote career opportunities in the industry and enhance the quality of health care. Students choosing to become members of the Pankow HOSA chapter will compete annually with other regional high school chapters to learn beyond basic technical skills, while developing life-long characteristics for strong leadership and motivation needed to succeed as future healthcare professionals.

page layout design:
Students of the Graphic Arts and Design Technology Program

FVPC
THE FREDERICK V. PANKOW CENTER

For more information about any of our career based courses, visit us at the The Frederick V. Pankow Center link at www.lc-ps.org

Anchor Bay Schools
Armada Area Schools
Center Line Public Schools
Chippewa Valley Schools
Clintondale Community Schools
East Detroit Public Schools
Fitzgerald Public Schools
Fraser Public Schools
Lake Shore Public Schools
Lakeview Public Schools
L'Anse Creuse Public Schools

For more information about CTE,
contact Shannon Williams at 586-228-3488
or swilliwms@misd.net

Macomb Intermediate School District
44001 Garfield Road
Clinton Township, MI 48038
586-228-3300
for more information about the MISD and the 21 school districts, go to
www.misd.net

Mount Clemens Community Schools
New Haven Community Schools
Richmond Community Schools
Romeo Community Schools
Roseville Community Schools
South Lake Schools
Utica Community Schools
Van Dyke Public Schools
Warren Consolidated Schools
Warren Woods Pubic Schools