

# Secondary Academic Guide 2022-2023



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Newaygo High School Faculty and Staff

## **FACULTY**

Mr. Joseph Barrette	Drafting/P.E.
Mr. Jeff Bauer	Science
Mr. Benjamin Berry	Spanish/World Cultures
Mrs. Erica Boyd	Health/P.E.
Ms. Sam Carrico	English
Mrs. Joann Crabb	Special Education
Mrs. Bethanie duChemin	Math
Ms. Dana duChemin	Math/P.E.
Mr. Luke Francis	English/Media/Technology
Mr. Matt Goebel	Science
Mrs. Jennifer Grugett	Math
Ms. Taylor Hills	English
Mr. Tom Horling	English/Science
Mrs. Jennifer Hurre	Visual Arts
Ms. Michelle Jacobs	Special Education
Mrs. Nancy Johnson	Special Education
Mrs. Shaughna Langerak	Science
Mrs. Tabatha Lathrop	Algebra/Geometry
Mr. Branden Lister	Band
Mrs. Tara McQueen	English
Mrs. Alexis Mercer	Spanish/Yearbook
Mr. Brody Milner	Math/Physics
Mrs. Tina Ratliff	English as a Second Language
Mr. Nate Thomasma	Social Studies/P.E.
Ms. Brianna Watson	Social Studies
Mrs. Cassie Westgate	Social Studies

## **SUPPORT STAFF**

Mrs. Shawn Adams	Principal's Secretary
Mrs. Allison Brummel	Athletic/Student Services Secretary
Mrs. Stephanie Corrigan	Attendance Secretary
Mrs. Amy Heimler	One-One Aide
Ms. Melissa Herrera	One-One Aide
Ms. Rae Lea Schrader	One-One Aide
Mr. Garret Simons	Academic Interventionist
Mr. Zenn Timmer	Behavior Interventionist Specialist

## **Teacher Profiles**

### **Mr. Joseph Barrette –Drafting/P.E.**

Mr. Barrette received his Bachelors Degree from Northern Michigan University.

### **Mr. Jeff Bauer-Science/Biology**

A graduate of Newaygo High School, Mr. Bauer attended Grand Valley where he earned his BS in science, Central Michigan University where he earned his Athletic Administration, and Cornerstone University for his Teachers Certificate in biology, Chemistry and P.E.

### **Mr. Benjamin Berry-Spanish/World Cultures**

Mr. Berry attended Grand Valley University and received his teaching degree. He has taught Spanish in many different settings and also taught in Kenya.

### **Mrs. Erica Boyd – P.E./Health**

Mrs. Boyd earned her Bachelor of Science degree from Grand Valley State University where she majored in Physical Education and minored in Elementary and Health Education. Mrs. Boyd is the Middle School cross country coach and also coaches high school girls golf.

### **Ms. Samantha Carrico- English**

Ms.Carrico earned her degree from CMU in English and Health for secondary education. Ms. Carrico is originally from Byron, Michigan.

### **Mrs. Joann Crabb – Special Education**

Mrs. Crabb received her Bachelors Degree from Emmaus Bible College in Dubuque, Iowa. In 2016, she earned her Masters in Educational Leadership with an Emphasis in Special Education Administration from Grand Valley State University.

### **Mrs. Bethanie duChemin – Math**

A graduate of Newaygo High School, Mrs. duChemin attended Grace Bible College & received her Bachelors of Science degree from Western Michigan University majoring in Mathematics Education and minoring in Computer Science. She received her Masters of Mathematics Education from Western Michigan University. Mrs. duChemin has coached varsity volleyball and has been the senior class advisor.

### **Ms. Dana duChemin – Math/P.E.**

A graduate of Newaygo High School, Ms. duChemin attended Grace Christian University and Cornerstone University. She earned a dual degree for Math and P.E

### **Mr. Luke Francis – English/Media/Technology**

Mr. Francis received his teaching degree in English and Social Studies from Ferris State University and a degree in Automotive Sciences from Mecosta Community College. He has done graduate work at four universities, most notably in Ireland and Alaska. While in Ireland, Mr. Francis played for the St. Patrick's College basketball team. Mr. Francis is currently a member of Ferris State University's English Education Advisory Board and the Michigan Association for Computer Users in Learning.

### **Mr. Matt Goebel – Science**

Mr. Goebel is a graduate of Michigan State University where he received his major in Biology and his minor in Chemistry. He earned his Masters Degree from Grand Valley State University.

### **Mrs. Jen Grugett - Math**

Mrs. Grugett is a graduate of Aquinas College with a major in Mathematics and minor in Business Administration. She has taught in Kalkaska, MI, Raleigh, NC, Marshall, MI and Newaygo. She has coached boys' and girls' basketball in the past and enjoys spending time with her family. Mrs. Grugett is the

Senior Class Advisor at the high school, the boys golf coach, and the Middle school cross country coach. Mrs. Gruett is also the liaison for the NHS 'be nice' group.

**Ms. Taylor Hills – English**

Miss Hills is a graduate of Central Michigan University with a major in English and minors in Speech and Educational Leadership. Upon graduation, Miss Hills moved to Chicago and taught in many diverse areas with Chicago Public Schools. Having said goodbye to the Windy City, she is excited to settle in her hometown to inspire and teach students in literature. Ms. Hills is the Junior Class Advisor.

**Mr. Tom Horling – English/Science**

Mr. Horling is a graduate of Hope College with a degree in English with a minor in Science and a Masters degree in secondary education from Grand Valley State University. His studies have taken him to Canada & Scotland.

**Mrs. Jennifer Hurrle – Visual Arts**

Mrs. Hurrle attended Southwestern Michigan College where she was awarded an Associates in Applied Science in Graphic Design and Technologies. She obtained her Bachelors in Art Education from Western Michigan University. Marygrove College is where she completed her Master's in Education. She has been teaching Art for NPS since 2000. Mrs. Hurrle was awarded Michigan Art Teacher of the year for 2013 and Michigan Middle School, Art Teacher of the Year for 2013.

**Mrs. Michelle Jacobs- Special Education**

Mrs. Jacobs attended Muskegon Community College where she earned her Associates of Arts degree in Criminal Justice and Grand Valley State University where she earned her Bachelor's degree in Psychology Special Education with a minor in Elementary Education. This will be her first year in Newaygo.

**Mrs. Nancy Johnson – Special Education**

Mrs. Johnson received her Bachelors Degree in Special Education from Grand Valley State University. She received her Masters in Education from Marygrove College. Mrs. Johnson teaches grades 9 – 12 in the areas of Math, Science, History and English.

**Mrs. Shaughna Langerak-Biology**

Mrs. Langerak received dual Bachelor of Science degrees from Ferris State University in Biotechnology and Environmental Science. She also received a Master's Degree in Cell and Molecular Biology from Central Michigan University.

**Mrs. Tabatha Lathrop – Math/Academic Interventionist**

Mrs. Lathrop received her Bachelors of Science in Management degree through University of Phoenix. After returning back to her hometown of Newaygo, she went on to finish her secondary teaching certificate with a major in Mathematics and minor in Psychology through Grand Valley State University. Mrs. Lathrop is the Student Council Advisor.

**Mr. Branden Listh – Band**

Mr. Listh is a graduate from Alma College where he received his Bachelors in Music Education. He was on staff as a track and field coach here at Newaygo in recent years. He loves to encourage student to be their best self.

**Mrs. Tara McQueen – English**

Mrs. McQueen earned her B.S. from Baker College of Muskegon, her major in English. She enjoys reading and the performing arts, as well as spending time with her husband, Troy, and her two kids, Jaxson and Emery. Mrs. McQueen is the freshman class advisor.

**Mrs. Alexis Mercer – English/Spanish/Yearbook/MME Coordinator**

Mrs. Mercer graduated from Roscommon High School. She attended Hope College where she received her English and Spanish Degree. She earned her Masters Degree from Central Michigan University in 2007 in Educational Leadership. Mrs. Mercer has coached a variety of sports at Newaygo and is currently the coaching varsity cross country and middle school track.

**Mr. Brody Milner – Math/Physics**

A graduate from Hesperia High School Mr. Milner earned his Bachelors in Education degree from Western Michigan University with a major in Mathematics and a minor in Physics. Mr. Milner earned his Masters of Education Degree from Grand Valley State University. Mr. Milner is the chess team coach.

**Mr. Nate Thomasma –History/P.E.**

Mr. Thomasma received his Bachelors Degree in History/Physical Education from Grand Valley State University. He earned his Masters Degree in Educational Leadership from Grand Valley State University in the fall of 2017. He spent his first 3 years teaching in New Bern, North Carolina at West Craven Middle School. Mr. Thomasma also coaches girls' varsity basketball and girls track. Mr. Thomasma is one of the sophomore class advisors.

**Ms. Brianne Watson – Social Studies**

Ms. Watson was raised in Newaygo County. She received her Bachelor degree from Ferris University.

**Mrs. Cassie Westgate – Social Studies**

Mrs. Westgate graduated from Grand Valley State University with a Bachelor's Degree in Group Social Studies with a History emphasis and a minor in Psychology as well as a Master's in Educational Leadership. Mrs. Westgate enjoys spending her free time with her husband and children on their family farm. Mrs. Westgate has been teaching for 14 incredible years that have been full of teaching students who encourage and inspire her as she teaches and prepares them for life!

# CURRICULUM OVERVIEW

## Elective Classes

### Art Essentials

Open to beginning art students: all art students will have to take this before advancing to the other classes. Beginning art students will explore the language, materials, and process of different art forms and the elements and principles of design. Student will explore major artists, art movements and styles. Students will be encouraged to develop their own art style.

### Drawing/Painting

Open to students that have passed Art Essentials. Students will focus on creating mostly two-dimensional art work. Students will typically use pen-and-ink, chalk, watercolor, tempera, and acrylic. Students will make a digital portfolio of their artwork.

### Photography

Open to students that have passed Art Essentials. Student will be introduced to the materials, processes, and techniques of taking artistic photographs. Students will learn about the operation of a camera, composition, and lighting techniques. Students will also learn how to edit and manipulate photos digitally. Student will create a digital portfolio.

### Mixed Media

Open to students that have passed Art Essentials. This course will emphasize design elements and principles in a purposeful arrangement of images and text to communicate a message. Student will create advertisements, product designs and identity symbols. Students will use several materials to create their artwork. Student will create a digital portfolio.

### Art Portfolio

Open to Juniors and Seniors that have passed Art Essentials and one other Art Elective. This course provides an opportunity to create a professional body of work that reflects the student's personal style and talent. Students will be encouraged to make a digital portfolio for future job/college interviews.

### Art-Independent Study

Open to Juniors and Seniors that have passed Art Essentials and one other Art Elective. Students will have the opportunity to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills.

### Art Appreciation

Art appreciation introduces students to the many forms of art and helps them form an aesthetic framework through which they can judge and critique art of various ages and cultures. This course explores the place and significance of art in our society.

### Art History

This course introduces students to significant works of art, artists, and artistic movements that have shaped the art world and have influenced or reflected periods of history. These courses often emphasize the evolution of art forms, technique, symbols, and themes.

### Advanced Art

Open to Juniors and Seniors that have passed Art Essentials and one other Art Elective. Students will have the opportunity to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills.

### **Advisory**

Advisory is a regularly scheduled period of time, during the school day, when teachers meet with small groups of students for the purpose of advising academic, social, and/or future-planning topics. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

### **Band**

Band provides a variety of areas that help give students a balanced and well-rounded education in music. Opportunities offered during high school band include: Marching Band, Concert Band, Solo/Ensemble, Honors Bands, District and State Festivals and more. During marching season, the band performs at all home Varsity Football games, parades, and at several Michigan Competing Band Association contests. The rest of the school year is spent in concert season, which involves numerous concerts each year at events such as Michigan Band and Orchestra Association festivals, school concerts, honor bands, spring commencement, performance travels, and more.

### **Band - Jazz**

This is a small class for students interested in jazz music. Students will study and perform different jazz styles and forms. The Jazz band performs at several community events, school concerts, and the occasional jazz festival. Unless approved by the director, only students who participate in high school band are eligible for jazz band. Jazz band is an audition only ensemble.

### **Business Leadership**

The business leadership class will focus on all aspects of running a company using our school store as a real life model. Students will gain experience in marketing, advertising, accounting, retail sales, purchasing/inventory and more while running the school store. There will also be a portion of class time that will be used for leadership roles while engaging in peer-to-peer tutoring and mentoring.

### **Ceramics and Sculpture**

Visual Arts-Sculpture course promote creative expression through three-dimensional works. These courses explore real and abstract sculpture through subtractive (carving), additive (modeling), and assemblage techniques in one or more media. Visual arts-Sculpture course typically include the production of real and abstract sculptures while incorporating elements of art and principals of design, along with a study of historical and contemporary sculpture and sculptors from a worldwide perspective. These courses also provide instruction in the critique process.

### **Drafting 1 and 2**

In Drafting students learn about topics like geometrics, sectional views and multi-view drawing. Students also study lettering, tolerance and dimensioning. Architectural aspects such as plot planning, floor and foundation planning, wall construction, window selection, stairway planning and roof construction. 3D visualization and CAD knowledge will be gained through the use of the program SolidWorks. Some machine and rapid prototyping will also be introduced.

### **Drama**

The purpose of Drama is to explore and advance the students' abilities to critically think, problem solve, create, organize and effectively communicate ideas through esthetically pleasing and "creative" means. Students in this class will participate in large and small group activities

(Big Circle Explorations) that build a sense of community, establish a basis for mutual respect, and are designed to create a safe environment for all students to participate fully. All students will have the opportunity to participate in numerous skits, improvisations, and individual presentations. If you're into challenging yourself, like having fun, and want to communicate with pizzazz, then Drama is for you!

### **Engineering Science (no required prerequisites)**

Everyone likes to make things, build stuff, to design solutions for problems big/small. Students take great pride in their creations and feel an authentic sense of accomplishment only experienced through the act of making. In this two- hour, entry-level block course you will learn how to apply the scientific method to a variety of engineering challenges while learning the basics of Python coding. Students taking this class will build a series of robots designed to accomplish specific tasks such as walking, navigating autonomously, going really fast, or moving really heavy stuff. We have Misty the robot, drones, weather balloons, 3D printing, rockets, and an entire world of Arduino/Raspberry Pi options. Students will receive a Visual Performing Arts and Science credit.

### **Fit for Life**

This is a new physical education class for girls that want to strive for physical, mental and emotional fitness. The goal is to develop optimal health by doing a variety of activities that will challenge your bodies, minds and souls. We will do a variety of fun workouts, develop individual nutrition plans, and cover many topics on self-improvement.

### **Fitness Class**

Students will learn wellness and nutrition awareness. Students will learn plyometric activities, speed improvement activities and high performance conditioning techniques. Students will have the option of following an athletic strength and conditioning program or developing an individual workout program for maintaining a healthy lifestyle.

### **Journey of Cultures**

World People Studies courses allow students to study various types of subgroups that have something in common such as religion or culture. Similar in style to World Area Studies, but focusing on a group of people rather than on a specific region, these courses examine a subgroup's history, politics, economics, and/or culture.

### **NHS Skills**

This course, NHS Skills, is designed to help students who are at risk of falling behind or failing in school. Course content will include study skills and individual tutorials, personal assessments and awareness activities. It may include employability, career and communication skills.

### **P.E. and Personal Success 9<sup>th</sup>**

This course emphasizes lifelong skills regarding physical fitness as well as life skills designed to aid you in your pursuit for personal success. This course will benefit students in the transition to a high school setting while teaching the importance of physical and mental wellbeing. Weight training, a variety of physical activities, and a classroom setting will all be used as it pertains to the units being covered. Participation, proper change of shoe and dress will also be mandatory.

### **Recreational Physical Education**

Students in this class will participate in a variety of physical activities through team sports, individual & dual sports, and mass games. Emphasis will be placed on fundamentals, basic rules, participation and good sportsmanship. There will also be a brief introduction to the fitness center activities and safety procedures. Participation, proper change of shoe and dress will also be mandatory.

### **Sports Fitness**

This is an athlete only training course. This course is for student athletes working to get to the next level. Lion Pride training is intended to get the most out of the athlete, increasing their functional strength, speed, endurance, and range of motion, all while decreasing their risk of injury. Athletes will see how proper training can translate into better performance both on and off the field. This class will also help develop leadership skills. A variety of exercises and training methods will be used to reach the individual's goal. This is an advanced PE class and each athlete will be expected to give top notch effort and behavior.

### **Yearbook**

Yearbook is a year-long requirement, generally for upperclassmen. Students are responsible for the selling of advertisements, photography, copy writing, and the creation of the Newaygo High School Yearbook. After school hours are required as a part of the class. Approval of the teacher must be obtained before enrolling in this course.

## **Technology Electives**

### **Coding Design**

The art of making useful and aesthetically pleasing “things” used to be the realm of artisans and craftspeople, but today this hands-on access to creating, crafting “things” is also the realm of coders and designers. This class will allow you to explore the diverse worlds of computer programming and design through hands on projects, direct instruction, and discussions.

- Lego EV3 robots
- Small Basic Editor
- Language: Basic

### **Media Production**

Throughout the semester-long class, we will work closely with digital media using Adobe Creative Cloud Apps to compose digital stories that focus on the power of visuals and sound as powerful communication tools. Students will also learn how to download, upload, convert, transport, manipulate, and store digital media. Through digital storytelling, students will become more effective communicators. Each student's exposure to the technical skills needed to accomplish this goal will result in greater digital literacy. If you like being creative, are/want to be computer savvy, and want to be in the *know* of all the latest tech. advances, sign up for Media Productions.

- *Adobe Creative Cloud*  
*Audition (audio editing software)*

*Premiere Pro (audio and video editing software)*  
*After Effects (audio and video editing software)*  
*Media Encoder (rendering software)*

### **Robotics**

An interactive introductory course for students' brand new to programming that teaches the foundations of computer science using the Python language. Not only will this semester-or year-long course prepare students for AP Computer Science A and AP Computer Science Principles, but it will teach students how to think computationally and solve complex problems, skills that are important for every student. Introduction to Computer Science is a great starting point for schools starting up a new computer science program, or seeking to enrich an existing CS program or course.

- Misty II (AI robot)
- Lego EV3s
- Language: Python
- Prerequisites: No prior CS experience required. Algebra I preferred

### **Other Electives**

#### **21-F – Extended Online Learning**

Section 21F of the State School Aid Act allows pupils in grades 5 to 12 to enroll in online courses where each course is capable of generating credit or a grade while being provided in an interactive internet-connected learning environment where pupils are separated from their teachers by time or location, or both. Section 21F allows pupils to enroll in up to two (2) online courses from the district or statewide online course catalog per semester.

#### **Career Readiness – (required for Sophomores)**

The Career Readiness class focuses on Pre and Post Work-keys testing and Key-train online computer tutorial for Work-keys testing. The course includes many needed Career Readiness topics, such as self-confidence building, assertiveness training, career interests, abilities, personality assessments, local and state job market information, resume and cover letter writing services, resume faxing service, interviewing skills, job keeping skills and introduction to computers.

#### **Early College**

The Newaygo Early College is a program that allows selected students to extend high school by one year in order to earn both their high school diploma and an Associate Degree from Muskegon Community College, having the tuition paid for by Newaygo Public Schools. Students receive special support to help improve their academic performance as they complete both high school and college coursework and secure their future education and career related goals. This program is targeted to 10<sup>th</sup> grade students with a GPA of 2.2 or higher. Students interested in applying should speak with their high school counselor.

### **Health**

Successful completion of one semester of Health is required for graduation. Topics that are covered include physical fitness, nutrition, substances of abuse, infectious and non-infectious diseases and human sexuality. The purpose of the class is to give students a foundation of information that will help them make informed choices in life that can directly impact their level of health throughout life.

### **Independent Study**

Independent Study courses, typically organized as a mentorship with a teacher or outside professional, enable students to conduct investigations related to their field (s) of interest.

### **Internship**

Internships are scheduled for no more than ½ of the school day in one semester blocks. To be eligible for the internship program senior students must have a minimum GPA of 2.0, excellent attendance history and are in good standing for graduation. Many requirements of this program are mandated by the State of Michigan. Therefore, successful students are self-motivated and exhibit individual responsibility. Community placements must be in a career pathway identified in the students Educational Development Plan. Placements and student contracts are coordinated through the career counseling office. Students will have additional requirements for admission to include administrator approval, personal interview, community partner, email address and their own transportation.

### **Online Essentials Course**

On-line Essentials is a computer based course scheduled in one semester blocks. Students will have the opportunity to earn credits in all subject areas. Typically, students are referred to this course because they are credit deficient or have significant scheduling conflicts. Courses are aligned with traditional course offerings and may have similar required components, for example, most courses require a final exam. Students work independently and may earn multiple credits depending on their work ethic. Students are provided the opportunity for individual and small group tutoring.

### **Special Education Curriculum**

To graduate from Newaygo High School, Special Education students must meet the same credit requirements as regular education students, based on the Michigan Merit Curriculum. Each student who receives special education services has an Individualized Education Plan (IEP) which is updated every year to meet the student's needs.

## *World Language Classes*

### *Spanish 1*

Spanish 1 is a one-year introduction to the Spanish language and Hispanic cultures. The language is presented in the natural order of language acquisition: listening, speaking, reading, and writing. Students learn common expressions, basic vocabulary, and sentence structure with emphasis on the present tense. Cultural information includes Spanish in the United States; famous Spanish literary characters; Ecuador; schools, jobs, foods, sports, and pets in Spanish-speaking countries; and famous Hispanic people. Each lesson will include one or more of the five Cs of the Michigan Standards and Benchmarks for World Languages which include Communication, Cultures, Connections, Comparisons, and Communities.

### *Spanish 2*

Spanish 2 is a one-year class which continues the study of basic Spanish and Hispanic cultures. All four skills are again used to expand students' use of the language. Students progress from using mainly the present tense to using the present progressive and preterite (past) tenses. Cultural information includes the picaresque literary genre in Spain and Mexico; the tourist industry in Spain and Argentina; Hispanic entertainers; the art, music, and history of Latin America; indigenous markets and shopping; and camping in the Hispanic world. Lessons include one or more of the five Cs of the Michigan Standards and Benchmarks for World Languages which include Communication, Cultures, Connections, Comparisons, and Communities. Students should reach a novice high level of proficiency by the end of their second year of study.

### *Spanish 3 Honors*

Spanish 3 is a one-year class which enables students to continue to expand their use of basic Spanish and knowledge of Hispanic cultures. It is offered as a regular class or on an independent study basis. Students review the various topics covered in previous Spanish classes and continue studying vocabulary and verb usage. New verb forms and tenses are introduced including reflexive forms, the imperative, and the imperfect. The cultures of Mexico, El Salvador, Honduras, the Caribbean, and the Dominican Republic are explored. Prerequisites are Spanish 1 and 2 or equivalent.

### *Spanish 4*

Spanish 4 is a one-year independent study class which provides students with the opportunity to continue the study of Spanish. Students work independently or with a study partner on new vocabulary, idiomatic expressions, more advanced language structures, and verb tenses. Students are provided with a weekly syllabus which lists daily activities, assignments, tests and quizzes. Students complete the activities and assignments on their own and are able to ask the instructor for help or clarification as needed. A review session with the instructor is available before each test. Prerequisites are Spanish 1, 2, and 3 or equivalent.

## **Social Studies Classes**

Social Studies are an integral part of a student's education. Every day, people will deal with social studies issues. Our goal as a social studies department is to have our students understand what is happening in the political arena in the United States, the dynamics of the U.S. economy, local government and the influence of other nations and cultures on our personal lives. Critical thinking, writing, and research skills play a fundamental role in all the social studies classes. We believe we are preparing our students to be good citizens, who have the knowledge to understand what is happening in the world and the United States. We also help the students realize the importance of being active and involved citizens.

### **American History – Social Studies**

American History is a required course for all sophomores, which covers two semester courses. The course covers the time frame from the aftermath of the Civil War until the present. The creation and content of the Constitution is also studied. Throughout the course, the relationship between geography and history is addressed as well. Instructional methods include lecture, discussion, reading the text, various types of writing activities, and videos. Emphasis is placed on discussion in class, with the relevance of the material to today's world being highlighted. Students are expected not only to learn the content, but to understand history as a natural progression that includes an explainable past, and a somewhat predictable future. Students should leave the course with improved writing and critical thinking skills, and should have a greater understanding of America's core democratic values.

### **Current Events – Social Studies**

Current Events is a class that investigates current issues affecting the world today. We explore and discuss local, state, national, and global events using a variety of media and methods. Discussion/participation is encouraged and also built into various assessments in the class.

### **Economics – Social Studies**

Economics is a required one semester course for Juniors/Seniors. Economics is a comprehensive look at the American economic system and an overview of world economic systems. Students are instructed in theoretical concepts and simulations. Concepts from both micro and macroeconomics are covered in the course. Emphasis on the global economy and the impact of government policy will be explored.

### **Events – Social Studies**

Current Events is a class that investigates current issues affecting the world today. We explore and discuss local, state, national, and global events using a variety of media and methods. Discussion/participation is encouraged and also built into various assessments in the class.

### **Government/Civics – Social Studies**

Government/Civics is a required one semester course for Juniors/Seniors, designed to enable students to understand how the government works and the responsibilities all citizens have in a functional democracy. Civic knowledge builds understanding about the exercise of power; with knowledge of government, students will be able to evaluate domestic policy and exert influence in public affairs. Students should leave the course with improved writing and critical thinking skills, and should have a greater understanding of America's core democratic values.

### **Michigan History**

State-Specific Studies courses examine the history, politics, economics, society, and/or cultures of one state in the United States. This course may focus primarily on the history of that state or may take an interdisciplinary approach to the contemporary issues affecting it.

### **Psychology- Social Studies**

Psychology is an overview of the field of psychology. It covers individual behavior & why an individual think, feels, and reacts to certain stimuli or something that causes an action. Topics covered include basic introductory psychology concepts, fields and theories of psychology, the brain, learning styles, sensation and perception, sleep and consciousness, psychological disorders, memory, motivation, social cognition and social interaction.

### **World History – Social Studies**

World History is a required course for all freshmen, which covers two semester courses. It covers all aspects of history from 1000 A.D. to the present and is very important for understanding what is happening in the world today. Different aspects of social studies are touched upon, including economics, current events, American history and government. An emphasis is placed upon geography as it relates to the history of the world. Research of world cultures will allow students to better understand today's world.

## **Math Classes**

### **Basic Algebra I**

This is a basic algebra course exposing students to the real number system, basic story problems involving one or two variables, laws of exponents, factoring polynomials, linear and quadratic equations with graphing and systems of equations. The course is two semesters.

### **Algebra I A, B**

This is an introductory course for Algebra. (two semesters) It exposes students to a variety of topics that will be further studied in a later and more advanced algebra course (Algebra II). At the conclusion of the course, students will be able to handle work with real numbers, basic story problems involving one or two variables, laws of exponents, factoring polynomials, linear equations with graphing, quadratic equations involving graphing, and systems of equations.

### **Algebra II A, B**

This course is a 2 semester course. It is a complete review of Algebra I at a more advanced level. It is a study of polynomial equations and inequalities of higher than first degree, including systems of more than one variable. The study of logarithms and a more in depth study of Trigonometry are included in this course

### **Pre-Calculus - Honors**

This is a two semester course which follows Algebra II A & B which continues the work on Analytical Geometry. This course prepares the student for Calculus.

### **Calculus-Honors**

This is a two semester course for the accelerated group of seniors. Calculus is the mathematics of motion and change. We study differential calculus, which deals with finding rates of change and integral calculus, which deals with finding a function from information about its' rate of change. Upon completion of this course students are given the opportunity to receive college credit by taking the AP Calculus exam.

### **Geometry A, B**

This is a two semester course which studies the relationships between points, lines, and planes in space. It teaches the use of deductive and inductive reasoning involved with postulates, theorems and definitions from Euclidean Geometry. Some areas of study are: parallel lines, congruent triangles, circles, coordinate geometry, basic right triangle trigonometry, and transformations.

### **Geometry A, B Honors**

This is a two semester course which covers the topics from Geometry above but in a more in depth manner. This course also includes a more rigorous use of deductive and inductive proof. It is intended as an accelerated course.

### **Personal Finance I**

Personal Finance I is a class that focuses on personal financial skills. It includes the study of self as it relates to our wants, needs and values while connecting these to our spending habits. Students look at setting financial goals, college exploration and researching a career, creating a spending plan, and understanding financial institutions and their products such as savings, checking, and credit cards.

### **Personal Finance II**

Personal Finance II is a continuation of Personal Finance I. It takes the development of financial knowledge to a deeper level and adds the exploration of topics such as identify theft, insurance, investments, major expenses and loans.

### **Statistics**

The purpose of Statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1. Exploring Data: Describing patterns and departures from patterns 2. Sampling and Experimentation: Planning and conducting a study 3. Anticipating Patterns: Exploring random phenomena using probability and simulation 4. Statistical Inference: Estimating population parameters and testing hypotheses

## *Language Arts Classes*

### *English 1*

The goal for English 1 is to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts and tasks. Students will be introduced to the various genres of classic and contemporary narrative and informational texts that will be read and analyzed. Students will connect with and respond to texts by analyzing relationships within and across families, communities, societies, governments, and economies. Through the lens of “Inter-Relationships and Self Reliance”, the student will consider how they build relationships, how their relationships impact others, and their responsibility to society. Basic writing skills and paragraph development, as well as oral presentation, are integrated with the literature units. Units in writing will cover narrative, expository, and persuasive composition with emphasis on mastering the steps in the writing process. Language study will cover punctuation, vocabulary, and grammar usage.

### *English 2*

The goal for English 2 is to continue to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks”. In English 2, students will add to the list of various genres of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school. Tenth graders will connect with and respond to texts through “Critical Response and Stance”. They will learn to evaluate for validity and quality, to balance and expand their perspectives promoting empathy, social action and appropriate use of power. Critical Response and Stance offers students the lens to assess and modify their beliefs, views of the world, and how they have power to impact them. Language study will cover punctuation, vocabulary, oral communication and grammar usage.

### *English 3*

English 3 involves increasingly accurate usage and vocabulary including literary devices. A survey of literature prompting “Transformational Thinking” provides the source for critical thought and literary essays including MLA documented essays. Students will deliver oral presentations and communicate through multi-media products. Emphasis is on wide reading and timed writings in preparation for the SAT standardized test. Language study will cover punctuation, vocabulary, oral communication and grammar usage.

### *English 4*

This course continues an emphasis on fundamental reading strategies and composition techniques aligned with college learning outcomes. Selections include fiction, poetry, literary nonfiction, and informational texts from selected literature. In conjunction with the study of literature is the refinement of composition skills, usage skills, and research skills. Students will be encouraged to think for themselves, form their own opinions while respecting the varied opinions of others. Emphasis is placed on students’ practice of reading and writing as a process. Opportunities to practice listening/speaking and an emphasis on media literacy are inherent in the course. Creating a professional portfolio, resume, cover letter, college and job applications, scholarship applications, a reflection essay (Gerber) along with a mock interview are requirements.

### **English 1 Honors**

English 1 Honors is an accelerated class for freshmen who have met the data criteria. Students will be expected to read at a challenging level and to complete work outside of class. Students in English 1 Honors will read a summer reading and a variety of works, including novels, short stories, poetry, drama and the epic. Students will study grammar (mini lessons) in conjunction with writing and will follow the writing process to produce quality compositions. Students will also write with a purpose as they work with each form of composition: narrative, expository, descriptive, and persuasive. Students will read with greater comprehension through the development of higher order thinking skills. Students are expected to participate in Socratic discussions; discussions will focus on the ability to interpret and analyze the literature and topics covered in class.

### **English 2 Honors**

English 2 Honors is an accelerated class for sophomores who have been recommended by their previous English teacher. Students will be expected to read at a challenging level and to complete work outside of class, including a summer reading (assigned in June). In English 2 Honors, students will add to the list of various genres of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school. Honor students will connect with and respond to texts through “Critical Response and Stance” and Socratic Discussions. They will learn to evaluate for validity and quality, to balance and expand their perspectives promoting empathy, social action and appropriate use of power. Critical Response and Stance offers students the lens to assess and modify their beliefs, views of the world, and how they have power to impact them. Language study will cover punctuation, vocabulary, oral communication and grammar usage. AP curriculum will also be utilized (Teacher Recommendation Required).

### **English 3 Honors**

This is a specialized course for students who demonstrate an exceptional interest and commitment to the study of literature, including a summer reading (assigned in June), and composition. Students in this course will have already developed strong writing and analytical skills. In this course, emphasis is placed on the analysis of the disposition “Transformational Thinking” in literary and nonfiction texts with particular attention to the writer’s style, diction, syntax, argumentation and logic. Students reflect this analysis in compositions that use sophisticated syntax and vocabulary, effective use of proof, and control of the conventions of language. Emphasis is on wide reading and analysis response in timed essays in preparation for the Advanced Placement Examination in Language and Composition and the SAT standardized test. Language study will cover punctuation, vocabulary, oral communication and grammar usage. A summer reading will also be assigned in June to any sophomore recommended to take English 3 Honors (Teacher recommendation required).

### **English 4 Honors/College Writing**

This course is an accelerated class for seniors and engages students in close reading and written analysis of literature. Students become adept at identifying and analyzing varied literary techniques as these techniques contribute to the purpose and meaning of a selection. Selected writings from the literature serve as the basis for reading and for writing literary analysis and journals. Selections include fiction, poetry, literary nonfiction, and informational texts. Students will be encouraged to think for themselves, form their own opinions while respecting the varied opinions of others. Students are expected to participate in Socratic discussions; discussions will focus on the ability to interpret and analyze the literature and topics covered in class. Creating a professional portfolio, resume, cover letter, college and job applications, scholarship applications, a reflection

essay (Gerber) along with a mock interview are requirements. This course of study is equivalent to an introductory college English course, is available to the student interested in taking the Advanced Placement Examination in English Literature and Composition. A summer reading project is required

### **English Electives**

#### **Creative Writing**

This is an elective course offered to students who enjoy exploring the world through artistic expression. Initially students are immersed in the “real” world of literary expression. Students will be exposed to documentaries of artists performing their work, in-class demonstrations, and visitations by practicing artists. Each student will also be introduced to various creative writing styles and genres, and to the idea that creative expression is an incredibly relevant and powerful form of communication and a vital aspect of a rich culture. All students will have ample time to explore and experiment with different approaches throughout the course. If you enjoyed story time as a child; if you love to regale friends and family; if you have something to say (and we all do), then join us for an enjoyably challenging semester of intellectual and personal growth.

#### **Film and Media Studies**

The course is taught through audio/visual media (i.e. news, television dramas, comedies, commercials, film, and documentaries), content-rich internet sources, and relevant print resources. Through direct instruction, viewing of media, discussion, research, and written, oral, and multimedia presentations, students will analyze data from various sources, synthesize the data, and produce relevant presentations.

#### **Media Production**

Throughout the semester-long class, we will work closely with digital media using Adobe Creative Cloud Apps to compose digital stories that focus on the power of visuals and sound as powerful communication tools. Students will also learn how to download, upload, convert, transport, manipulate, and store digital media. Through digital storytelling, students will become more effective communicators. Each student’s exposure to the technical skills needed to accomplish this goal will result in greater digital literacy. If you like being creative, are/want to be computer savvy, and want to be in the *know* of all the latest tech. advances, sign up for Media Productions.

- *Adobe Creative Cloud*

- Audition (audio editing software)*

- Premiere Pro (audio and video editing software)*

- After Effects (audio and video editing software)*

- Media Encoder (rendering software)*

## Science Classes

### **Anatomy and Physiology A and B - Science**

A & P is an accelerated course for 11th and 12th graders that are on the college bound tract and are considering a career in the field of medicine. This course centers on mammalian anatomy and physiology. Fetal pig dissection, microscopy and physiological tests reinforce the concepts covered throughout the year. Independent and group projects, lab reports and papers are used to encourage practical application of the scientific method in problem solving as it relates to biological and medical social issues. Emphasis is put on career opportunities in the medical field. Earning a grade of “C” or better in Biology A and Biology B is a prerequisite to taking this course.

### **Animal Anatomy and Physiology A & B**

A class that will look at the structure and function of various features of animals. Bones, Muscles and organs will be among the features studied in class. Use of dissection of preserved specimens to look at different features of the animal kingdom will be a major portion of the class. Possible specimens may include: earthworms, cow organs, crayfish, perch, frogs, etc.

### **Biology A - Science**

Biology A is a required one semester course that focuses on environmental science and the relationship that people have with other living organisms. It is based on the Michigan Objectives for Biology. Students will study ecological topics, the classification and interaction of living things, and how organisms change with time and adapt to their environment. Proper scientific terminology, scientific inquiry, scientific reflection, and social implications of biological studies are all stressed. Field work is incorporated in this course where students complete water quality testing and relate it to the impact that the human population has on the environment.

### **Biology B - Science**

Biology B is a required one semester course that focuses on cellular biology, energy transfer, and genetics. It is based on the Michigan Objectives for Biology. Students will study cellular anatomy, the metabolism of various organisms, and how traits are passed to offspring. Proper scientific terminology, scientific inquiry, scientific reflection, and social implications of biological studies are all stressed. Intensive emphasis is placed on scientific thinking and bio ethics.

### **Chemistry A and B – Science**

Chemistry is a comprehensive two semester class in basic chemistry principles and is based on the core chemistry standards for the State of Michigan. It focuses on laboratory experiences designed around the scientific method to encourage the use of logic, scientific inquiry, and reasoning. Students must complete various independent and group projects. Topics include chemical bonding, heat energy, electron movement and configuration, molecular and empirical formulas, nomenclature, solids, liquids, and gases, types of compounds, moles, atomic mass, chemical reactions, stoichiometry, acids and bases, equilibrium, oxidation -reduction, and reaction rates. **Calculators are highly recommended.**

### **Chemistry 2A and 2B – Science**

This 2 semester advanced chemistry course reviews the concepts learned in Chemistry at the beginning of the course. Topics covered in greater depth include equilibrium, thermodynamics, electrochemistry, reaction rates and kinetics, acids and bases, carbon chemistry and nuclear chemistry. Significant time is spent in the lab learning lab procedures and techniques needed for college. Prerequisite: Completion of Chemistry A and B with a C or better and completion of Algebra I with a C or better. **Calculators are required.**

### **Forensics – Science**

Forensics is a one semester course that explores the use of biology, chemistry, physics, math and sociology to study criminology and crime scene investigations and evaluation. Students will perform fingerprint analysis and DNA electrophoresis, hair, fabric, and blood identification, chromatography, and toxicology analysis. **Prerequisites: The first year of biology and chemistry is required before taking Forensics.**

### **Food Science – Science**

Food Science is a one semester course that explores the use of biology, chemistry, physics and earth science to study food nutrition and agriculture in our growing global climate.

**Prerequisites: The first year of biology and chemistry is required before taking Food Science.**

### **Global Science – Science**

Global Science is an integrated science course that uses the Earth and the Environment as its focus. Topics include geology, biology, ecology, chemistry and physics. The class emphasizes activities and labs that relate to current environmental and world energy issues. Designed to reinforce and build on other science course work, Global Science provides opportunities for personal growth by working cooperatively. Calculators recommended.

### **Honors Chemistry A and B – Science**

Honors Chemistry is an accelerated two semester course based on the core chemistry standards for the State of Michigan. Laboratory experiences are designed around the scientific method to encourage critical thinking, scientific inquiry, and chemical calculations. Students complete various independent and group projects. Topics include atomic theory, chemical compounds and bonding, electron movement and configuration, molecular and empirical formulas, nomenclature, solids, liquids, and gases, moles, chemical reactions, thermochemistry, stoichiometry, acids and bases, equilibrium, oxidation -reduction, and reaction rates.

**Calculators are required.**

### **Honors Physics – Science**

Physics is comprehensive two semester course for juniors or seniors with a strong math and science background. Physics is the study of matter, energy and motion. Topics include: Mechanics, Thermodynamics, Electricity & Magnetism, and Light. Students learn how to problem solve and apply textbook concepts to everyday items that use physics principles.

### **Physical Science A**

Physical Science A is a course that covers the essential standards for physics as outlined by the State of Michigan. Students are encouraged to see the connections between physics and their everyday life. Students learn basic laboratory procedures and the scientific method of discovery while studying aspects of today's physical environment. An emphasis is placed on critical thinking and mathematical application. The class includes a variety of approaches to learning scientific principles such as lectures, discussions, experiments, cooperative learning and research. This course is required for all students, to be taken prior to their junior year. A calculator is highly recommended. The basic principles of physics covered include motion, forces, work, energy, waves, light, electricity and magnetism.

### **Physical Science B**

Physical Science B is a course that covers the essential standards for chemistry as outlined by the State of Michigan. Students are encouraged to see the connections between chemistry and their everyday life. Students learn basic laboratory procedures and the scientific method of discovery while studying aspects of today's chemical environment. An emphasis is placed on critical thinking and concept mastery. The class includes a variety of approaches to learning scientific principles such as lectures, discussions, experiments, cooperative learning and research. This course is required for all students, to be taken prior to their junior year. A calculator is highly recommended. The basic principles of chemistry covered include matter and change, atomic structure, periodic table, elements and compounds, names and formulas, and energy involved in physical and chemical changes.

## **NEWAYGO COUNTY CAREER-TECH CENTER**

We are a Michigan Career Technical Education Center serving 11th and 12th grade students from area high schools. Students attend a 1/2-day session, either a.m. or p.m., to pursue specific career interests by developing job-specific skills. All credits earned apply toward high school graduation and often college credit is obtained as well. Personal counseling, employability skills, and job placement services are provided to students.

### **Admission Process**

High school students must be enrolled through a high school in their area of residency prior to being admitted to a Center program. A schools-of-choice student may enroll through their schools-of-choice school. Contact your guidance counselor for information about career opportunities and training programs available at the Center. Tours are available by appointment. Please call (231) 924-0380.

## **Newaygo County Career-Tech Center Course Offerings for 2022-2023**

### **Agriscience**

Explore career areas related to agriculture, food, and natural resources. Study topics in animal, plant, and food science, as well as natural resources and energy. Obtain certification in pesticide application, livestock insemination, and landscape design.

### **Automotive Technician**

Learn theory, troubleshooting, and maintenance on all vehicles. Train in an ASE-certified program. Earn State of Michigan certification in brakes, electrical, suspension and steering.

### **Business Applied Technology**

Be prepared for a business-related career. First year students will work in business management and administration. Practice marketing and business skills while assisting in our school store. Award winning Entrepreneurship training for anyone considering owning your own business someday!

- Earn national certificates in Word, Access, Excel, and PowerPoint
- Become a member of our Business Professionals of America student club. Participate in business-related competitions and community service.
- Participate in an award-winning entrepreneurship program for those interested in starting their own business in the future.

- Second year students can move to accounting or deepen their learning in business management.

## **Construction Trades**

Our Construction Trades program provides students with the basics of residential construction. Students will work as a team to complete a construction project from plan to completion, while learning cutting-edge techniques used in both residential and commercial construction. Emphasis is placed on energy efficiency, sustainability, environmentally friendly practices and the opportunity to complete the OSHA 10-hour certification to ensure jobsite safety. With successful completion of the program students may also qualify for the State of Michigan 60-hour pre-licensure allowing them to take the State of Michigan Residential Builders License Exam.

## **Cosmetology**

Gain the knowledge and skills necessary to complete the State of Michigan examination for licensure. Hands-on learning with customers and mannequins. Perform services such as hairstyling, cuttings, perms, hair coloring, and manicuring in a salon environment. (Seniors only)

## **Criminal Justice**

Dual enroll as a West Shore Community College (WSCC) student and earn 12 free college credits! Gain a solid foundation in understanding the criminal justice system. Learn from a Michigan State Police Detective/Lieutenant, and a WSCC Instructor. Must pass WSCC entrance exam.

## **Culinary Arts**

Learn to work in and operate restaurant and café that is open to the public. Learn preparation, serving, safety, sanitation, equipment operation, and management.

## **Engineering**

The Engineering Program exposes students to Computer Aided Design (CAD) and Electrical Technology (Electrical Programming) for student centered projects following industry standards. Sketch, create, and interpret mechanical drawings. Make computerized drawings using AutoCAD and SolidWorks 3D software. Learn basic engineering and electronic processes and combine these by developing, designing and creating prototypes to solve problems.

## **Future Educators**

Students in the Future Educators will be paired with mentor teachers to provide students with experiences in all aspects of school-related activities from board and parent/teacher meetings to classroom and professional development experiences. In a process based on interviews, discussions, portfolios of student work, demonstrations,

field trips, and actual teaching experiences, students will gain a realistic understanding of teaching as a career.

Or

Students can focus on early childhood education through Child Development Associate (CDA) program. This course will lead the student through a year of work-based learning and classroom hours of professional education that will all go towards the Child Development Associate.

## Graphic Communications

Design logos, advertisements, brochures, & MORE. Create and screen print your own t-shirts. Design and print your own graduation announcements! If you are creative or artistic-this is the place for you!

- Learn illustration, design, web design, digital photography, video production, and computer graphics
- State-of-the-art computers, software and other specialized equipment
- Simulated and live production jobs
- Opportunities to compete in various local, state, and national contests
- Instruction and practice in all areas of offset lithography and screen printing
- Experience and training using the Adobe Creative Suite
- Learn to use pre-press equipment, offset printing presses, four-color screen-printing press, and post-press bindery equipment
- Operate a real printing business

## Health Sciences

Explore a variety of health and medical careers. Receive Certified Nurse Aid (CNA) training. Earn a certificate in CPR and First Aid, and college credit. Participate in work-based learning and job shadows.

## Manufacturing Engineering

The Manufacturing Engineering Program exposes students to Manufacturing Technology (Machining/CNC) for student centered projects following industry standards. Sketch, create, and interpret mechanical drawings. Make metal parts using a lathe, mill, drill press, grinder and more. Learn basic engineering design principles and combine them to assemble working metal parts.

## Truck and Heavy Equipment Technology

Train to trouble shoot and repair **the big stuff** - heavy equipment, farm equipment, trucks, and stationary gas and diesel engines. Train in an ASE-certified program. Earn certifications in heavy duty gas or diesel engines, transmissions, electrical, or brakes.

## Welding

Develop skills and welding techniques such as:

- Gas Metal Arc (MIG)
- Shield Metal Arc (Stick)
- Gas Tungsten (TIG)
- Oxyacetylene cutting & brazing
- Read diagrams, blueprints, and written specifications
- Train on a CNC Plasma Cutter

Newaygo High School (Home School) Curriculum Honor Point System

### General Class Grade Points

A+	4.333	C+	2.333
A	4.000	C	2.000
A-	3.667	C-	1.667
B+	3.333	D+	1.333
B	3.000	D	1.000
B-	2.667	D-	0.667

### Accelerated Class Grade Points

A+	5.333	C+	3.333
A	5.000	C	3.000
A-	4.667	C-	2.667
B+	4.333	D+	2.333
B	4.000	D	2.000
B-	3.667	D-	1.667

### Accelerated Classes - Raise 1 point from general class grade point

<b>English</b>	<b>Language</b>	<b>Science</b>	<b>Math</b>
English 1 Honors	Spanish 3 Honors	Chemistry 2	Honors Pre-Calculus
English 2 Honors	Journey of Cultures	Honors Chem.	Honors Calculus
English 3 Honors		Anatomy & Physiology	Honors Algebra 2
English 4 Honors/ College Writing		Honors Physics	Honors Geometry
		Engineering Science	

### General Classes

<b>English</b>	<b>Science</b>	<b>Social Studies</b>	<b>Math</b>	<b>Other</b>
English 1,2,3,4	Biology	American History	Basic Algebra 1	Advisory
	Chemistry	World History	Algebra 1	
<b>Language</b>	Food Science*	Govt./Civics*	Algebra 2	
Spanish 1	Forensics*	Current Events*	Geometry	
Spanish 2	Physical Science	Economics*	Personal Finance*	
Spanish 4	Animal Anatomy & Physiology	Psychology*		
		Michigan History		
			<b>Other</b>	
			Health*	
			Career Readiness*	

### Electives, cont...

<i>English</i>	<i>Industrial Arts</i>	<i>Life Skills Ent. Leadership</i>	<i>Physical Education</i>	<i>Technology</i>	<i>Other/Electives</i>
Creative Writing*	Drafting 1 & 2	Business Leadership*	9 <sup>th</sup> PE & Personal Success*	Coding Design*	Yearbook
Film & Media*		Fit for Life*	Fitness*	Media Production*	
	<b><i>Fine Arts</i></b>		Fit For Life*	Robotics*	
	Art*		Recreational P.E.*		
	Band		Sports Fitness*		
	Jazz Band				
	Drama*				

\* Denotes Semester classes (1/2 credit)

The above listing does not include Newaygo County Career Tech Center curriculum.

### Independent Study

= All Independent Study classes will be non-accelerated.

### Honor Roll

The grades for the following do not count toward honor roll; Work Study, Internship & Special Resources.

Any student receiving a grade of D or E for a marking period is automatically ineligible for honor roll.

Any student receiving a grade of D in an accelerated class may be eligible for honor roll

1/2 of a student's class load must be honor roll eligible.

### GRADUATION REQUIREMENTS BY GRADUATING CLASS

<b>Courses Required</b>	<b>Class of 2023</b>	<b>Class of 2024</b>	<b>Class of 2025</b>	<b>Class of 2026</b>
English: 1, 2, 3, 4	4 Credits	4 Credits	4 Credits	4 Credits
Math: Alg 1 & 2, Geom, Sr..Math	4 Credits	4 Credits	4 Credits	4 Credits
Science: Bio, Chem/Physics	3 Credits	3 Credits	3 Credits	3 Credits
American History	1 Credit	1 Credit	1 Credit	1 Credit
American Government/Civics	.5 Credit	.5 Credit	.5 Credit	.5 Credit
World History	1 Credit	1 Credit	1 Credit	1 Credit
Economics	.5 Credit	.5 Credit	.5 Credit	.5 Credit
Physical Education	.5 Credit	.5 Credit	.5 Credit	.5 Credit
Health	.5 Credit	.5 Credit	.5 Credit	.5 Credit
Visual/Performing Arts	1 Credit	1 Credit	1 Credit	1 Credit
World Language	2 Credits*	2 Credits*	2 Credits*	2 Credits*
Electives	4 Credits	4 Credits	4 Credits	4 Credits
<b>Total</b>	<b>22 Credits</b>	<b>22 Credits</b>	<b>22 Credits</b>	<b>22 Credits</b>

*All Students must complete the required MMC courses*

*\*1 credit may be filled by completing a department-approved formal career and technical education program or curriculum, or by completing a visual or performing arts instruction.*

Newaygo Secondary Schools  
Common Grading Policy

Letter Grade	Percent
A+	97.5
A	92.5
A-	89.5
B+	87.5
B	82.5
B-	79.5
C+	77.5
C	72.5
C-	69.5
D+	67.5
D	62.5
D-	59.5
F	0
I	0

CAREER PATHWAYS

**U.S. DEPARTMENT OF LABOR: GUIDE TO OCCUPATIONAL EXPLORATION PATHWAYS**

**MICHIGAN DEPT OF EDUCATION CAREER PATHWAYS**

The United States Department of Labor has divided all jobs into 12 major groupings based on interest. These are the same groups used for career exploration in the “Guide for Occupational Exploration” and the same pathways of education used as interest areas in “Career Scope”. Career Scope is an interest inventory given to 8<sup>th</sup> grade students to find their strongest areas of aptitude and interest. It is given again in the sophomore year to update interests.

The Michigan Department of Education has presented 6 Career pathways. In Michigan the goal of Career Pathways is to promote student success in career exploration and development.

Following is a table of comparison. On one side is the U.S. Department of Labor Career Pathways and adjacent is the Michigan Career pathways. (See Table Below)

Each of the 12 Career Pathways of the Department of Labor can be easily compared to the Michigan Career Pathways. Thus the results of the Career Scope Interest Inventory, which used the U.S. Depart of Labor Career pathways, can, as well, easily be conformed to the Michigan Dept of Education Career pathway.

Career Pathways is designed to provide all students completing a Michigan educational system with the necessary academic, technical and work behavior knowledge and skills for success in a career of their choice and lifelong learning. Career Pathways structure learning to aid educators and students in making meaningful connections to broad areas of actual career opportunities reflective of the current and emerging world of work.

<b>MICHIGAN DEPARTMENT OF EDUCATION CAREER PATHWAYS</b>	<b>U.S. DEPARTMENT OF LABOR CAREER PATHWAYS/CAREER SCOPE INVENTORY</b>
<b>Art and Communication</b>	<b>Artistic</b>
<b>Health Science</b>	<b>Science</b>
<b>Natural Resources and Agriscience</b>	<b>Plant and Animal</b>
<b>Human Services</b>	<b>Protective/Accommodating/Humanitarian /Physical Performing</b>
<b>Engineering/Manufacturing and Industrial Tech</b>	<b>Mechanical/Industrial</b>
<b>Business, Management, Marketing and Tech</b>	<b>Business Detail/Selling/Leading and Influencing</b>

#### NEWAYGO HIGH SCHOOL FOUR YEAR PLAN

There are several courses of study available to students attending Newaygo High School which lead to a high school diploma. The four year plans of “Career Pathways” have been designed to help students and their parents plan an educational and career goal, which best fits the needs of the student. Selecting and following a designed “Career Pathway” will educationally prepare the student for further education, and ultimately, his/her career choice.

Please select a course of study for the next four years. We realize that a student may change his/her career choice throughout high school. However, we feel that by having a plan and setting goals, the student will be prepared for whatever they choose to pursue after graduation. It is always possible to change the course of study and curriculum.

## **CAREER PATHWAYS FOR THE FOLLOWING PROGRAMS ARE AVAILABLE IN THE COUNSELING OFFICE.**

### **ART AND COMMUNICATION/ARTISTIC**

An interest in creative expression of feelings or ideas. You may satisfy this interest in the field of literature, performing arts, performing arts music or dance, and visual arts.

**Literary Arts:** Workers in this group write, edit, or direct the publication of prose or poetry. They may find employment in newspapers or magazines, in radio and television and in theater. Some writers are self-employed and sell stories, plays and other forms of literary compositions.

**Visual Arts:** Workers in this group create original works of art or do commercial art work, using such techniques as drawing, painting, photographing, and sculpturing to express or interpret ideas or to illustrate various written materials. Others teach art, or appraise or restore art. They also work for manufacturers and in retail and wholesale. They may design clothing or interiors.

**Performing Arts:** Workers in this area produce, direct, and perform in dramatic productions and similar forms of entertainment. They also teach acting and choose performers.

### **HEALTH SCIENCE/SCIENCE**

An interest in discovering, collecting, and analyzing information about the natural world and applying scientific research findings to problems in medicine, the life sciences and the natural sciences.

**Physical Science:** Workers in this group are concerned mostly with nonliving things, such as chemicals, rocks, metals, mathematics, movements of the earth and the stars, etc. They conduct scientific studies and perform other activities requiring knowledge of math, physics, or chemistry. Other areas may be fields as geology, astronomy, oceanography and computer science.

**Life Science:** Workers in this group are concerned mostly with living things such as plants and animals. They conduct research and do experiments to expand man's knowledge of living things. Some may work on problems relating to the environment and animal life. They may work in a field that studies disease and the cause of disease.

**Medical Science:** Workers in this group are involved in the prevention, diagnosis, and treatment of human and animal diseases, disorders or injuries.

**Laboratory Technology:** Workers in this group use special laboratory techniques and equipment to perform tests in the worlds of chemistry, biology or physics. They record the information, which resulted from the experiments they performed.

### **NATURAL RESOURCES AND AGRISCIENCE/PLANT AND ANIMAL**

An interest in activities to do with plants and animals, usually in an outdoor setting. You can satisfy this interest by working in farming, forestry, fishing and related fields. You may like doing physical work outdoors, such as working on a farm. You may enjoy animals. Perhaps training or taking care of animals would appeal to you. You may have management ability. You could own, operate or manage farms or related business or services.

**Managerial Work: Plant and Animals:** Workers in this group operate or manage farming, fishing forestry and horticultural service businesses. Others find employment with commercial nurseries, landscaping firms business serves, or government agencies.

**General Supervision: Plant and Animals:** Workers in this group supervise others and often work right along with them on farms or ranches, fish hatcheries or forests, plant nurseries or parks. Most of them work in rural or forest locations, but some jobs are located in city or suburban areas.

**Animal Training and Service:** Workers in this group take care of animals of many kinds and train them. They work in pet shops, testing laboratories, animal shelters, and veterinarian offices.

## **HUMAN SERVICES/PROTECTIVE/ACCOMMODATING/HUMANITARIAN/PHYSICAL PERFORMING**

An interest in helping individuals with their mental, spiritual, social, physical or vocational concerns. You may satisfy this interest by working in the fields of law enforcement, social work, nursing, childcare, customer service or hospitality

**Safety and Law Enforcement:** Workers in this group are in charge of enforcing laws and regulations. Most jobs are found in federal, state or local government, such as police and fire departments.

**Social Services:** Workers in this group help people deal with their problems. They may work with one person at a time or with groups of people. Workers sometimes specialize in problems that are personal, social, vocational, physical, educational or spiritual. Schools, rehabilitation centers, mental health clinics, guidance centers, and churches employ these people.

**Nursing, Therapy, and Specialized Teaching Services:** Workers in this group care for, treat or train people to improve their physical and emotional well being.

**Child and Adult Care:** Workers in this group are concerned with the physical needs and the welfare of others. They care for the elderly, the very young or the handicapped

**Hospitality Services:** Workers in this group help persons, such as visitors, travelers, and customers, get acquainted with and feel at ease in an unfamiliar setting; provide escort and guide services.

## **ENGINEERING/MANUFACTURING AND INDUSTRIAL TECH/MECHANICAL/INDUSTRIAL**

An interest in applying mechanical principles to practical situations using machine, hand tools, or techniques. You could seek a job in engineering, or in a related technical field. You could find a job in the crafts or trades, building, making or repairing objects. You may like to drive or operate vehicles and special equipment.

**Engineering:** Workers in this group plan, design and direct the construction or development of buildings, bridges, roads, airports, dams, sewage systems, air-conditioning systems and other structures and equipment.

**Managerial and Quality Control** – Workers in this group manage industrial plants or systems where technical work is being performed. Jobs are also found inspecting and testing materials for product standards.

**Production Technology:** Workers in this group use their skill and knowledge of machines and processes to perform one or more demanding or complex activities. Some set up machines for others to operate or set up and perform a variety of machine operations on their own.

**System Operation:** Workers in this group operate and maintain equipment in an overall system, or a section of a system, for such purposes as generating and distribute electricity; treating and providing water to customers; pumping oil from oil fields to storage tanks; making ice in an ice plant; and providing telephone service to users.

## **BUSINESS, MANAGEMENT, MARKETING AND TECH/BUSINESS DETAIL/SELLING/LEADING AND INFLUENCING**

An interest in organized, clearly defined activities requiring accuracy and attention to details, primarily in an office setting. Jobs in billing, computing or financial record -keeping would fit into this area.

**Administrative Detail:** Workers in this group perform clerical work, which requires special skills and knowledge. They perform management activities according to established regulations and procedures. Jobs in this group are found in the offices of businesses, industries, courts of law, and government agencies, as well as in offices of doctors, lawyers, and other professionals.

**Financial Details:** Workers in this group use basic math skills as they deal with the public.

**Sales Technology:** Workers in this group sell products such as industrial machinery, data processing equipment, and pharmaceuticals; services such as industrial shipping, insurance, and advertising.

**Educational and Library Services:** Workers in this group do general and specialized teaching, vocational training, advising in agriculture and home economics and library work.

**Business Administration:** Workers in this group are top level administrators and managers who work through lower level supervisors to direct all or a part of the activities in private establishments or government agencies. They set policies, make important decisions, and set priorities.

**Finance:** Workers in this group use mathematical and analytical skills to design financial systems and examine and interpret financial records.

**Law:** Workers in this group advise and represent others in legal matters.

## 2022-2023 Newaygo Public Schools Activities/Athletic Code

### Student Participation & Parent or Guardian or 18-year-old consent

In consideration of my/my child's participation in a Newaygo Public Schools Activity/Athletics, I/we do hereby agree, understand, and acknowledge: that participation in such athletics and activities is purely voluntary; that such activities and athletics involve physical exertion and contact and that there is inherent risk of personal injury associated with participation in such activities and athletics, which risk I/we assume; and that I/we agree to, and hereby waive any and all claims, suits, losses, actions, or causes of actions against Newaygo Public Schools, its members, officers, representatives, committee members, employees, agents, attorneys, insurers, volunteers, and affiliates based on any injury to me, my child, or any person, whether because of inherent risk, accident, negligence, or otherwise, during or arising in any way from my/my child's participation in a Newaygo Public Schools sponsored activity or athletic event.

I/we understand that I am/we are expected to adhere firmly to all established athletic policies of my school district and the Michigan High School Athletic Association. I/we hereby give my consent for the below student to engage in interscholastic athletics and activities and for the disclosure to the Michigan High School Athletic Association of information otherwise protected by FERPA and HIPAA for the purpose of determining eligibility for interscholastic athletics.

My child has my permission to accompany the team as a member on its out of town trips.

\_\_\_\_\_  
Signature of Parent      Date

\_\_\_\_\_  
Signature of Team Member      Date

\_\_\_\_\_  
Printed Name      Date

\_\_\_\_\_  
Printed Name      Date

## 2022-2023 Newaygo Public Schools Activities/Athletic Code

The following rules apply to all team members who participate in any interscholastic events in the Newaygo Public School system. These rules are calendar year rules; that is, these rules are to apply for each calendar year, including summer recess and any other time period in which classes are not in session.

These rules are formulated in an attempt to promote a unified policy for all of our team members. Because Newaygo's team members are highly visible representatives of their school and community, they must be exemplars of proper conduct. Newaygo team members are admired and respected and their conduct, both on and off the field of play, must be such that this admiration and respect is warranted.

1. Substance Abuse Policy:
  - a. No member of a Newaygo Public School extra-curricular program is to be in possession of and/or using tobacco, drinking alcoholic beverages, using illegal drugs at any time (including vape pens or similar paraphernalia and the use of mood modifying substances and "look alikes").
  - b. No member of a Newaygo Public Schools extra-curricular program is to attend an event where tobacco, alcoholic beverages, and drugs (including vape pens or similar paraphernalia, and the use of mood modifying substances and "look alikes") are being used illegally.
  - c. No member of a Newaygo Public Schools extra-curricular program is to participate in practice or contests while being prescribed a pain prescription that contains a NARCOTIC drug such as, but not limited to; Vicodin, Percoset, Oxycotin, or prescriptions with CODEINE which would mask further injury. Note: Ibuprofen, Tylenol, etc. are not NARCOTIC drugs.
2. Profanity: Profanity will not be tolerated or used.
3. Practice: Unless dismissed by Head Coach, 100% attendance is required
4. Citizenship & Sportsmanship: Show respect to administrators, coaches, teachers, team members, students and fans. This also refers to athletic officials and other competing teams and fans. This includes violating state or federal law and school regulations.
5. Travel: You are expected to ride the team bus/van to and from the contest (unless a signed permission slip is on file and approved by coach and administration.). Your conduct on the bus must be as ladies and gentlemen.
6. Dress: Team members are expected to be well groomed in accordance with the Student Guide.

**ABSENCE AND PARTICIPATION IN SCHOOL FUNCTIONS** (adopted by the Board of Education) Any student absent from school any part of the school day on the day of a school function will not be allowed to participate in or to attend that activity. \*\*Exceptions to this policy are: 1. Physician or dentist appointment. 2. Attending funeral 3. Personal (discussed with Principal or Athletic Director) in advance. 4. Unexpected emergencies accepted by the Principal or Athletic Director. Any questions to this policy should be discussed with the Principal or Athletic Director prior to any school function.

### **PENALTIES FOR VIOLATING RULES 1 and/or 4 OF THE ACTIVITIES/ATHLETIC CODE:**

**FIRST REPORTED VIOLATION:** The team member is to be suspended from participation in interscholastic events for a minimum of 20% of the allowable dates set forth by the Michigan High School Athletic Association in the extra-curricular program he/she is participating and/or the following season the student competes.

**Cross Country, Football, Volleyball, Basketball, Wrestling, Baseball, Softball, Track, Soccer and Golf.**

**SECOND REPORTED VIOLATION:** The team member is to be suspended from participation in interscholastic events for a minimum of one half of the current season and/or for a minimum of one-half of the next season that the student participates in. Suspension length to be determined by administration. The student will also be placed on probation for 180 days.

**ADDITIONAL REPORTED VIOLATIONS:** The team member is to be suspended from participation in all interscholastic events for the remainder of their middle school and or high school eligibility as defined by the MICHIGAN HIGH SCHOOL ATHLETIC ASSOCIATION and up to the discretion of NPS Administration.

**SUSPENSION COMPLETION:** Students serving suspensions must finish the season that the suspension is being served in good standing determined by the coach to be eligible to participate in another extra-curricular program. Any and all exceptions or adjustments to this policy will be made under the direction of a committee consisting of, but not limited to, the Assistant Principal/Athletic Director, Principal, coaching staff member, teaching staff member, and Newaygo Board member.

**Activities/Athletic Code Violations are on the student's permanent record, cumulative grades 6 through 12.**

The above rules were adopted by the Board of Education. If problems develop, they should be resolved in the following order:

1. Speak with your Coach about your particular problem or concern
2. Speak with the Athletic Director/Principal and put concerns in writing
3. Meeting with students, parents, and review committee
4. Superintendent
5. Board of Education

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Signature of Parent                      Date

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Printed Name                              Date

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Signature of Team Member                      Date

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Printed Name                              Date

NOTE: All participants in interscholastic events shall meet the academic requirements and regulations as set forth in the code of the Michigan High School Athletic Association and the NPS Board of Education.



# Newaygo Fight Song

Yea, Newaygo

Yea, Newaygo

Shouting to the Sky

Come on Team

We're Right Behind You

Will Be 'til We Die

(You Rah Rah)

Yea, Newaygo

Yea, Newaygo

Go Out there and Fight

Come on Team

We'll Win this Game

So Fight, Fight, Fight

**Newaygo Lions!**