

# NORTH LAKE HIGH SCHOOL



## ACADEMIC COURSE GUIDE

2021 - 2022

This is a comprehensive list of all courses offered at North Lake High School. Not all courses are offered every semester.

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**2020-2021 COVID Disclaimer:**

Due to the regulations and requirements stipulated by both the State of Michigan and the LSPS Return to Learn Plan, aspects of the student handbook may be changed, eliminated, or temporarily suspended until Michigan enters Phase 6 of the state's reopening plan. Pertinent changes will be sent to families and posted publically.

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### **LSPS Virtual Course Catalog 2021/22**

In the event that LSPS is unable to staff virtual course offerings, we will contract with the third party vendors below. Virtual offerings are expanded to address the concerns parents have with the return to school buildings while COVID-19 is a public health concern.

The third party provider for virtual courses at North Lake High School is Edgenuity. All courses that are offered in alignment to the school calendar are available to students. The NLHS counselor will work with students and parents to create a schedule.

[https://docs.google.com/document/d/1xwO2\\_EnIWkMTSIXh1MTjGj3phBehaU95\\_A3YFZ72K8/edit?usp=sharing](https://docs.google.com/document/d/1xwO2_EnIWkMTSIXh1MTjGj3phBehaU95_A3YFZ72K8/edit?usp=sharing)

## **Introduction**

North Lake High School provides students with the opportunity to recover credit through teacher directed and computer learning courses such as Odysseyware.

North Lake High School graduates must successfully complete twenty two (22) credits of course work, as well as complete a designated number of community service hours based on credits needed to receive their high school diploma.

The courses described in this handbook are aligned with the Michigan Merit Curriculum and the Michigan High School Standards and Benchmarks.

All courses listed and described in this course book have the capability of running as virtual, hybrid, or in-person. The method of delivery will depend on the number of requests from students and there is a highly qualified teacher available to provide instruction.

## **Equal Education Opportunity Non-Discrimination Statement**

Lake Shore Public Schools is an equal educational opportunity school and complies with all federal and state laws and regulations prohibiting discrimination. Lake Shore Public Schools are intended to be fair, reasonable and for the good of the school and of the students. It is the policy of the Lake Shore Board of Education that no person or student shall be discriminated against, excluded from participation in, denied access to classes or programs or be otherwise subjected to discrimination on the basis of race, color, religion, national origin or ancestry, age, sex, marital status, physical characteristics, or physical limitations in its academic and vocational programs and activities for which a student is otherwise eligible.

Complaints of such discrimination must be made in writing to the principal of the school by parent/guardian on behalf of their son/daughter or by an adult student on his/her own behalf. The principal will respond to properly made complaints within ten (10) school days. Complaints not settled by the principal may be appealed in writing to the Assistant Superintendent of Educational Services, 28850 Harper, St Clair Shores, Michigan, 48081, (586) 285-8460. Complaints may also be made to the Office for Civil Rights, U.S. Department of Education, 600 Superior Avenue East, Suite 750, Cleveland, OH 44114-2611.

The Assistant Superintendent of Education Services is designated as the compliance officer and is responsible for the District's compliance with Federal and State laws and regulations, including Title II, Title VI and VII of the Civil Rights Act of 1964; Title IX of the Education Amendment Act of 1972; and Section 504 of the Rehabilitation Act of 1973. The Assistant Superintendent shall assure that notice of the rights provided under the preceding Acts are provided to students, their parents, staff members, and the general public.

## **Admission Standards to State Universities in Michigan**

The state universities of Michigan have adopted specific admissions requirements for students who attend one of the 15 public universities. The statement is a result of an initiative to improve academic preparation of students seeking admission to a state university. The President's Council developed a document entitled "Designing Your Future" in which students were provided guidance in selecting courses to enhance their preparation for university level work.

The revised version of "Designing Your Future" outlines selected course completion requirements while retaining some of the original recommendations. The state universities have agreed that to be eligible for regular admission to a four-year degree program, a high school student must successfully complete the following course requirements:

- English - four years required
- Mathematics - four years required
- Biological/Physical Sciences - three years required,  
One year of Biology required,  
One year either Chemistry or Physics required,  
And one year of another science credit required (At least one year of a laboratory course is also strongly recommended.)
- History and Social Sciences - three years required, one year of American History required and one year of World History required
- World Language - Two years required (for class 2016 and beyond)
- Prospective students are also encouraged to complete courses in the following areas:
  - World Language - three years strongly recommended
  - Fine and Performing Arts - two years strongly recommended
  - Computer Literacy - one year of hands-on experience in using computers strongly recommended

The universities recognize that, for a variety of reasons, some students may not be able to complete all of the requirements. In such circumstances, students may still be considered for admission and, therefore, are encouraged to apply to the universities of their choice. In all instances, each university has final authority for admission decisions, based on the level of achievement required and other indicators of potential for academic success. These requirements are typical for most colleges and universities throughout the country.

## **Consortium Courses**

A high school's curriculum is fashioned to the particular needs of the students in a district; there are differences from high school to high school in the types of courses offered. In St. Clair Shores and the surrounding districts, these differences work to the population's advantage. The consortium can offer to students in each district, the unique courses of the other districts. In addition, we can combine students with the same educational needs in large enough groups to hold a class that, in individual districts, would be canceled.

The goal of consortium scheduling is to enable students to enroll in courses that fulfill their individual educational needs.

- It is a privilege for students to be enrolled in consortium classes
- It is vital that students and parents understand that the student must be flexible, responsible, and be willing to make personal adjustments
- Schools operate on different daily schedules that may necessitate early arrival or late dismissal
- Additionally, students may miss a portion of their regularly scheduled classes, and it is the student's responsibility to make up any missed work
- Transportation will not be provided to consortium classes
- Students are required to follow the attendance policy and code of conduct of the school in which the consortium class is taken
- Students will sign an agreement stating that they understand the operating policy and procedures for consortium classes.

## **Virtual Learning Courses- General Description**

North Lake High School believes firmly that learning can take place anytime, anywhere and should not be restricted to a designated time or place. We also have an understanding that today's students thrive in an environment that allows for a high level of efficiency, self-direction, and prioritization. This has led to the development of Virtual Learning courses. Virtual Learning courses allow a student to complete their coursework on-line. This can be done anytime, anywhere. Seat-time requirements will vary from week to week depending on instructor requirements and student performance. A student in a Virtual Learning course may attend class everyday during that respective hour.

## **Early Graduation Requirements**

Early graduation is permitted only upon the recommendation of a counselor and approval by the principal. Students must complete an "Early Graduation Application" and submit it to their counselor at least one trimester in advance. Students may qualify for early graduation upon successful completion of all graduation requirements.

## Dual Enrollment

North Lake High School recognizes the value to students and to the District for students to participate in programs offered by accredited colleges and universities in Michigan.

Eligible students are those who meet the criteria to enroll in approved post secondary programs (that are not offered by the District) while in attendance in the District. Students will be eligible to receive secondary credit for completing any of these programs providing they meet the established requirements.

Tuition and fees shall be made in accordance with the formulas established in the State School-Aid Act.

### Guidelines:

- College course cannot be one of hobby, recreation, religion or physical education
- Summer courses do not qualify
- When a student has met all graduation requirements, he/she is no longer eligible for dual enrollment
- Prior to enrollment, a student must have taken the Michigan Merit Exam, PSAT, PLAN, or ACT and earn a qualifying score on the exam

### Steps:

1. Check with NLHS Counselor to establish eligibility.
2. Complete the "Early Admission Application Form" available through and signed by NLHS Counselor.
3. Student delivers signed form to the college's Enrollment Services Office for registration. Enrollment Services will create a student account which enables student to complete any necessary placement exams. It is highly recommended that a counselor from the college guide course selection.
4. Return a copy of the completed form to the NLHS Counseling Office for preliminary district course approval.
5. Once approved by Enrollment Services and NLHS Counseling Office, student may register for approved course.
6. Once enrolled, student must provide evidence of college schedule to NLHS Counselor.
7. It is imperative that the student complete and submit the "Dual Enrollment Approval Form" to NLHS Counselor.
8. Once processed by the district, the NLHS Counselor will send the student with a completed form to Enrollment Services to finalize Dual Enrollment payment.

## Graduation Requirements beginning with the Class of 2021

Content Area	NLHS Graduation Requirements	Total Credits	Michigan Merit Curriculum
Language Arts	English I English II English III English IV	4	English 9 English 10 English 11 English 12
Mathematics	Algebra I Geometry Algebra II Math or Math related course during senior year	4	Algebra I Geometry Algebra II Math or Math related course during senior year
Science	Physics or Chemistry Biology 2 Additional Science Courses	3	Physics or Chemistry Biology 2 Additional Science Courses
Social Studies	World History & Geography U.S. History & Geography Government/Economics	3	World History & Geography U.S. History & Geography .5 Civics/.5 Economics
Physical Education and Health	Physical Education and Health	1	1 credit of Physical Education and Health
Visual, Performing, Applied Arts	1 credit of visual arts	1	1 credit of visual, performing, or applied arts
Foreign Language	Spanish French	2	Spanish, French, etc.
Elective Classes	1.5 required credits	1.5	No requirement
Computer Application	.5 technology based credit	.5	No requirement

Total Credits Required: 20 Credits

## **Testing Out**

Testing Out of a course occurs when a student is administered an exam that covers a term's worth of information of a required course and achieves a score of at least 80%. The test will be administered before or after school. Test administration times and dates are dependent upon teacher availability. Any high school student who wishes to test out of a required (non-elective) course may do so in June of each year. Credit (CR) will be granted if a student earns a score of at least 80%. A "CR" will appear on the student's transcript. This means that the required credit was achieved but will not factor into the student's GPA.

If a student is recognized by a teacher as advanced or proficient in a core subject, a teacher may decide to administer the Test Out Exam to that student to determine proficiency within the first 5 days of a trimester. This would allow the student to earn credit (CR) for the requirement and be appropriately placed academically.

Test-out opportunities will be advertised in May. Applications to test out are available in the counseling office and are due June 1st. Test-outs will be completed by the end of the school year. Students should see their counselor for more information regarding testing out.

## The State of Michigan High School Testing Program

All 11<sup>th</sup> grade students must take the Work Keys/SAT/M-STEP, which is composed of the Work Keys, SAT, Common Core ELA, Common Core Math, Science, and Social Studies tests. The SAT/M-STEP is administered in the spring over several days. The results of the SAT/M-STEP will be included on the student's transcript.

The SAT/M-STEP measures students' proficiencies in Writing, Reading, Mathematics, Science, and Social Studies. The examination is based on the State Board of Education core curriculum outcomes. Any student with a disability may request accommodations for testing.

Accommodations adjust the physical, psycho-social, or cognitive requirements of the testing situation to enable the student to perform to his/her maximum ability.

### Testing Schedule

GRADE	TEST	GRADUATION REQUIREMENT	DATE GIVEN	RESULTS USED BY
10	10 PSAT	Mandatory	April	School District
9,10,11,12	NWEA	Mandatory	September, December and May	School District, Counselor, Teachers
11	Work Keys/SAT M-STEP	Mandatory	April	State, Counselors, Teachers, School District and College Admissions
11,12	ACT	Optional	National Test Dates	Colleges-For placement and admissions
11,12	SAT	Optional	National Test Dates	Colleges-For placement and admissions
11,12	ASVAB	Optional	Arranged by Counselor	Career/Vocational Assessment for Armed Services.

**Graduation Requirement- All students must take, to the best of their ability, all mandated tests.**

## Academic Offering Guide Table of Contents

All courses listed and described in this course book have the capability of running as virtual, hybrid, or in-person. The method of delivery will depend on the number of requests from students and there is a highly qualified teacher available to provide instruction.

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## ODYSSEYWARE COURSE OFFERINGS - 2020-2021

### English Language Arts

- English 9 A & B
- English 10 A & B
- English 11 A & B
- English 12 A & B

### Mathematics

- Algebra I A & B
- Geometry A & B
- Algebra II A & B

### Senior Math

- Pre Calculus A & B
- Integrated Math I A & B
- Consumers Math
- Personal Financial Literacy
- Trigonometry
- Advanced Algebra A & B

### Science

- Biology A & B
- Chemistry A & B
- Physics A & B

### Science Elective

- Earth Science A & B
- Environmental Science A & B
- Integrated Physics & Chem A & B

### Social Studies

- World History A & B
- US History A & B
- Government
- Economics

### Health/Physical Ed

- High School Health
- Physical Education

### Fine Arts

- Art History A & B
- Music Appreciation
- Music Theory
- Media Studies

### World Languages

- French I A & B
- French II A & B
- Spanish I A & B
- Spanish II A & B
- Spanish III A & B

### Computer

- Bus. Computer Info Systems I A & B
- Technology & You

### CTE

- Intro to Agri., Food & Natural Resources
- Construction Careers
- Principles of Business and Finance
- Intro to Careers in Education & Training
- Forensics: Using Science to Solve a Mystery
- Intro to Hospitality & Tourism Systems
- Intro to Law, Public Safety, Corrections, & Security

### Electives

- Essentials of Communication
- Essentials of Business
- Civil War
- Vietnam Era
- World Geography A & B
- World Civilizations
- Personal & Family Living
- Psychology
- 20th Century American History
- Military Innovations

## **English Language Arts (ELA) Department Academic Offerings**

### **ELA 9A & 9B- Grade 9 (2) Terms: 1.0 credit**

This course will be an in-depth look at literature that guides students in finding their self and place within society. Students will be expected to read and analyze various works of literature and write responses to these works. The students will also learn ways English is used in today's society and show proficiency in real world applications of English. They will learn the Writing Process, vocabulary and spelling. They will be asked to relate literature to real life situations and experiences. **This class will meet 1.0 credit of the English requirement.**

### **ELA 10A & 10B - AMERICAN LITERATURE- Grade 10 (1) Term: 0.5 credit**

This course is designed to further support student development in all five of the language arts areas: reading, writing, speaking, listening, and viewing. The focus of this class will be on American Literature. A wide variety of literary and informational text will be read and analyzed. While each unit of study has anchor readings that relate to the theme, it is understood that each unit will be supplemented with additional novels, poems, short stories, essays and film clips relating to the theme. **This class will meet 0.5 credit of the English requirement.**

### **ELA 11A & 11B - BRITISH LITERATURE- Grade 11 (1) Terms: 0.5 credit**

This course deals with British Literature. It will look at the different times of Britain and the historical, social and technical view of British Literature. The students will be asked to read and discuss the literature and various literary elements within them. In addition to reading British Literature, students will be expected to analyze and write about the literature, relate the historical and social views to the readings and compare or contrast to current situations in the world. They will be asked to relate literature to real life situations and experiences. **This class will meet 0.5 credit of the Junior-year English requirement.**

### **ELA 12A & 12B – WORLD LITERATURE- Grade 12 (1) Term: 0.5 credit**

This course deals with world literature. It will be a chronological exploration of literature from around the world. It will be an unbiased look at the historical, social and technical view of various pieces of literature. The students will be asked to read and discuss the literature and literary elements within them. **This class will meet 0.5 credit of the Senior-year English requirement.**

### **CREATIVE WRITING- Grades: 11-12 (1) Term: 0.5 credit**

This course will look at the different areas and styles of creative writing. Students will be expected to write daily. Students will write journals, poetry, and stories. It will cover all aspects of writing, including but not limited to, grammar, drafting, proofreading, editing, and revising. **This class will meet 0.5 credit of the Senior-year English requirement.**

### **DRAMA- Grades: 10-12 (1) Term: 0.5 credit**

This course deals with drama as literature and aspects of theater. It will examine various plays from classical to modern times. The students will be asked to read, interpret and discuss the plays and the literary elements present within them, including, but not limited to, plot, setting, themes and characterization. They will also be asked to relate common themes to real life experiences and situations. In addition to the plays, students will also be expected to analyze and write about the plays, create and perform skits and scenes illustrating the literary elements discussed and the technical aspects of theater. There will also be a section on creating all aspects of theater, including set design, costuming, make-up, sound and lighting. The students will research and participate in creating a production. This course will combine interpretive, analytical and critical thinking for class discussion and writing. **This class will meet 0.5 credit of the 10, 11, or 12 English requirement.**

**ENGLISH FUNDAMENTALS- Grades: 10-12 (1) Term: 0.5 credit**

This course will be a thematic approach to literature and writing. It will look at different styles of literature and writing. The students will be asked to read and discuss the literature and various literary elements within it. The student will be expected to participate in discussion. In addition to reading literature, students will be expected to analyze and write about literature and/or current topics and compare or contrast to current situations in the world. They will be asked to relate literature to real life situations and experiences. This course will combine interpretive, analytical and critical thinking for class discussion and writing. **This class will meet 0.5 credit of the 10, 11, or 12 English requirement.**

**ENGLISH IN TODAY'S WORLD- Grades: 10-12 (1) Term: 0.5 credit**

This course will be dealing with English and the skills needed to function in today's society. It will prepare students for everyday application of English skills. The students will be asked to imagine real life situations and develop the skills needed to master these situations. In addition to fundamental English skills, students will be expected to create writings that will help land jobs and the processes included in job searching. Students will also work on verbal and non-verbal communication skills. The students will be expected to apply the materials of this course in real world situations. **This class will meet 0.5 credit of the 10, 11, or 12 English requirement.**

**MASS MEDIA- Grades: 11-12 (1) Term: 0.5 credit**

Students will become familiar with the impact of mass media on society. Activities will include readings, current events, research, class discussions, writing, interpretation, analysis, oral participation, and objective evaluation. **This class will meet 0.5 credit of the Senior-year English requirement.**

**MODERN LITERATURE- Grade: 12 (1) Term: 0.5 credit**

This course will look at the different areas and genre of Modern Literature and the historical, social and technical view that created and influenced Modern Literature. Students will be asked to read and discuss the literature and various literary elements within them. In addition to reading Modern Literature, students will be expected to analyze and write about the literature, relate the social views to the readings and compare or contrast to current situations in the world. They will be asked to relate literature to real life situations and experiences. This course will combine interpretive, analytical and critical thinking for class discussion and writing. **This class will meet 0.5 credit of the Senior-year English requirement.**

**MYTHS & LEGENDS- Grades: 10-12 (1) Term: 0.5 credit**

This course will be dealing with a comprehensive look at the mythology, fables and legends of different cultures. It will look at oral and literary traditions. It will compare/contrast the different myths and legends. It will look at the different cultures and how they relate to the historical, social, and technical view of myths, fables, and legends. **This class will meet 0.5 credit of the 10, 11, or 12 English requirement.**

**PUBLICATIONS I & II- Grades: 9-12 (2) Term: 1.0 credit**

This course will involve understanding the fundamentals of producing a school newspaper and a yearbook. The student will learn the basics of researching materials, article writing, copy editing, layout and design, photography, and conducting interviews. They will be asked to relate the in-class assignments to real life situations and experiences. It will require a combination of personal skill and creativity to complete assigned tasks. Various techniques and software will be used to compile the newspaper and yearbook. There will be team assignments as well as individual assignments. The students will be asked to show proficiency on the computer and in completing coursework. **For grades 9-11, this class will meet 0.5 credit of general elective requirement and will meet 0.5 credit of the Senior-year English requirement.**

**DARK SIDE OF ENGLISH- Grades: 10-12 (1) Term: 0.5 credit**

This course will be dealing with Gothic literature, texts, and non-fiction. It will look at Vampires, Witches, Ghosts, and other things that go bump in the night. It will explore elements of Romanticism and the Victorian era, as well as, the continuing legacy and influences it has on modern writing. It will look at the music, art and architecture in this genre to enhance student understanding of the literature and time

period. The students will delve into the darker side of fairytales. The Students will learn about the psychological and physiological side of death and fear. **This class will meet 0.5 credit of the 10, 11, or 12 English requirement.**

**THE RENAISSANCE- Grades: 10-12 (1) Term: 0.5 credit**

This course will be dealing with the Renaissance time period and the Middle Ages. It will be a comprehensive look at the life and times of the people living during the medieval and renaissance era. It will combine literature, history, art, music and architecture from the time. In addition to the readings, students will be expected to analyze and write about the materials, complete projects, relate the historical and social views to present time, and present and participate during in-class discussions and activities. **This class will meet 0.5 credit of the Sophomore, Junior or Senior-year English requirement.**

**SHAKESPEARE- Grades: 11-12 (1) Term: 0.5 credit**

This course will be dealing with the works of William Shakespeare. It will look at the life and times of William Shakespeare and the historical, social, and technical view of Shakespeare. The students will be asked to read and discuss the plays and various literary elements within them. Students will be expected to analyze and write about them, relate the historical and social views to the readings and compare or contrast to current situations in the world. Students will research and understand the language of Shakespeare. **This class will meet 0.5 credit of the Junior or Senior-year English requirement.**

**WRITERS WORKSHOP- Grades: 10-12 (1) Term: 0.5 credit**

This course will look at the academic styles of writing. Students will begin with the foundations of writing and sentence structure. Students will be expected to write daily and in various styles. It will cover all aspects of writing, including but not limited to, grammar, proofreading, editing, essay writing, and a research paper. **This class will meet 0.5 credit of the Sophomore, Junior or Senior-year English requirement.**

**PUBLIC SPEAKING- Grades: 10-12 (1) Term: 0.5 credit**

Course content will include memorization speeches, manuscript speeches, extemporaneous speeches, impromptu speeches, debate, vocabulary, and grammar. Activities will include 12-15 speeches, research, outlining, rough drafts, proofreading, videotaping and final presentations. **This class will meet 0.5 credit of the Sophomore, Junior or Senior-year English requirement.**

**SHORT STORY- Grades: 11-12 (1) Term: 0.5 credit**

This course will be dealing with short stories from classical to modern times. The students will be asked to read and discuss the short stories and the various literary elements present within them, including, but not limited to, plot, setting, themes, and characterization. In addition to the readings, students will also be expected to analyze and write about the short stories. **This class will meet 0.5 credit of the Junior or Senior-year English requirement.**

**LITERATURE AND MEDIA- Grades: 11-12 (1) Term: 0.5 credit**

This course will be dealing with the influences of English on media - movies, music and pop culture. It will explore the stories behind the scenes and the transition of fiction to film. It will look at how film makers use different techniques to enhance the story and produce a desired effect. It will look at the poetry in music and how music impacts English. It will look at how literature throughout the generations has impacted pop culture and how film has impacted literature. The students will be asked to read/watch and discuss the literature/story and various literary elements within them. **This class will meet 0.5 credit of general elective requirement.**

**COLLEGE AND CAREER READINESS- Grade: 11 (1) Term: 0.5 credit**

This course will be dealing with English and the basic skills needed for your future. It will prepare students for everyday application of English skills. It focuses on reading, writing, spelling, grammar and

vocabulary. In addition to this, students will also be prepared for test taking and completing writing prompts. **This class will meet 0.5 credit of the Junior-year English requirement.**

## Science Department Academic Offerings

### ANATOMY/PHYSIOLOGY- Grades: 10-12 (1) Term: 0.5 credit

This class will cover genetics through a presentation of the work of Gregor Mendel. Meiosis is also introduced and discussed. Students will learn about the structure of DNA, how it is replicated and the processes of transcription and translation are explained. Mendelian patterns of heredity and the principles of genetics as applied to humans are covered. The second part of this class focuses on the organs and systems of the human body and how they interact with one another. **This class will meet 0.5 credit of the science elective requirement.**

### ASTRONOMY- Grades: 11-12 (1) Term: 0.5 credit

This course will provide the student with an introduction to the concepts of modern astronomy, the origin and history of the Universe and the formation of the Earth and the solar system. Students will compare the Earth's properties with those of the other planets and explore how the heavens have influenced human thought and action. The course gives a description of astronomical phenomena using the laws of physics. The course treats many standard topics including planets, stars, the Milky Way and other galaxies, black holes to more esoteric questions concerning the origin of the universe and its evolution and fate. **This class will meet 0.5 credit of the science elective requirement.**

### ATMOSPHERES & OCEANS- Grades: 11 and 12 (1) Term: 0.5 credit

This course will cover the composition, structure and properties of the earth's atmosphere. Students will be introduced to meteorology, the study of atmospheric phenomena, and explore various types of severe weather. Different types of climate will be studied, specifically why different climates occur and how they are classified. Finally, this course will study the oceans and explore the formations of ocean floor features such as ridges and trenches. **This class will meet 0.5 credit of the science elective requirement.**

### BIOLOGY A- Grades: 9-12 (1) Terms 0.5 credit

Basic biological concepts will be covered including cell structures, cell functions, the five kingdoms and classification systems. Students will observe and perform lab activities related to the above areas of study. **This class will meet 0.5 credit of the Biology I requirement.**

### BIOLOGY B- Grades: 9-12 (1) Terms 0.5 credit

This course covers the Earth's changes through time. Areas to be studied include life's diversity, evolution, viruses, bacteria, protist, fungi, and plants. Students will participate in various lab and group activities. **This class will meet 0.5 credit of the Biology I requirement.**

### CHEMISTRY A and B- Grades: 10-12 (2) Terms: 1.0 credit

The basic concepts related to the study of chemistry are explored and applied using basic formulas and simple activities. Some of the areas of study are the scientific method, properties, classification and structure of matter, periodic law, atoms and bonding and chemical reactions. **This class will meet 1.0 credit of the Chemistry/Physics requirement.**

### EARTH SCIENCE (METEOROLOGY) - Grade: 9 (1) Term: 0.5 credit

This class will examine the role of the atmosphere and the oceans in Earth's weather patterns. Topics include basic meteorology, nature of storms, and Earth's changing climate. At the end of systems. Students will also be able to understand the oceans' role in world weather and climate. Students will take part in actively monitoring weather data and interpreting data to make meteorological predictions. **This class will meet 0.5 credit of the science elective requirement.**

**ENVIRONMENTAL SCIENCE- Grades: 11- 12 (1) Term: 0.5 credit**

This course studies the Earth's biosphere and ecological interactions. Topics covered will include the changing environment, matter, and energy in the world biomes. Students will participate in a variety of group activities related to the above topics. **This class will meet 0.5 credit of the science elective requirement.**

**FORENSIC SCIENCE- Grades: 11-12 (1) Term: 0.5 credit**

Forensic Science is an introductory course in which students will have the opportunity to explore how scientific principles are used in analyzing physical evidence found at crime scenes and be introduced to the wide array of career choices in forensics. The fundamental objective is to teach the basic processes and principles of scientific thinking so as to apply them to solving problems that are related not only to science but to all disciplines. Students will be introduced to some of the specialized fields of forensic science, the principles of science and technology upon which they are based, and the application of these principles to various analyses of crime scene evidence. **This class will meet 0.5 credit of the science elective requirement.**

**PHYSICAL SCIENCE- Grades: 10-12 (1) Term: 0.5 credit**

The basic concepts related to the study of physics are explored and applied using basic formulas and simple activities. Some of the areas of study are the scientific method, motion, forces, fluids, simple machines, heat, electricity, and magnetism. **This class will meet 0.5 credit of the science elective requirement.**

**PHYSICS- Grades: 10-12 (1) Term: 0.5 credit**

This course will focus on Michigan's Physics science content expectations including the nature and practice of scientific inquiry, motion of objects, forces and motion, and forms of energy and energy transformations. Students will learn that physical principles allow understanding in other sciences and everyday experiences (e.g. heat exchanges in the atmosphere as they relate to weather, pressure and temperature differences causing different geological formations, radiation of electromagnetic energy and how it affects photosynthesis, the behavior of light and the eye, electricity, electromagnetic waves and your cell phone, nuclear fission and power plants, atomic structure, and chemical reactions). **This class will meet 0.5 of the Physics/Chemistry science requirement.**

**ZOOLOGY- Grades: 11-12 (1) Term: 0.5 credit**

**Pre-Requisite:** Successful completion of two science credits

Concepts will include animal behavior, animal evolution, animal anatomy, and ecology. In addition to the above topics, special attention may be given to the study of animals indigenous to Michigan. **This class will meet 0.5 credit of the science elective requirement.**

## **Social Sciences Department Academic Offerings**

### **AMERICAN GOVERNMENT- Grades: 10-11 (1) Term: 0.5 credit**

This course will cover our democratic heritage, the structure of our government and other governments throughout the world, how democratic institutions function, how different economic systems view the purpose of government, and what contributes to good citizenship. At the end of the course, students will understand how politics are important to our lives, how a bill becomes law, the branches of government and their purposes, improve reading skills, understand political vocabulary, and understand how economics mirror different views of government. **This class will meet 0.5 credit of the government requirement.**

### **AMERICAN POLITICAL ELECTIONS- Grades: 10-12 (1) Term: 0.5 credit**

This course is designed to look historically at America's unique, democratic political system of elections by analyzing Presidential elections from 1789 (George Washington) to the present. Topics examined will include the traditional Two-Party structure and the impact of Third Parties, the Electoral College and popular voting; the influence of television, social media and demographic change; and political campaigns for elected office. Students will complete one independent project of their choosing which examines a particular and historic presidential election, producing a paper along with a poster comparing issues and highlights from that significant and historic presidential election. **This class will meet 0.5 credit of the social studies elective requirement.**

### **ECONOMICS- Grades: 10-12 (1) Term: 0.5 credit**

Students will learn that economics is about making choices and will consider how changing economic circumstances might affect their lifestyles. By the end of the term, students will be able to discuss the basic economic problems faced by consumers in American society; discuss how businesses make economic decisions; discuss ways people invest money to save for the future; and discuss how economic policy affects the individual, state, nation and world. **This class will meet 0.5 credit of the economics requirement.**

### **MICHIGAN HISTORY- Grades: 10-12 (1) Term: 0.5 credit**

This course will cover exploration and early settlements; the growing years; the versatility of what Michigan has to offer; the growth of the auto industry and industrialization; the state government and its functions; basic information about Michigan locations, highways and how to read a map. Upon completion of this course, the student will be able to understand how Michigan became what it is today; recognize the various functions of state governments, geographical influences, and effects of change; draw conclusions on current events and past history as they relate to everyday sources; realize his/her personal contributions to society; understand the elements in Michigan favorable to the growth of industrialization; know the geographical locations of at least 20 major areas; share a sense of pride in their state; know basic Michigan locations; and know how to read a map. **This class will meet 0.5 credit of the social studies elective requirement.**

### **PSYCHOLOGY- Grades: 11-12 (1) Term: 0.5 credit**

This course will be a comprehensive look at the theories, ideas, and beliefs of Psychology. It will compare/contrast different theories. It will look at the different cultures and how they relate to the historical, social, and technical view of psychology. The students will be asked to read and discuss the writings and theories. In addition to the readings, students will be expected to analyze and write about the Psychology, relate the historical and social views to the readings and compare or contrast to current situations in the world. They will be asked to relate the theories to real life situations and experiences. This course will combine interpretive, analytical and critical thinking for class discussion and writing. **This class will meet 0.5 credit of the social studies elective requirement.**

**SOCIOLOGY- Grades: 11-12 (1) Term: 0.5 credit**

Sociology examines how individuals, groups, and institutions interact to make up human societies. Students will learn about sociological perspectives, culture, social structures, and social inequality and study people and the roles they play in society, both as individuals and groups. **This class will meet 0.5 credit of the social studies elective requirement.**

**WORLD HISTORY & GEOGRAPHY A/B- Grade: 9 (2) Term: 1.0 credit**

This two trimester course will focus on the emergence of man and the spread of humans through the planet. Emphasis will be on non-European cultures and religions and how the geography of the region affected the civilization and the culture of the society. "A" will cover from classical Greek to the Age of Exploration; "B" will cover the discovery of America to the present. **This class will meet 1.0 credit of the World History I & II requirement.**

**U.S. HISTORY & GEOGRAPHY A- Grade 10 (1) Term: 0.5 credit**

This course will survey the development of the US from Pre-Columbian American to Appomattox, focusing on Native American societies, Age of Exploration, colonial development, The Revolution, sectional differences, the causes leading to the Civil War, and Reconstruction. Upon completion of this course, the student will be able to list the major physical regions of North America, describe the way of life of early Native Americans, order the steps by which the 13 English colonies became independent, describe the reasons for European exploration, and identify the major events influencing American expansion. **This class will meet 0.5 credit of the U.S. History I requirement.**

**U.S. HISTORY & GEOGRAPHY B- Grade 10 (1) Term: 0.5 credit**

U.S. History B traces the development of the US from 1865 focusing on Industrialization, Americans movement from isolation to world leadership, the Depression and WWII. It will survey the development of the Cold War, the reform movements of the 50's and 60's, Korea and Vietnam, different ethnic groups and the continuing expansion of civil and human rights. Upon completion of this course, the student will be able to demonstrate knowledge of people, events, ideas, institutions and historical movements; use visual aids such as charts, graphs, maps and photographs; demonstrate knowledge of cultural diversity and unity in American society; construct meaning by reading and gathering, interpreting, analyzing, synthesizing and evaluating information; compare and contrast the development of different regions of the United States; and demonstrate a knowledge of cause and effect in historical situations. The student will be able to develop an informed and reasoned commitment to human rights and equal dignity to all people; demonstrate knowledge of cultural differences between the generations of the 60's; compare and contrast a free society from a totalitarian one; demonstrate knowledge of the historical consequences of American influences throughout the world. **This class will meet 0.5 credit of the U.S. History II requirement.**

**US HISTORY & GEOGRAPHY C - Grade: 10 (1) Term: 0.5 credit**

US History C examines the historical roots of contemporary issues in late 20<sup>th</sup> Century American history. This course will use textbook readings, starting with post-World War II America to examine the spread of communism and a growing threat to Cold War alliances. Also, the impact of the Vietnam War on American culture and dramatic changes brought about by television, music and Sixties counterculture will be explored. Landmark Supreme Court decisions and presidential politics from Kennedy & Johnson to Nixon & Reagan will be examined in comparison to the Clinton, Bush and Obama eras. Topics such as social conformity promoted by mass media and cultural diversity driven by an expansion of human liberties and civil rights will be examined; immigration legislation, environmental activism, political conservatism and

economic globalization will be studied; and contemporary technologies from the space race to automobiles with tail fins to landing a man on the moon and the world wide web are included in this course. US History C examines eras from the baby boom generation to the decades of Gen X, Y & Z, from hippies to yuppies, from then until now using textbook assignments, making foldable activities, viewing PowerPoint presentations, and creating poster projects. **This class will meet 0.5 credit of the U.S. History I ~OR~ the U.S. History II requirement.**

**GLOBAL GEOGRAPHY- Grades: 10-12 (1) Term: 0.5 credit**

This course will cover the physical and cultural geography of the world. Using the five themes of geography, students will be able to think spatially about their surroundings. There is an emphasis on the increasing connectedness of people and places due to the influence of globalization on world trade, travel, communication, culture, and natural environment. **This class will meet 0.5 credit of the social studies elective requirement.**

**CURRENT EVENTS- Grades: 10-12 (1) Term: 0.5 credit**

This course is designed to give students a broader view of the world through current events. Students will explore important local, state, national, and international events and topics. Students will use various forms of media to help them examine this information. **This class will meet 0.5 credit of the social studies elective requirement.**

**LAW/PRACTICAL LAW - Grades: 11-12 (1) Term: 0.5 credit**

The purpose of this elective course is to introduce students to knowledge of law that will help them make decisions in their role as productive citizens. Students increase their knowledge of various types of law including criminal, civil, business, family, and juvenile. While acquiring new knowledge about law, students practice the skills of interpreting, organizing, and analyzing information. Emphasis is placed on activities, which foster the application of legal knowledge to making decisions about personal and public matter. **This class will meet 0.5 credit of the social studies elective requirement.**

**COUNTER CULTURE IN AMERICA- Grades: 11-12 (1) Term: 0.5 credit**

This course will analyze history from more of a cultural than political standpoint. Students will explore the ever changing culture of 20<sup>th</sup>-21<sup>st</sup> century America through perceptions of music, style, art, and identity. The course will trace the beginnings of many American countercultures and how mainstream America reacted and eventually embraced the new ideas. Counter cultures covered will include The Beat Generation, Rock-N-Roll, Hippies, Punks, and Hip-Hop. **This class will meet 0.5 credit of the social studies elective requirement.**

**HISTORY OF THE HOLOCAUST- Grades: 11-12 (1) Term: 0.5 credit**

The Holocaust is a tragic combination of general European and Jewish history. Topics studied in this course include the development of anti-semitism in Europe and the rise of Nazism, European Jewry in the interwar period, the Third Reich's treatment of the 'Jewish Question' in the 1930s, Jewish resistance, fate of the survivors, and implications of the Holocaust for contemporary society. Students will review primary and secondary resources, hear testimony from holocaust survivors, and will analyze propaganda used by the Nazi party. **This class will meet 0.5 credit of the social studies elective requirement.**

**THE HISTORY OF THE EARLY REPUBLIC 1789-1850- Grades: 11-12 (1) Term: 0.5 credit**

This course will analyze the History of the Early Republic in United States History covering the time period 1789-1850. The Eras that will be discussed are the Post-Revolution to Pre-Civil War. A variety of topics will be researched and emphasized: The Creation of the American

Republic, The Crisis of the 1790's, The Jeffersonian Republic, Women's Experience in the Early Republic, Economic and Political Change in the 1820's, The Birth of the Second Party System, Slavery and Slaveholding, Reform and Abolition, The Pro-Slavery Argument and Manifest Destiny, The West/War/Sectional Conflict, and the Compromise of 1850. There is no textbook for this course but supplementary readings will be used to direct the class outline and structure. A variety of learning styles will be addressed pertaining to independent study, lecture, cooperative learning, and research paper writing. **This class will meet 0.5 credit of the social studies elective requirement.**

**HISTORY THROUGH FILM- Grades: 11-12 (1) Term: 0.5 credit**

This course will use film to approach significant problems in history. Students will examine historical events by watching, discussing, and writing about movies. The films studied in this course will include historical themes such as slavery, apartheid, genocide, war, organized crime, and government corruption. This course will give students practical experience in critical analysis by evaluating full length feature films as historical evidence, use film as a means of motivating students to study selected topics in United States and global history, and improve students' research and writing skills through the assignment of critical essays on selected subjects that use film and traditional sources as evidence. **This class will meet 0.5 credit of the social studies elective requirement.**

**HISTORY OF INNOVATION- Grades: 11-12 (1) Term: 0.5 credit**

This course will be a historical examination of the broad scope of inventors over the course of world history, highlighting significant innovations and important contributions to mankind. From simple machines to design and manufacture, communication to transportation, science to energy to the internet, subjects of innovation will be introduced using technology chapters, PowerPoint presentations of hundreds of innovators, and internet research supporting projects of contemporary innovations and interest. **This class will meet 0.5 credit of the social studies elective requirement.**

**HUMANITIES- Grades: 11-12 (1) Term: 0.5 credit**

This course integrates the study of U.S. History and Cultures with literature of the cultures and time periods. The course is structured around the U.S. History and World History curriculum and literature which illustrates the various time periods. **This class will meet 0.5 credit of the social studies elective requirement.**

**MILITARY INNOVATIONS – Grades: 10-12 (1) Term: 0.5 credit**

This course will concentrate on the thirteen essential maxims of warfare. It will analyze how great commanders have exploited the weapons, technology, and military and social organizations available to them, and how they have applied universal principles to achieve victory. The course will examine how success or failure is usually dependent upon the quality of the military leadership that a people or a nation is able to command. Special emphasis on the revolution in warfare due to changed technology and to terrorist attacks. **This class will meet 0.5 credit of the social studies elective requirement.**

## Mathematics Department - Academic Offerings

### ALGEBRA IA & IB (Calculator allowed) - Grades: 9-12 (2) Terms: 1.0 credit

This class is a comprehensive first-year algebra program designed to meet state benchmarks.

Algebra 1A provides the foundations for functions and linear equations.

Algebra 1B (prerequisite – successful completion of Algebra 1A) examines polynomials, nonlinear functions, and data analysis. **This class will meet 1.0 credit of the Mathematics requirement.**

### GEOMETRY A & B- Grades: 9-12 (2) Terms: 1.0 credit

Prerequisite: Algebra IA & IB. An informal approach is used to recognize geometric figures and apply concepts. Students learn to draw conclusions by practicing skills, applying theorems and postulates, experimenting and reasoning from given facts without writing formal proofs. **This class will meet 1.0 credit of the Mathematics requirement.**

### ALGEBRA IIA & IIB- Grades: 10-12 (2) Terms: 1.0 credit

Prerequisite: Algebra IA & IB and Geometry A & B. A comprehensive program in second-year algebra developed for students who are mathematically oriented. Students use expressions, equations, functions and other algebraic concepts to solve problems and practice skills. (Calculator allowed) **This class will meet 1.0 credit of the Mathematics requirement.**

### FINANCIAL ALGEBRA A- Grades: 11 and 12 (1) Term: 0.5 credit

Recommendation: Successful completion of Algebra II. Course content will include real life situations such as dealing in the stock market, business organization, stock market data, simple moving averages, stock market ticker, transactions, fees, splits, and dividend income. Students will learn skills in modeling a business using scatterplots and linear regression, supply and demand, revenue functions and profit equations. Banking services including checking and saving accounts, reconcile of a bank statement, compound interest formulas, and future and present value of investments will also be covered. **This class will meet a 0.5 credit of the Mathematics requirement.**

### FINANCIAL ALGEBRA B- Grades: 11 and 12 (1) Term: 0.5 credit

Recommendation: Successful completion of Algebra II. Course content will include real life situations such as consumer credit including loans, credit cards, automobile ownership, buying and selling a car, automobile insurance, depreciation, driving data, and accident investigations. Students will also experience lessons in searching for employment, pay periods/hourly rates, commissions, royalties, piecework pay, benefits, social security, and Medicare. **This class will meet 0.5 credit of the Mathematics requirement.**

### INTEGRATED MATH- Grades: 10-12 (1) Term: 0.5 credit

This integrative math course helps students develop mathematical skills that enable them to solve problems and use reason and logic in math courses. Integrated Math gives an overview of the many mathematical disciplines. Topics will include number sense, operations, algebraic sense, introduction to probability, geometric figures, geometric movement, measurement, and probability. Content is expressed in everyday mathematical language and notations to help students learn to apply the skills in a variety of applications. **This class will meet 0.5 credits of the Mathematics elective requirement.**

**LIFE & EMPLOYABILITY SKILLS – Grades: 10-12 (1) Term: 0.5 credit**

As a high school student, you will soon enter the “real world” where you will live on your own. You will no longer be a child. YOU will be responsible to handle things that have been handled for you. Some of these things involve getting and holding a job. This class will discuss what students’ career options are. Other things involve mathematical computations, especially as they relate to money. Sometimes, students ask when they are ever going to use the math they learn in school; this class is designed to teach math skills you are most likely to use in real life.

**MATH SKILLS REVIEW- Grades: 10-12 (1) Term: 0.5 credit**

This course is designed to review students’ basic knowledge of mathematics. Students will work to enhance their fundamental skills of addition, subtraction, multiplication, division, exponents, fractions, percents, square roots, solving algebraic equations, and some basic Geometry formulas. **This class will meet 0.5 credits of the Mathematics elective requirement.**

**PERSONAL FINANCE- Grades: 10-12 (1) Term: 0.5 credit**

We all make personal financial decisions every day of our lives. Many of these decisions have a lasting impact. The primary goal of this course is to provide students with some basic personal finance tools and knowledge that will enable them to build the life they want. **This class will meet 0.5 credit of the Mathematics elective requirement.**

**THINKING MATHEMATICALLY- Grades: 10-12 (1) Term: 0.5 credit**

This course includes introductory treatments of sets, logic, number systems, number theory, and voting. Students will be exposed to these topics through a variety of real world projects and applications. **This class will meet 0.5 credit of the Mathematics elective requirement.**

**INTRODUCTION TO TECHNICAL DRAWING (DRAFTING) - Grades: 10-12 (1) Term: 0.5 credit**

Students will develop skills on the drafting board including freehand sketching, lettering techniques, basic technical drawing, basic orthographic projection, basic isometric drawing, and dimensioning. Introduction to Technical Drawing not only prepares students for the drafting field but also teaches them life skills such as job searching and resume and portfolio building. **This class will meet 0.5 credits of the Mathematics elective requirement.**

**INTRODUCTION TO CAD (COMPUTER AIDED DRAFTING) - Grades: 10-12 (1) Term: 0.5 credit**

Students will use techniques learned in Intro to Technical Drawing and apply them toward drafting on a computer program, hence Computer Aided Drafting. Students will learn advanced techniques such as hatching, layers, and polar coordinates. In the worlds of Engineering, Manufacturing, and Architecture, many of the design plans are created using computer programs, the skills learned in CAD will help you be one step above the competition. **This class will meet 0.5 credits of the Mathematics elective requirement.**

**PATTERNS, PUZZLES, AND CRYPTOLOGY- Grades: 10-12 (1) Term: 0.5 credit**

Students will explore various mathematical patterns that occur in nature. This includes ideas related to the Golden Ratio and the Fibonacci sequence. Students will also explore various mind puzzles and enhance their logic and problem solving skills. Lastly, the student will explore the field of cryptology, the study of “secret” codes, and finish the class by writing their own code and trying to break fellow classmates’ codes. **This class will meet 0.5 credits of the Mathematics elective requirement.**

## Career and Technical Education-Academic Offerings

### Off Campus—Career and Technical Education

#### GIRLS INTRODUCTION TO BUILDING RENOVATION- Lake Shore High School- Grades: 9-12 (1) Term: 0.5 credit

A new, one hour, one term hands-on class geared toward “the girls.” Ladies! Get the skills to repair, replace or maintain many items in one’s house. Change a light fixture, an electrical switch or outlet, even a garbage disposal. Learn to paint, repair a hole in drywall and change a faucet. Handle and read a tape measure like a pro. You will have the chance learn about and use over 30 hand and power tools. So many odd jobs will need to be done when you own a home, get those skills now in a fun and safe environment. There is NO Prerequisite! **This course will meet 0.5 credits of the general electives requirement.**

#### INTRODUCTION TO BUILDING RENOVATION- Lake Shore High School- Grades: 9-12 (1) Term: 0.5 credit

This is a one hour, one Term, hands-on Introduction class covering the many areas of construction and renovation. Beginning with hand and power tool safety and how to handle and read a tape measure. Then you will learn about and use over 30 hand and power tools. Practical hands-on work could include: electrical, hammering practice and rough framing, plumbing, drywall installation and repair, painting and finishing, project building, finish carpentry and more. Learn how your house is put together and how to take it apart to repair or replace something. Whether you are going into construction or not, these skills will be useful for the rest of your life. Get those skills now and have fun at the same time. **This course will meet 0.5 credit of general elective requirement.**

#### COSMETOLOGY I – Warren Woods - Grades: 11and 12 (3) Terms: 3.0 credits (Two Class Periods per Term)

Course content will include hairstyling, manicures, and pedicures. This is the first year of a two-year (1500 hour) state certified program. The curriculum is set up by the Michigan State Licensing Board of Cosmetology and covers all areas of Cosmetology, theory and skill training. Upon completion of Cosmetology II, the student is eligible to take the State Cosmetology examination and may apply for licensing (student must be 17 years old). Students will be required to attend an additional fourteen (14) days before the school year begins and fourteen (14) days at the end of the school year. **This course will meet 3.0 credits of general elective requirement.**

#### COSMETOLOGY II – Warren Woods - Grade: 12 (3) Terms: 3.0 credits (Two Class Periods per Term)

Prerequisite: Successful completion of Cosmetology I

Course content will include hairstyling, manicures, and pedicures. This is the second year of a two-year (1500 hour) state certified program. The curriculum is set up by the Michigan State Licensing Board of Cosmetology and covers all areas of Cosmetology, theory and skill training. Upon completion of Cosmetology II the student is eligible to take the State Cosmetology examination and may apply for licensing (student must be 17 years old). Students will be required to attend an additional fourteen (14) days before the school year begins and fourteen (14) days at the end of the school year. **This course will meet 3.0 credits of general elective requirement.**

## **Fine and Applied Arts Department - Academic Offerings**

### **BEGINNING DRAWING- Grades 10-12 (1) Term: 0.5 Credit**

This course will form an introduction to drawing and painting and present a thorough guide for the beginner through the use of line, texture, value color shape and space. Media in drawing includes use of pencil, pen and ink, pastels, and charcoal. Painting focuses on composition in oil, pastels, watercolor, acrylic, and tempera. Students will interpret through observation, various landscape and still life subjects. Aesthetics in art history will be introduced through the use of slides and videos. Included are critiques of professional and student work. **This class will meet a 0.5 credit of the Art elective requirement.**

### **INTERMEDIATE DRAWING- Grades 10-12 (1) Term: 0.5 Credit**

Intermediate Drawing will include deeper and more extensive exploration in this discipline. Each term builds a growing sophistication in the execution of drawing and painting and knowledge of the history of art as a means for individual expression applied to the individual student's course of study. **This class will meet a 0.5 credit of the Art elective requirement.**

### **DRAWING/DESIGN- Grades 10-12 (1) Term: 0.5 Credit**

Students will use various media to develop craftsmanship and refine technique. Each student will create a portfolio of two-dimensional media. This class will count toward the Fine and Performing Arts graduation requirement. This course is repeatable. **This class will meet a 0.5 credit of the Art elective requirement.**

### **ART 1 & 2- Grades 10-12 (1) Term: 0.5 Credit**

This course is an introduction to the elements and principles of design, elementary drawing and color. Students will intentionally use art material and tools effectively to communicate ideas, create artwork that uses organizational principles and functions to solve specific visual arts problems, and reflect upon the characteristics and assess the merit of one's personal artwork. **This class will meet a 0.5 credit of the Art elective requirement.**

## Physical Education & Health Department - Academic Offerings

### PHYSICAL EDUCATION- Grades: 9-12 (1)Term: 0.5 credit

Course content will include soccer, football, volleyball, basketball, bowling, speedball, badminton, softball, swimming, and fitness activities which may include circuit training. Students will learn that physical activity is an important part of a healthy life style. In each activity, skills, strategies and sportsmanship will be stressed. This is an activity-based class. Students must dress in appropriate attire to participate on a daily basis.

**This class will meet 0.5 credit of the Physical Education requirement.**

### AEROBICS- Grades: 10-12 (1) Term: 0.5 credit

Prerequisite: Successful completion of Physical Education. Recommendation: C or better in Physical Education. To repeat this course, a student must earn a C or better in Aerobics. Course content will include high and low impact exercise, step aerobics, power walking, jogging, resistance training, kickboxing, and circuit training. This class will teach students the value of a healthy exercise program. This is an activity-based class. Students must dress in appropriate attire to participate on a daily basis. **This class will meet 0.5 credit of the Physical Education elective requirement.**

### TEAM SPORTS- Grades: 10-12 (1) Term: 0.5 credit

Prerequisite: Successful completion of Physical Education. Recommendation: C or better in Physical Education. To repeat this course, a student must earn a C or better in Team Sports. Course content will include the games of basketball, soccer, speedball, touch/flag football, volleyball, and softball. This is an activity-based class. Students must dress in appropriate attire to participate on a daily basis. **This class will meet 0.5 credit of the Physical Education elective requirement.**

### HUMAN HEALTH- Grades: 9-12 (1) Term: 0.5 credit

Course content will include infectious diseases, sexuality, human relationships, nutrition, personal care, community health awareness, HIV/AIDS.

This class will teach students health education as the continuum of learning experiences, which enables people, as individuals and as members of social structures, to make informed decisions, modify behaviors, and change social conditions in ways which are health enhancing. Students will learn to obtain, interpret, and apply health information and services in ways that protect and promote personal, family, and community health. Students will learn how to take each lesson and incorporate it into their everyday life to obtain essential living skills for their life.

**This class will meet 0.5 credit of the Human Health requirement.**

## **Technology Department – Academic Offerings**

### **MICROSOFT IT ACADEMY – Grades: 9-12 (1) Term: 0.5 credit**

This course provides students with the technology skills they need to be successful in their education and careers. With Microsoft Certification, students can validate their skills that will be beneficial in a variety of career paths including engineering, business, and technology.