

Laingsburg High School

Curriculum Guide 2016-2018

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Home of the Wolfpack



LAINGSBURG HIGH SCHOOL

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Home of the Wolfpack

Letter From the Principal

Dear Students and Parents:

The information found in this guide will assist you as you prepare a course schedule while attending Laingsburg High School. Please read through this guide to become familiar with the variety of courses offered and the requirements for graduation.

As you may be aware, the Michigan Legislature passed a law mandating a new curriculum for all high school students beginning with the Class of 2011. At this point, all high school students now fall under this new law and must meet all the requirements of the Michigan Merit Curriculum in order to graduate from Laingsburg High School.

To assist with the scheduling process, various student and parent meetings are scheduled to provide additional information about courses and course requirements. Please know that we are here to assist you in every way possible toward graduation from Laingsburg High School.

Brian Doepker
Principal

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Graduation Requirements

The State of Michigan and the Laingsburg Board of Education have approved the graduation requirements for students receiving a diploma from Laingsburg High School.

Twenty-two (22) credits are required to graduate. One-half (.5) credit is earned for each semester of a course a student successfully completes and earns a passing grade. Credit is not earned for grades of F, E, WF, WP, NC, or I.

Public Act 335 requires high schools to provide students with the opportunity to receive credit for exhibiting a reasonable level of mastery of the subject matter of a course by achieving a C+ (77%) or better on a competency test. Competency testing is done in November. Instruction and applications are available in the Guidance Office. Completed applications must be submitted prior to the first Friday of November.

To graduate and be awarded a diploma at commencement, all credit requirements must be met prior to commencement.

1. The Board of Education will not permit seniors who have not completed all credit requirements to participate in commencement.
2. A senior deficient in credits will be granted a diploma when the deficiency is made up prior to the start of the next school year in an approved summer school or community/ adult/alternative educational program, providing;
 - a. The total number of credits earned outside the day school curriculum does not exceed 4 credits.
 - b. Prior approval is granted by the principal.

Class Schedule

LHS Daily Schedule—2017/18

	Begin	End	Length
First	7:50 AM	8:46 AM	0:56
Second	8:51 AM	9:44 AM	0:53
Third	9:49 AM	10:42 AM	0:53
Flex/Lunch	10:42 AM	11:47 AM	1:05
Fourth	11:47 AM	12:40 PM	0:53
Fifth	12:45 PM	1:38 PM	0:53
Sixth	1:43 PM	2:35 PM	0:52

	Begin	End	
Lunch A	10:42 AM	11:12 AM	0:30
Flex B	11:12 AM	11:42 AM	0:30
Flex A	10:47 AM	11:17 AM	0:30
Lunch B	11:17 AM	11:47 AM	0:30

LUNCH OPPOSITE FLEX

Laingsburg High School & Michigan Merit Curriculum Graduation Requirements

Subject	Required Credits
Introduction to Literature	1
American Literature	1
World Literature or AP English Language	1
Modern Literature, Senior Writing, or AP English Literature	1
Algebra 1	1
Geometry	1
Algebra 2	1
1 additional credit (PreAlgebra, PreCalculus, AP Calculus, or Accounting)	1
Biology	1
Chemistry, Physics, or Applied Physics	1
1 additional credit (Earth Science, AP Biology, Human Anatomy & Physiology, Veterinary Science or Conservation of Natural Resources I or II)	1
US History with Geography	1
World History with Geography	1
Government (1 semester)	.5
Economics (1 semester)	.5
Physical Education or Personal Conditioning	.5
Health	.5
Foreign Language	2
Visual, Performing and Applied Arts	1
Electives	4
Total to Graduate	22

Course Information

Advanced Placement Classes

Advanced Placement (AP) courses provide students with the opportunity to take college level courses at Laingsburg High School taught by Laingsburg High School teachers. Students benefit by taking advanced placement courses as they can earn college credit at a much lower cost while still in high school. Laingsburg High School offers a variety of advanced placement courses including English Language, English Literature, Calculus, Biology, and World History. Students may not add or drop AP classes once enrolled and classes begin. AP courses should be indicated in the student's course requests when planning for the upcoming school year.

Schedule Change

Students and parents/guardians should understand that classes are planned and teacher schedules developed on the basis of subjects selected by students and approved by parent/guardian during class registration. Once completed, changes to a student's schedule will require parent and administrative approval. Changes must be for academic/graduation requirements. The change MUST occur no later than one full school day prior to the start of a new semester. A student's schedule will not be changed unless the student fails a class and needs to repeat the class, the student lacks the proper prerequisite, or a computer scheduling error has occurred.

Dual Enrollment

Dual Enrollment is offered by Laingsburg High School in accordance with state legislation.

Students may dually enroll in a postsecondary institution or career and technical preparation program if they are enrolled in at least one high school class. The definition of eligible student also requires that the student have at least one parent or legal guardian who is a resident of the State of Michigan.

A district is not permitted to pay for more than 10 total dual enrollment courses for any one student. If a student first dually enrolls in the 9th grade, that student may not take more than two dual enrollment courses per year for the student's 9th, 10th, and 11th grade years and not more than four dual enrollment courses in the student's 12th grade year. If the student first dually enrolls in the 10th grade, the student may not take more than two dual enrollment courses in the 10th grade and not more than four dual enrollment courses in the 11th and 12th grades. If the student first dually enrolls in grades 11 or 12, the student may not take more than six dual enrollment courses in either 11th or 12th grade.

Students who do not complete a dual enrollment course must repay tuition to the district. This requirement exempts students who were unable to complete a dual enrollment course due to a family or medical emergency.

To qualify for dual enrollment, student must achieve a qualifying score on the required student assessment exam.

Students should complete the dual enrollment application form and get approval from the high school principal. Once the student has obtained a qualifying score and approval from the principal, these guidelines will be used:

- a. The student is responsible to locate an acceptable course.
- b. Application and admission to the post-secondary institution are the responsibility of the student.
- c. Upon validation from the issuing post-secondary institution, the student's credit and grade will be recorded on the student's high school transcript. The grade earned by the student shall not be included in the computation of the student's grade point average or class rank.
- d. The student is responsible to ensure the post-secondary institution reports the student's grade and credit to the high school principal in a timely manner.
- e. Tuition for the course will be paid by the school district upon receiving a bill from the post-secondary institution itemizing the charges for the student's participation in a particular course, up to a certain amount.

Online Learning

The District strives to offer expansive high quality course offerings and options which meet flexible and relevant learning needs of all students. Online students will take their courses following the rules under section 21F. The GenNET Online Learning Portal provides school districts with course providers that have been vetted for quality and rigor and these courses are listed on the statewide catalog at micourse.org. The Board of Education approves the current GenNET Online Learning Portal catalog as the district's local catalog.

Work Based Learning

Educational experiences are incorporated into practical, on-the-job training through the cooperation of businesses and employers. The training must provide for the learning and development of skills for a vocation or occupation.

** Students are limited to a maximum of two semesters at one hour per semester of work based learning.

** The student must have at least junior class status.

** The student must complete a work-study application. Applications are available from the counselor or principal.

** The student must take at least one course related to the practical experience.

** The student's application must be approved by the principal or counselor.

** Students or their parents are responsible for providing transportation to the work site.

** Loss/termination of employment may cause loss of credit.

Career Pathways

The Laingsburg High School curriculum is designed to offer students a pathway to success. As students enroll in school, they will select a career pathway designed to explore and meet their academic potential and career interest. The pathway selection will provide a focus, and foundation, for the student's learning experiences.

Students develop a four-year high school Educational Development Plan (EDP) that will maximize their post-high school potential and opportunities. Through an applied academic instructional program, all students will begin to identify and value the relationship between their academic studies and real world applications. Students will continue to meet with their counselor throughout high school to review their progress toward achieving their goals and to further refine or modify their academic career plans.

Career Cruising is the program used by all students to prepare and update their individual four-year educational plans. The four-year planning process begins during the 8th grade and is reviewed and updated annually.

Academic Requirements for College Athletics

Students must register with the National Collegiate Athletic Association (NCAA) during the senior year if planning to participate in athletics at the Division I/II level. To learn more, go the NCAA website: www.NCAAClearinghouse.com.

The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, math, reading, and science. NCAA requires that all SAT and ACT scores be reported directly to the NCAA Initial-Eligibility Clearinghouse by the testing agency. Test scores that appear on transcripts cannot be used. When registering for the SAT or ACT, use the clearinghouse code of 9999 to make sure the score is reported to the clearinghouse. In addition, the NCAA requires the following:

Division I - 16 Core-Course Rule - Full Qualifier

~ Complete 16 core courses:

* Ten of the 16 core courses must be completed before the 7th semester (senior year) of high school

* Seven of the 10 core courses must be in English, math, or science

~ Earn a core-course GPA of at least 2.300

~ Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale

~ Graduate high school

Division II - 14 Core-Course Rule - Full Qualifier

~ Complete 16 core courses

~ Earn a core-course GPA of at least 2.000

~ Earn an SAT combined score of at least 820 or an ACT sum score of at least 68

~ Graduate high school

Scholarships / Financial Aid

Seniors may be eligible for local, state, federal, and other scholarships to support their post-secondary education. Information and applications are available in the Guidance Office and Wolf News announcements provide up-to-date information throughout the school year. A financial aid workshop is held in December to help students and parents prepare the Free Application for Federal Student Aid (FAFSA). Parents are encouraged to attend the workshop to learn about the FAFSA and the requirements for completing the form. All students/parents should complete the FAFSA regardless of their need for financial aid. All applications are completed online at www.fafsa.gov.

Student Assessments

Student assessments are scheduled throughout the year to validate student learning in various subject areas. In addition to examinations for regular coursework, students also participate in state-mandated assessments. Students are most often required to take college entrance exams prior to making application to post-secondary institutions. Some of these exams are not part of the district's assessment process and are the responsibility of the student to schedule and pay for.

Grade 9	Grade 10	Grade 11	Grade 12
PSAT 9 (required for all students)	PSAT 10 (required for all students)	Preliminary SAT / National Merit Scholarship Qualifying Test (PSAT/NMSQT) (held in the fall) SAT Test (required for all juniors) ACT Test (optional and students register on their own)	SAT (retake - students register on their own if they desire)

Course Options

Language Arts

Introduction to Literature S1 101A S2 101B (.5 cr ea) 9-10

This course is introductory and preparatory in nature. Students will read a selection of short stories, poems, essays, plays and novels, and study the literary terms associated with each form. Students will learn the skills necessary to write simple paragraphs and the basic essay. Students will review basic grammar rules. *English graduation requirement*

American Literature S1 102A S2 102B (.5 cr ea) 10-11

This course will concentrate on American literature from colonial days to the present. Also included are grammar, vocabulary study, and practice in expository writing. Students will take part in discussions as well as preparing and delivering short presentations. *English graduation requirement*

World Literature S1 103A S2 103B (.5 cr ea) 11-12

This is a year-long course of study with an emphasis on world literature selections taken from the textbook, various novels, plays, poetry, and epics. This class also focuses on writing expository and persuasive essays. *English graduation requirement*

AP English Language S1 119A S2 119B (.5 cr ea) 11

The AP English Language and Composition course is designed to give students an opportunity to immerse themselves in language. The focus is on rhetoric, the art of communication and persuasion. Students will engage in close reading of texts, particularly non-fiction, and will be writing in a variety of forms. Texts will be memoirs, expository writings, analytical essays, personal accounts, letters, speeches, etc. They will also include the analysis of visual sources. Authors studied will include, but is not limited to David Sedans, Maxine Hong Kingston, Susan Sontag, Annie Dillard, Francis Bacon, Virginia Woolf, Jonathan Swift, Henry David Thoreau, Chinua Achebe, H.L. Mencken, Pico Eyer, Lars Eighner, John Berendt, Anne Frank, John Hersey, Mark Mathabane, Honore de Blazac, Jorges Borges, Isabel Allende. *Can be English graduation requirement*

AP English Literature S1 105A S2 105B (.5 cr ea) 12

AP English Literature is an accelerated study in literature and also offers practice in writing. Students must read American and European literature, such as Thoreau, Moliere and Tolstoy. They will read novels, plays, short stories and poetry. These works will be the basis for the writing of critical papers and summaries. *Can be English graduation requirement*

Modern Literature S1 104A S2 104B (.5 cr ea) 12

This course will focus on the human experience through literature. The novels have been selected to engage and challenge students with a variety of social issues: i.e. race, religion, gender, and culture. Students will be exposed to the realm of fantasy and science fiction. The class will contain

discussion, research, oral presentations, written work, quizzes, and tests. *Can be English graduation requirement*

Senior Writing S1 115A S2 115B (.5 cr ea) 12

This course provides students with diverse experience in written communication. Creative endeavors may include narrative, character sketches, dialogues, descriptive passages, humor, etc. Practical writings may include paraphrasing, letters, how-to-explanations and journalism. The writing process, especially revision will be emphasized. Real audiences and publications will be stressed. The Senior Portfolio and Senior Project is a requirement of this class. *Can be English graduation requirement*

Speech S1 109A 109B (.5 cr ea) 9-12

This course will help the student to become comfortable speaking to large and small groups. The first nine weeks will be dedicated to human communication and public speaking. The second nine weeks will focus on debate: research, public speaking, and argumentation. *Elective*

Drama S1 110A (.5 cr) 9-12

This course is designed to familiarize each student with the theory and history of the dramatic arts. There will be lecture, discussion, reading, analysis, and beginning performance in this class. *Elective*

Debate S1 111A S2 111B (.5 cr ea) 9-12

Students will learn the skills of research and argument. The class will discuss many topics and issues. Students will learn to see issues from various viewpoints and to be able to discuss topics regardless of personal feelings. Students will research, write, and present an argument on an assigned topic. The annual national debate topic will be the main focus of research. Students will be encouraged to compete at local and state levels in order to learn the true nature of debate. Students may take this course multiple times with instructor approval. Debate is great preparation for higher education. *Elective*

Communication Arts S1 139A S2139B (.5 cr ea) 9-12

This class is a semester program of study into the world of debate, theatre, and speech. Along with public speaking, the areas of research, writing and communication will be emphasized and practiced. *Elective*

Heroes and Villians: Mythology of Graphic Novels

S2 134B (.5 cr) 9-12

This semester course is an in-depth study of modern mythic heroes and the villains they battle as told through graphic novels. Through discussion and literature circles, participants will examine each author's approach to storytelling, character development, and the use of images. Students in The Graphic Novel course will explore the comics medium as a mode of communicating story using the various tests as a way to acquire practice and master traditional and new literacies. A focus on the modern mythology of graphic novel heroes and their continuous battle against evil will explore the tragic hero in a whole new genre. Upon completion of this course, students will have a working knowledge of visual literacy, the unique conventions of the genre, and a familiarity with representative works of the form. *Elective*

Mythology and Folklore

S1 134A (.5 cr)

9-12

This class is an introduction to Greek mythology for students who may have no background knowledge. Students will read and discuss stories dealing with the Greek gods (such as Zeus), heroes (such as Hercules), and adventures (such as the Trojan War). Students will work on individual and group projects. There will be a variety of graded activities including and group work, class work, quizzes, tests, and art projects. *Elective*

Newspaper

S1 131A S2 131B (.5 cr ea)

9-12

This class will publish the high school newspaper and online news website. The class is designed to give practical experience in writing, interviewing, editing, photographing, designing, advertising, working within a large group, meeting firm deadlines, exploring journalism-related careers, and participating in all processes leading to production and distribution of a publication. Publication laws and ethics, censorship, and student responsibility will also be addressed. By progressing through the course, students will be able to identify and apply the skills of journalism. Students may be selected to take the course for more than one year and accept the responsibility of a major editorial position with students under their supervision. *Elective*

Yearbook

S1 130A S2 130B (.5 cr ea)

9-12

This class will publish the high school yearbook. The class is designed to give practical experience in writing, interviewing, editing, photographing, designing, advertising, working within a large group, meeting firm deadlines, exploring journalism-related careers, and participating in all processes leading to production and distribution of a journalistically sound and historically accurate yearbook. By progressing through the course, students will be able to identify and apply the skills of journalism. Students may be selected to take the course for more than one year and accept the responsibility of a major editorial position with students under their supervision. *Elective*

Mathematics

PreAlgebra

S1 211A S2 211B (.5 cr ea)

9

This course is designed to meet the common core standards for Pre-Algebra. The focus of this course is: Basic Operations with Real Numbers, Equations, Inequalities, Functions, Polynomials, Introduction to Geometry, and Data Analysis. *Can be math graduation requirement*

Algebra 1

S1 202A S2 202B (.5 cr ea)

9-10

This course consists of basic concepts of Algebra including topics such as: solving one step and multi-step equations and inequalities, graphing, slopes and lines, exponents, multiplying and factoring polynomials, quadratic equations, functions, and linear systems. A TI-84 Plus graphing calculator is recommended. *Math graduation requirement*

Geometry

S1 203A S2 203B (.5 cr ea)

9-11

This course will study geometrical figures and their properties. First semester focuses on the fundamentals of deductive reasoning and proofs, covering topics such as: congruent figures,

triangle properties, and quadrilateral properties. Second semester focuses on the algebraic concepts of perimeter, area, and volume of two-dimensional and three-dimensional figures. A scientific calculator is strongly suggested, especially for second semester. *Math graduation requirement*

Algebra 2 S1 204A S2 204B (.5 cr ea) 10-12

This course extends the concepts of Algebra 1 to focus on properties of linear, quadratic, and higher-order functions, direct and inverse variation models, and solving multi-step equations and inequalities. Students will also study the properties of exponential, logarithmic, and trigonometric functions. *Math graduation requirement*

PreCalculus S1 214A S2 214B (.5 cr ea) 11-12

This course consists of the following concepts: coordinate geometry, polynomials, inequalities, functions, exponents, logarithms, trigonometric formulas, advanced graphing, complex numbers and topics in precalculus. Probability and statistics concepts are also covered during this course. *Can be math graduation requirement*

AP Calculus S1 207A S2 207B (.5 cr ea) 12

A full year of work in calculus comparable to semester course in colleges and universities. This course is intended to provide an opportunity for high school students to receive college credit and/or placement for a course normally taken at the freshman or sophomore level. *Elective*

Business

Marketing I S1 679A S2 679B (.5 cr ea) 10-12

Marketing I is an experience and project based business class. The students will learn the different aspects of marketing a product. Selling, promotion, risk management, pricing, purchasing, distribution, product planning, financing and how to start up your own business. The Laingsburg School Store, will be used as a classroom lab. The student will leave the class with a completed marketing portfolio. All students can benefit from the material covered in this class. Related career interests include, but are not limited to: Entrepreneurship, Marketing, Psychology, Business Management, Hospitality, Human Resources, and more. Students in this class are encouraged to compete in DECA Marketing Club. *Elective*

School Store Manager S1 636A S2 634B (.5 cr ea) 10-12

School Store is an experience based class. The classroom activities will include training in the areas of advertising, retail, communication, human relations, mathematics, selling and cash handling. A portion of the overall grade will be achieved through work in the School Store. Students taking this class must have taken or also be enrolled in Marketing I or Accounting. School Store Managers make critical decisions in product offerings, pricing, merchandising, and customer service policies affecting the success of the school store. Managers are responsible for the financial success of the store. *Prerequisite/Dual Enrollment: Marketing I/Accounting Elective*

Accounting I S1 603A S2 603B (.5 cr ea) 10-12

Are you thinking about a business major in college? Get your accounting foundation here. Accounting is an essential course for all students to either explore a career in business or for ones personal financial needs. It is required in any business major in college. This course covers the

complete accounting cycle for a proprietorship and merchandising business, along with journalizing and posting transactions. Special journals, worksheets, income statements, balance sheets, and other financial statements are also taught. The use of computers to teach automated accounting simulations is a large portion of this course. *Can be math graduation requirement*

VEI Marketing & Accounting S1 635A S2 635B (.5 cr ea) 11-12

Would you like to go to work rather than class? It does not get more hands on than this class. Students in VEI apply to positions within a student created business. Departments in the firm include: Accounting, Sales, Purchasing, Human Resources, Marketing, and Chiefs. The VEI class creates a business plan; employees apply to their positions; and as customers, trade products with other virtual firms around the globe. Students will experience competitions and have the opportunity to travel to trade shows in others states (Tennessee, California, New York). Leadership opportunities and experiential learning abound in this class. Students in this class are equipped with a strong work ethic and independent accountability, as much of the class is student driven by the Chief positions in the firm. Students wishing to use this class as a senior year math credit must apply to the Accounting Department. *Prerequisite/Dual Enrollment: Marketing or Accounting I Elective*

Science

Biology S1 303A S2 303B (.5 cr ea) 9-10

This course examines the major objectives for Life Science, such as cells, living things, heredity, evolution, and ecosystems. The course material will be delivered through lectures, class discussions, labs and projects. The goal for the instructors is to allow students to witness the interconnecting relationships between all living things. *Science graduation requirement*

AFNR Biology S1 303A S2 303B (.5 cr ea) 9-10

Agriculture Biology is a one year laboratory science course. Using agriculture as the learning vehicle, the course emphasizes the principles, central concepts and inter-relationships among the following topics: the molecular and cellular aspects of life, the chemical and structural basis of life, growth and reproduction in plants and animals, evolution of modern plants and domestic livestock species, plant and animal genetics, taxonomy of modern agricultural plants and animals, animal behavior, ecological relationships among plants, animals, humans and the environment, nutrition in animals, health and diseases in animals, and the similarities between animals and humans. This course is centered on an extensive laboratory component in order to connect the ideas of life science with agricultural applications, earth and physical science principals, and other curricular areas, including written and oral reporting skills. *Science graduation requirement*

Human Anatomy & Physiology S1 304A S2 304B (.5 cr ea) 10-12

This course covers the eleven major systems in the human body. Each unit examines the macroscopic and microscopic building blocks of each system. During the first semester we will examine basic nomenclature, the skeletal system, the muscular system, and the nervous system. In the second semester we will study the endocrine system, digestive system, cardiovascular system, reproductive, and excretory systems. *Elective*

Chemistry S1 308A S2308B (.5 cr ea) 10-11

Chemistry is the study of matter. Included are the following topics: relationship between matter and energy, measurements and problem solving skills, atomic structure, chemical names, formulas, chemical reactions, stoichiometry, states of matter, chemical periodicity, bonding, solutions, and acids and bases. Students taking this course must have completed or be currently taking Algebra 2. *Can be science graduation requirement*

Applied Physics S1 311SA S2 311SB (.5 cr ea) 10-11

Applied Physics will focus primarily on the study of motion, forces, energy, and waves. The students will spend several hours each week in the lab performing hands on experiments to enhance the learning potential of this class. The overall goal of the course is for students to gain insight into the inner-workings of our physical world. *Can be science graduation requirement*

Physics S1 309A S2 309B (.5 cr ea) 10-12

The study of the relationships that exist between matter and energy including: Measurement, linear motion, gravity, forces, two-dimensional and periodic motion, conservation of energy, momentum, heat measurements, wave properties, nature of light, electric circuits, magnetic, nuclear reactions. *Can be science graduation requirement*

AP Biology S1 310A S2 310B (.5 cr ea) 11-12

AP Biology is a first year biology major college level course. Themes in this AP Biology course include science as a process, evolution, energy transfer, continuity and change, relationship of structure to function, regulation, interdependence in nature, and science, technology, and nature. These themes will reappear throughout the following topics: molecules and cells, heredity and evolution, and organisms and populations. Time restraints prevent every aspect of each topic to be covered in class, so students will be required to do some reading and learning of those topics outside of school. This course also has a lab component, which corresponds to topics covered in class. Students are expected to spend more time reading outside of class and understanding the themes and topics enough to support them with facts. Students may take the AP Biology College Board Exam in the spring to earn college credit. *Elective*

Conservation of Natural Resources I S1 313A S2 313B (.5 cr ea) 10-12

If you appreciate the outdoors and enjoy using natural resources (hunting, fishing, hiking, camping and wildlife viewing) this class will provide a better understanding of our local natural resources and the need to conserve them for future generations. This course is designed to provide students a background in the field of natural resources and its many career opportunities. Students will be involved with hands-on projects investigating soil erosion, water pollution, wildlife management, forestry production, land management and the effects of management practices on the environment. Students will also explore soil conservation practices, water and its importance to natural resource management, hazardous waste management, native wildlife, waterfowl, fish, wetlands, and pond management, management of recreational areas, and outdoor safety. "Hands-on" learning activities encourage students to investigate areas of environmental concern including: identification and management of ecosystems, management of waste, chemicals and environment, soil conservation, land uses, regulations and ordinances, water quality and air quality. *Elective*

Agriculture, Food & Natural Resources S1 317A S2317B (.5 cr ea) 11-12

This course deals with the nature and extent of natural resources such as water, air, soil, wildlife, minerals and energy. The course emphasizes the physical, scientific principles underlying sound conservation practices of natural resources. It also examines the implications of conservation measures (or the absence thereof) for human activities. This course requires students to complete project based work independently and participate in a supervised agriculture experience in career fields pertaining to conservation and natural resources. *Elective*

Veterinary Science and Animal Health S1 314A S2314B (.5 cr ea) 11-12

This year long course specializes in developing knowledge and skills pertaining to the identification, nutrition, reproduction, health, diseases, veterinary science, care and management of food and companion animals, both small and large. This class has a lab component which corresponds with topics covered in class. Classroom and animal laboratory activities are an integral part of this program, including the safe use and care of animal health-care instruments, animal grooming equipment, basic tools, animal restraining equipment, and field equipment. This program works with small animals from canines and felines as well as rabbits, poultry and large animals including swine and sheep. *Elective*

Robotic Programming S1 584A S2584B (.5 cr ea) 9-12

Robotic Programming will focus on designing, building, and programming stand-alone robots. The students will first design and build a robot as a solution to a specific challenge. The robot will be programmed using ROBOTC language to accept sensory inputs, analyze the data, and perform various tasks based on the data. *Elective*

Social Studies

US History with Geography S1 403A S2 403B (.5 cr ea) 9-10

The content of this course will cover mostly 20th Century American History. Students will sharpen their skills in processing and evaluating information, understanding the core democratic values, analysis of historical trends, discriminate between theory and practice, and improve their decision-making skills. A geography component will be added. *Social Studies graduation requirement*

World History with Geography S1 404A S2 404B (.5 cr ea) 10-11

This course will include western and non-western history and geography and cultures. Using a regional approach, the history and geography will serve as a basis for global issues. Students will develop problem-solving skills, learn to collect, analyze and interpret information. Students will be involved in active participatory attempts to solve current social problems. *Social Studies graduation requirement*

Government S1 405A (.5 cr) 11-12

Government will deal with the structure and nature of our federal, state, and local governments. Special attention will be given to assignments and activities designed to help students prepare for standardized testing in the social studies area. *Social Studies graduation requirement*

Economics S2 405B (.5 cr) 11-12

Economic theory as applied to real life situations will be covered along with national and international economics. Special attention will be given to preparing students for standardized testing in the social studies area. *Social Studies graduation requirement*

Psychology S1 406A S2 397B (.5 cr ea) 11-12

This course will cover psychological methods, human development, understanding and measuring personality, measuring intelligence, learning, motivation, frustration, causes and cures of personality disorders. Special attention is given to teenage suicide. *Elective*

Sociology S2 406B (.5 cr) 11-12

This course will cover norms, roles, socialization, and the institution of family, education, religion,, economy and government. Social stratification and social change is also covered. There is some exposure to other cultures with the goal of increasing the students scientific objectivity. *Elective*

AP World History S1 409A S2 409B (.5 cr ea) 10-12

Students will be studying primary and secondary source from the Paleolithic age to today. The course will study history of the entire world. Students will learn how to write documents based, comparative history, and change over time questions. There is a map text as well as a history text. Students will be expected to know the geographic location of important historical events. Students will be preparing for the advanced placement exam in May. *Can be social studies graduation requirement*

History via Media S2 411B (.5 cr) 11-12

This course will study history, primarily American History, using Hollywood cinema as the guide. Chapters will be movies. Students will be responsible for watching the films, analyzing its historical content, and completing assignment. Some of the material that will be viewed in the movies will be adult in nature. In this class we take the story and apply it to the broader perspective of history. Parent approval required. *Elective*

Sports in American History S1 412A (.5 cr) 10-12

This course is an elective that focuses on educating young people about the role of sports in America, especially how it has influenced history. We will touch on an element of Sport Sociology and some basics of economics. this class should propel those that enjoy sports to learn more about 20th century American History, become better writers, and even find more enjoyment and excitement in reading. *Elective*

Foreign Language

The study of a foreign language is capable of exerting a profound influence on our perceptions of the world and of permanently enriching our understanding of ourselves and others. Language is the medium by which human beings think and by which they express their thoughts. The study of any language is therefore the study of everything that pertains to human nature. The acquisition of a

language other than our own enables us to communicate, to look beyond customary borders and to participate more fully in the global community. When we study another language we:

- Develop insight into our own language and culture
- Increase our awareness of self and our relationship to others
- Gain direct access to additional bodies of knowledge
- Develop and enhance our higher order thinking skills

Guiding principles:

- Communication: To communicate in other language other than English
- Cultures: Gain knowledge and understanding of other cultures
- Connections: Connect with other disciplines and acquire information
- Comparison: Develop insights into the nature of the language and culture
- Communities: Participate in multicultural communities at home and around the world

Spanish I

S1 500A

S2 500B (.5 cr ea)

9-12

This introductory course is designed for students with little or no previous study of Spanish. Some students in class might have studied Spanish in middle school, but have not grasped some of the important structures of the language. This course teaches basic language patterns and vocabulary. Repetition and comprehensible input are important components of this course. Focus is on all four language skills, listening, speaking, reading and writing. Culture is an integral part of the course and is introduced through the use of media, games, adapted readings and class discussions. In addition to written tests and quizzes, students may also be assessed by means of aural activities. Homework assignments are an integral part of this course; they reinforce concepts/skills introduced and explored in class, which enable students to participate in class in a meaningful way. Completion of homework assignments is a must. Active participation is required. *Foreign Language graduation requirement*

Spanish II

S1 501A

S2 501B (.5 cr ea)

9-12

In Spanish II, we will continue our study of Spanish by building upon, strengthening, and reinforcing the skills in the six core areas: listening, speaking, reading, writing, grammar, and vocabulary. We will continue to seek out an authentic and extensive understanding of the varied cultures and customs of the Spanish-speaking world. The second level course will continue to focus on the building of a strong foundation of the basic concepts inherent in the language, and will provide students with opportunities to deepen their practical understanding of the language through individual and group projects. Some topics of study in this course will include: stem-changing verbs, simple future and past verb tenses, adjective agreement, and vocabulary acquisition. *Foreign Language graduation requirement*

Spanish III

S1 502A

S2 502B (.5 cr ea)

10-12

This course will further develop the communicative competency of each student. Spanish III students will be adding specific vocabulary and reviewing grammar as presented in the literary works and responding to those in both oral and written form. *Elective*

French I S1 503A S2 503B (.5 cr ea) 9-12

French I is a basic introduction to the French language and culture. This class is designed for students with little or no knowledge of French. Students are introduced to basic patterns and structures of French, enabling them to develop listening, speaking, reading, and writing skill. Emphasis is placed on contemporary vocabulary, essentials of grammar, and pronunciation. *Can be Foreign Language graduation requirement*

French II S1 504A S2 504B (.5 cr ea) 10-12

Students will continue to strengthen their foreign language proficiency in the four skills of listening, speaking, reading, and writing. The materials throughout the course integrate culture, grammatical structures, vocabulary, oral and written activities, and dialogues. *Can be Foreign Language graduation requirement*

Technology

Visual Communications S1 107A S2 107B (.5 cr ea) 9-12

A yearlong class in which students will learn both the technical elements and the communication skills for developing quality video news and features. Students will learn the use of a mixer, various computer programs, camcorders and computer editing. Students will have the opportunity to obtain vocational certification or college credit. Significant video projects and video taping for all students will be required beyond class time. *Elective*

Media Communications S1 108A S2 108B (.5 cr ea) 9-12

This class teaches visual communication. There will be four areas of emphasis: 35mm camera, black and white darkroom techniques, design and computer photo manipulation. Students will concentrate on using a combination of photography and computer programs. Students will have the opportunity to do independent projects. *Elective*

Physical Education and Health

Health & Living Skills S1 602A or S2 602B (.5 cr ea) 9-12

This course focuses on health habits that are basic to survival and that also contributes to the total well being of the individual. The course follows the State of Michigan Model for Health Curriculum. The topics covered are: disease prevention and control, personal health practices, nutrition, growth and development, family health, emotional and mental health, substance use and abuse, consumer health, safety and first aid, and community health. *Health graduation requirement*

Physical Education S1 604A or S2 604B (.5 cr ea) 9-12

This course will emphasize the development of advanced skills and knowledge in various sports, including basketball, volleyball, soccer, speedball, touch football, pickle ball, badminton, softball, and other agility games. *PE graduation requirement*

Personal Conditioning

S1 605A or S2 605B (.5 cr ea)

9-12

The course is designed to help the student develop and maintain a level of physical fitness in the areas of strength, muscular endurance, core stability, flexibility and cardiovascular efficiency. This is a physically rigorous course. You must be willing to work hard consistently to succeed. Register only if you are willing to dedicate yourself. *Can be PE graduation requirement*

Music**Band**

S1 611A S2 611B (.5 cr ea)

9-12

This is the major instrumental performance ensemble of the school. It includes concert band and the Wolfpack Marching Band. It involves performance of a wide variety of music in parades, concerts, and festivals, both locally and out of town. Students taking this course must have a least three years prior band experience, or successfully audition for and interview with the Band Director. Band camp is required. The Band Director must approve exceptions. *VPAA graduation requirement*

Jazz Band

S1 612A S2 612B (.5 cr ea)

9-12

This class is a limited-instrumentation, performance-based ensemble for students who are looking for something in addition to band. Students must be enrolled in band to participate, with the possible exception of guitar, bass and piano. Students will study and perform several pieces of music in various jazz styles throughout the year. Students may be required to audition to get into the class if there are too many enrolled to meet the needs of limited-instrumentation. Students will be required to listen to both live jazz and recorded jazz and must be willing to learn jazz improvisation. *Elective*

Other**Work Study**

S1 626A S2 626B (.5 cr ea)

11-12

Students have the opportunity to work (paid or unpaid) at a job corresponding and related to their career pathway and career interest. Students must complete forms and time sheets as well as work an average of 10 hours per week. Students must provide their own transportation to and from their place of work. *Elective*

Intro to Art

S1 607A S2 607B (.5 cr ea)

9-12

This course explores the intro to art basics pertaining to materials, creative thinking, and the principles and elements of art/design. The course follows both the Michigan Art Education Standards and National Art Education Standards. The first semester of the class places an emphasis on building basic drawing and painting skills, as well as production of work. Students will explore materials and topics pertaining to of pencil, colored pencil, watercolor, marker and spray paint. The second semester of the class places an emphasis on developing the skills learned in semester one and expounding those ideas in various other projects, such as mixed media art.

Students will be responsible for the discussion, critique and display of their artwork as well as the upkeep and maintenance of supplies. *VPAA graduation*

Drawing/Painting

S1 722A S2 722B (.5 cr ea) 9-12

This course expounds on art basics learned in Into to Art. Which includes, but is not limited to: materials, creative thinking and the principles and elements of art/design. The course follows both the Michigan Art Education Standards and National Art Education Standards. Emphasis for this year long course will be placed on creative thinking processes and making original artwork while including the principals in elements of art in their art creation. Students will focus on exploring all 2D art making mediums such as drawing, painting, mixed media and printmaking. Students will work towards developing their own portfolio or work with artist statements and art critiques with their peers. Students should exhibit the ability to work independently and diligently. Students will be responsible for the discussion, critique and display of their artwork as well as the upkeep and maintenance of supplies. *VPAA graduation*

Peer to Peer

S1 141A S2 141B (.5 cr ea) 9-12

This course is intended to give general education students an opportunity to support and model academic and social skills to a peer with special needs. Student mentors will receive special training to assist peers with interpersonal and academic challenges: these include socialization, independence, age appropriate behavior, and life skills. There is a focus on leadership skills, understanding and adapting to individual differences in the school setting, written and verbal communication skills, modeling social experiences, and advocating for others. *Elective*