

# MAKING THE Connection TO Career Technical Education

Thursday, February 21, 2019

## NEW HAVEN

### Medical Careers/HOSA: Target Achieved



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NHHS HOSA qualifies 12 of 13 at Regionals to go to States.



Medical Careers Blood Drive Workers.

The Medical Careers Program and NH HOSA hosted their first of three Blood Drives this fall. The goal was to collect 34 pints of whole blood, the drive collected 35 pints with an additional 4 double red pints which is equivalent to a double donation. The drive had 64 potential registered donors present which included teachers, staff, students, and others from the community. This equates

to approximately 129 lives saved. In addition to helping to save lives the students polished and utilized their skills learned in the medical careers program such as organization, teamwork, and professionalism while continuing to be part of the sacred chain of life for our local community. The need for blood is constant. The next drive is scheduled for February and another in May.



Medical Careers students practicing safety.

#### Nondiscrimination Statement

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## NEW HAVEN



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TEALS volunteers helping AP Computer Science class.

### Technological Advances Inspire New Haven Students

While statistics show that 90% of parents want their children taking computer science classes only 40% of schools offer them.

This year New Haven High School added a brand-new and much needed option to its course offerings: AP Computer Science Principles. This is only the third year this course has been offered anywhere and NHHS is proud to be able to offer it to its students.

The course provides an overview of computer science as well as a start in programming. In addition to being accepted into an exciting cohort of educators from across the country for training starting this past summer continuing through the current school year, NHHS teacher Melanie Cochill was also accepted as a grant recipient by TEALS (Technology Education and Literacy in Schools), a Microsoft Philanthropy group.

On top of year-round training, connections with other AP CSP teachers around Michigan, and materials to enhance the class, TEALS recruits, trains, and

provides computer science industry professional volunteers to the class. These professionals provide priceless information, ideas, feedback, and real-world experiences that impact students and significantly improve their understanding and interest in computer science.

The AP CSP students have the privilege of experiencing this unparalleled support from two local computer science professionals: Vicki Dorazio and Sara Gibbons. Mrs. Gibbons is also the founder and a co-leader of the NHHS Girls Who Code after-school club.

As they move through the curriculum, the students are gaining a strong understanding of the foundational concepts of computer science and invaluable, current, and applicable industry information from these talented and knowledgeable TEALS volunteers.

NHCS looks forward to continuing this course and to enhance the computer science program to benefit even more students moving forward.

## NEW HAVEN

### Graphic Design: A Balance of Art and Business

New Haven High School's graphic design course merges artistic skills with business practices in order to give students experience on what it means to be a graphic designer. In this class, student use numerous programs from the Adobe Suite, especially Adobe Photoshop and Adobe Illustrator, to learn the essentials to creating in each program. As lessons progress, the students scaffold their skills until they master the basic techniques and procedures. Student assignments allow students to blend their interests and visions with assignment requirements and learned techniques in order to create original works that they appreciate and enjoy. Students also learn the concept of working on commission and meeting the requirements expected by a client.

As a business course, students also learn essential skills that they can carry



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Adrienna Fuchs "multiples" graphic design project.

with them into their future. Each student reflects on business practices and submits a completed job application, cover letter, and resume. Students learn other life skills such as communication, self-confidence, persistence, time management, work ethic, and learning to present oneself as a professional.

In the first half of the year, students focus on mastering the basic concepts in Adobe Photoshop and show off their skills and personality with a project called

"Multiplicity." In this assignment, students use a camera and tripod to take multiple photos in the same scene and combine the images together to create the illusion that they are in the same picture numerous times. When asked what she enjoys most about graphic design, Adrienna Fuchs, senior, states, "I like being able to make pretty much anything I can think with the skills I have learned." Senior, Samantha Arthur agreed and chimed in, "Yes, I really like the creative freedom."

## NEW HAVEN

### Why choose NHHS Automotive program?

New Haven High School Automotive Technology offers courses in all eight ASE areas. Students in the program at least 3 years can earn student ASE certifications, Valvoline Oil certifications, AC Delco certifications, along with some State of Michigan certifications. What does this mean, a promising future!

The Automotive industry has a shortage of good mechanics with most mechanics at the retiring age and no one to fill their positions. Dealerships are in a panic to find good automotive technicians. Some New Haven High School students are currently working in dealerships after school and weekends to help fill this void, with a full time position and additional training waiting for them after graduation. NHHS Automotive program has articulation agreements with many in state and out of state col-



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2019 NHHS Outstanding CTE Student Automotive Technology: Emily Brohl.

leges and trade schools.

With articulation the student can be waived up to a full two semesters of college credits based off the training they received

at NHHS. Students can finish college with industry certifications in as little as 18 months based off the choices they made in High School.

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



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For more information about the MISD and the 21 school districts, go to

[www.misd.net](http://www.misd.net)

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

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