

# Course Handbook 2024-2025

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## **Kingsley High School Requirements**

Credits Necessary for Graduation:

**Class of 2025:** 23 credits

**Class of 2026 and beyond:** 22 credits

### **Michigan Merit Curriculum**

<b>Credits Necessary</b>	<b>Courses</b>
4	English 9, 10, and 11 required
4	Math credits –Algebra I, Geometry, and Algebra II required (1 credit of math in the 4 <sup>th</sup> year)
3	Social Studies credits – US History & Geography, World History & Geography, Civics/Econ required
3	Science credits – (Biology is required, Applied Science OR Chemistry OR Physics is required, plus one other credit)
1	(.5) of Physical Education and (.5) of Health credit
2 (or 1)	*World Language Credits
1 (or 2)	Visual, Performing, or Applied Arts Courses

### **\*World Languages** (Three Options)

(Option 1) 2 Credits of same world language

(Option 2) 1 Credit world language and 1 additional VPAA credit

(Option 3) 1 Credit world language and 1 program completion at Northwest Ed's Career Tech

### **Honors Courses - Weighted GPA**

Honors courses will be a weighted GPA, a 5.0 scale. Classes must meet the criteria found here and be approved by the KHS curriculum committee by a majority vote to be considered a weighted class.

Honors courses for the school year are listed below:

- Honors English 11
- AP courses
- Music Theory
- Physics
- Pre-Calc

Kingsley students will take a full load of classes, (6) credits each school year. 6 total credits/classes is a combination of: Classes offered at KHS, Dual Enrollment, and/or CTC.

\*All Kingsley courses are dependent on student interest and class size.

### **College Track**

Students preparing for college should take 16 credits in the core classes, English (4), Math (4), Social Studies (4), and Science (4). It is also recommended to have two years of a world language in high school.

### **Career Tech**

Northwest Education's Career Tech offers (22) programs to train students for the workforce right after high school. Junior and Senior students receive (3) credits and are at the Career Tech Center for 2.5 hours. Classes are typically offered in the afternoon, but with prior approval, may be in the morning as well. This will give students a chance to learn a skill and still take a college prep academic program at high school. See page 24-26 for more details.

### **Dual Enrollment**

Eligible students may elect to dual enroll as a Junior/Senior. See page 27 for details.

## **ENGLISH DEPARTMENT**

### **(4 credits required)**

Course Title: **English 9 (required)**

Grade Level: 9

Prerequisite: None

Credit: 1 credit

The first of the required core English classes, English 9 examines elements of literature, types of writing and reviews English grammar. Included are fundamental literary genres: short stories, novels, drama, and poetry.

Course Title: **Honors English 9**

Grade Level: 9

Prerequisite: English 8 Advanced / Instructor approval

Credit: 1 credit

This course will cover the material of English 9 but will be taught at an accelerated pace and rely on supplemental reading as well. It is intended for students who will take AP English Literature during their senior year. Teacher approval is necessary before registering. All honors and AP students are expected to complete a summer reading assignment, which will be due on the first day of school.

Course Title: **English 10 (required)**

Grade Level: 10

Prerequisite: English 9

Credit: 1 credit

The concentration in this course is on reading comprehension and writing skills. American literature is studied in units dealing with the characteristics of the different genres: essays, short stories, plays, poetry, and novels.

Course Title: **Honors English 10**

Grade Level: 10

Prerequisite: English 9 Honors and/or Instructor approval

Credit: 1 credit

This course will cover the material of English 10 but will be taught at an accelerated pace and rely on supplemental reading as well. It is intended for students who will take AP English Literature during their senior year. All honors and AP students are expected to complete a summer reading assignment, which will be due on the first day of school.

Course Title: **English 11 (required)**

Grade Level: 11/12

Prerequisite: English 9 & 10

Credit: 1 credit

This course emphasizes further development of reading, writing, and speaking skills. The literature includes both fiction and nonfiction by authors from around the world.

Course Title: **Honors English 11 (Pre AP) (Honors weighted class)**

Grade Level: 11/12

Prerequisite: English 10 Honors and/or Instructor approval

Credit: 1 credit

This course will cover the material of English 11 but will be taught at an accelerated pace and rely on supplemental reading as well. It is intended for students who will take AP English Literature during their senior year, so literary analysis is a focus. All honors and AP students are expected to complete a summer reading assignment, which will be due on the first day of school.

Course Title: **English 12**

Grade Level: 12

Prerequisite: English 9, 10, & 11

Credit: 1 credit

This course is for seniors not enrolled in AP English or NMC dual enrollment. . Emphasis throughout the year will be on analytical reading, viewing, and expository writing. Reading is classical.

Course Title: **AP/Honors English Literature (Honors weighted class)**

**-dependent on student interest**

Grade Level: 12

Prerequisite: English 9, 10, 11 and/or Instructor approval

Credit: 1 credit

This is a college-level course that focuses on literary analysis. A wide variety of literature is used to prepare for the National AP test in May. All honors and AP students are expected to complete a summer reading assignment, which will be due on the first day of school. Drops will only be made if academically necessary. Furthermore, if the student drops after the test is paid for he/she will be responsible to reimburse the school for the test fee.

\*The AP Test in May is mandatory for all AP students enrolled in this course as college credit may be earned by passing the test.

## **MATHEMATICS DEPARTMENT**

**(4 credits required)**

### **Math Progression:**

Algebra I

Geometry

Algebra II

Pre-Calc, Stats/Fin. Literacy, or Integrated Math

AP Calc

Course Title: **Algebra I (required)**

Recommended Grade Level: 9

Prerequisite: None

Credit: 1 credit

This course is designed to use variables in place of numbers. Students will learn how to work with algebraic expressions and solve equations involving variables. They will also explore function families such as linear, quadratic, exponential, and absolute value.

Course Title: **Geometry (required)**

Recommended Grade Level: 9/10

Prerequisite: Algebra I

Credit: 1 credit

This is a study of postulates and theorems relating to lines, planes, triangles, circles, and polygons. It is a study of logical reasoning whereby the student learns how to prove theorems rather than accept them as true. Students also learn to construct figures, and transform those figures, as well as compute area and volume.

Course Title: **Algebra II (required)**

Recommended Grade Level: 10/11

Prerequisite: Algebra I

Credit: 1 credit

This course is a more advanced study of Algebra I. Besides expanding on Algebra I material, this course covers concepts in systems of equations, factoring, and applications of many function families. Algebra II also involves work with variables to higher degrees and all the mathematical operations used to manipulate them.

Course Title: **Introduction to Statistics/Financial Literacy**

Grade Level: 11-12

Prerequisite: Algebra II

Credit: 1 credit

This is a math class designed for juniors and seniors, who elect to take a course other than AP Calculus or Pre-Calculus. The statistics portion will have students explore the concepts: analyzing data and graphs, regressions, measures of central tendency, probability and variance. Personal finance will explore topics related to budgets, credit, investing, taxes, insurance and loans.

Course Title: **Pre-Calculus (Honors weighted class)**

Recommended Grade Level: 11-12

Prerequisite: Algebra I, Geometry, Algebra II

Credit: 1 credit

This course is designed to help the college-bound student prepare for further math classes. Students will continue to explore families of functions. Students will learn to apply rules for sine, cosine, and tangent to real-world situations. Other related topics include vectors, parametric equations, and polar coordinates, as well as an introduction to calculus.

Course Title: **AP/Honors Calculus (Honors weighted class)  
-dependent on student interest**

Recommended Grade Level: 12

Prerequisite: Algebra I, Geometry, Algebra II, Pre Calculus / Instructor approval

Credit: 1 credit

This is a college level class that covers limits, derivatives, and integrals of functions. Related rates, areas between functions, and volumes of revolutions are also stressed. College credit can be earned by passing the advanced placement test in the spring. \*The AP Test in May is mandatory for all AP students enrolled in this course as college credit may be earned by passing the test.

Course Title: **Integrated Math**  
Recommended Grade Level: 12  
Prerequisite: Must be a senior  
Credit: 1 credit

This course is designed to integrate concepts of Algebra, Geometry, and Career Math. Students will learn how to interpret data and probabilities, work with real numbers and variables, find areas and volumes, as well as work with angles and polygons. Students will learn to apply rules for sine, cosine, and tangent to real-world situations. They will also work with equations and inequalities, polynomials, and reasoning skills.



## **SCIENCE DEPARTMENT**

### **(3 credits required)**

In order to meet Michigan Merit Curriculum at Kingsley High School, students must pass (1) Biology and (2) Applied Science or Chemistry, and (3) an additional science course.

Freshman are only allowed to take one science course.

Sophomores must take Applied Science OR Chemistry

**If a student fails a required course, they must retake the same course and pass before moving on to the next.**

Grade	<i>College Track</i>	<i>Sample 2</i>	<i>Sample 3</i>
9	Biology	Biology	Biology
10	Chemistry	Applied Science	Applied Science
11	Physics	Env Science	Chemistry
12	Sci. Research	Chemistry	Env Science
	Anatomy and P.	Physics	Anatomy and P.
		Sci. Research	
		Anatomy and P.	

Course Title: **Biology (required)**

Grade Level: 9

Prerequisite: None

Credit: 1 Science credit

Topics covered in Biology are aligned with the Michigan Merit Curriculum. The major biological themes include scientific method; chemistry of life; cells; cell energetics; cell division; DNA/RNA and protein synthesis; genetics; evolution; ecology; energy and matter; populations; human body systems; and homeostasis. This class is required for graduation.

Course Title: **Applied Science**

Grade Level: 10

Prerequisite: None

Credit: 1 Science Credit

Applied Science is an introductory course into the physical sciences. Basic chemistry and fundamental physics topics are used to study The Great Lakes Region, Space, Food, and Sports

Analysis. Hands-on activities help students discover how chemistry and physics play a part in the everyday world. Statistical representation and scientific data reporting will be learned. Prerequisites: Passing grade in Biology.

Course Title: **Chemistry**

Grade Level: 10 - 12

Prerequisite: C or better in Algebra I and C or better in Biology.

Credit: 1 Science credit

Chemistry is a college prep class that focuses on investigating the world of matter and energy through critical inquiry, problem solving, and laboratory activities. Students observe and analyze chemical systems in order to bolster conceptual understanding.

Course Title: **Anatomy and Physiology**

Grade Level: 11-12

Prerequisite: "C" or better in biology is required

Credit: 1 Science Credit

Anatomy and Physiology is an upper-level science course designed to help students prepare for post-secondary study and raise students' science literacy. Students will get in-depth instruction in the organization, structures, and functions of the human body through the lens of evolution. Dissections are a required part of this course. Prerequisites: Due to the expectations and demands of the class a grade of "C" or better in Biology is required to take this course.

Course Title: **Environmental Science**

Grade Level: 11-12

Prerequisite: 1.0 Applied (previously Physical) Science and 1.0 of Biology.

Credit: 1 Science credit

Environmental Science is a comprehensive science course relating to resource management, populations, organisms and human impact on the environment. Students should be prepared to spend time outside in this class, as well as complete multiple hands-on labs and activities throughout the year. Problems will be analyzed from a local and global level.

Themes include: Earth resources, Ecology, Populations, Pollution, Land and Water Use, Energy Resources and Consumption, and Global Changes.

Course Title: **Physics (Honors)**

Grade Level: 11/12

Prerequisite: C or better in Algebra II

Credit: 1 Science credit

Physics is a non-calculus based, conceptually and mathematically rigorous, college preparatory course. Laboratory-centered, the course exposes students to methods of scientific inquiry and elementary error analysis. Motion, Force, Momentum, Electricity, Buoyancy, and Waves are several topics covered in this class.

Course Title: **Scientific Research**

Grade Level: 11/12

Prerequisite: Passing Biology and Applied Science/Chemistry

Credit: 1 Science credit

Scientific Research allows students to deeply explore scientific topics. During the first semester, students will design, plan, and implement an investigation to address a scientific or engineering research question. During the second semester, students will explore a topic of their choosing. This technology-based research experience allows students to learn to read professional scientific reports and translates this information into methods they will use in the research process. Students reflect on their skill development and document their processes through a reflection portfolio. The course culminates in an academic paper, accompanied by a scientific poster presentation. This research can be presented as evidence during the college application process. Prerequisite: Passing Biology and Applied Science/Chemistry.

## **SOCIAL STUDIES DEPARTMENT**

### **(3 credits required)**

Course Title: **U.S. History & Geography (Required)**

Recommended Grade Level: 9

Prerequisite: None

Credit: 1 credit

U.S. History & Geography is designed to foster an understanding of the changes in the United States, the motivations for those changes and an understanding of the impact created by those changes. Emphasis will also be placed on the student's ability to compare and evaluate issues of our time and their understanding of the core values of American democracy. Timeframe: Reconstruction through Present Day.

Course Title: **World History & Geography (Required)**

Grade Level: 10-11

Prerequisite: Recommended after US History & Geography

Credit: 1 credit

Students in World History & Geography will learn about the human experience over time and space. They will encounter powerful and sometimes conflicting ideas while learning about people and events in different places and times. They will investigate our diverse and common traditions, and work to understand the complex interactions between various environmental, human, and social forces that influence and continue to influence us. They will investigate global patterns and develop an understanding of human commonalities and differences. Studying World History and Geography connects us to people and events across time and space, illuminating the range and depth of human experience on grand as well as local scales. The focus will be on causes, consequences, human government systems, patterns of interaction among societies, technological and economic changes on people and their cultures.

Course Title: **Civics (required)**

Grade Level: 11

Prerequisite: U.S. History & Geography

Credit: .5 credit (1<sup>st</sup> semester course)

A course designed to prepare students to participate as a citizen in the United States. They learn varying types of governments, how a government affects them, how they can influence the government, and what their rights and responsibilities are.

Students are taught to understand the American system and how to function as a free citizen with rights and responsibilities in it. Areas studied are the main foundation of our Government: the Declaration of Independence and the Constitution, the concepts of power and abuse of power, the political process, the divergence of political beliefs, the structure of American government.

Course Title: **Economics (required)**

Grade Level: 11

Prerequisite: U.S. History & Geography

Credit: .5 credit (2<sup>nd</sup> semester course)

A course designed to help the student understand and live in an economic world. Emphasis will be placed on an understanding of the market economy and the U.S. economic system. Areas studied include taxation, economic systems, supply and demand, micro and macroeconomics, the stock market, economic cycles, economic indicators, and money and banking. Wise use of economics ensures students a sense of security, accomplishment, and allows them to keep their personal freedoms.

## **PHYSICAL EDUCATION**

**(1.0 credit required)**

Course Title: **Physical Education**  
Grade Level: 9  
Prerequisite: None  
Credit: .5 credit (semester course) **required**

This course encourages the achievement and maintenance of a high level of physical, mental, and social well-being. Each student, through sports (individual and team), lead-up games, and calisthenics, will maintain and develop the main areas in physical education. These areas are physical fitness, psychological, social, emotional, and cognitive development. The PE class will All units and areas of instruction will be presented to encourage the students to be physically fit and active for a lifetime.

Course Title: **Health (required)**  
Grade Level: 9 (required for freshmen)  
Prerequisite: None  
Credit: .5 credit (semester course) **required**

The goal of the health course is to provide health information in such a way that it influences the students to take positive action regarding their health throughout their lives. *Health* provides high-school students with age-appropriate content that aligns with the National Health Education Standards to help them become health-literate individuals. This research-based program focuses on the development and application of critical knowledge and skills during a crucial period in students' lives. *Health* also emphasizes social and emotional skills while exploring up-to-date information and statistics on timely, relevant topics.

## **WORLD LANGUAGE DEPARTMENT**

**(1-2 credits required)**

Course Title: **Spanish I**  
Recommended Grade Level: 9 - 12  
Prerequisite: None  
Credit: 1 credit

This is an introduction to the Spanish language through interactive speaking, reading, writing and listening comprehension. Topics include: hobbies, family, school life, home, food, calendar, likes/dislikes, clothing. The present and simple future tenses will be taught as well as other foundational grammar skills. Students will be exposed to features of Hispanic culture by studying geography, holidays, music, art, and foods. Use of Spanish in different career paths will be examined as well.

Course Title: **Spanish II**  
Recommended Grade Level: 9-12  
Prerequisite: 8th grade full year Spanish I at KMS or equivalent program) 10-12  
Prerequisite: Spanish I the previous/consecutive year is recommended.  
Credit: 1 credit

Students will increase their familiarity with the Spanish language with reviews and extensions of the Spanish I level vocabulary. Newer topics will include: nature, health/medical, travel, business. They will explore the past tenses and conditional tenses of verbs. Important Hispanic Literature, Music and Art will be introduced.

Course Title: **Spanish III**  
Grade Level: 11-12  
Prerequisite: Spanish II (C+ or higher)  
Credit: 1 credit

Students will increase their familiarity with the language with more emphasis on the grammatical and written skills. More emphasis will be placed on the past tenses while students will be introduced to the subjunctive mood. Projects will add emphasis to areas of cultural and grammatical learning. This is highly independent learning. Students should be prepared to work alone or in small groups.

## **VISUAL PERFORMING AND APPLIED** **ARTS COURSES** (1-2 credits required)

### ***Visual Arts Department***

Course Title: **Art I: Foundations Art**

Recommended Grade Level: 9 - 12

Prerequisite: None

Credit: 1 credit

This course consists of an in-depth study of drawing using several different drawing techniques with emphasis on giving students the tools they need to create art and become more confident in doing so. The students will learn the basic foundations of elements of art and principles of design and incorporate these concepts into their artwork. He or she will be exposed to the use of art pencils, chalk pastel, oil pastel, acrylic paint, watercolor and multimedia options. Throughout class, we discuss many artists and their techniques to expose students to different artists and their artwork.

Course Title: **Art II: Foundations Continued/Studio Art**

Recommended Grade Level: 10 - 12

Prerequisite: Art I

Credit: 1 credit

This class continues where we left off in Art I with a continuation of study of the elements of art and principles of design. This class gives students an opportunity to expand their drawing skills and work more with color theory application. We use what we learned in Art I to continue to grow in a variety of art techniques and projects students work with a variety of media including a more in-depth study with water color, acrylic, and charcoal. Students may also be participating in local contests or other art competitions.

Course Title: **Art III & Art IV: Advanced Studio Art**

Recommended Grade Level: 11/12

Prerequisite: Art I & Art II with Instructor approval

Credit: 1 credit

These two courses are offered to those who (after completing two years of art instruction) desire to continue exploring art more independently. Students must have a B or better in their previous art class or special approval from the instructor to sign up, and must have demonstrated the ability to work independently with a



minimum amount of instruction. The focus in this class will be about building a portfolio for possible college pathways, and/or participating in “service-learning” art projects to better the school or community environment. Students will also participate in local contests or other art competitions.

Course Title: **Sculpture and Ceramics I: Foundations of Sculpture**

Grade Level: 10 - 12

Prerequisite: (none) although Art I is Recommended

Credit: 1 credit

This course will consist of creating 3-dimensional projects with a variety of materials. These may include wire, found objects, paper, cardboard, wood, plaster, clay and any other 3D material. Students will learn about artists and the processes involved in creating multiple styles and types of sculpture. There is a focus on studying various “sculpture artists” as we proceed through the year.

Course Title: **Sculpture and Ceramics II, III**

Grade Level: 11/12

Prerequisite: Sculpture and Ceramics I (B or better; III requires teacher approval)

Credit: 1 credit

This course is a continuation of techniques and principles practiced in Sculpture and Ceramics I. First semester will continue with many clay processes with higher expectations including some additive and subtractive methods. Students will have a chance to learn to turn pottery on the potter’s wheel in the second semester. Some independent research on individual artists, important sculptors, and cultures of past and present will be required. Students need to have passed Sculpture I with a B or better, as Sculpture II requires good time management throughout the semester. Sculpture III MUST have teacher approval and signature on forms.

Course Title: **Yearbook**

Grade Level: 10-12

Prerequisite: Instructor Approval

Credit: 1 credit

This course involves the production of the high school yearbook. Students who take this class should have good writing and computer skills. Graphic design skills are especially helpful. First year students will be trained in the basics of writing, interviewing skills, sales techniques and layout design. Students will also be

required to sell advertisements to help finance production of the yearbook.

## ***Industrial Arts Department***

Course Title: **Woodworking I**

Grade Level: 9 - 12

Prerequisite: None

Credit: 1 credit

First year students will learn proper safety techniques and processes in working in a wood shop environment. These skills will then be used in developing and producing a few small projects. Students will also gain knowledge on the safe operation of each and every machine and tool in the shop except the table saw and joiners. The students will need to pass the safety test for each machine with a 75% score before using the machine. Students will also gain knowledge in glues, finishes, hardware, joinery, project layout, figuring cost, and other skills used in the shop.

Course Title: **Woodworking II/III**

Grade Level: 10 -12

Prerequisite: Woodworking I

Credit: 1 credit

In this course students will be given the knowledge which will allow them to operate the table saw and joiners correctly and safely. Students will again need to pass the safety test with a score of 75% or better before they can use the machines. Students will also be required to develop and build a project that has a drawer, a door, or both. Students will also be given the knowledge necessary to build cabinets and other furniture.

## ***Music Department***

Course Title: **Choral Music**

Grade Level: 9 -12

Prerequisite: Desire to learn in a choir, sight-read, and study vocal technique

Credit: 1 credit

This is a non-audition choir for students with the desire to learn to sing at a high school level. Students will learn vocal technique, music theory, and sight reading. Singers are expected to rehearse music at home and submit voice recordings showing their progress. Though performing outfits are provided, singers need to provide their own black dress shoes. Singers are required to perform in several concerts, competitions, and festivals, both within and outside the school day. Some evening or weekend rehearsals may also be required.

Course Title: **Choral Fusion**

Grade Level: 9 - 12

Prerequisite: Audition, sight-reading at H.S. level, theory test

Credit: 1 credit

Choral Fusion is offered to 10-12 singers who are enrolled in H.S. choir or band and can show that they are dependable. Singers who are not enrolled in choir or band need to show that it won't fit in their schedule due to CT or early college. The focus of this course is on performance of small group a cappella genres such as madrigals, vocal jazz, and a cappella pop music. Singers will further their studies in music theory, ear training, and vocal techniques. Because of the nature and size of this group, singers must attend every concert both within and outside the school day. There are also monthly rehearsals outside of the school day. Singers are expected to practice music at home.

Course Title: **Instrumental Music**

Grade Level: 9 -12

Prerequisite: Audition may be required

Credit: 1 credit

This course is offered to students who have demonstrated a high school equivalent level of performance on a wind or percussion instrument. Students will continue to learn skills pursuant to instrumental music. Students will be expected to perform in concerts, marching band, concert band, pep band, festivals, etc.

\*Two High School, Semester 1 Marching Band Classes of Instrumental Music (.5 credits each semester) may count towards a PE credit for all students starting the 2023-2024 school year. Students may still take a PE course in addition to their Instrumental Music course. You can receive a form from your school counselor indicating that a student is interested and planning on receiving this PE credit.

Course Title: **Jazz Band**  
Grade Level: 9 -12  
Prerequisite: Audition may be required  
Credit: 1 credit

This course is offered to students enrolled in the **concert band that desire to learn history, theory, improvisation**, and performance of many different styles of music. Students will perform in concerts, community functions, competitions, etc.

Course Title: **Music Theory**  
Grade Level: 9 -12  
Prerequisite:  
Credit: 1 credit

The study of rhythms, intervals, motifs, phrases, melodies, chords and chord progressions in the standard clefs through listening, playing, singing, and writing. Chord study includes primary and secondary triads in root position and inversions, non-harmonic tones and seventh chords. Writing includes arrangements of music as well as original compositions. With arranging students will be introduced to basics concerning copyright law. The curriculum for this course is spiraling meaning that everything students learn on day one will be applied from that point forward in the course.

Beyond acquiring skills and knowledge, students will experience different processes of learning and practicing to be better prepared for their collegiate music theory courses, or other music courses offered at Kingsley.

Course Title: **Guitar/Songwriting I and II**  
Grade Level: 9 - 12  
Credit: 1 credit  
Semester 1:

Students will learn guitar basics; decipher and perform notation on the staff and learn basic chords. Students will also learn basic vocal technique to sing the songs they learn with guitar. Once a few chords are learned, students will begin to analyze songs by master songwriters in order to learn to write their own songs.

Students will perform for each other in the class. Students will need to have an acoustic guitar for this class.

Semester 2:

Prerequisite: Either have passed semester I or know how to read and play basic notation and chord charts on a chordal instrument such as guitar, ukulele, or piano.

Students will continue to learn to read basic notation and chord charts for guitar. They will also continue to develop basic vocal techniques in order to sing while accompanying themselves on guitar or another chordal instrument such as ukulele or piano.

Students will analyze songs by master songwriters and begin writing their own songs. Students will frequently perform all or parts of their songs in class for peer and instructor feedback.

Students must have passed Songwriting 1 or be able to read and play basic notation and chord charts on a chordal instrument such as piano or ukulele. Students will need to provide their own acoustic instrument for this class.

## ***Technology Department***

Course Title: **Computer Aided Drafting (CAD)**

Grade Level: 9 -12

Prerequisite: None

Credit: 1 credit

Students will use the computer to learn the basics for setting up a drafting page, working with shapes, lines, and other tools to render 2 Dimensional figures. Students will explore orthographic presentation, auxiliary views, sectional views, and other multi-view drawings. Next students will move into designing 3-Dimensional objects, assembling parts into working structures and finally, 3D printing working models.

Course Title: **Coding I**

Grade Level: 9 -12

Prerequisite: None

Credit: 1 credit

Explore the world of coding and learn how to program a computer using JavaScript. Students will begin with drag-and-drop block code to teach the basics of using a series of logical steps to complete tasks. Next they will move into creating graphics and animations using similar tools to build more complicated pictures, interactive scenes and ultimately video games. Finally, we will switch over to text based code and continue creating and problem solving.

Course Title: **Coding II**

Grade Level: 10 -12

Prerequisite: None

Credit: 1 credit

Dive into the basics of coding with the highly versatile, quickly growing language of Python. Students will begin with problem solving, decision branching, conditionals, loops, strings & lists, then functions while comparing new methods to what was learned in Coding I. We will explore how Python is used across many industries such as data science, mobile app development, and artificial intelligence.

Course Title: **Robotics I**

Grade Level: 9 -12

Prerequisite: None

Credit: 1 credit

Are you a designer, builder, programmer or driver? Or a little of each? Students will develop these skills while using robots to solve a series of challenges. Each challenge will involve the process of working with a team to analyze the problem, plan a solution, design a robot prototype, test it, improve the design, document results and go again. Students will drive their robots remotely, as well as program them to move on their own with the chance to compete locally against other area schools.

Course Title: **Robotics II/III**

Grade Level: 10-12

Prerequisite: None

Credit: 1 credit

Continue your exploration of robotics! In this class the focus will be on competing in area tournaments, with the expectation to attend at least one event. Teams will use in depth game analysis and thoughtful design to allow for more complex robots. There will be a deeper dive into peripheral sensors and the coding that integrates them in the systems of your design, as well as engineering topics such as mechanical advantage and structure.

## **ELECTIVE COURSES**

Course Title: **Body Mechanics**

Grade Level: 10 -12

Prerequisite: 2<sup>nd</sup> year students must have instructor approval

Credit: 1 credit

This course is for motivated students who wish to gain strength, endurance, speed, power, agility, coordination, and flexibility through various weight lifting and plyometric exercises. Students will be evaluated by their physical performance, written tests, and daily production points. This class will push students to do their best in order to reach their potential in muscle strength and cardiovascular endurance.

Course Title: **Creative Writing/Mythology**

Grade Level: 11-12

Credit: .5 credit each semester, 1.0 for the full year

Creative Writing: Literature has been an important form of human art for many years and this class is about students finding their way through this particular art form. Creative writing allows people to have a voice to their emotions, create imaginary worlds, express ideas, and escape the confines of material reality. Students will learn how to craft a story through using the writing process, finding inspiration from the world in which they live.

Mythology is a set of stories, traditions, or beliefs associated with a particular group or the history of an event, arising naturally or deliberately fostered.(Dictionary.com). Students will study the various kinds of folklore and see how these ancient stories are used to shape society today.

Course Title: **Current Issues in America**

Grade Level: 12 (or 11<sup>th</sup> grade with departmental approval)

Prerequisite: None

Credit: 1 credit

A course designed to examine domestic and worldwide events, trace their causes, explore their effects in the U.S. and throughout the world, and predict future impacts. Students will assess U.S. foreign policy approaches as well as the policies of other nations. Students will demonstrate knowledge and compassion for human and environmental diversity. Students will develop an overall understanding of the interdependence of economic, geographical, historical, and political issues between countries of the world.

Focus will be on taking and defending educated stands while displaying understanding of the complexities of global events and relationships. Heavy in developing research, writing, speech, and other presentation skills.

Course Title: **Lifetime Fitness**

Grade Level: 10 -12

Prerequisite: PE

Credit: 1 credit

This course provides students with an overview of social team, dual, and individual sports. Students will learn and compete in activities relevant to lifetime fitness. Content includes basketball, volleyball, disc golf, badminton, pickleball, archery, pilates, yoga, cardiovascular training, etc.. Students also learn the components of fitness, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments, set goals, and participate in weekly physical activity.

Course Title: **Navy Junior ROTC/NNDCC**

(Navy Nation Defence Cadet Corp/Navy Junior Reserve Officers Training Corp)

Grade Level: 9-12

Prerequisite: Be physically qualified to participate in the school's normal physical education program and in all NNDCC/NJROTC activities. Maintain acceptable standards of academic achievement and an academic standing that warrants at least normal progression as well as acceptable standards of conduct. Students must comply with specified personal grooming standards. Common sense and good judgment apply. Standards will not be relaxed so as to reflect disgrace on the naval service.

Credit: 1 credit

The mission of the program is to instill the values of citizenship, service, personal responsibility and a sense of accomplishment. The curriculum emphasizes citizenship and leadership development, as well as maritime heritage, the significance of sea power, and naval topics such as the fundamentals of naval operations, seamanship, navigation and meteorology. The class can also include community service activities, drill competition, field meets, flights, visits to naval activities, marksmanship training, and other military training.

Curriculum includes

- **CITIZENSHIP** -- Instillation of values of good, responsible citizenship.



- NAVAL ORIENTATION -- Basic introduction to the Navy's customs and traditions.
- NAVAL OPERATIONS/ORGANIZATION -- Familiarization with national naval strategy and daily military operations.
- NAVAL HISTORY -- History of the United States Navy from the colonial period to the present.
- NAVIGATION -- Introduction to piloting and navigation.
- SEAMANSHIP -- Introduction to basic seamanship and ship handling.
- LEADERSHIP AND ETHICS -- Ongoing study of leadership, with opportunities to develop leadership abilities and ethical conduct at all organizational levels.
- NAUTICAL ASTRONOMY -- Study of astronomy and its use in navigation.
- ELECTRONICS -- Introduction to electronics as the basis for communications and weapons systems.
- OCEANOGRAPHY -- Information on the world's ocean systems.
- COLLEGE AND CAREER READINESS – Information on life after high school to include planning and preparation for further education or careers in public, private, and non-profit sectors.
- PERSONAL FINANCE – Financial planning to include saving, investing, taxes, and insurance.
- CYBER SECURITY – Information on the digital information space and applicable career choices.
- SPACE EXPLORATION – History and future of space programs to include careers in space programs.
- DRILLS, COMMANDS, AND CEREMONIES -- Close order drill and parade ceremonies.
- PHYSICAL FITNESS -- Activities to promote healthy, active lifestyles.

Course Title: **Oral Communications/Written Communications**

Grade Level: 11/12

Prerequisite: English 9 & 10

Credit: .5 credit (1st semester Written/2nd semester Oral)

The first semester is geared towards focusing on all types of verbal expression, especially public speaking. It also incorporates some analysis of famous speech models.

The second semester course will have a focus on expository writing. The emphasis is on teaching students the skills necessary to write effective, businesslike communication.

Course Title: **Practical Computing**

Grade Level: 9-12

Prerequisites: None

Credit: 1 credit

This course teaches students about computer basics like parts, buying, disposing, identity theft, and cyberbullying. Students then learn how to use the computer to create business documents like cover letters and resumes, use spreadsheets to balance accounts and create budgets, create and use simple databases, as well as some basics in computer graphics.

Course Title: **Psychology**

Grade Level: 12 (or 11<sup>th</sup> grade only if social studies graduation requirements have been met)

Prerequisite: None

Credit: .5 credit (1<sup>st</sup> semester course)

Psychology is the study of human behavior. The aim of this course is to help the student gain an understanding of not only the behavior of others, but their own individual behavior as well. Our main psychological focuses will be on learning, cognitive, psychoanalytical, biological, and social psychology. Not only will students be dealing with these areas of psychology, but also looking into and conducting their own research using the scientific method.

Course Title: **Sociology**

Grade Level: 12 (or 11<sup>th</sup> grade only if social studies graduation requirements have been met)

Prerequisite: None

Credit: .5 credit (2<sup>nd</sup> semester course)

Sociology is the systematic study of human behavior, social relationships, and societies. This course will give the student a “sociological perspective” to use in understanding the connections between their everyday life and their place within society as a whole. The class will learn about and conduct experiments related to interpersonal relationships. We will also focus particularly on various explanations for social inequality in the U.S. Specifically, we will examine how social class, race-ethnicity, gender, age, etc., shape our lives and our social institutions.

Course Title: **Web Design**

Grade Level: 9-12

Prerequisites: None

Credit: 1 credit

Students will learn to create basic web pages by programming in HTML. Topics include adding and formatting text, links, formatting with cascading style sheets (CSS), using themes, graphics, sound, and video. At the end of the course we will switch to an online website builder to create websites.

Course Title: **Wilderness Leadership**

Grade Level: 11/12

Prerequisites:

- Completion of three required science credits; (Biology, Physics, and or Chemistry, and one other science credit (Applied Science, Environmental Science, or AP Biology)
- Parent or guardian signature and pre-approval by teacher

Credit: 1.0 elective credit

This is a leadership course in which students will be expected to immerse themselves in the curriculum and content. Mental focus, strenuous physical activity, participation in weekend expeditions, participation in fundraising, and a service-learning project will be expected.

Course Title: **Work Experience**

Grade Level: 11-12

Prerequisites: Ready for graduation and in good standing

Credit: .5 credit per semester

Work Experience is an elective class which combines supervised paid employment in any occupational field with related classroom instruction in employability skills. Students will develop work habits, attitudes, self-confidence, and job skills, which can be used to locate, secure, and retain employment in the community. This will be a Credit/No Credit class.

Students must fill out the completed application packet by the posted deadline. Applications can be found in the counseling offices. Included on the application, there is a requirement that the student must have completed an Educational Development Plan through Xello at the time of the application. Students will then be scheduled for an interview to make sure the candidate will be successful in finding their own internship/work experience that correlates with their EDP and that the student can be responsible for their own learning taking place off the KHS campus. This student must be responsible inside and outside the classroom, respectful to others, and trusted to ask

questions and meet the needs of not only the employer, but the advisor as well. Students will be required to turn in timesheets regularly and be responsive to email communication with the advisor. This will only be offered a maximum of 2 credit hours per school year. This class is limited to the first 5 well suited applicants.

## **DUAL ENROLL – Northwestern Michigan College Campus**

There are several classes available. Students must be enrolled in the fall course by the Spring deadline given by the school counselor the previous school year and the Fall deadline for Spring courses. Students must meet the MDE established PSAT/SAT score(s) to apply to NMC. See the school counselor for details.  
<https://www.nmc.edu/programs/course-descriptions/index.html>

## **EARLY COLLEGE – Northwest Ed Career Tech & NMC**

Several CT programs are available for the Early College program, which allow students to earn up to 60 college credits with a 5<sup>th</sup> year of high school. See the school counselor for details.

## **ONLINE COURSES**

Online courses are reserved for **credit recovery** opportunities. Consideration for up to 2 online courses will be in conjunction with a student's educational development plan.

## **NORTHWEST EDUCATION SERVICES - CAREER TECH**

Students may earn up to **3.0 credits** from the Career Tech in Traverse City. Students will earn a grade and their teacher will recommend how many credits the student will earn based on attendance at 5 absences or less. Students must sign up online and be in good standing at Kingsley High School and on track for graduation to attend the Tech Center. (10<sup>th</sup> graders must have at least 11 credits before the start of 2023-2024 school year and seniors must have at least 18 credits before the start of 2023-2024 school year). If a student is not successful at Career Tech or KHS, students may be pulled from the program.

Below are the listed Career Tech courses and what credits students may receive with a passing grade and credit recommendation.

### **Important to note:**

**\*All CT courses will give a 4th year math credit for Senior students only, in addition to what is labeled below.**

**\*ALL CT courses will be given a 3rd year science credit waiver\***

If students do not need the course because they either a) already took the course at KHS or b) are currently enrolled in that course at KHS, credit will turn to VPAA credits and count towards graduation. All of the tech center courses offer certifications in specific areas and most offer articulation agreements with various colleges in Michigan. Example: Agriscience offers 6 Michigan State University credits to students if they complete the program requirements. Ask the counselor for more information or go to the Career Tech website.

<b>Career Tech Course</b>	<b>Courses they will get credit for</b>	<b>Courses they will get credit for</b>
Agriscience	English 11 or English 12	Biology
Automotive Repair	English 11 or English 12	
Aviation Maintenance	English 11 or English 12	
Business Careers	English 11 or English 12	
Collision Repair	English 11 or English 12	
Construction Trades	English 11 or English 12	Geometry
Culinary Arts	English 11 or English 12	
Early Education	English 11 or English 12	
Electrical Occupations	Algebra II over 2 years completion	
Engineering Academy 7:30-11:30 ONLY	English 11 or English 12 H. Chem or H. Physics (1.0) H. Economics (.5)	Alg. II or Honors Trig./Pre-Calc or Honors Calc or NMC Calc I/II/III or Direct CreditDiff. Equations

Film and New Media	English 11 or English 12	
Graphic Arts	English 11 or English 12	
Health Science	English 11 or English 12	
Information Technology	English 11 or English 12	
Power Equipment	English 11 or English 12	
Precision Machining	Algebra II over 2 years completion	
Public Safety	English 11 or English 12	
Robotics and Automation	English 11 or English 12	Algebra II over 2 years completion
Web and App Development	English 11 or English 12	
Welding		
Writers Studio	English 11 or English 12	

Teacher Academy	*VPAA credit offered per block scheduled	
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**\*ALL CT courses will be given a 3rd year science credit waiver\***

**\*All CT courses will give a 4th year math for Senior students only.**

**SAMPLE STUDENT A:**

Student A is enrolled in Agriscience for their Junior year but they passed biology their freshman year. They have not taken English 11 yet. Student A will then not have to enroll in English 11 because it is offered through their program at CT. They will not use the biology credit offered to them as that requirement has already been filled for them. With this specific CT program, upon recommendation from CT

and a passing grade, the Student A will earn 1.0 in English 11 credit and 2.0 in VPAA credits.

**SAMPLE STUDENT B:**

Student B is a Senior enrolled in Construction Trades. Student B did not pass Geometry sophomore year, but passed Algebra I and II their freshman and junior year. Student B needs a 4th English credit. With this specific CT program, upon recommendation from CT and a passing grade, Student B will earn 1.0 Geometry credit, 1.0 English 12 credit, and 1.0 4th year math credit.