

MAKING THE Connection TO Career Technical Education

Thursday, November 1, 2018

ANCHOR BAY

Educating our Future Teachers

By Patricia McWain
Anchor Bay High School

At Anchor Bay High School, in the education courses, students can take three different courses. The courses include Child Development 1, Child Development 2, and Teacher Cadet. These three courses have the students studying and learning child-care skills as well as all the facets of education and child care services.



In the Child Development 1 course students study families, childcare styles, pregnancy, labor/delivery, and child care skills for the newborn infant through the first year of life. They participate in many real-life simulated activities such as creating a family tree, developing a budget for the 1st year of the infant's life, observing infant behaviors, and caring for an infant using the Real Care infant simulator baby. This simulation is a weekend long hands on experience that the students must feed, burp, diaper change, and rock the baby, all to provide around the clock care for 2 nights and 3 days.

Students who choose to move on will take the Child Development 2 course. Students study the young child from toddler age through early adolescences. Students study the physical, social, emotional, moral, and intellectual milestones of children in age groups from 2-12 years old, while also getting experience observing and working with children in these age groups. They will get the opportunity to work in volunteer childcare situations as well as observe behaviors of young children. Students also develop a babysitting tool kit and how to look for jobs in child care as a teen as well as investigate careers in childcare for the future.

The Teacher Cadet course is a full year 2-hour block class that has the students studying all facets of education and child care services through online research, observation, and a field experience. The field experience has the students working in a middle school and elementary classroom throughout the school year. The cadet student works with the stu-



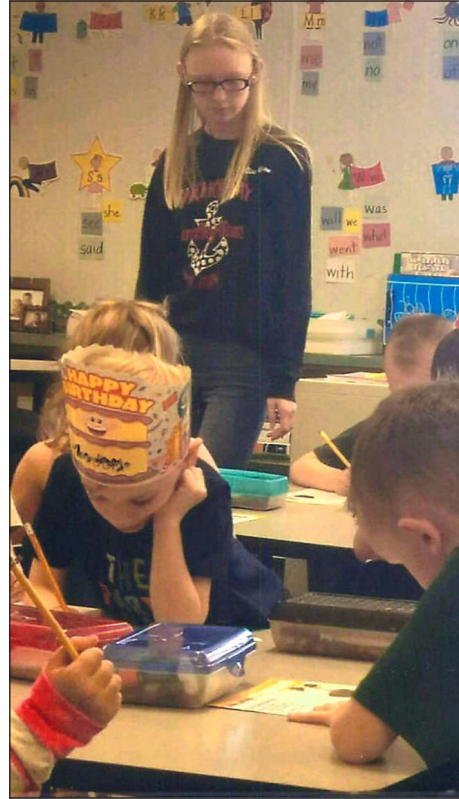
Child Development students working with the demonstration babies

COURTESY PHOTOS



dents in the field experience classroom in small and large group settings including writing and teaching a lesson. The teacher cadets also work in many volunteer work-based training child care/education services in the district including child care, school carnivals/events, and tutoring.

Teacher Cadets also attend various conferences at local universities. The cadet student also has the opportunity to earn college credit and field placement experience time through Articulation Agreements with Central Michigan University, Oakland University, Saginaw Valley State University, Macomb Community College, and Davenport University.



Teacher cadets in action at the placements



Cyber Security — at the forefront

As technology continues to advance, the need to have individuals experienced in the field of protecting ones technology and information becomes greater and greater, to help meet this need, Anchor Bay has added a Cyber Security class to the ever growing list of possible Career and Technical Education courses available at Anchor Bay High School.

Students in Mrs. Zainea's class will explore concepts of safety on the internet, information protection, programming language, cryptic coding, technology law, ethical cyber hacking and much

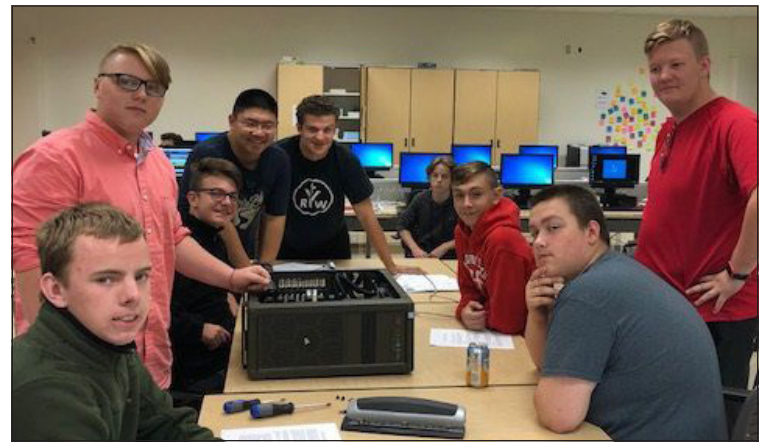
more.

Students may be interested in working for government agencies or in private industry with one of the following certifications: CompTIA Security +, CEH: Certified Ethical Hacker, GSEC: SANS GIAC Security Essentials, CISSP: Certified Information Systems Security Professional, and CISM: Certified Information Security Manager. They will also be attending the



North American and International Cyber Summit Conference in Detroit.

Students will have the option to enter the Cyber Range, Connect in Alphaville, and play Capture the Flag. While in class students will also meet with and connect with workers in the Cyber Security industry within the military and in private sectors. Students will also have the chances to participate in TED talks. Mrs. Zainea's says that the "TED talks are always a huge hit with everyone!"



COURTESY PHOTO

Anchor Bay High School Career and Technical Education Focus forward

By Sherry Kenward
Anchor Bay High School

Anchor Bay students who choose to take any of the many Career and Technical Education (CTE) courses choose to sharpen their skills and focus on their future careers in various fields. CTE programs at Anchor Bay High School give our students

the opportunity to explore a variety of career fields and while giving both "hands-on" and "real world" experiences. Students begin taking classes their 9th grade school year. Each program allows students to study the demands and expectations of different careers. Anchor Bay High School offers the following CTE state approved programs: Health Occupations, Auto Tech,

Careers in Education / Teacher Cadet, Web Design, Graphics, Culinary Arts, Women in Engineering, ROTC, AP Programming, Mechanical Drafting (CAD), Finance, Business Management, Horticulture, Marketing and Construction Trades.

All of these CTE courses have articulation agreements, which are partnerships with community colleges and four-year

universities.

These agreements allow students to potentially earn varying amounts of credit for their high school course work, once they enroll in or complete a course at a participating college or university. Thus allowing them to not only save money, but possibly valuable time while enrolled in college.

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

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