North Muskegon HS
2026-2027 Coursebook

MISSION

The North Muskegon Public Schools staff, in partnership with parents and the community, will educate each student. Our mission is student mastery of skills to promote lifelong learning and the development of positive self-esteem leading students to become productive, responsible citizens.

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MICHIGAN Department of Education

Profile of a Graduate

These skills can be obtained through instruction that includes real world challenges, cross-content integration, relevancy to student lives, and transfer of knowledge.

HIGH SCHOOL

Michigan High School CORE graduation requirements

NMHS Graduation Requirements

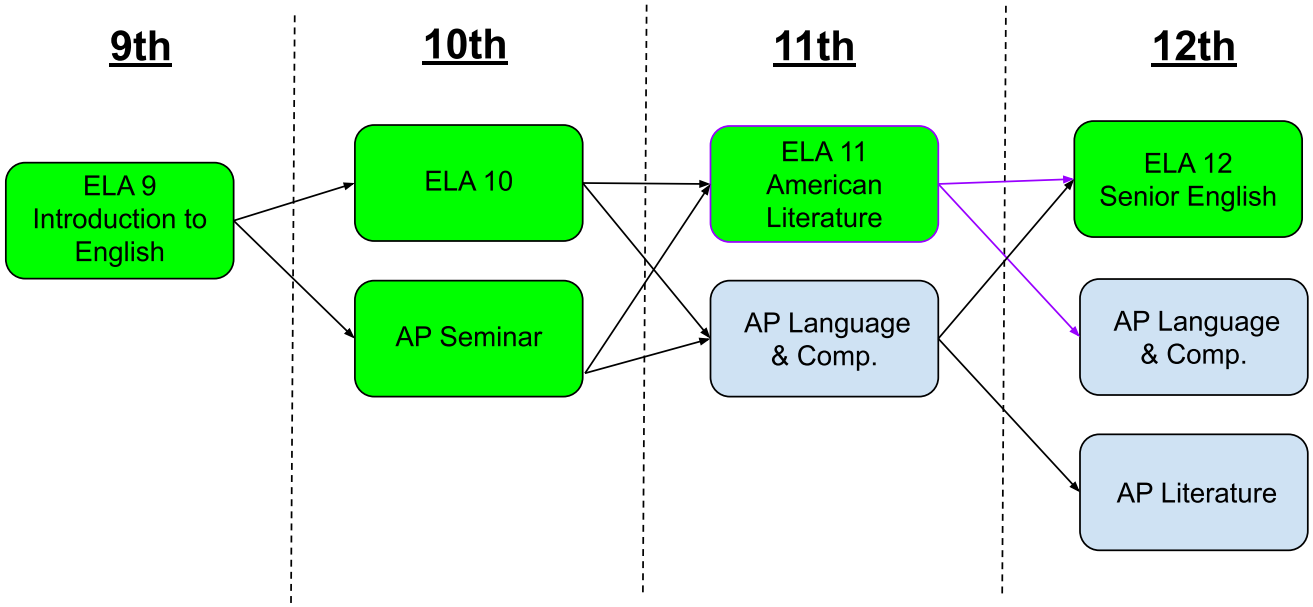
English	4.0 cr. English 9, English 10, American Literature, Senior English **AP English may substitute requirements*
Math	4.0 cr. *Algebra I, Geometry, Algebra II, Senior Math* **AP Math may substitute past Algebra II*
Science	3.0 cr. *Biology, Chemistry, Physics A, Environmental Science A/B* **AP Science doesn't substitute requirements*
Social St.	3.0 cr. *U.S History A/B, Economics, Government, World History A/B* **AP Soc St may substitute requirements*
Phys. Ed.	0.5 cr. **1/2 PE credit may also be awarded for approved participation in varsity sport*
Health	0.5 cr
Personal Finance*	0.5 cr *Personal Finance 0.25 cr + Economics=0.5 credits* *Required for class of 2028 and beyond.
Visual, Performance, and Applied Arts	1 cr. *Art, Choir or Orchestra*
World. Language	2.0 cr.(*matches MME state requirements)*
Electives	8.5-11 cr. *varies by year of graduation*
TOTAL	**28 cr.**

Sample graduation template

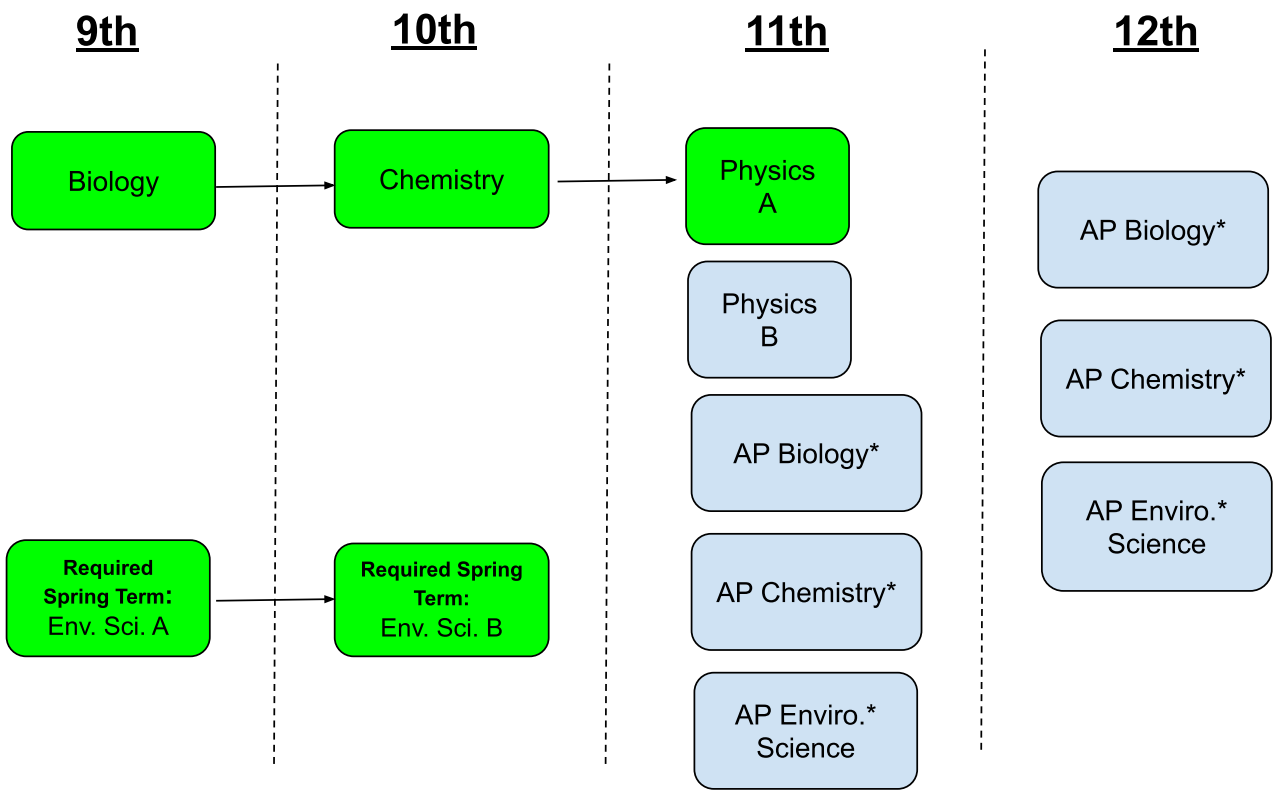
9th	Math	Eng	Sci	Core Soc St	*elective*	*elective*
10th	Math	Eng	Sci	Core Soc St	*elective*	*elective*
11th	Math	Eng	Sci	Core Soc St	*elective*	*elective*
12th	Math	Eng	*elective*	*elective*	*elective*	*elective*

Course Sequences

English/Language Arts

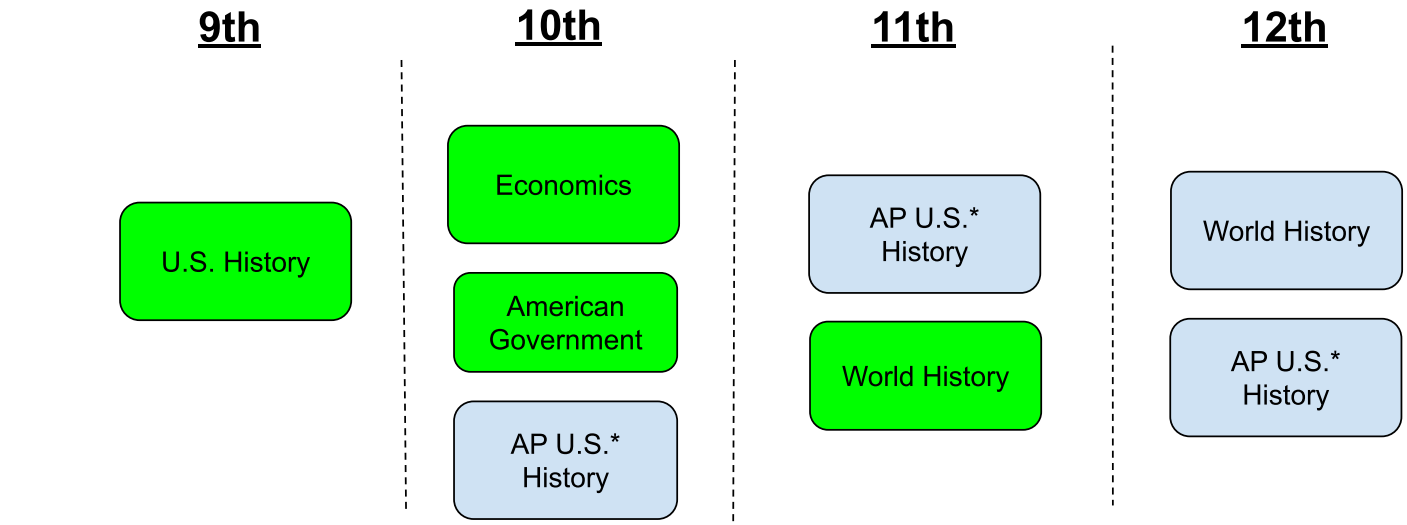


Science

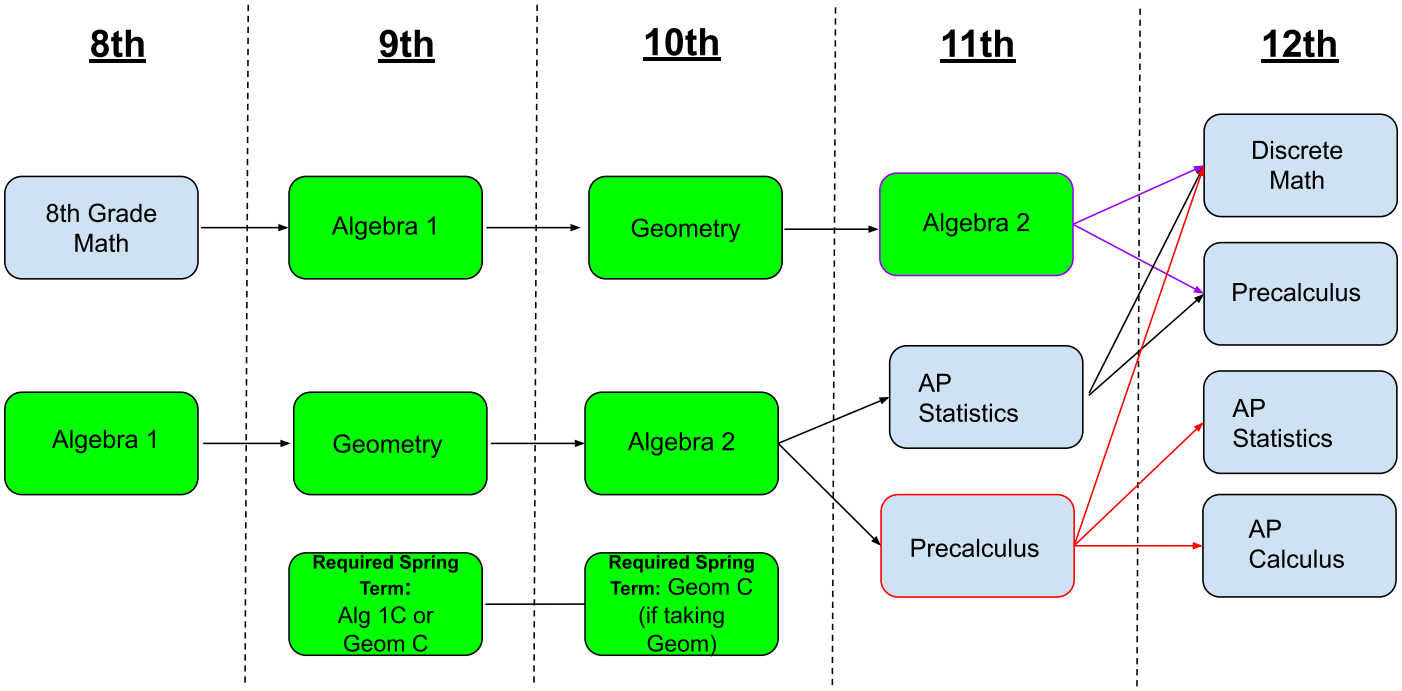


Potentially offered every other year

Social Studies



Math



CREDIT-NO CREDIT COURSES

North Muskegon HS uses the grades **A, B, C, D, F**, **CR,** and **N**. Credit-only courses are not figured into the grade point average, only total credits earned. Non-required courses may be "audited" or taken on a "credit/no-credit" basis by juniors and seniors only with the prior consent of the instructor & administration. If the course is not passed by the student, a grade of "N" is earned. To earn credit on a CR/N basis, the combined percentage of marking period and exam grade must be 60%. For online courses, 100% of the course must be completed with at least a 60% final grade.

CREDIT RECOVERY & SECONDARY SUPPORT

Online credit recovery courses that make use of a computer-based integrated learning system are offered during Fall, Winter, and Spring terms. The minimum grade earned needed to receive credit is 60%. Given the fast pace of these challenging courses, successful students should plan on considerable effort and time outside of their school day.

DROP/ADD COURSE REQUESTS

Students may adjust their course schedules by contacting our MS/HS Principal or the school counselors. After the 5th day of each term, no schedule changes will be made. It is not standard practice to change a schedule for teacher, or class hour, preference. **spring term holds a shorter drop/add period.*

GRADING SCALE & APPEAL OF ISSUED GRADE

North Muskegon High School does not weigh accelerated or advanced courses. The following are grade point equivalencies:

A 4.00	C 2.00
A- 3.67	C- 1.67
B+ 3.33	D+ 1.33
B 3.00	D 1.00
B- 2.67	D- .67
C+ 2.33	F 0

North Muskegon Public Schools Board of Education policy #8055 provides a method for a student to appeal the grade earned in any course. The appeal must be made in writing to the building principal within 30 days after the grade is issued. The 30 days normally begin five calendar days after the end of the term.

Test Out

Legislation (PA 335, Section 1279B) requires school districts to provide the opportunity to "test out" of high school courses. Students who earn 78% or better on the exam can earn MMC credit. **No grade will be transcribed.** Students will be notified by the main office of when to sign up to "test out".

Educational Development Plan (EDP)

The State of Michigan requires that each student identifies both career goals and a plan of action to achieve them. EDPs are developed for every 6-12th grade and periodically revised throughout their secondary educational experience, to reflect the student's career interests and options. Currently, NM uses Xello, a web-based program to create and update EDPs. Students can sign onto Xello through PowerSchool.

DUAL ENROLLMENT

Students may take classes at local colleges if they are state-eligible. The college course must not be offered by the district. An exception to this could occur if the administration decides that a scheduling conflict exists, which is beyond the student's control. In addition, the college course must **not** be considered a hobby, craft, or recreation. Courses also excluded are those in the subject areas of physical education, theology, divinity, or religious education. Credit obtained will be given college credit unless the student's postsecondary plans deem otherwise. NM will pay for academic credit only. Students must meet PSAT requirements in order to be eligible for dual enrollment. Eligible students may not take more than 2 courses during the first academic year. Overall, an eligible student may not exceed 10 courses within their HS experience.Transportation is the responsibility of the student. Students who fail to earn credits in a course are expected to reimburse the district for the total cost of the credits attempted. **Spring dual enrollment is limited.*

The State of Michigan has directed school districts to assist students in paying tuition fees for courses at Michigan public or private colleges or universities if all conditions are met. Students must declare their intention to dual enroll by the end of the previous semester. Reference this link for the state guidelines: Dual Enrollment.

EARLY COLLEGE

This three-year program allows qualified and admitted students to earn a high school diploma and up to 62 college credits at the same time, for free. Students must apply and be admitted during the second semester of their 10th grade year. For more information about Early College, go to www.muskegoncc.edu/ecmc.

MICHIGAN VIRTUAL HIGH SCHOOL

North Muskegon offers the opportunity for high school students to take courses offered by Michigan Virtual High School and Edgenuity. Juniors and seniors have priority to schedule a class online if they cannot meet a full academic schedule on campus. Course selection should align with the student's EDP. Online classes cannot be taken IF they are offered, in person, at North Muskegon, unless there is a scheduling conflict. Students petition for admittance by meeting with a counselor to determine eligibility. This process should be done prior to the first week of school in the fall or two weeks prior to each term. Forms are available in the counseling office. **Only credit recovery in the spring term is scheduled.* For more information regarding courses, go to www.mivhs.org or Edgenuity.

CAREER TECH CENTER

11th and 12th grade students can apply to take courses aligned to their postsecondary plan at our county Career Tech Center. Classes are free, take place during the normal school day, and last 2.5 hours. Interested students should speak to their high school counselor about enrollment by April for fall enrollment. Space is limited so a spot is not guaranteed. Students cannot enroll mid-year. More information found here.

MHSAA ELIGIBILITY *Questions? Call the athletic office at 231-719-4144*

- Student Eligibility (excerpt from www.mhsaa.com)...
- You were enrolled in a high school not later than the fourth Friday after Labor Day.
- You will not have turned 19 before Sept.1.
- You have had a physical exam since April 15, and it is on file in the school office. ● You have not been enrolled in more than 8 semesters in high school (grades 9-12) ● You have passed the equivalent of at least 20 credit hours in the previous semester of school (4 of 6 classes in a six-hour day)
- You are currently passing the equivalent of at least 20 credit hours.
- You have not changed schools without a corresponding move by your parents and persons with whom you were living for at least 30 calendar days during your last semester. ● You have not received money or other valuable considerations for participating in MHSAA tournament sports.
- You have not participated in non-school contests during your sports season after having reported for your school team (club sports)
- You have not competed in an all-star or national championship after having played for a high school team in the same sport.

National College Athletic Association

To participate in athletic competition at a Division I or II college, students must meet NCAA initial eligibility requirements. Go to www.ncaaclearinghouse.net for details about registering with the NCAA and a list of NMHS-approved core courses.

North Muskegon High School Courses

*courses are required
**Full year courses MUST be taken terms 1, 2 and 3
Not every course is offered every year.

English, Language Arts			
Course	***Grades***	***Prerequisites***	***Term***
*English 9**	*9*		*Full Year*
*English 10**	*10*	*English 9 A/B/C*	*1,2*
AP Seminar	*10*	*English 9 A/B/C*	*Full Year*
*American Literature**	*11*	*English 10 A/B*	*1,2*
*Senior English**	*12*	*American Lit A/B*	*1,2*

Course	Grades	Prerequisites	Term
AP English Language and Composition	*11,12*	*English 10 A/B or AP Seminar*	*Full Year*
AP English Literature	*11,12*	*AP English Lang and Composition A/B/C*	*Full Year*
Book Club	*9-12*		*3*
College Writing	*10-11*		*3*
Creative Writing	*9-12*		*3*
Intro to Debate	*9-12*		*3*
Publications (Yearbook)	*10-12*		*Full Year*
Fine Arts/Performing Arts			
Course	**Grades**	**Prerequisites**	**Term**
Choir	*9-12*		*1,2,3*
Intro to Improv	*9-12*		*3*
Musical Theater	*9-12*		*3*
String Orchestra	*9-12*		*1,2,3*
Mathematics			
Course	**Grades**	**Prerequisites**	**Term**
*Algebra 1**	*8-9*		*Full Year*
*Geometry**	*9-10*	*Algebra 1 A/B/C*	*Full Year*
*Algebra 2**	*10-11*	*Algebra 1 A/B/C Geometry A/B/C*	*1,2,3 (third semester for 10th only)*
Precalculus	*11-12*	*Algebra 2 A/B/C*	*1,2*
AP Calculus (26-27 school year will replace Calculus)	*11-12*	*Precalculus*	*Full Year*
AP Statistics	*11-12*	*Algebra 2 A/B/C*	*Full Year*
Discrete Math	*12*	*Algebra 2 A/B/C*	

Course	Grades	Prerequisites	Term
Intro to Personal Finance (2028+)*	*10-12*		*3*
Puzzles and Games	*9-12*		*3*
Sports Statistics	*9-12*		*3*
Physical Education/Health			
Course	**Grades**	**Prerequisites**	**Term**
Backpacking	*9-12*		*3*
*Health**	*9-12*		*1,2*
Intro to Tennis	*9-12*		*3*
Norse Pride (Weight Lifting)	*9-12*		*1,2*
Physical Education	*9-12*		*1,2,3*
Sports History	*9-12*		*3*
Sports Refereeing	*9-12*		*3*
Spring Weights and Conditioning	*9-12*		*3*
Yoga	*9-12*		*3*
Science			
Course	**Grades**	**Prerequisites**	**Term**
*Biology**	*9*		*1,2*
*Chemistry**	*10*	*Algebra 1 A/B/C Biology A/B*	*1,2*
*Environmental Science A**	*9*		*3*
*Environmental Science B**	*10*		*3*
*Physics A**	*11*		*1,2*
Physics B	*11-12*	*Physics A*	*2*

Course	Grades	Prerequisites	Term
Anatomy & Physiology	*10-12*		*1,2*
AP Biology	*11-12*	*Biology A/B/C* *Chemistry A/B*	*Full Year (every other year opposite of AP Chemistry)*
AP Chemistry	*11-12*	*Chemistry A/B*	*Full Year (every other year opposite of AP Biology)*
AP Environmental Science	*11-12*	*Algebra 1 A/B/C* *Biology A/B* *Chemistry A/B*	*Full Year*
Intro to Forensic Science	*9-12*		*3*
Social Studies			
Course	**Grades**	**Prerequisites**	**Term**
*US History**	*9*		*1,2*
*Economics**	*10*		*1,2*
*Government**	*10*		*1,2*
*World History**	*11*		*1,2*
AP US History	*10-12*		*Full Year (every other year)*
Echoes of the Camps: Holocaust	*9-12*		*3*
History vs. Hollywood	*9-12*		*3*
Michigan Geography	*9-12*		*3*
Michigan History	*9-12*		*3*
National Parks	*9-12*		*3*
Practical Law A	*10-12*		*1,2*
Practical Law B	*10-12*		*1,2*
Psychology	*10-12*		*1,2*

Visual Arts			
Course	**Grades**	**Prerequisites**	**Term**
Art	*9-12*		*1,2*
Intro to Gone Boarding	*10-11*		*3 (double block)*
World Language			
Course	**Grades**	**Prerequisites**	**Term**
*Spanish 1**	*9-12*		*1,2*
*Spanish 2**	*10-12*	*Spanish 1*	*1,2*
Spanish 3	*11-12*	*Spanish 2*	*1,2*
Hispanic Visual Art	*9-12*		*3*
Spring Spanish	*9-12*	*Spanish 1 or 2*	*3*
Other Classes			
Course	**Grades**	**Prerequisites**	**Term**
AP Prep	*10-12*	*Must have 3 or more AP courses*	*1,2*
Norse Cadet	*10-12*		*1,2,3*
*SAT Prep**	*10*		*3*
Workplace & Intern. Readiness	*11*		*1,2*
Internship: WBL	*11-12*		*1,2*
Career Tech Center	*11-12*		*1,2,3*

English Language Arts

English 9 (Introduction to English - required)

Freshmen English will focus on basic language art skills. The course will include speaking, writing, and listening assignments regularly. The writing process is a major focus for freshmen with an emphasis on formal essay writing. Reading strategies for novels, short stories, drama, and poetry will be threaded through the program as well. Building an appreciation of literature and expanding a student's ability to express ideas are both goals of English 9.

English 10 (required)

Prerequisite: English 9

This course gives students exposure to a wide variety of literature and the diversity of cultures from around the world. It involves extensive reading and discussion of thematic literature units, emphasizing writing styles and techniques of foreign and American authors, as well as contemporary authentic themes. Genres studied include short stories, essays, biographies, poetry, legends, and the novel. Curriculum resources during the first trimester include units from McDougal Littell's Language of Literature text and the novels Fahrenheit 451 by Ray Bradbury and Anthem by Ayn Rand. The second trimester focuses on The Legend of King Arthur, Shakespeare's Julius Caesar, and William Golding's novel, Lord of the Flies. Students will further develop vocabulary and grammar skills, as well as continued experience in defining and refining personal, academic and expository writing proficiency.

AP Seminar

Prerequisite: English 9

AP Seminar is a foundational College Board course that teaches students critical thinking, research, collaboration, and communication skills through an inquiry-based approach, focusing on analyzing complex, cross-curricular issues and crafting evidence-based arguments from various sources and perspectives. It's project-based, involving research, writing essays, and presentations, preparing students for college-level work by developing skills applicable across any discipline.

American Literature (required)

Prerequisite: English 10

Increasing student knowledge of American Literature is the main goal of English 11 as well as developing formal, academic writing skills. Term A will cover literature from the 1400s through the 1800s. The main students' texts for term A will be the McDougal-Littell American Literature book and The Scarlet Letter.Term B will cover literature from the 1800s through the present day. The main focus of term B will be poetry and novel studies including: The Great Gatsby, Of Mice and Men, A Separate Peace, A Streetcar Named Desire, Fallen Angels, and Into the Wild. Grammar and vocabulary will be addressed through weekly exercises and during the revision and editing phases of the writing process.

Senior English (required)

Prerequisite: American Literature

Senior English will be a culmination of the application of literature study toward the essential questions of: Who am I? Where did I come from? Where am I going? Emphasis will be placed on both writing in an academic setting, and writing for business purposes. Various pieces from significant periods in world literature will be the focus of our discussions and writings. A senior reflective thesis

will be the culminating activity of the course.

AP English Language and Composition (full year course)

Prerequisite: English 10

This course engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Students should expect a rigorous undergraduate English experience with intellectual challenges and a considerable workload that culminates with the required AP English and Literature Exam in May.

AP English Literature (full year course)

Prerequisite: AP English Language and Composition

Designed to be a college level course, rich in higher level thinking, this course will challenge, inspire, and enrich the eager literature student. Using works that range from the sixteenth through twenty-first century as well as several genres and modes, the reading, writing, listening, and speaking experiences will broaden human understandings about the world around us today. Students should expect a rigorous undergraduate English experience with intellectual challenges and a considerable workload that culminates with the required AP English and Literature Exam in May.

Book Club (spring term)

Join fellow book enthusiasts to explore a variety of captivating stories and engage in lively discussions. This book club will encourage students to expand their literary horizons and develop a deeper appreciation for the written word.

College Writing (spring term)

This course will focus on the skills it takes to write an impressive college entrance essay, dive deeper into what makes a great college writing piece, and more. Students will get feedback and differentiated instruction based on their specified college goals to not only help them improve their chances of getting into their dream college but also succeed while there!

Creative Writing (spring term)

Creative Writing is an elective course designed to develop students' expressive, analytical, and reflective writing skills through the study and creation of original works in multiple genres. Emphasizing voice & craft, this course provides structured opportunities for students to explore identity, perspective, and social issues through poetry, narrative writing, song analysis, satire, and reflective composition. Creative Writing provides a structured yet supportive environment that encourages thoughtful risk-taking, personal reflection, and the development of confident, purposeful writers.

Debate (spring term)

This course focuses on the fundamentals of debate, including research, case construction, and effective delivery. Students will participate in various debate formats, enhancing their ability to think critically and speak persuasively.

Publications/ Yearbook (full year course)

This course develops skills necessary in producing the North Muskegon High School and Middle School yearbook. Students will learn photography, editing, graphic design, and writing skills. Also, students will gain experience in public relations, leadership, and computer technology. Students will be required to complete various projects and work independently to meet deadlines with professional quality work. Students are required to participate in various fundraising activities outside of class for the yearbook. Publications is a year-long class and requires a year-long commitment from students to complete their tasks in and outside of class.

Fine Arts/Performing Arts

Choir

This course emphasizes choral blend using the fundamentals of voice. Knowledge of diaphragmatic breathing, choral tone, ear training, solfege, diction, rhythm, sight-reading, dynamics, and choral style are developed. Awareness of choral composers and Broadway-type musicals are also developed. The repertoire is taken from the Renaissance, Baroque, Classical, Romantic, 20th-century, and jazz eras of music history, as well as contemporary choral music. Students are also provided opportunities to participate in special vocal events such as Honors Choir and Solo & Ensemble and travel and perform throughout the community, state, and even nationally. Students can expect both written and oral tests throughout the term. Attendance at all planned concerts and functions is encouraged (fall concert, holiday concert, Pops concert, choral festival, spring concert, baccalaureate, graduation, and other community and school events). A choir uniform is required for these events. Students must purchase these items. Fundraising opportunities will be available, as well as financial support from the Music Boosters for students in need.

Musical Theater (spring term)

Musical Theater provides a dynamic environment to learn and perform, blending acting, singing, and movement. Students will gain confidence and stage presence while working collaboratively on musical scenes and songs.

Intro to Improv (spring term)

Explore the exciting world of improv! Students will learn to embrace spontaneity, develop strong listening skills, and build confidence through fun and engaging improvisational games and exercises.

String Orchestra

This course primarily involves the preparation and performance of string orchestra literature. The basics of: ear training, music history, music theory, music composition, instrument technique, music acoustics, the business of music, and music aesthetics will also be covered. Daily individual home practice is required. Attendance at all official string orchestra functions is encouraged (any exceptions must be pre-approved by the director). Public performances include: concerts, festivals, baccalaureate, senior honors assembly, graduation, and others. Students provide their own standard orchestra instruments.

Mathematics

Algebra 1 (required) (full year course)

This course progresses from the use of variables in mathematical expressions to linear sentences and concludes with the study of quadratic equations. Highlights include slope and intercepts, translations and size changes, graphing, compound interest, exponential growth and decay, and factoring. Algebra I provides the foundation for solving problems mathematically and integrates preliminary study in geometry, probability, and statistics. *A scientific calculator is required.*

Geometry (required) (full year course)

Prerequisite: Algebra I

This course presents theories of Euclidean Geometry as well as those from other geometries and their applications. Students will use coordinates, transformations, measurement formulas, and properties of polygons and three-dimensional figures. There is a large emphasis on logical reasoning which will be demonstrated through proofs and the application of multiple existing algebraic skills as they apply to shapes and figures. *A TI-30XIIS or similar entry-level scientific calculator is required.*

Algebra II (required)

Prerequisite: Algebra I & Geometry

This course emphasizes facility with algebraic expressions and forms, including linear and quadratic forms, powers and roots, and functions. Highlights include the study of matrices, imaginary numbers, logarithms, polynomials, quadratic relations, and the use of a graphing calculator. (TI-84 or TI-83+ is recommended. NMPS does have a limited supply of calculators for students to use.) It also integrates preliminary study in trigonometry. Third semester for 10th grade only.

Pre-calculus

Prerequisite: Algebra II

This course is designed to be the final step in preparing students for a high school or college calculus course. The majority of the course work is with various types of functions, including polynomial, rational,exponential, logarithmic and trigonometric functions. Other topics include simplifying algebraic expressions, factoring, sequences, the theory of limits and basic derivatives.

AP Calculus (26-27 school year)

Prerequisite: Precalculus

AP Calculus focuses on students' understanding of calculus concepts and provides experience with methods and applications. The emphasis on the big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions) allows learners to make connections between content and see calculus as a unified whole, rather than a list of fragmented, separate topics. The courses feature a multi-representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is woven throughout the course.

AP Statistics (full year course)

Prerequisite: Algebra 2

A review of the concepts and mathematics involved in both calculating probability of events with randomness and also using statistical analysis. Concepts such as normal distribution, standard deviation, variance, z-scores, and confidence intervals are all mastered and applied.

Discrete Math

Prerequisite: Algebra II

This course is designed for students that are looking for a different application of already learned math concepts, as well as learning topics relevant to their post-high school lives. This course meets the MMC requirement of senior year math. Students will cover topics related to personal finance such as budgeting, calculating taxes, investing, and paying off debt – often using electronic spreadsheets. Students will be expected to present different projects to the class multiple times throughout the two semesters.

Intro to Personal Finance (spring term)

**This is a new MME required course for the class of 2028 and beyond. Students will earn .25 credits in this course toward the required.50 credit.* This course equips students with essential financial literacy skills, covering topics like budgeting, saving, investing, and credit management. Students will learn practical strategies to make informed financial decisions and build a foundation for future financial well-being.

Puzzles and Games:

This course explores the world of puzzles, games, and logical thinking through hands-on challenges and play. Students will look at the various skills, rules, and strategies to compete and complete different puzzles and games. Through a multitude of different activities, students will develop problem-solving skills and use critical thinking that apply to everyday decision-making. No advanced math skills are required-- just curiosity and a love of puzzles, games, and logic.

Sports Statistics (spring term)

Explore the world of sports through data! Students will learn to use statistical tools to analyze player and team performance, predict outcomes, and understand the role of data in modern sports.

Physical Education/Health Education

Backpacking (spring term)

Students will rotate through each class for 3-5 weeks between the following classes gathering the skills for the opportunity for a class overnight field trip backpacking. Location TBA. Class Rotations:

- National Park
- Survival Skills
- Outdoor Recreation

Health (required)

½ credit of health education is required for all high school students. The content of this course meets the requirements set by the Michigan Department of Education. Content expectations include developing personal and social skills to deal effectively with health-risk situations, learning to identify

healthy alternatives to specific high-risk behaviors, obtain and understand the critical knowledge and skills necessary to use basic health information to enhance healthy living, and provide information on behaviors that have the greatest effect on health; physical activity, violence and injury, alcohol and other drug use, tobacco use, and sexual behaviors that lead to HIV, STDs, or unintended pregnancy. Students may opt out of the sexual behaviors unit by completing a written request and submitting the request to the teacher of the course two weeks prior to beginning of the sexual behaviors unit.

Intro to Tennis (spring term)

This course will allow students to learn how to play tennis, a lifelong sport. Basic stroke techniques, rules, scoring, etiquette, doubles, basic strategy, and court geometry will be covered.

Norse Pride (Weight Lifting)

This is a weights and conditioning class specifically targeted at helping create physical fitness, strength, and speed. Students will also learn appropriate routines for using weight lifting equipment, proper form and technique, and how to create customized training plans for themselves to meet specific fitness and strength goals.

Physical Education

This course is intended to develop the student physically, mentally, individually, and socially through team sports, group games, and activities. Physical fitness tests are administered and general conditioning is emphasized.

Sports History (spring term)

This course examines the evolution of sports, exploring their cultural, social, and political impact throughout history. Students will analyze how sports have reflected and shaped society, from ancient civilizations to modern-day athletics.

Sports Refereeing (spring-term)

This course prepares students for the world of sports refereeing. We'll cover rules of the game, ethics, and the role of officials in sports. Through online modules, students will have the ability to become certified as a referee in a variety of sports.

Spring Weights and Conditioning (spring term)

This is a weights and conditioning class specifically targeted at helping create physical fitness, strength, and speed. Students will also learn appropriate routines for using weight lifting equipment, proper form and technique, and how to create customized training plans for themselves to meet specific fitness and strength goals.

Yoga (spring term)

Looking for a class where you can learn relaxation strategies, stretching, and strengthening techniques? This class is an opportunity to develop skills for focusing, quieting your mind, seeing and observing, understanding the science of brain functions, caring, reframing thoughts, developing healthy lifestyles, strengthening mind and body, and developing connections. The Yoga portion of the experience will be a time to practice basic skills including yin, relaxed stretching postures, to vinyasa flow styles to strengthen the body and develop balance. Students will develop and improve their yoga practice with this daily opportunity.

Everyone is welcome, at all levels! Requirements listed below:

1. An open mind with an intention to participate

2. Comfortable modest appropriate yoga attire
3. A yoga mat
4. The possible expense of a guest professional yoga instructor is up to $20

Science

Biology A, B (required)
Students complete their cellular studies with a comprehensive, in-depth examination of the cellular basis of inheritance (cell division) and Mendelian genetic principles. Human genetics and the implications of the Human Genome Project are explored. The course ends with a unit on natural selection and the other mechanisms of evolution (change over time). Students will daily develop and practice their critical writing skills, consider cause and effect relationships, and utilize cooperative learning skills.

Chemistry A, B (required)
Prerequisite: Algebra and Biology
An overview of general chemistry aimed at preparation for college chemistry. Emphasis is placed on concepts in chemical nomenclature, chemical bonding, chemical reactions, laboratory techniques, problem solving skills, qualitative analysis, the gas laws, and acid/base chemistry.

Environmental Science A (Required 9th Grade)
From the earliest forms of agriculture to the latest technologies, all human activity has drawn on natural resources and has had both short- and long-term consequences, positive as well as negative, for the health of both people and the natural environment. These consequences have grown stronger in recent human history. Society has changed dramatically, and human populations and longevity have increased, as advances in science and engineering have influenced the ways in which people interact with one another and with their surrounding natural environment. Not only do science and engineering affect society; society's decisions (whether made through market forces or political processes) influence the work of scientists and engineers. These decisions sometimes establish goals and priorities for improving or replacing technologies; at other times they set limits, such as in regulating the extraction of raw materials or in setting allowable levels of pollution from mining, farming, and industry. (National Research Council's A Framework for K-12 Science Education)

Environmental Science B (Required for Grade 10 - spring term)
The performance expectations in Environmental Science B help students formulate answers to the questions: "How and why is Earth constantly changing?" and "What is the universe, and what is Earth's place in it?" Environmental Science B performance expectations may include any of the following: ● Develop a model based on evidence to illustrate the life span of the sun and the role of nuclear fusion in the sun's core to release energy that eventually reaches Earth in the form of radiation. ● Construct an explanation of the Big Bang theory based on astronomical evidence of light spectra, motion of distant galaxies, and composition of matter in the universe. ● Communicate scientific ideas about the way stars, over their life cycle, produce elements. ● Use mathematical or computational representations to predict the motion of orbiting objects in the solar system.

- ● Construct an explanation based on evidence for how the availability of natural resources, occurrence of natural hazards, and changes in climate have influenced human activity ● Analyze geoscience data to make the claim that one change to the Earth's surface can create feedback that causes changes to other Earth systems.

- Use a model to describe how variations in the flow of energy into and out of Earth's systems result in changes in climate.
- Analyze geoscience data and the results from global climate models to make an evidence-based forecast of the current rate of global or regional climate change and associated future impacts on Earth's systems.

Physics A (required)

Prerequisite: Algebra II

Students will work toward the objectives required by the State for Physics with a focus on the Michigan Science Standards and Next Generation Science Standards. http://www.nsta.org/docs/NGSSParentGuide.pdf We will be using the modeling instruction approach to explore concepts. https://modelinginstruction.org/parents/ Students will gather, interpret, and present a wide variety of data from class experimentation to determine relationships between variables. Emphasis is placed on applying math skills and collaborative learning techniques. Topics include: Scientific Thinking and Basic Science Skills, Constant Velocity, Uniform Acceleration, Newton's Laws – Free Particle Model.

Physics B

Prerequisite: Physics A

A continuation of Physics A, we dig deeper into work on forces and the engineering process. By using the West Point Bridge Program students will test, design, and built a bridge using computer software and physical models using file folders. Students gather, interpret, and present a wide variety of data from class experimentation and apply their understanding to engineer solutions to problems. Emphasis is placed on applying math skills and collaborative learning techniques.

Anatomy & Physiology

The course focuses on a few themes that, when taken together, provide a full view of what the human body is capable of and of the exciting processes going on inside of it. The themes are:Structure and function of the body, and the connection between the two, Homeostasis, the body's natural tendency to maintain a stable internal environment, Levels of Organization, the major levels of organization in the human organism from the chemical and cellular levels to the tissues, organs and organ systems, Integration of Systems, concerning which systems are subsets of larger systems, and how they function together in harmony and conflict.This course offers an active learning experience that will increase comprehension of anatomy and physiology. Student understanding and mastery of the material offered in this course will provide a solid foundation to explore careers in the health and fitness industries. By taking this course,students will begin to think and speak in the language of medical science while integrating the knowledge they gain about anatomy to support explanations of physiological phenomena.

AP Biology (full year course)

From the smallest units of life to how healthy ecosystems can be sustained, AP Biology explores the key principles of biology. While you learn about genetics and how it affects evolution, how energy flows through ecosystems and other fascinating topics, you'll also learn how to think critically, solve problems, and communicate scientific ideas effectively.

AP Chemistry (full year course)

Prerequisite: Chemistry

This college-prep course is designed to facilitate student achievement on the national AP Chemistry

test proctored annually in mid-May. Students who score well on this comprehensive test earn college credits in Chemistry.

AP Environmental Science (full year course)
This course is designed to be the equivalent of an introductory college course in environmental science. The goal of the Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from geology, biology, and chemistry. All AP students are required to take AP Environmental Science in May for college credit.

Introduction to Forensic Science
"Mystery at Old Fields" (MaOF) is a hands-on, online forensic science lab activity for high schoolers where students solve a historical murder case (the 1842 Smith farm murders) by applying forensic techniques, analyzing evidence in a virtual lab (like DNA, fingerprints), and exploring 3D crime scenes to identify the culprit, offering multiple scenarios with different outcomes for varied learning.

Social Studies

US History (required)
This course surveys the history of the United States from 1866 to the present. The course is designed to help the student gain a greater understanding of the American experience. Through a deeper understanding of past events, students will come to understand how those events continue to shape what occurs today. Over the course of the year, students will improve their reading, writing, research and critical thinking skills. In addition, we will begin to build respect and pride for our nation's heritage.

Economics (required)
** .25 credits in this course will go toward the required.50 MME Personal Finance requirement.*
This course is intended to be an introduction to microeconomics and macroeconomics. The students will gain an understanding of economics from a domestic and global perspective. Topics will include scarcity,economic systems, business organizations, supply and demand, measuring the American economy,taxation, international trade, unemployment, inflation, market structures, and competition.

American Government (required)
This course is intended to be an introduction into the study of American Government. A goal is to make each student an informed and participating citizen with a deep devotion to democracy. This is brought about through a study of the history, structures, and practice of our political system.

World History (required)
This course takes a comprehensive approach to world history and world events. This course will examine the cause and effect of human interactions of ancient and modern events. There will be a strong emphasis on historical analysis through the use of research, writing, and presentations. Frequent integration of modern events and their root causes in history will be important. Students will use prior knowledge, critical thinking skills, and effective writing techniques when establishing positions on public policy issues in this course.

AP US History (full year course)

This course begins with early colonization and spans all the way to the present day. We will be studying social, political, economic, cultural, philosophical, and geographical implications of events and movements in American History. Course Objectives: Students in APUSH will gain a great understanding of our history, how it has affected all Americans across time, how it affects them personally. Students are expected to take the AP Exam in May.

Echoes of the Camps: The Holocaust through the Lens of History and Human Behavior

This course takes a close, human look at the Holocaust, exploring not just the events, but the people who lived through them. You'l learn how Nazi Germany rose to power, how Jews and other groups were systematically targeted, and what life was really like inside the concentration and labor camps. Through survivor testimonies, stories of Germans forced to work in the camps, and primary historical sources, you'll step into the shoes of people facing impossible choices. Along the way, you'll reflect on fear, courage, and the hard decisions that shaped people's actions, gaming a deeper understanding of both the tragedy and the resilience of the human spirit during one of history's darkest chapters.

History vs. Hollywood (spring term)

A major goal of this course is determining what is valid in contemporary films and historical dramas and what do these films say about the people who create them, the politics behind their creation, and how they reflect the values, ideas, and larger historical issues of the times in which they were created.

Michigan History (spring term)

Michigan History delves into the state's past, including the significant impact of organized crime, specifically focusing on the Mob's activities and influence. Students will analyze the intersection of social, economic, and political factors that shaped this aspect of Michigan's history.

Michigan Geography (spring term)

This course explores Michigan's diverse geography, highlighting its unique landscapes and locations. Students will investigate the geographical and cultural factors that have shaped these distinctive locations.

National Parks (spring term)

In this course, we will go on a journey through America's national parks, learning what makes them special as we explore their history, geography, plants, animals, safety rules, and attractions.

Practical Law A

This is an introductory course focusing on individual rights and freedoms found within the United States Constitution primarily in the area of criminal law. Students will learn about the criminal justice system from the time a crime is committed, through arrest, trial and appeal. Students will use their understanding of their legal rights and the criminal justice system to investigate and analyze a real "Cold" Case, attempt to solve the case, and conduct a criminal trial. Students will work with local law enforcement, the prosecutor's office and the court officials involved in the criminal justice system.

Practical Law B
This is an introductory course class dealing with specific legal issues that students may experience in everyday life. Students will learn the legal aspects of family law, consumer law, housing law and workplace rights. Students will use their understanding to conduct a civil trial. Students will work with the local bar association, Friend of the Court, Legal Aid and District Court to gain an understanding of local legal and social services available within our community.

Psychology
Psychology offers a fascinating journey into the science of the human mind and behavior. This introductory course will explore the fundamental principles, theories, and research methods used by psychologists to understand ourselves and others. Through engaging discussions, activities, and real-world examples, you will gain insights into topics such as perception, learning, memory, motivation, emotion, personality, social behavior, psychological disorders, and the ways in which psychology is applied to everyday life.

Visual Arts

Art
High School Art is a visual arts class in which students explore traditional and contemporary ideas in visual communication and self expression. Students will be exposed to a variety of media and techniques such as different types of drawing material, watercolor and acrylic paints, additive and subtractive sculpture, traditional and non-traditional ceramics, fiber art, mixed media, installation and time-based art. The art history component will also address issues in contemporary art. Focus is placed on creativity, perseverance, craftsmanship and classroom participation.

Intro to Gone Boarding (Double Block) (spring term)
You will learn to design and build your own boards! This class integrates science, technology, engineering, math, and art into one awesome experience! Class fees may include costs based on project, ranging from $75-$250. Students will have the opportunity to select projects based on teacher collaboration/input.

World Languages

Spanish 1:
This course is an introduction to the basic skills of Spanish using story-telling, readings, videos and conversations in present tense. Students will be exposed to Hispanic culture and language through practice in listening, speaking, reading and writing. Students will effectively communicate in sentence-length discourse about familiar topics related to self, family, friends, school, and community.

Spanish 2: (*Prerequisite: Spanish 1)*
This course is the continuation of the basic skills of Spanish using story-telling, readings, videos, and conversations with a focus on present and past tenses. Students will begin to read short novels written in Spanish and will be exposed to Hispanic culture and language through practice in listening, speaking, reading and writing. Students will effectively communicate in connected sentences and short paragraphs about familiar topics related to self and begin developing the ability to communicate about topics beyond self.

Spanish 3: (*Prerequisite: Spanish 2)*
This course is conducted entirely in Spanish. Students will read and analyze varying texts in Spanish, present in Spanish to inform and persuade, and converse in present, past, and future tenses.Students will effectively communicate in connected, paragraph-length discourse about familiar and unfamiliar topics relating to current events, and personal interest. This course is designed to enable the student to communicate while traveling abroad and to expand listening, speaking, reading and writing skills with more advanced grammar. Hispanic culture is studied in the language itself.

Hispanic Visual Art (9-12) (Double Block) (spring term)
This elective course taught mainly in English will introduce students to traditional arts from Spanish speaking places as well as Spanish-Speaking artists and their influence on their communities and the world. Students will learn the cultural significance of various art forms as well as make observations in limited Spanish about famous artworks noting possible themes and messages. Students will create their own artworks based on the styles and traditions learned in the course.

Spring Spanish (spring term)
Prerequisite: Spanish 1 or Spanish 2
This elective course continues building upon content previously covered focusing on cooperative learning through games, songs, readings, and conversations in the present tense. This elective course is ideal for students who wish to progress toward proficiency with basic skills. New vocabulary will be introduced while continuing practice with learned grammatical structures. Students will effectively communicate in sentence-length discourse about familiar topics related to self, family, friends, school, and community.

Other Classes/Experiences

AP Prep:
Prerequisite: Must be enrolled in 3 or more AP classes.
High School students taking three or more AP or AP/Dual Enrolled classes may qualify for an AP Prep class. This class is offered as a Credit/No Credit course only. AP Prep is designed to provide students who have a heavy workload from multiple AP or Dual Enroll courses with a class period to study, complete assignments, and prepare for exams. AP Prep is offered during T1 and T2 only.

Norse Cadet:
The Norse Cadet class gives high school students the opportunity to support classroom instruction while gaining hands-on experience in an educational setting. Students assist teachers with daily classroom activities such as organizing materials, preparing lessons, supporting individual students, and completing clerical tasks. The program helps students develop responsibility, communication skills, and professionalism while offering insight into careers in education and related fields. Students also complete weekly written reflections detailing their experience in their assigned classroom.

SAT Prep (spring term):
SAT prep class is a specialized course designed to help high school students improve their scores on the SAT exam by teaching key math, reading, and writing concepts, along with essential test-taking strategies, time management, and confidence-building techniques for the standardized college admissions test. These classes offer focused instruction, practice with actual SAT questions, and

personalized feedback to build skills and address weaknesses in a structured setting, whether online or in-person, to boost college application chances.

Workplace & Internship Readiness

This virtual course equips students with foundational employability and leadership skills needed for future non-CTE work-based learning internships and entry-level employment. Students explore how personal interests, strengths, and values connect to potential career pathways while practicing goal setting, professional communication, teamwork, and workplace problem solving. Emphasis is placed on managing time and resources, demonstrating responsible workplace behavior, and understanding employee and employer rights. Students are encouraged to tailor their coursework and projects to their individual career interests, building the confidence and skills needed to transition successfully from school to an internship opportunity. This course is intended to be taken junior year, with a senior year internship to follow.

Internship: Work- Based Learning

Internships are a work-based learning opportunity where students are placed on a job site in the community and will be able to earn high school credit for their work experience. Work-based learning is a unique form of education that integrates classroom study with supervised work experience. Muskegon Area Intermediate School District assists with the paperwork required. Go here.
**Spring internships are a continuation of the fall/winter placements.*

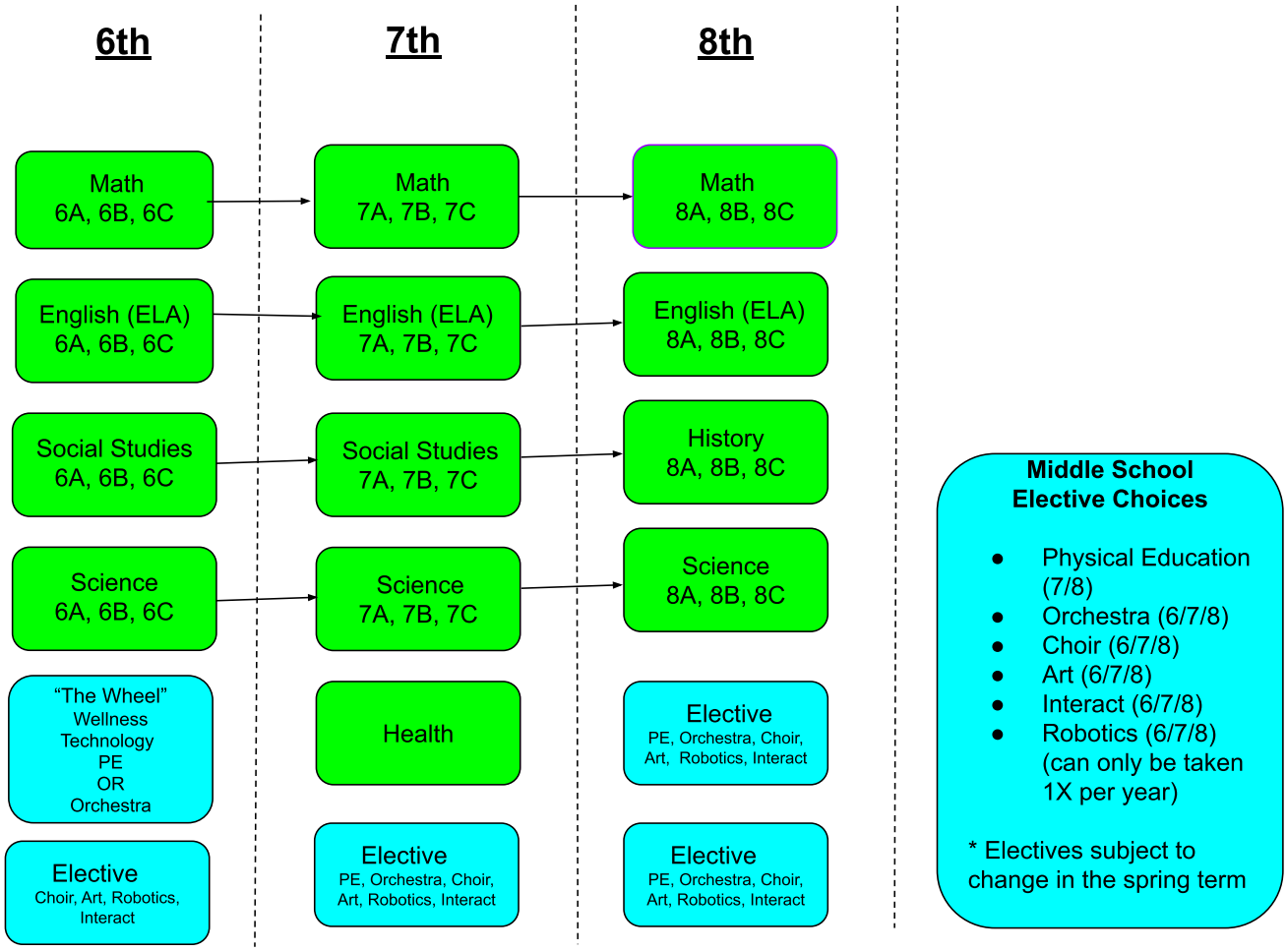
***Technical Classes @ Career Tech Center**

Each course is a block format taken at the Career Tech Center or "affiliate sites". **Students placed in fall/winter are required to complete the year in their placement.* For more information, go to http://www.muskegonisd.org/career-college/ctc-new/programs/.

North Muskegon Middle School Courses

Course Sequences

Middle School 6-8th



- ***All 6th grade students are required to take the 6th grade Wheel** (12 weeks of Wellness, Technology, and Physical Education) **OR Orchestra.***