

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.

GRADUATION REQUIREMENTS—PHASING IN THE STATE REQUIREMENTS

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

Class of 2010	Class of 2011	Class of 2012	Class of 2013	General Diploma
4	4	4	4	Language Arts, including English 9, and English 10
4	4	4	4	Mathematics, including Algebra II
3	3	3	3	Science, including Science 9, Biology, Chemistry
3	3	3	3	Social Studies, including World History, Civics/Economics, US History
1	1	1	1	Business Technology
1	2	2	1	Foreign Language (optional until Class of 2016)
1	1	1	1	Fine and Practical Arts
1	1	1	1	Physical Education/Health
0.5	0.5	0.5	0.5	College Readiness
9	9.5	9.5	9.5	Electives (with an additional 2 if no Foreign Language)
27.5	29	29	29	Required for graduation (30 possible)

Class of 2010	Class of 2011	Class of 2012	Class of 2013	Honors Diploma—GPA of 3.5 or above
4	4	4	4	Language Arts, including English 9, English 10, and College English
4	4	4	4	Mathematics, including PreCalculus or Calculus
4	4	4	4	Science, including Science 9, Biology, Chemistry, and Physics
3	3	3	3	Social Studies, including Civics/Economics, World History, and US History
1	1	1	1	Business Technology
2	2	2	2	Foreign Language
1	1	1	1	Fine and Practical Arts
1	1	1	1	Physical Education/Health
0.5	0.5	0.5	0.5	College Readiness
1	1	1	1	1 credit in any combination of: Human Anatomy/Physiology, Statistics & Probability, AP Calculus, AP Language, or Physics C
7.5	8.5	8.5	8.5	Electives
28.5	30	30	30	

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...77.6.4	C	59.5...62.4	D-
82.5...86.4	B	69.5...72.4	C-	0...59.4	F

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.

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.

TEACHER E.MAIL

Staff may be reached via e.mail at "firstinitiallastname@harborps.org" (i.e. sjacobs@harborps.org).

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 2009-2010**

September 12, 2009
February 6, 2010

October 24, 2009
April 10, 2010

December 12, 2009
June 12, 2010

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. Seacord
Fall	Michigan Math Competition	Mr. Schultz
Fall	Michigan Youth in Government	Mr. Morse
Spring	Festival of the Arts & McCune Art Exhibit	Mr. Talcott

<u>Time of Year</u>	<u>Activity</u>	<u>Contact Person</u>
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. Zoerner
All Year	Advanced Placement Testing, Dual Enrollment & STRIVE	Mrs. Richardson

ATHLETICS

<u>Fall</u>		<u>Winter</u>		<u>Spring</u>	
Boys	Girls	Boys	Girls	Boys	Girls
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

Speech communication is an integral part of English 10. This sophomore class will integrate the best of world literature with speech components, while supporting student growth in process writing skills and reading comprehension. Students will learn critical thinking skills and demonstrate higher-level learning. Selections will include drama, poetry, fiction, and nonfiction. Students will also learn to analyze literature and write expository essays. The course is designed to improve oral and written communication.

English Literature A & English Literature B (2 trimesters, 1 credit, grades 11 and 12)

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

Major units of study include classic works from the Anglo-Saxon, Medieval, and Renaissance periods, along with Romantic and Victorian poetry and contemporary writings. This course emphasizes reading, writing, and organizational skills geared toward the college-bound student. Evaluation is based upon objective and essay exams, an interpretive project, and a notebook of student assignments each card marking.

American Literature A & American Literature B (2 trimesters, 1 credit, grades 11 and 12)

Prerequisites: English 9 A/B, 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.

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

Prerequisite: American Literature A/B and/or English Literature A/B

College English prepares seniors for the reading, writing, research requirements, and the level of thought/analysis of college. Students will write a variety of subjective and objective essays and learn/practice techniques for writing essay exams. Concurrently, the seniors will read and review several classics (John Steinbeck's The Grapes of Wrath, William Shakespeare's Hamlet) which are

subject to change in order to better prepare them for the reading required at the college level. The class will culminate when students will learn the two major documentation systems used at universities today through filtered research writing and thematic exploration.

AP College English C (1 trimester, .5 credit, Grade 12)

Students will be prepared to take the AP writing test.

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

Prerequisite: English 9 A/B and English 10 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.

News Writing I (1 trimesters, 0.5 credit, grades 10-12)

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

News Writing 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 importance of the student press. Journalism is also career- and technology-based, as students learn industry standards such as In-Design, Photoshop, and Illustrator. Students will explore other aspects of the field of journalism and broadcast journalism. Featuring guest speakers and monthly publications, this course's end products are important tools to a school and its community.

News Writing II (1 trimester, 0.5 credit, grades 10-12)

Prerequisite: English 9 A/B and News Writing I

This class can be taken for multiple trimesters. It will explore Advanced News Writing options and topics. Each trimester has different portfolio expectations, including writing, photography, design, and published criteria.

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

The purpose of this course is to help students develop confidence and important life skills such as oral communication and working with others. Students will learn how to examine and organize information and deliver this information in an effective manner. Students will also learn how to effectively incorporate visual and audio aids into both informational and persuasive speeches. In addition to this, students will build an appreciation of theater through improvisation, play analysis, and character-building techniques. Students will explore relationships and issues by acting out situations and developing an awareness of body language

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.

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

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

This course is designed to enhance student knowledge of classic mythology and make connections to its use in today's world. Units covered include the gods, creation and the earliest heroes, stories of love and adventure, the heroes of the Trojan war, the great families of mythology, and the mythology of the Norsemen. Today's vocabulary and advertising will be analyzed as they relate to these myths.

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.

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.

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 SEQUENCE 2 College Preparatory

Algebra I A, Algebra I B, & Algebra I C (3 trimesters, 1.5 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.

Calculus A & 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.

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 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.

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

Prerequisite: Algebra II

Applied Trigonometry is an application-based math course. This course will cover basic right-triangle trigonometry along with real-world applications of these concepts. It will also study concepts of the six basic trig functions and their graphs. We will also study non-right triangle trigonometry. Trig is essential for all future science and math students and a good idea for many other courses of study, as well as many different career options.

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.

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

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

In Chemistry, you can 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. Chemistry is really important for any future work in biology, chemistry, physics, medicine (including nursing), or engineering.

Honors Chemistry A & Honors Chemistry B (2 trimesters, 1 credit, grades 10-12)

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

Honors Chemistry fulfills the State of Michigan Chemistry requirement.

In Honors 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.

Advanced Chemistry Topics (1 trimester, .5 credit, grades 11-12, recommended)

Prerequisite: Chemistry A/B

Advanced topics in chemistry covered in this 12-week course will include carbon (organic) chemistry, nuclear chemistry, and an advanced study of atomic and molecular bonding. This course is recommended for those students considering a career in any field associated with physical or life sciences.

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

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

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 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.

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

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

Prerequisite: Biology A/B

Forestry management and forest ecology will be the focus of study in this introductory course of environmental science. Forestry will be treated as an interdisciplinary study combining ideas and information from natural resources (biology, chemistry, and geology) and social studies (economics, politics, and ethics) to present a general idea of how man and nature are dependent on each other. Visits to the school forest may be included to provide many hands-on learning experiences.

Environmental Science: (1 trimester, .5 credit, grades 11-12)

Prerequisite: Integrated Science 10 or Physical 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.

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.

Contemporary Law (1 trimester, .5 credit, grade 12)

The Contemporary Law course gives the student practical information and problem-solving opportunities to develop knowledge and skills necessary for survival in our law-saturated society. Students become participants in their own education through mock trials, court and jail tours, and guest speakers. Current issues facing our legal system are discussed and debated throughout the semester. Goals include: (1) practical understanding of law and the legal system; (2) fundamental principles and values underlying our Constitution, laws, and legal system; (3) current issues and controversies relating to law and our legal system; (4) citizen participation in our legal system; (5) knowledge of justice, tolerance, and fairness; (6) presentations of the roles that law, lawyers, law enforcement officers, and the legal system play in our society; (7) conflict and dispute resolution through formal and informal mechanisms; (8) basic skills, including critical thinking and reasoning, and problem solving; and (9) exposure to potential careers in the legal system.

Personal Economics / Finance (1 trimester, .5 credit, grade 12)

Students gain practical experience and develop a deeper understanding of how economics is involved in world events, country and state events, and how it affects their daily lives as they prepare for the future. The class emphasizes current events to help the student see economics as a way of thinking. Activities create a general appreciation of how economics affects them as citizens. The goals are: (1) understand the fundamentals of economics; (2) see the correlation between global economic issues and their personal lives; (3) evaluate the role of our government in economics; (4) analyze current economic issues and discuss solutions; and (5) develop a plan for their future with regard to careers, financial planning and budgeting, and consumer decision-making. This class provides students with information appropriate for their developmental transitional state as they prepare to meet the challenges they will face after graduation.

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, US History

Global Issues is a course designed to challenge students to view global issues/challenges from an informed and insightful per-

spective. 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 plyometrics, 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.

FINE AND PRACTICAL ARTS

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

This course introduces a variety of media and experiences in the visual arts. Students work with many materials and methods in the areas of drawing, painting, printmaking, sculpture, ceramics, and papermaking. Product and graphic design will be practiced in relationship to both studio and commercial art. While art production is the center of our studio activity, we will also focus on the relationship of the arts and life as illustrated through art history, and will develop skills in art criticism along with aesthetic awareness.

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

Prerequisite: Art I A/B, and instructor approval

This course builds on experiences in Art I to further develop skills in the fine arts. Students will work with many materials and methods to produce two- and three-dimensional products in a variety of artistic styles. Choice making will be required for personal expression within the criteria of each assignment. Digital photography and printmaking will be practiced to create a high quality presentation portfolio. While art production is the center of our studio activity, we will also focus on the relationship of the arts and life as illustrated through art history, and will continue to develop skills in art criticism along with a personal sense of aesthetics.

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

Prerequisite: Art II A/B, with a 3.0 Art Department GPA minimum, instructor approval, and a written plan of intent

An opportunity for individuals who are inspired to create fine art to continue their personal artistic growth by studying art history while developing a portfolio of work for presentation. Focusing on a variety of subject matter and art styles (from assigned choices), the artist will choose media and technique for each project. Requirements for each 12-week trimester will include developing a plan, organizing resources, and presenting a portfolio of current products.

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

Prerequisite: Art III A/B, with a 3.0 Art Department GPA minimum, instructor approval, and a written plan of intent

Artists will focus on an advanced level of independent art projects in media of personal choice. Individuals are encouraged to develop their own preference of art style and expected to clearly communicate intent and reason for design decisions. All artwork must be prepared for presentation by the end of each grading period. Requirements for each 12-week trimester will include developing a plan, organizing resources, and presenting a portfolio of current products.

Graphic Art I A, Graphic Art I B & Graphic Art I C (3 trimesters, 1.5 credit, grades 10-12)

Prerequisite: Art I A/B

Graphic Art provides an overview of the applied visual arts being used by business and consumer audiences in the areas of graphic design, desktop publishing, industrial/product design, environmental design, video production, and multi media presentation.

Students will practice traditional techniques of illustration, lettering, lay-out, printmaking, photography, drafting, and model-making to communicate ideas visually. Computer graphic programs will be used to assist in design activities, organization, and presentation of designs. Along with the studio experiences, students will focus on related art history, art criticism, and aesthetics. This course provides design experiences and skill development that will help the student progress toward a potential career in this growing, rewarding, and challenging field of work.

Graphic Art II A, Graphic Art II B & Graphic Art II C (3 trimesters, 1.5 credit, grades 11-12)

Prerequisite: Visual Imaging I A/B or Graphic Art I A/B/C

Building on the Visual Imaging I experience, this course is designed to provide students with a review of visual art career areas along with visual imaging work experiences in a customer service situation, and directed exploration of a specialized media area. As members of the HSHS Visual Imaging Department, students will practice working as a team to fulfill client requests and business transactions while developing advanced skills in graphic design, desktop publishing, printmaking, and multimedia production. Other applied art media experience will be obtained by working through course objectives in the student's chosen area of concentration (illustration, graphic design, photography, product design, environmental design, video production, multi-media presentation). Products from both areas of focus will be represented in the student's final portfolio. Course activities will strengthen design and presentation skills and help the student progress toward an entry-level position in this field of work.

Graphic Art III A, Graphic Art III B & Graphic Art III C (3 trimesters, 1.5 credit, grade 12)

Prerequisite: Graphic Art II A/B/C

Extending on Graphic Art II experience, students will continue development of technical and interpersonal skills used in business and production facilities. This course offers opportunity to develop a senior capstone project, expand the range of technical expertise, and continue involvement in Graphic Art Department projects and exhibitions. The student's portfolio and resumé will be refined for use in assorted applications related to individual post-graduation planning.

Yearbook A, Yearbook B, & Yearbook C (3 trimesters, 1.5 credit, grade 10-12)

Develop interpersonal and technical skills while working as part of the Rampage Publishing Staff. The yearbook project is a hands-on business experience in desktop publishing and fund-raising. Effort will focus on journalistic writing and photography, page layout and construction, along with advertisement and publication sales. These responsibilities will require time-on-task outside of the classroom after school and during some lunch periods. Emphasis is placed on individual responsibility to the team effort and completion of quality work by planned deadlines for yearbook production.

Trimester #1 – Advertisement sales, Rampage book and DVD sales, fall section photography, writing, page layout, proof-reading/editing. Trimester #2 – Advertisement sales and section publishing, winter section photography, writing, page layout, proof-reading/editing. Trimester #3 – Spring section photography, journalistic writing, page layout, proofreading/editing, Rampage DVD element production, book and DVD sales promotion.

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.

Concert Choir A (1 trimester, .5 credit, grades 9-12)

Concert Choir is an introductory vocal music group for all high school students. This class is designed to service all students who desire to learn to sing outstanding choral literature. Emphasis is placed on learning to read music, understand music theory, vocal production, rehearsal etiquette, and performance techniques. Advanced singers may also sing with this ensemble if they wish to have a year of choral participation.

Harbor Springs Singers B and Harbor Springs Singers C (2 trimesters, 1 credit, grades 9-12)

Prerequisite: Concert Choir A and /or instructor approval

The Harbor Springs Singers choral ensemble is intended for students who wish to excel in the study of vocal music. The class focuses on correct vocal production and performance techniques for the soloist and choral member. A wide variety of music - from Renaissance to Broadway - in four-part harmony is rehearsed and performed. Placement in this choir is by audition that takes place in the spring or at the discretion of the director.

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.

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

Learn accounting basics that will allow you to work for yourself or gain the necessary skills for entry-level jobs at area firms. Foundation skills in accounting are valuable for students pursuing business-related degrees beyond high school. Manual and computerized techniques are utilized to master concepts and procedures necessary to understand the accounting cycle.

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 (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 and 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 Woodworking A & Beginning Woodworking B (2 trimesters, 1 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 (2 trimesters, 1 credit, grades 9-12)

Prerequisite: Beginning Woodworking A/B

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 (2 trimesters, 1 credit, grades 10-12)

Prerequisite: Furniture Making A/B

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 (2 trimesters, 1 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 (2 trimesters, 1 credit, grades 10-12)

Prerequisite: Drafting & Design A/B

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 (2 trimesters, 1 credit, grades 11-12)

Prerequisite: 3-D CAD A/B

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 (2 trimesters, 1 credit, grades 10-12)

Prerequisite: Drafting & Design A/B

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 & Architectural Drafting B (2 trimesters, 1 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

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)