

ABOUT THE ENROLLMENT GUIDE

This enrollment guide has been assembled to aid the student in planning his/her program and in assessing an appropriate course of study.

Students should seek help in planning for the school year from the counselor, teachers, and parents. Certain subjects are thought to be so important to the student's education that they are required to be taken before the student is graduated; other courses are elective or the student's choice. Thought and time should be given to this selection because, in most cases, the student will be asked to honor the decisions s/he has made.

MINIMUM REQUIREMENTS FOR GRADUATION - GENERAL DIPLOMA

Trimester requires 29.0 credits for graduation prorated over 4 years—students can earn 30 credits in 4 years.

1. Four credits in English that must include English 9, English 10 and English 11.
2. Three credits in Social Studies that must include Civics/Economics, World History, and US History.
3. Four credits in Mathematics, including Algebra II.
4. Three credits in Science, including Integrated Science 9, Biology, and Chemistry.
5. One credit in Business Technology.
6. Two credits in Foreign Language (optional until Class of 2016)
7. One credit in Fine and Practical Arts.
8. One-half credit in College Readiness.
9. One credit in Physical Education/Integrated Health.
10. Electives: 9.5 required (with an additional 2 if no Foreign Language) Extra math, science, English, social studies, and foreign language courses count as elective credit.

REQUIREMENTS FOR GRADUATION WITH HONORS CERTIFICATION

Students of the Harbor Springs School District deserve the opportunity for an education that prepares them to successfully compete in colleges and universities with students from our nation's most prestigious high schools. The district accepts the responsibility of not only providing this opportunity, but also of providing our students the resources, motivation, and commitment necessary to accomplish this task. It is with this initiative at hand that the district adopts the policy of offering an Honors Certification to the graduates of Harbor Springs High School.

1. Four credits in English that must include English 9, English 10, English 11 and AP Language and Composition A/B/C.
2. Three credits in Social Studies, including Civics/Economics, World History, and US History.
3. Four credits in Mathematics, including Algebra II, and Pre Calculus or Calculus.
4. Four credits in Science, including Integrated Science 9, Biology, Chemistry, and Physics.
5. One credit in Business Technology.
6. One credit in Physical Education.
7. Two credits in Foreign Language study.
8. One credit in Fine and Practical Arts.
9. One-half credit in College Readiness.
10. One credit in any combination of: Human Anatomy/Physiology, Statistics & Probability, AP Calculus, or Physics C (or 4 credits of foreign language).
11. Electives: 8.5 required.
12. A cumulative grade point average of 3.5 or above.

STANDARDS FOR GRADE PROMOTION

Grade 10—6.5 credits earned

Grade 11—14 credits earned

Grade 12—22.5 credits earned

GRADING SCALE

100...93.5	A	79.5...82.4	B-	66.5...69.4	D+
89.5...93.4	A-	76.5...79.4	C+	62.5...66.4	D
86.5...89.4	B+	72.5...76.4	C	59.5...62.4	D-
82.5...86.4	B	69.5...72.4	C-	0...59.4	F

ADVANCED PLACEMENT PROGRAM (AP)

Harbor Springs High School offers the Advanced Placement Program of studies for talented students who are capable of doing college-level work while still enrolled in high school. Students taking AP courses are making a commitment to excellence and are required to take the advanced placement examination in May. There is an \$86 advanced placement examination fee that the student must pay prior to testing in May. If a student has difficulty paying the fee, he/she should contact the high school guidance office. Each year the College Board provides fee reductions for candidates who are unable to pay the full fee for each AP exam.

DUAL ENROLLMENT AT NORTH CENTRAL MICHIGAN COLLEGE

In order to be eligible for dual enrollment at North Central Michigan College, students must pass the Michigan Merit Exam (MME) with a level I or II in all areas. This test is mandatory for all juniors. Sophomores may take the PLAN test or PSAT to be eligible for dual enrollment as juniors. The grades earned in the college courses will count toward high school grade point average, athletic eligibility, and, in some cases, honors certification. Students failing a dual enrollment course will be billed for the course fee and prevented from taking additional college work.

DIRECT CREDIT

North Central and the Charlevoix-Emmet Intermediate School District have initiated a pilot project that will allow qualified high school students in Emmet, Charlevoix and northern Antrim counties to take certain high school courses for credit at both the high school and college level. Students attend class at their high school. Classes are taught by high school teachers who have been credentialed by North Central to serve as college instructors for these courses. Grades and credit are recorded on official, permanent North Central Michigan College transcripts for participating students. See your high school guidance counselor for details.

Direct Credit Eligibility:

To participate in direct credit, you must first meet the eligibility requirements of your high school. Work with your high school guidance counselor to find out if you qualify.

North Central Michigan College has the following requirements:

- You must be enrolled at the high school as a junior or senior and taking at least one high school course;
- You must apply to and be admitted by North Central;
- You must take the ACT or PLAN test and submit your scores to North Central;
- You must achieve these minimum test scores:

ACT	ENGLISH (WRITING) 18 or higher	READING 21 or higher	MATH 18 or higher
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THE VOCATIONAL CHOICE OR WORK EXPERIENCE PROGRAM

Those who wish to enter directly into the work force and do not plan to attend college or those students who wish to experience different fields of work are encouraged to enroll in vocational courses in their junior and senior years. Whether you select trade and technical fields or the commercial field to pursue, you will want to take those courses which will help you gain knowledge in that area.

DROPPING CLASSES

Student initiated drops must be made before the end of the first week into a trimester and the student must select another class. If a class is dropped after the one-week point in a trimester, an "F" will be recorded in the student's record and no credit given.

THE COLLEGE CHOICE

There are six factors used by most colleges when considering a student for admission: high school grade point average, test scores (ACT/SAT), class rank, subjects taken, recommendations, and extracurricular activities. High school grades are, by far, the single most important factor used in the decision-making process by college admissions officers.

According to the University President's Council of the State of Michigan, high school students entering public 4-year universities are strongly recommended to have completed the following units of study:

English	4 years
Math	4 years
Social Studies	3 years
Natural Science	4 years
Other recommended units:	
Foreign Language	2 years required, 3 years recommended
Computer Literacy	1 year hands-on experience
Fine/Performing Arts	2 years recommended

In order to best satisfy these requirements in Harbor Springs High School, we recommend that students follow the college prep program outlined on the following page, or complete the honors curriculum.

ACT ASSESSMENT
NATIONAL TEST DATES 2011-2012

September 10, 2011
 February 11, 2012

October 22, 2011
 April 14, 2012

December 10, 2011
 June 9, 2012

STUDENT ACTIVITIES

The following activities are available to students attending Harbor Springs High School. Students are encouraged to become involved in a variety of extra-curricular experiences. For more information on these activities, contact the person listed or anyone in the high school office.

<u>Time of Year</u>	<u>Activity</u>	<u>Contact Person</u>
Fall	Stratford Theater Trip	Mrs. Davis
Fall	Michigan Math Competition	Mr. Schultz
Fall	Michigan Youth in Government	Mr. Morse
Spring	Festival of the Arts & McCune Art Exhibit	Mr. Talcott
Spring	Musical	Mr. and Mrs. Lindsley
All Year	MME/PLAN/PSAT/ACT/SAT Testing	Mrs. Richardson
All Year	Student Council	Mrs. Dutcher
All Year	Community School	Mrs. Schumaker
All Year	Advanced Placement Testing, Dual Enrollment & STRIVE	Mrs. Richardson

ATHLETICS

<u>Fall</u>		<u>Winter</u>		<u>Spring</u>	
<u>Boys</u>	<u>Girls</u>	<u>Boys</u>	<u>Girls</u>	<u>Boys</u>	<u>Girls</u>
Cross Country	Cross Country	Basketball	Basketball	Track	Track
Football	Volleyball	Skiing	Skiing	Baseball	Softball
Soccer				Golf	Tennis
Tennis					Soccer

N.C.A.A. CLEARING HOUSE

Students who are interested in competing in college sports must register with the N.C.A.A. Clearinghouse. Students graduating in 2010 and later must complete 16 core courses and meet specific GPA and ACT score requirements. For more information, see Mrs. Richardson or log on to NCAAClearinghouse.net.

COURSE OFFERINGS BY SUBJECT AREA

ENGLISH COMMUNICATION

English 9 A & English 9 B (2 trimesters, 1 credit, grade 9, required)

English 9 is a survey course in basic skills, i.e., reading, writing, speaking, listening, and thinking. The required course includes units on grammar, literature, usage, journals and personal narratives, autobiographies, as well as emphasis on process writing and cross-text reading strategies -- both independently and as a class. Students will be given the basics of standard English language, reading and writing strategies, and comprehension skills. Speech communication skills will be integrated throughout the course.

English 10 A & English 10 B (2 trimesters, 1 credit, grade 10, required)

Prerequisite: English 9 A/B

This sophomore course will integrate English and world literature while supporting student growth in process writing skills, reading comprehension, and speech components. Students will learn critical thinking skills and demonstrate higher-level learning. Selections will include drama, poetry, fiction, and nonfiction, including but not limited to Beowulf, Macbeth, and Lord of the Flies. Students will also learn to analyze literature and write expository essays. The course is designed to improve oral and written communication.

English 11 A & English 11 B (2 trimesters, 1 credit, grade 11)

Prerequisite: English 9 A/B, and English 10 A/B

Major units of study include classic as well as contemporary works by American authors which trace our country's beginning,

progress through the Puritanical and Depression eras and recreate the fifties and sixties as well. This course emphasizes reading and analytical writing, along with vocabulary improvement. Evaluation is based on a portfolio of student works including essays, interpretive and creative pieces, and language development.

English 12 A & English 12 B (2 trimesters, 1 credit, grade 12)

Prerequisite: English 9 A/B, English 10 A/B, and English 11 A/B

Students will be exposed to a variety of American and World literature, including but not limited to “Death of a Salesman”, *Frankenstein* and the works of Edgar Allan Poe, in order to experience the genres of drama, novel, short fiction and poetry. Students will continue their application of the writing process they learned and utilized in all prior English courses but at a collegiate pace. Categorized as a college-preparation course, English 12 is a survey class that covers the gamut of writing, reading and speaking.

Applied English 12 A & Applied English 12 B (2 trimesters, 1 credit, grades 12)

Prerequisite: English 9 A/B, English 10 A/B and English 11 A/B

A course in persuasive communication, media studies, business writing, and communications skills used on the job. Study will include the history of communication and classical rhetoric, the evolution of communication through modern media, the theory and practice of persuasive communications, and the essential principles of effective professional and technical communication. The course will emphasize analytical skills by examining several areas of communication such as advertisements, websites, films, novels, and business communication. Writing, speaking, and reading will all be required evaluation components of the course.

AP Language and Composition A/B/C (3 trimesters, 1.5 credit, grade 12)

Prerequisite: English 9 A/B, English 10 A/B, English 11 A/B, and an ACT score of 24 in English and Reading

The AP Language and Composition course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Students will have the option to take the AP Language and Composition exam in trimester 3 for college credit. Refer to collegeboard.com for more information.

Journalism I (1 trimester, 0.5 credit per trimester, grades 10-12) (trimesters A or B only)

Prerequisites: English 9 A/B , or a recommendation from 8th grade English instructors

Journalism is an interdisciplinary, English writing course that combines creative and technical writing. Students will learn the fundamental genres of journalistic writing, such as news, feature, sports, opinion and review writing. With an emphasis on ethics and the law, students will understand the rights and responsibilities of the student press. Lastly, this course is career and technology-based, and students will learn industry standards such as In-Design, Photoshop, Slideshow and other movie-making programs

Journalism II A/B/C (3 trimesters offered however only A/B are required for the full credit, 0.5 credit, grades 10-12)

Prerequisite: English 9 A/B and Journalism I

This additional trimester explores advanced writing, photography and design. Each trimester varies in its focus, including mock press conferences, video-feeds, slideshows, column writing and photo essays. Students are expected to learn and apply the latest trends in journalism and embrace leadership positions. Publication and professional portfolios is also a key component of this course. Students receive extra points for published work in outside sources.

Creative Writing (1 trimester, .5 credit, grades 11-12)

Prerequisites: English 9 A/B and English 10 A/B

Like all *Creative Experience* courses, Introduction to Creative Writing is a hands-on experience in which students are actively engaged in the creative process. Beginning writers will write fiction, poetry, and drama. Features stressed are plot, point of view, audience, and figurative language.

MATHEMATICS

Math Basics (1 trimester, .5 credit [elective credit only], grade 9)

This remedial math class will include arithmetic, and other remedial math skills. Placement is by teacher recommendation only.

There are two sequences of mathematics classes for students to select.

MATH SEQUENCE 1 General Diploma

Math I A, Math I B, Math IC (3 trimesters, 1.5 credit, grades 9-10)

Math 1 A/B/C are trimester courses to include introductory Algebra I topics including working with real numbers, solving single

variable equations, and graphing linear functions—topics traditionally covered in Prealgebra. This will be the lowest level math course available for incoming freshman, and others not prepared for a traditional Algebra I course. Placement is by teacher recommendation.

Math II A & Math II B (2 trimesters, 1 credit, grades 10-12)

Prerequisite: Math I A/B/C or teacher recommendation

Math II will include topics of basic concepts of Algebra I inequalities and proofs, linear equations, polynomials, and rational expressions, and introductory Algebra II concepts. Students currently in Integrated Math proceed to this course.

Applied Geometry A & Applied Geometry B (2 trimesters, 1 credit, grades 11-12)

Prerequisite: Math I A/B

Geometry deals with concepts of the Euclidean plane and space. Topics will include parallel and perpendicular lines, congruent triangles, right triangles, circles, areas and volume, coordinate geometry, trigonometry, construction, and similar polygons. The focus in geometry is to introduce the student to formal proof and to give the valuable geometric background which is so important for application to other subjects. The student successfully completing this course should be ready to continue in Algebra II the next year.

Math III A & Math III B (2 trimesters, 1 credit, grades 10-12)

Prerequisite: Math II A/B

Math III will include irrational and complex numbers, quadratic equations, inverse equations, polynomial equations, analytic geometry, and exponential and logarithmic functions, and other topics traditionally covered in the first semester of Algebra II.

MATH SEQUENCE 2 College Preparatory

Algebra I A & Algebra I B (2 trimesters, 1.0 credit, grades 8-10)

Algebra I A is the first class of a 4-year sequence for the college-bound student; however, a major concern of Algebra I is to make sure that the program accommodates a wide range of student abilities and interests. The course covers topics such as operations with real numbers, solving linear equations, graphing relations and functions, systems of equations, factoring polynomials, rational expressions, radicals, and quadratic equations.

Geometry A & Geometry B (2 trimesters, 1 credit, grades 9-11)

Prerequisite: Algebra I A/B

Geometry deals with concepts of the Euclidean plane and space. Topics will include parallel and perpendicular lines, congruent triangles, right triangles, circles, areas and volume, coordinate geometry, trigonometry, construction, and similar polygons. The focus in geometry is to introduce the student to formal proof and to give the valuable geometric background which is so important for application to other subjects. The student successfully completing this course should be ready to continue in Algebra II the next year.

Algebra II A & Algebra II B (2 trimesters, 1 credit, grades 10-12)

Prerequisite: Geometry A/B

Algebra II will cover such topics as linear equations, polynomials, functions, rational expressions, analytic geometry, exponential and logarithmic functions, series and sequences, matrices and determinants, and trigonometry. It is important that the student acquire a high level of understanding of these topics in order to be ready for the fourth year of high school mathematics which is Precalculus. Since mathematics builds on previously learned symbols, concepts, and skills, it is important that the student view this course as necessary for any further development in mathematics in high school, trade school, or college.

Precalculus A & Precalculus B (2 trimesters, 1 credit, grades 11-12)

Prerequisite: Algebra II A/B

Precalculus will prepare the student for entrance into a college calculus course. Topics of study will include coordinate geometry, polynomials, functions, exponents and logarithms, trigonometric function, polar coordinates, conic sections, sequences and series, limits, and an introduction to calculus. This important class will lay the groundwork for any further study of mathematics in high school or college. Students who take this course in the 11th grade should then plan to take Calculus in the senior year.

AP Calculus A & AP Calculus B (2 trimesters, 1 credit, grade 12)

Prerequisite: Precalculus A/B

Introduction to Calculus is designed to give students an intuitive understanding of the basic concepts in calculus. Students should understand that this class will not be the same as that which would be found in Calculus I at the university level. The student should not be under the impression that it will be possible to side-step the first semester calculus course in college. Topics will include sequences and series, functions, logarithms, limits, continuity, differentiation, integration, and applications of the integral and derivative.

AP Calculus C (1 trimester, .5 credit, grade 12)

Prerequisite: B– or better in Calculus A/B

Students in AP Calculus should be aware that this is a college-level course culminating with the AP exam in May. A satisfactory score on the AP exam will, in most cases, result in college credit for the first semester of calculus. For further information visit collegeboard.com

Calculus A (first trimester) will provide the mathematical background needed for Calculus B and AP Calculus. Concepts are presented and explored from algebraic, graphical, and numerical perspectives. Students are expected to actively participate in the development of all concepts. Basic concepts covered include numerical patterns, polynomial and rational functions, complex numbers, analytic geometry, systems of equations, statistics and probability, limits and continuity, and trigonometry.

Calculus B and AP Calculus C will be primarily concerned with developing an understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed in multiple ways: geometrically, numerically, analytically, and verbally. The connections among these representations are also important. Through the use of the unifying themes of derivatives, integrals, limits, approximation, and applications and modeling, the course becomes a cohesive whole rather than a collection of unrelated topics.

Students and teacher use technology regularly to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. Each student should have a graphing scientific calculator. Cost and features vary (\$80-\$130). Suitable machines include the TI-83 Plus, TI-86, or TI-89, but other brands and models will suffice.

Statistics and Probability (1 trimester, .5 credit, grades 11-12)

Prerequisite: Algebra II

Probability will include the study of determining the likelihood of events occurring. Applications in gambling (i.e. lottery) and business models will be reviewed. Statistics concepts will involve the analysis of the central tendencies of data sets. Projects may include problems from biology (i.e. deer population studies), business (i.e. trends in car sales), or politics (i.e. election models). Students interested in pursuing careers in business or research should seriously consider this course. Many real-world scenarios will be used to develop the concepts in each area studied. This course will also provide practice with many of the concepts included on the Michigan Merit Exam.

Personal Finance A/B (2 trimesters, 1 credit, grades 11-12)

Prerequisite– 2 credits of math

This course will teach the skills necessary to make sound personal economic decisions: budgeting income; borrowing and buying on credit; choosing savings instruments, stocks, bonds, real estate and other investments; life insurance; annuities; buying or renting a house; and use of financial institutions.

*For eligible students, this course qualifies for NCMC Direct credit. **B 155, 3 credits**. Please refer to Direct Credit on page 2 of this enrollment guide for eligibility requirements.

SCIENCE

Integrated Science 9 A, Integrated Science 9 B & Integrated Science 9 C (3 trimesters, 1.5 credits, grade 9, required)

Prerequisite: Science 8

This science course sequence includes the investigation of topics from Earth Science, Chemistry, and Physics. Earth systems, the solid earth, the fluid earth, and earth in space and time will be studied for mastery of the core knowledge necessary for understanding and appreciating the world we inhabit. Chemistry topics studied will include atomic and molecular structure, chemical reactions, acids and bases, and introductions to nuclear and carbon chemistry. Motion, forces, and energy will be the focus of the physics units and will include the study of Newton’s laws of motion, simple machines, electric and magnetic forces, sound, heat, and electromagnetic energy.

Biology A & Biology B (2 trimesters, 1 credit, grade 10, required)

Prerequisite: Integrated Science 9 A/B/C

Biology is designed to help students see the **relevance** of biology in their everyday lives, to encourage them to **respect** the environment in which they live, and guide them in making **responsible** decisions as they continue to mature. These 3 Rs of biology affect every aspect of our everyday life encompassing a variety of issues from public health and the environment, to the ethics of medical care and genetic engineering. Ever-changing issues in our society, breakthroughs in science and discovery, and the application of what scientists study and research will clearly teach how these 3 Rs apply to students’ everyday lives.

Human Anatomy/Physiology (1 trimester, .5 credit, grades 10-12, recommended)

Prerequisite: Integrated Science 9 A/B/C and Biology A/B

Human Anatomy and Physiology explores the systems comprising the human body by emphasizing physiological mechanisms

and a thorough understanding of human anatomy. Inter-relatedness of skeletal, muscular, nervous, and circulatory systems will be a major focus of the course. This course is strongly recommended for those pursuing a career in the health sciences.

Physical Chemistry A & Physical Chemistry B (2 trimesters, 1 credit, grades 11-12)

Prerequisite: Integrated Science A/B/C, Algebra I A/B (or Integrated Math A/B/C)

In Physical Chemistry, you learn about different kinds of matter and how they act and react with each other. We study the elements and their compounds, gases, acids and bases, atomic structure, solutions, and calculations involving them. Knowledge of math is important in chemistry and you should expect to spend quite a bit of time doing chemical calculations in this course. On the other hand, you will also spend quite a bit of time doing experiments in the lab, and most people find that to be fun. Physical chemistry is very important for any future work in biology, chemistry, physics, medicine (including nursing), or engineering.

Chemistry A & Chemistry B (2 trimesters, 1 credit, grades 11-12, required)

Prerequisite: Integrated Science 9 A/B/C, Biology A/B, and Geometry A/B

This chemistry course fulfills the State of Michigan Chemistry requirement.

In chemistry, a review of elements, compounds, gases, acids and bases, atomic structure, solutions, and bonding will precede an intensive quantitative analysis of chemical reactions (stoichiometry and equilibrium). Many laboratory experiments will be included to offer practical experience in common lab techniques used in industries associated with chemistry. Students taking this class should either have completed Algebra II or be taking it concurrently. It is strongly recommended that students successfully completing this course complement their study of chemistry by enrolling in Advanced Chemistry Topics.

Physics A, Physics B (2 trimesters, 1 credit, grade 12*)

Prerequisite: Integrated Science A/B/C, Algebra II A/B (or Math II A/B/)

Physics is the most basic of the sciences. It deals with the way all things work, from tiny atoms to the solar system and the universe. In Physics, you will learn many of the laws of the physical world, of forces and motion, gravity, heat, light, sound, magnetism, and electricity. Math skills are very important in physics and you should probably be taking Precalculus or Calculus along with this course. Physics is essential for all future science and engineering students and a good idea for many other courses of study.

*Grade 11 students may enroll in this class with teacher recommendation.

Physics C (1 trimester, .5 credit, grade 12*)

This course will include the study of light and optics including lens, mirrors, reflection, refraction, and diffraction; electric charges and electric fields along with their interactions; magnetic forces, and the magnetic fields they produce; how moving electric charges produce magnetism; and the various forms of electromagnetic energy. Circuits and current electricity will also be discussed in this course. The study of electricity and magnetism is strongly recommended for those students pursuing a future in science or engineering. There will also be a focus on hands-on applications of physics including a variety of large-scale design projects.

*Grade 11 students may enroll in this class with teacher recommendation.

Ecology (1 trimester, .5 credit, grades 10-12)

Prerequisite: Integrated Science 9 and Biology.

This course provides an introduction to the field of environmental science. It is designed to treat environmental science as an interdisciplinary study, combining ideas and information from natural resources (such as biology, chemistry, and geology) and social studies (such as economics, politics, and ethics) to present a general idea of how nature works, how things are interconnected, and man's effects on the environment.

SOCIAL STUDIES

Civics (1 trimester, .5 credit, grade 9, required)

This one-trimester course is designed to strengthen students' knowledge of national, state, and local government in America. Students review philosophical foundations, structure, and functions of democratic government in the United States. They broaden their knowledge in legal rights, civic responsibility, political behavior, and practice making reasoned decisions about public policy.

Economics (1 trimester, .5 credit, grade 9, required)

This course is designed to be a basic introduction to the concepts and theories behind how individuals, groups, and nations use and dispose of their resources. It will involve analyzing the decisions people and societies make with their money (and other scarce resources) to design a budget. We will look at the building blocks of an economy along with various economic systems. The material will be presented in a variety of projects, simulations, and traditional forms. This is not specifically geared toward macro- or micro-economics. Instead, it will be an overview of economics in the individual home and on a national level.

World History/World Geography A & World History/World Geography B (2 trimesters, 1 credit, grade 10, required)

This course is a survey of world history that will help illustrate the differences and similarities of cultures throughout the world and throughout history. By exploring the past, students will be encouraged to explore its relevancy to the present. The course will cover the way man has lived, thought, believed, and expressed himself. The class uses essay, reading books (fiction, non-fiction), written reports, oral reports, and class discussions as a means of assessing student outcomes.

College Readiness (1 trimester, .5 credit, grade 11, required)

Math/Language ACT Prep—This class is designed to make students aware of, and comfortable with, the features and format of the ACT college entrance exam. Students will learn test-taking strategies and time-management skills. All students will take the equivalent of at least four full-length sample ACT exams during the course of this class and record their progress. They will review all of the math formulas, English grammar rules, scientific methods and models, and reading comprehension strategies using past ACT exams as practice. Students will be graded on attendance, participation, and completion of exams and some practice material.

NOTE: Students who have taken the ACT and have a minimum composite score of 29 prior to December of their junior year, may apply for course requirement exemption. Course exemption necessitates an ACT score reported to Harbor Springs High School and the completion of a career project prior to trimester two of the student's junior year.

United States History A & United States History B (2 trimesters, 1 credit, grade 11, required)

This course is a survey of US History from Reconstruction to the present. Its units of study include: Slavery-past and present; Industrialization, Big Business and Labor; Expansion, Building an Empire; Interventionism vs. Isolationism; Crisis and Politics; The Cold War; and Movements and Modern Day Struggles. Exploring natural rights and constitutional principles, students will assess past policy decisions and periods of social and political upheaval. Utilizing current events, primary sources, and historical non-fiction as a focal point, this course will refine critical thinking skills necessary for active citizenship.

Psychology (1 trimester, .5 credit, grades 11-12)

Psychology is the scientific study of the behavior of humans and other animals. Psychological facts and principals such as states of consciousness, memory, intelligence, development, sensory perception, and the study of personality and emotional behavior will be explored. The study of abnormal psychology and various psychological disorders will also be examined and students will study social behavior and the influences of various groups on an individual's decision-making ability.

Global Issues (1 trimester, .5 credit, grades 11-12), or grade 10 with teacher recommendation

Prerequisite: Civics/Economics

Global Issues is a course designed to challenge students to view global issues/challenges from an informed and insightful perspective. Students will analyze a variety of modern issues in the global community, as well as gain historical perspective, from world history components designed to coincide with issues discussed in class. Global Issues covers areas of study ranging from global warming and other threats to the environment, to in-depth analyses of modern conflicts in Africa and the Middle East. Students are also engaged in trimester studies of particular nations, with presentations dealing with unique topics of international significance, and current event discussions and analyses.

PHYSICAL EDUCATION

Required Physical Education A & Required Physical Education B (2 trimesters, 1 credit, grades 9-12, required)

The main focus in these courses is fitness for life. The Women's Resource Center presents Just the Facts as a part of our integrated health program and the students will view a variety of DVD's on such subjects as date violence, smoking, alcohol use, and bullying. Northern Michigan Hospital gives each student a health assessment including height, weight, body fat, flexibility, and strength. Journals/calendars will be kept to record the student's daily activities. Extensive weight room programs are provided and the student will have exposure to ply metrics, Bosu balls, stability balls and dance.

Cross Training / Advanced Physical Education (1 trimester, .5 credit, grades 10-12)

Prerequisite: Required Physical Education A/B

Leadership skills will be stressed. This course will focus on Plyometric training, weight room, agility, and cross training for the athlete involved in sports throughout the year. Each student will receive an individualized weight-training program. Students will work on jumping skills, form running, bounding, boxes, and explosive reaction drills to improve their overall athletic skills. The students are expected to use their time wisely, participate in all activities, and demonstrate their willingness to become athletic leaders. Students are encouraged to participate in any activity that enhances their possibility of reaching and maintaining a healthy lifestyle.

Health (1 trimester, .5 credit, grades 9-12)

Students will gain a greater understanding of the importance of their behaviour and choices in relation to their health. Topics covered will include: neurobiology (the how and why we learn); nutrition; physical activity; alcohol, tobacco, and other drug use (ATOD); safety: sexual health; social, emotional, mental health; and, personal health and wellness. The driving focus of the class will

be to turn the responsibility of a student's health over to the student. *Parents may opt their student out of the sexuality unit. Please see your health teacher's syllabus regarding the opt-out notification process. *This course can replace Required Physical Education A, meeting the State of Michigan's required health credit.

FINE AND PRACTICAL ARTS

Art (1 trimester, .5 credit, grades 9-12)

Develop a general understanding and appreciation of Art through exposure to art history, aesthetics, art criticism and art production. Work with a range of media, processes, and applications to gain personal experience.

Drawing I (1 trimester, .5 credit, grades 9-12)

Gain experience in use of graphite, colored pencil, charcoal, pastel, ink, and watercolor for representation of objects and space from direct observation. Practice expressive design for visual storytelling in montage, sequential images and image series. Activity will include focus on the elements and principles of design to refine visual understanding and communications. This is the foundation skills requirement for advanced art courses.

Drawing II (1 trimester, .5 credit, grades 9-12)

Prerequisite: Drawing and Painting

Continue development of illustration skill for accurate rendering of observed subjects and expressive design for visual communication. While refining use of basic tools and materials, students will expand breadth of experience with scratchboard, acrylic paint, and printmaking media.

Drawing III (1 trimester .5 credit, grades 9-12)

Prerequisite: Drawing II

Requires a written trimester plan to be submitted by the student and approved by the instructor. Use the following curriculum guidelines when formulating a proposal: (72 hours overall class time available) Life Drawing = 20 hours, Major Illustration project #1 = 15 hours, Major Illustration project #2 = 15 hours, Minor Illustration #1 = 5 hours, Minor Illustration #2 = 5 hours, Text based project = 5 hours, Portfolio development (product photography, photo editing, organization) = 7 hours

Painting I (1 trimester, .5 credit, grades 9-12)

Practice painting with a variety of mediums including watercolor, tempera, acrylic, and oil. Students will learn to select, prepare, and control materials for different purposes and desired outcomes. Focus will include working in small, medium, and larger scales on a variety of surfaces. Image style will be explored by viewing artwork from historical and contemporary sources. Projects will include a range of subject and communication goals.

Painting II (1 trimester .5 credit, grades 9-12)

Prerequisite: Drawing and Painting

Continue development of painting skill for accurate rendering of observed subjects and expressive design for visual communication. While refining use of basic tools and materials, students will expand breadth of experience with range of alternative surfaces for specialty products and printmaking applications.

Painting III (1 trimester .5 credit, grades 10-12)

Prerequisite: Painting II

Requires a written trimester plan to be submitted by the student and approved by the instructor. Use the following curriculum guidelines when formulating a proposal: (72 hours overall class time available) Life Drawing & Painting = 20 hours, Major Painting project #1 = 15 hours, Major Painting project #2 = 15 hours, Minor Painting #1 = 5 hours, Minor Painting #2 = 5 hours, Text based project = 5 hours, Portfolio development (product photography, photo editing, organization) = 7 hours

Pottery & Sculpture I (1 trimester, .5 credit, grades 9-12)

Practice 3-dimensional design and form-making processes for pottery and sculpture. Produce a variety of functional and expressive products using ceramic materials and techniques. Other materials such as plaster, paper, wood, stone, metal, and textiles will be explored as means for creating a range of sculptural forms. During this course students will study 3-dimensional products from historical and contemporary sources. Projects will include a range of purpose, function, subject, and communication goals.

Pottery & Sculpture II (1 trimester .5 credit, grades 9-12)

Prerequisite: Pottery & Sculpture

Continue development of 3-dimensional design and form-making skill for accurate rendering of observed subjects and expressive design for visual communication. While refining use of basic tools and materials, students will expand depth of experience with techniques for accomplishing aesthetic goals in product development.

Pottery & Sculpture III (1 trimester .5 credit, grades 10-12)

Prerequisite: Pottery & Sculpture II

Requires a written trimester plan to be submitted by the student and approved by the instructor. Use the following curriculum guidelines when formulating a proposal: (72 hours overall class time available) Life Drawing = 20 hours, Major 3-dimensional project #1 = 15 hours, Major 3-dimensional project #2 = 15 hours, Minor 3-dimensional #1 = 5 hours, Minor 3-dimensional #2 = 5 hours, Text based project = 5 hours, Portfolio development (product photography, photo editing, organization) = 7 hours

Graphic Art (6 trimesters, 3 credits - complete Graphic Art CTE course sequence, grades 10-12)

Graphic Art CTE-1 (1 trimester, .5 credit, grades 10-12)

Graphic Art CTE-2 (1 trimester, .5 credit, grades 10-12 prerequisite: Graphic Art CTE-1)

Graphic Art CTE-3 (1 trimester, .5 credit, grades 10-12 prerequisite: Graphic Art CTE-2)

Graphic Art CTE-4 (1 trimester, .5 credit, grades 11-12 prerequisite: Graphic Art CTE-3)

Graphic Art CTE-5 (1 trimester, .5 credit, grades 11-12 prerequisite: Graphic Art CTE-4)

Graphic Art CTE-6 (1 trimester, .5 credit, grades 11-12 prerequisite: Graphic Art CTE-5)

A 6-trimester, project-based curriculum that develops awareness and foundation skills in the range of applied visual design and communication fields. Media studies include: Photography, Graphic Design, Desktop Publishing, Product Design, and Multimedia Presentation. Course activities promote growth in visual understanding, project management, research and communications for designing, production, and business relations. The focus is primarily hands-on experience in design, communication, and product output using a variety of techniques and equipment from conceptual sketching, refined rendering, photography, and digital imaging, to print processing, binding, and packaging product for the consumer. Completers of the Graphic Art CTE course are accomplished in the use of Adobe Creative Suite software and peripheral equipment for image acquisition and output for both print and digital display.

Art/Design Senior Seminar (1 to 3 trimesters, .5 credit each, grade 12)

Prerequisite: Graphic Art CTE or other Advanced Art specialty sequence

This course is a capstone experience for students specializing within Art & Design opportunities. Focus is on advancing students' personal vision through design research, writing, and innovative design projects. For their final project, students will conduct visual and critical research that will culminate in a research paper and creative personal project. Students will develop an original body of work for school application or employment. This will culminate in a portfolio, identity package, creative statement, visual and career research, and a portfolio review.

Multi-Media Presentation A/B/C (3 trimesters, 1.5 credit, grades 10-12)

Prerequisite: Journalism I

This is a two-to three trimester creative communications course utilizing the latest in multi-media to document our daily lives. It features daily video announcements and digital yearbook as its key productions. Photography, video and design are the key disciplines. Students will also learn to design info-graphics, and develop techniques to conceptualize their ideas in a large scale project. Group projects will include mass marketing and practical application of business management.

Band A, Band B, & Band C (3 trimesters, 1.5 credit, grades 9-12)

Prerequisite: Audition

Students will study advanced instrumental ensemble literature as well as advanced levels of instrumental technique. Performances for this course are scheduled throughout the school year and include special concerts, district band festival, and solo/ensemble festival as well as Memorial Day and Fourth of July parades. Students are also members of the Ram Marching Band. High school band members are required to attend a one-week Marching Band Camp held late July/early August to prepare for the marching band season in the fall. Students should be prepared to attend all required rehearsals and performances. Every effort has been made in advance to avoid all conflicts with other school-related activities, including athletics. Special trips and tours will be planned in advance with notification to parents and students.

BUSINESS

Business Technology A & Business Technology B (2 trimesters, 1 credit, grade 9, required)

This course prepares individuals for success in emerging and traditional occupations within business and computer technology. Areas of instruction include customer service, operating systems, computer applications, minor troubleshooting skills, communications, presentation skills, human relations, job application and interview, global economy, and additional skills needed by successful business professionals. Word processing, spreadsheets, database, and presentation software are mastered in addition to Internet research, proofreading, composition, and communication competencies.

Management Support A & Management Support B (2 trimesters, 1 credit, grades 10-12)

Management Support is designed to provide students with the advanced technical and presentation skills required of management support personnel in today's business/office environment. To be successful and productive, employees in today's business world

must not only possess advanced level technical/applications skills, they must also be capable of the higher-level thinking skills required in the design and creation of documents and procedures. Students will also use technology to explore important issues related to globalization and its impact on the American worker. *For eligible students, this course qualifies for NCMC Direct credit, **OAS 252, 3 credits**. Please refer to Direct Credit on page 2 of this enrollment guide for eligibility requirements.

FOREIGN LANGUAGE

Spanish I A & Spanish I B (2 trimesters, 1 credit, grades 9-12)

Students will gain a basic understanding of the Spanish language through listening, speaking, reading, and writing. With an emphasis placed on verbal skills, students will learn to communicate in a variety of situations. Additionally, this course will provide an understanding of the geography, culture, and customs of Spanish-speaking people.

Spanish II A & Spanish II B (2 trimesters, 1 credit, grades 10-12)

Prerequisite: Spanish I A/B

In Spanish II, students will build upon the skills acquired in Spanish I. Students will continue to learn new vocabulary while refining listening and speaking skills. Various grammar structures and verb tenses will be introduced. The history, art, and culture of the Spanish-speaking countries will continue to be a focus.

Spanish III A & Spanish III B (2 trimesters, 1 credit, grades 11-12)

Prerequisite: Spanish II A/B

Spanish III will continue to focus on refining and improving the four main components of language study: reading, writing, listening, and speaking. Students will continue to learn new vocabulary and grammar structures as well as review the major concepts from Spanish II. Students will be introduced to Spanish literature through the use of poems, short stories, and plays.

Spanish IV A & Spanish IV B (2 trimesters, 1 credit, grades 12, occasionally offered)

Prerequisite: Spanish III A/B

Spanish IV offers students the opportunity to continue their study of Spanish grammar and literature. Students will review all major tenses with an emphasis on the subjunctive tense. Students will continue to be exposed to Spanish culture through the study of art, music, and architecture.

French I A & French I B (2 trimesters, 1 credit, grades 9-12)

The course is designed to develop skills in all four areas of language learning (speaking, reading, listening, and writing). Students gain an understanding of grammar structure and introductory vocabulary. Oral skills are developed through dialogues and class discussion. An appreciation of the culture of the French people is gained through class discussion, projects, and the reading of simple materials.

French II A & French II B (2 trimesters, 1 credit, grades 10-12)

Prerequisite: French I A/B

This course is designed as a continuation of French I. Students will continue to develop speaking, reading, listening, and writing skills. A greater breadth of vocabulary will be taught. Students will master the past tense, the imperative, and reflexive verbs as well as continue focusing on the Francophone world.

French III A & French III B (2 trimesters, 1 credit, grades 11-12)

Prerequisite: French II A/B

In French III, students will continue to build on skills obtained in previous levels. Conversation will be stressed as well as reading and writing activities. In this class, students will learn the imperfect tense, the future and conditional tenses, and the subjunctive mood. Additionally, cultural activities and readings in the target language will be an integral part of the class.

French IV A & French IV B (2 trimesters, 1 credit, grade 12)

Prerequisite: French III A/B

French IV is an advanced level language class designed to synthesize the skills learned in previous levels. Throughout this course, students will practice extensive reading, writing, listening, speaking activities. In addition, students will review and refine the imperfect, pluperfect, future, conditional, and subjunctive tenses. Cultural activities will be stressed through discussion, projects, and film study.

Anishinaabemowin A, Anishinaabemowin B & Anishnaabemowin C (3 trimesters, 1.5 credit, grades 9-12)

Anishinaabemowin is the language of the first people. A partnership between the LTBB Ana Language Project and Harbor Springs Public Schools provides language instruction and historical language preservation for all students interested in the Odawa

language. This level 1 class will focus on emergent language skills in speaking, reading, listening, and writing. Students will participate in a language preservation initiative as well as gaining understanding of the grammatical structure and introductory vocabulary. Oral skills will be developed through dialogues and interaction with fluent adults in addition to the instructor. An appreciation of the culture and history of the Odawa people will also be taught.

INDUSTRIAL ARTS

Beginning Woodwork A, Beginning Woodwork B, and Beginning Woodwork C (3 trimesters, 1.5 credit, grades 9-12)

This class is for students interested in woodworking, construction, and related fields. Students will learn woodworking skills and practice good workplace behaviors as they build a series of three projects. With each new project, students will learn assembly methods and will practice the safe use of hand tools, power tools, and woodworking machinery.

Furniture Making A, Furniture Making B, and Furniture Making C (3 trimesters, 1.5 credit, grades 9-12)

Prerequisite: Beginning Woodworking A/B/C

This class is designed for students who have completed Beginning Woodworking and want to select and build their own projects. Students will advance woodworking skills already acquired and learn new skills as they build a project or projects of their choice from prepared plans. Scheduling, effective work habits, cooperation, and safety will be emphasized. This class can be taken more than one year and can also be selected for more than one hour of a school day.

Advanced Furniture Making A, Advanced Furniture Making B, and Advanced Furniture Making C (3 trimesters, 1.5 credit, grades 10-12)

Prerequisite: Furniture Making A/B/C

Advanced Furniture Making students will have the option to design and build furniture. They will also begin the collection of their own woodworking tools and learn the care and sharpening of their tools. This class can be taken more than one year and can also be selected for more than one hour of a school day.

Drafting and Design A, Drafting and Design B, and Drafting and Design C (3 trimesters, 1.5 credit, grades 9-12)

Students will learn the language and basics of sketching and drafting. As their knowledge improves, they will have the opportunity to apply the knowledge by using a computer-aided drafting (CAD) program. During the final marking period, they will design and draw projects using CAD.

3-D CAD A, 3-D CAD B, and 3-D CAD C (3 trimesters, 1.5 credit, grades 10-12)

Prerequisite: Drafting & Design A/B/C

Students will use a 3-D CAD program to draw mechanical components in three dimensions. They will learn how to create, modify, section, and render solid and sheet metal parts. The second trimester will focus on combining parts into assemblies and then editing assemblies. Students will also learn how to place their parts and assemblies into draft documents.

Advanced 3-D CAD A, Advanced 3-D CAD B, and Advanced 3-D CAD C (3 trimesters, 1.5 credit, grades 11-12)

Prerequisite: 3-D CAD A/B/C

Students will build on their 3-D drawing skills as they learn kinematics where motion is added to an assembly. They will learn to edit components in an assembly to allow for motion and will learn how to develop the tolerances necessary for motion.

Architectural Drafting A, Architectural Drafting B, and Architectural Drafting C (3 trimesters, 1.5 credit, grades 10-12)

Prerequisite: Drafting & Design A/B/C

This class is designed for students interested in all phases of construction and interior design. Students begin by learning the conventions of architectural drawing. The students will then use a CAD program to design and draw a set of blueprints for a house, then construct a structural model.

Advanced Architectural Drafting A, Advanced Architectural Drafting B, and Advanced Architectural Drafting C (3 trimesters, 1.5 credit, grades 11-12)

Prerequisite: Architectural Drafting A/B

This course helps students further develop their knowledge of residential design and construction. After reviewing the language and conventions of architectural drafting, students will draw a complete set of plans for a house of their own design. From their plans, students will then create a structural model with complete exterior and landscape detail. This class focuses on developing the visualization skills required for careers in construction, architecture, and landscaping.

OTHER

Resource Room/Learning Center—(credit by IEP only)

This is a special education classroom for students identified as educationally handicapped. The students must be referred, evaluated through a multi-disciplinary evaluation team, and placed in the program through an individualized educational planning committee. All special education placements are by IEP request only.

VOCATIONAL

Technology Intern I A/B/C—(3 trimesters, 1.5 credit, grades 10-12)

This experience will introduce students to working in the Information Technology (IT) field. Students will learn and apply IT concepts in various areas of the Harbor Springs School District's Local Area Network (LAN), Wide Area Network (WAN), and Wireless Local Area Network (WLAN). Concepts learned will revolve around basic Support Services like troubleshooting individual Personal Computers (PC's), troubleshooting Network Administration issues with servers, and troubleshooting Network Engineering issues with the network infrastructure. (By Application Only)

Technology Intern II A/B/C—(3 trimesters, 1.5 credit, grades 11-12)

Prerequisite: Technology Intern

This experience will expand on the Basic class and introduce more specific curriculum to students in their IT area of choice. A+ Certification will be the focus of this class, which will focus on the Support Services of Personal Computers (PC's). Students will finish this class by taking the Software and Hardware exams for A+ Certification. (By Application Only)

Technology Intern III A/B/C—(3 trimesters, 1.5 credit, grades 11-12)

This experience will continue to expand on A+ Certification and offer students the education needed to achieve Microsoft Certification in Windows Server 2008. These students will serve as technical leads in the District and have the ability to offer support to end-users, while working on advanced Certifications. (By Application Only)

The following vocational courses are offered cooperatively with and taken at Petoskey High School. See Mrs. Richardson for more information if you wish to take one of these vocational classes.

AUTOMOTIVE SERVICE I—(2 periods/day, 2 sem, 2 cr, grades 11-12)

AUTOMOTIVE SERVICE II—(2 periods/day, 2 sem, 2 cr, grade 12)

COMMERCIAL FOODS I—(2 periods/day, 2 sem, 2 cr, grades 11-12)

COMMERCIAL FOODS II—(2 periods/day, 2 sem, 2 cr, grade 12)

MEDICAL OCCUPATIONS I—(2 periods/day, 2 sem, 2 cr, grades 11-12)

MEDICAL OCCUPATIONS II—(2 periods/day, 2 sem, 2 cr, grade 12)

BUILDING TRADES I—(2 periods/day, 2 sem, 2 cr, grades 11-12)

BUILDING TRADES II—(2 periods/day, 2 sem, 2 cr, grade 12)