

Making the Connection

Thursday, October 24th, 2019

Lakeview Public Schools

ST. CLAIR SHORES

Lakeview CTE provides students with skills

Lakeview's Engineering Program allows students to gain meaningful experiences

By Senior Hailey Cingel

Lakeview High School offers an interactive career and technical education program in engineering. Students in this class learn to work with NX software, an advanced CAD program used to help students design manufactured products.

Every year, the class prepares a 3D-printed craft to be sold at the Lakeview Marching Band's Christmas craft show. The class designs different objects and then decides which model to print and sell for the show. 2019's holiday craft show will be held at Lakeview High School on the weekend of Nov. 9-10.

"We're designing a fishbowl snowman for the Christmas craft show, which will also include 3D-printed objects within the sculpture," stated senior Nathan Wittenberg. "Every year in November, there's the band booster club craft fair, and we design, build, and mass produce something for it.

All of the proceeds go to our classroom supplies to help support our 3D printing projects," stated engineering instructor Jolaine Price. Beginner students have more structured projects, while more advanced students have more leeway in what designs they create.

"My advanced students pick a different project, and this year we haven't chosen one yet. We try to participate in some design competitions locally, so once those get rolled out, we'll usually participate with that," stated Price. Students in the engineering class chose a number of different things to create and print over the years including different types of toys and phone cases.

"Some kids like to create 3D-printed toys like chess boards and chess pieces. And then there are some students who want to create the items we sell at the craft fair," stated Price.

In addition to printed projects, students also develop a complete resume, which students believe will be helpful for their futures. "We are creating a resume, where we compile all of our past work, and I think that's going to be influential for my future if I try to go into something that has to do with CAD and engineering," stated Wittenberg.

Lakeview Teacher Cadet Program starts new year with new approaches

By Junior Aili Mayfield

For the last 11 years, the Teacher Cadet program at Lakeview High School has expanded and instilled a desire and a passion for teaching hundreds of students. This year, the Teacher Cadet program is expecting to use some new strategies to benefit the program.

Over the summer, Teacher Cadet instructor Elizabeth Curd went to South Carolina to attend a training for the program. As a result, Curd was able to see and gain new ideas on how to better run the program.

"South Carolina is where the program piloted, so it is big business down there. We went page by page (through the curriculum); it took an entire three days," recalled Curd. Curd had the oppor-

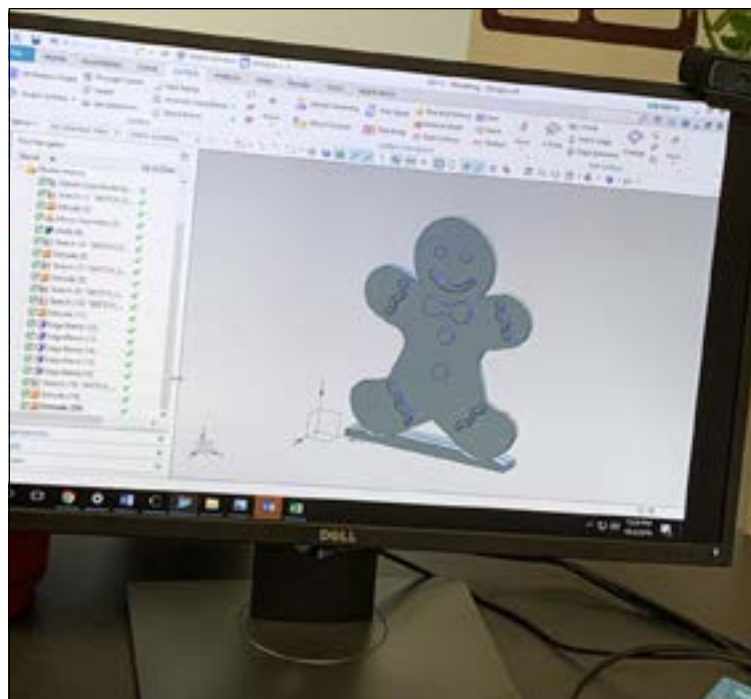


PHOTO BY HAILEY CINGEL

Using the NX program, engineering students design holiday ornaments.



PHOTO BY LEAH SARGEANT

Auto teacher Jim Schneider looks under the hood with some of his automotive students.

tunity to recognize areas that needed revision.

"Some things I learned are that paperwork has to be done differently and some of the expectations for my kids have to be a little different. This year, we will be getting workbooks and will be spending more time in the classroom," stated Curd.

One assignment Curd decided to revise is the Bulletin Board project. This is a very big assignment for Lakeview Teacher Cadet Students. "All of my students have to do a bulletin board as one of their main assignments. Usually, students create this project at their assigned school, but this year that's not the case. Instead, they will be making their boards on the back of the doors, not only at their selected elementary school, but also here at the high school," explained Curd.

Curd would also like to increase membership this year. Currently, the program only has 13 students; however, she wants to get the word out that this is a great opportunity for students at Lakeview and throughout Macomb County.

"My goal is to increase membership. Even though it may take a couple of years to accomplish, I'd like to have enough students to have two sections of Teacher Cadets," Curd said. Lakeview students who take this course look forward to the class and are thankful for the experience they've had throughout the class.

"I absolutely love it! It is by far my favorite part of the day and makes getting up to come to school worth it," said Dilyn Stevens, '20. Curd not only wants the very best for the program but also

for her students who work very hard in the class.

"I want my Teacher Cadet students to feel comfortable in front of other people, and of course in front of a classroom. I also want them to stick with it and not quit," explained Curd. Curd is extremely passionate about her job and wants to reflect that to those she teaches.

"I don't care what anybody says, teaching is a good career. It's solid, and it is just so wonderful. I am very thrilled to be able to honor those who have taught me, by what I do here," said Curd.

Lakeview's auto program gets in gear for another year

By Senior Leah Sargeant

Lakeview students are given the opportunity to explore possible career paths in the automotive industry through Lakeview's Career Technical Education Auto Program. Any student can join, as long as they take the auto systems class as a prerequisite.

The program is a year-long block (90-minute) class that's open to all students in the district, giving students a great understanding of the workings of an automobile. They will learn concepts such as basic electrical, brakes, engine repair, and heating/cooling.

Auto Technology and Industrial Education teacher James Schneider is going onto his 22nd year teaching at Lakeview. He believes that this program can be great for anybody.

"I think this program would



PHOTO BY AILI MAYFIELD

The Teacher Cadet program is expecting to use some new strategies this year.

benefit anybody who wants to take it. Even if it's just to gain life skills, to learn how to work with their hands, and to use tools; even if they're not going to do it for their careers, it's a great asset to have, and we're so lucky to have it right here at the high school," stated Schneider.

The program has a joint partnership with the Ford Motor Company called "The Ace Program". Schneider explained, "Ford Motor Company gave us a 2014 Ford Focus and the training modules that the Ford technicians get, so our students are actually getting Ford training while they're here at the high school."

This program offers so many opportunities to students that have an interest in this particular industry. Students are required to do a visitation at an auto shop

or dealership for about an hour or two to see if this type of work really interests them. It provides them with hands-on experience to see what type of work they would be doing.

Senior Zack Zimmerman has been in the program for four years now and has learned so much. "The automotive program helped me learn how to do more than just basic maintenance and encouraged me to get a project car to learn to do performance related work on," Zimmerman said.

This CTE program can be a great learning experience for anyone who takes it. Schneider encourages everyone to give it a try. Even if it's not what you decide to choose as your career path, understanding how a car works can be beneficial to anyone.

What is Career Technical Education (CTE)?

CTE programs offer students a sequence of courses that provide rigorous content aligned with challenging academic standards as well as relevant technical knowledge and skills needed to prepare students for both further education and careers in current or emerging professions. These programs often include an industry recognized one or more credential, certification, and articulated college credit.

Lakeview High School offers the following CTE programs:

Automotive Technology
Drafting Design
Teacher Cadet

Offered in cooperation with other local districts:

Center Line - JROTC, EMT, Law Enforcement
LC Pankow - Automotive Collision, Culinary Arts, Building Trades, C+ Programming, Medical Assisting, Medical Investigations
Warren Woods - Cosmetology I and II

Nondiscrimination And Access to Equal Education Opportunity It is the policy of the Board that no student in this District shall, on the basis of race, color, religion, national origin or ancestry, age, gender, marital status, sexual orientation, disability, height, weight, and/or any other legally protected characteristic, be discriminated against, excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination of its programs and/or activities. Any person believing they have been discriminated against may bring a complaint to the local civil rights coordinator: Assistant Superintendent, 27575 Harper Avenue St. Clair Shores, MI 48081, 586-445-4000 x 2503

Anchor Bay Schools
Armada Area Schools
Centerline Public Schools
Chippewa Valley Schools
Clintondale Community Schools
Eastpointe Community Schools
Fitzgerald Public Schools
Fraser Public Schools
Lake Shore Public Schools
Lakeview Public Schools
L'Anse Creuse Public Schools
Mount Clemens Community Schools
New Haven Community Schools

For more information about CTE, contact Shannon Williams at 586.228.3488 or swilliams@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

Richmond Community Schools
Romeo Community Schools
Roseville Community Schools
South Lake Community Schools
Utica Community Schools
Van Dyke Public Schools
Warren Consolidated Schools
Warren Woods Public Schools

It is the policy of the MISD that no person on the basis of race, creed, color, religion, national origin, age, sex, height, weight, marital status, or disability shall be discriminated against, excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination in any program or activity for which the MISD is responsible.