

MAKING THE Connection TO Career Technical Education

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ST. CLAIR SHORES

CTE Student of the Year, Building Experience

Lake Shore High School has a Building and Renovations I and II class preparing students for real-world jobs in construction trades. Kyle Dreyer, Lake Shore's Career Technology Education student of the year, is in the Building Renovations II class doing exactly that.

Building Renovations is a class that teaches students all the safe and technical ways to do home renovations including tiling, drywall, and cabinets.

Many people know how beneficial it is to find a career that they love but not many know what to do with it after they found it. Dreyer said, "This class has made my high school career a lot more enjoyable and fun. I really like this class because there is nothing that you learn that you won't use in the real world." Dreyer showed exactly how true this is while working all throughout the summer with Christopher Mazzola, the Building Renovations teacher at Lake Shore, doing home renovations and different projects in houses.

Many college-level freshmen change their major before they end their college career. This is a crucial decision especially when you consider how much tuition costs. This CTE course has helped Dreyer decide on his career without wasting money. Trade school cost is significantly less, and you can undoubtedly make more money in your life.

Dreyer explained, "The most important thing this class has taught me is probably that you do not need a 4-5 year degree to make money. It taught me that I would like to go into the trades and go to a trade school. Before this class, I was thinking about going to college." "Dreyer has a po-



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Kyle Dreyer working on Lake Shore's offsite property for the Building Renovations class

tential to do a plethora of trades including carpentry, electrical, painting, roofing, plastering, etc." All of these options have been opened just from this class alone.

Dreyer was voted CTE student of the year at Lake Shore High School and explained, "Winning CTE student of the year means a lot to me because it recognized all my work ethic and hard work I put into the class. Winning it this year meant maybe a little more because my classmates voted and picked me. Seeing that the other students around me think highly of me, and that they think I am applicable for this award is amazing. I'm always trying to help in the class if I know more than they do, so they can learn more and have a good experience."

Dreyer will be fully equipped with life-long skills thanks to the Building Renovations classes offered at Lake Shore High School.

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Design Studio Creates Opportunities for Students

Creativity flows and designs come to life. This is Frances Donnelly's reality as a CTE student in the Design Studio class at Lake Shore High School.

Donnelly recalls how she discovered this class, "I learned about Design Studio II last year when I was taking Interior Design. I thought it would be interesting because we got more creative freedom, and we are able to do what we want with certain guidelines." Students, who are interested in this introduction class, should definitely consider continuing in the program.

Design Studio allows each student to have freedom without any restraints. This class grants Donnelly, in addition to her peers, independence as they bring their ideas to life.

The class allows for her to be as creative as she possibly can. Donnelly says, "My favorite thing about this class is to be able to use our creativity to do everyday projects and learn



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Frances Donnelly in the Design Studio classroom that students helped to create.

how to do new things." Being able to explore her creative side in this CTE class gives her a head start toward a career in interior design or finding a hobby in her adult life.

CTE classes as a whole are full of experiences for the students enrolled. Donnelly said, "I would say my biggest accomplishment in the class is creating. I made a desk. It was

and I got to refinish it and make it new. I really like it." Donnelly was able to use her skills and creativity, and she was able to have a tangible object that shows it.

These classes are important for students to have access to these opportunities. Donnelly's access to a CTE class has given her a head start in a career, higher education and life.

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Brush Up on Dental Careers

In the future, when you go to your dentist, whether it's to have your teeth cleaned or to get a procedure, you might see Mary Nicholl, a dental student at Lake Shore. Nicholl is currently a junior at Lake Shore who is taking the Dental Careers class which is one of the many CTE classes that Lake Shore has to offer.

Nicholl explained why she joined the class, "I wanted to get some experience and knowledge while still in high school, before I decide what career path to take." Which is important, high school is the time for trying new things, and learning from mistakes.

Nicholl also goes on to say, "The class allowed me to realize there were so many other jobs out there." There are many fields in the dental career, such as orthodontist, dental hygienist, dental Surgeon, dentist, dental assistant, dental technician, and so on.

She explained, "CTE classes differ from other classes because you are learning so many things that will apply to many career paths. You are also in a class with people in that career field." As well as creating an atmosphere where the work is more demanding, students spend more time getting the real experience through labs and internships.

Nicholl loves that the course is hands on and interactive and recommends it to anyone who wants to experience the field before deciding what they would like to do next. She said, "I think if you are interested in the dental field, this is a good starting point."

Another part of being in the Dental class is the op-



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Mary Nicholl with a fellow Dental Careers student

portunity to be in HOSA. HOSA is an organization for Health Occupations Students of America. "HOSA is an after school club that is for students that are seeking a medical career," Nicholl says. HOSA is an opportunity for kids from different schools to even compete and show what you have learned from the CTE classes they took. Nicholl goes on to explain, "I joined HOSA because I like to stay involved and it looked like a cool opportunity."

Lake Shore has offered, and hopefully will continue to offer lots of CTE courses. They have helped students grow, and learn more about their future careers, or maybe even gain skills that they will use in the future.

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Advantages in Mechanical Engineering

Lake Shore High School has a lot of CTE classes to offer. Mechanical Engineering is a year-round class for students that are interested in solving problems and creating solutions.

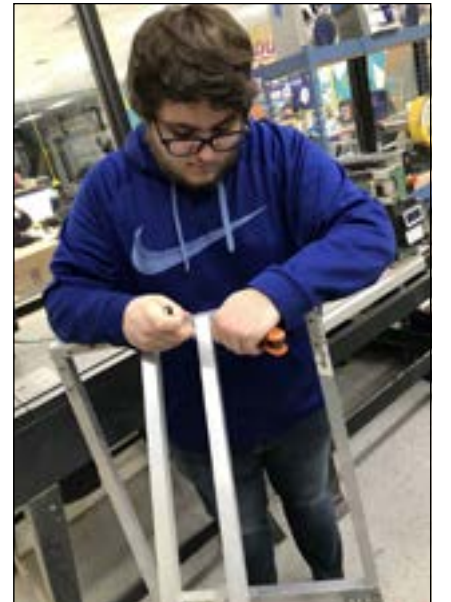
Brendan Oyler, senior, is a second year student excelling in the Mechanical Engineering class. Oyler has contributed to the class and school by designing the Shorian mascot costume, air shirt cannons, Lake Shore light boxes and many more that create a spirited environment.

Oyler started getting into the mechanical engineering class here at Lake Shore his junior year of high school. He said, "You learn a lot in the field and CAD and SolidWorks are really popular right now, and you can make good money doing it."

Oyler's favorite project was making cardboard boats. He explained, "Every year our teacher takes us to Stoney Creek, we have a barbeque, and you race your boats that you have been working on making for four weeks in a row of straight, using only duct tape and cardboard." Students learn teamwork and the basics of engineering through an exciting learning experience.

Oyler was accepted to Michigan Tech University and is looking forward to finishing off four more years of schooling in the engineering field. As he progresses through his education, his time at Lake Shore will give him a significant advantage.

Mechanical Engineering is a great way for students to design their ideal futures.



SUBMITTED PHOTO

Brendan Oyler working on Lake Shore's robot.

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Medical Careers Offers Real-World Skills

The Medical Careers course at Lake Shore is a first and second year class that explores all aspects of the medical field.

Caitlyn Harwood is a senior in the second year class. Harwood finds medical careers very helpful towards her future endeavors. She explains, "I like how we get to experience going to the hospital and job shadowing different departments like X-rays, CT, MRI, dialysis, Pre-op, and Post-op."

Harwood gives a brief overview of Medical Careers, "In this class we learn all the different body systems more in depth. Since being in this class, I came over the accomplishment of learning 350 medical terms. We learn them in the first year and at the end of the year if we get a 75% or better we get a certificate."



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Medical Careers at their internship at Beaumont Hospital.

Harwood job shadows with her class at Beaumont Hospital and additionally volunteers at hospitals each week. "We go to the hospital every other Monday. So, the first and third Monday of each month, and we are generally there

for 3 hours. When job shadowing at Beaumont, we get to visit various departments. I've been to dialysis, X-ray, radiology, mammogram, and nuclear med, which is where they do all the bone scans. I also follow different nurses in dif-

ferent units as well," explains Harwood.

Harwood believes that anyone who is taking this class should definitely stay on top of their studies. She said, "For incoming students, I would definitely make sure that you study hard on your body system quizzes because at the end of the second year you are required to take an overall test. It covers everything that you've learned in first year and second year."

Harwood has a future ahead of her. She explains, "I am attending Siena Heights University in the fall. I am majoring in nursing and also playing soccer there." Harwood is also the President of HOSA (Health Occupations Students of America).

Medical Careers offers students a hands-on and challenging learning environment.

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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

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