

High School
COURSE CATALOG

JONESVILLE HIGH SCHOOL
460 ADRIAN STREET
JONESVILLE, MI 49250~1195

GRADES
9~12

PREPARED: February 2011

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Typical courses required based on grade level

<i>Freshman</i>	<i>Sophomore</i>	<i>Junior</i>	<i>Seniors</i>
Business Tech	Geometry	Algebra II	Accounting
Algebra I *	English 10	English 11	English 12
English 9	Chemistry 1	Chemistry 2 & 3	Anatomy/Physics
Biology	World History	U.S. History	Government
	Health		Economics
	Science 10		

**Please note that math courses may be advanced based on a student's 8th grade math.*

Credit requirements based on graduation year

	Class of 2012, 2013, 2014, 2015
Subject	<i>Credits</i>
English	8
Social Studies	7
Science	7
Math	8
Physical Education	2
Computer Education	1
Health	1
Art (Visual, Performing, or Applied)	2
Electives	15
	Credits Possible
	60
	Credits Required
	51

Jonesville High School Guidance Office

The Guidance Office provides a setting in which you may discuss in confidence anything that is important to you. The counselor can provide you with information and appropriate resources so you will have a more realistic basis upon which to make decisions. As students at Jonesville High School, you will be making many important decisions regarding courses, curricula, vocational and college plans, and more personal matters. Decision-making can be a lonely and unsettling experience. It often helps to talk things over with someone who can be objective while taking a personal interest in you.

Students can make an appointment by stopping in the guidance office and setting up a time to meet with the counselor.

Guidance Office Personnel

Mr. Drake	Counselor	517 849-9934 x1206
Mrs. Griffiths	Registrar	517 849-9934 x1207

Because of ethical obligations and interest in you as a student, your guidance counselor will, at no time, reveal to others what you have shared, unless what you have shared indicates you may harm yourself or someone else.

NCAA Athletic Regulations

Students aspiring to participate in college athletics at the NCAA Division I or II colleges must meet the criteria set forth by the NCAA. Students and parents must go to the NCAA Clearinghouse website to get the latest information concerning college student athletes. The website is: www.ncaaclearinghouse.net

Directions for Scheduling

This year we will be scheduling online through the student connect/parent connect website. Students will need to go online and select the elective courses they would like to take next year. The core courses have already been selected for you within the system.

The course catalog can be found on our website at www.jonesvilleschools.org. If you go under the high school area you will see a link for the course catalog. This lists each course we offer at the high school and a description of the course.

- Step 1: Go to our website at www.jonesvilleschools.org.
- Step 2: Click on Parent Connection link at the bottom of the page
- Step 3: Enter your login and password
- Step 4: On the left side is an area for course requests. Click on Courses for 2011-12. This lists all of the courses that you could take in the upcoming year.
- Step 5: At the top is a number of tabs. If you click on selected, this will show you all of the classes that have been selected for you. For example, if you have not selected any courses yet this will list all of the required courses.

Step 6: Click on Update Requests. This allows you to select the electives that you would like to take. Please select electives until you have reached a total of 15 credits for next year. If a course is a two trimester course, the student needs to select both trimester courses (for example, Spanish III A and Spanish III B)

Step 7: Click on the tab titled Alternates. In this area you will select five alternate electives. When the scheduling program runs it will try to give students their first choice, however if none of their first choices are available, it will then work in their alternate courses.

Once a student has registered, this will be his/her schedule for the year. Class changes will be reserved for those students who have a genuine need. Students who wish to make a change to their schedule need to talk to the counselor. Schedule changes will only be made the week prior and the week after the new trimester.

Agri-Science

Course Name: Agriscience Leadership & Communications

Course Description: This course will enable students to develop the knowledge, attitudes, and skills to demonstrate positive leadership for agriculture. Areas of focus include public speaking, extemporaneous speaking, impromptu speaking, written communication, meeting people, making good first impressions, establishing personal goals, working as a team, setting and meeting team/organizational goals, organizing groups to take action, and evaluating team/organizational actions and parliamentary procedure. Students will plan and carry out community service projects and participate in leadership development events through the FFA.

Course Rationale: Agriscience encompasses the food, fiber, conservation and natural resource systems, employing over 20% of the nation's workforce. Leadership and communication skills are required for individual success in all careers, and the agriculture industry needs spokespersons and leaders to represent it in an increasingly urban population.

Grades: 11-12

Prerequisites: Zoology/Animal Science, Botany/Plant Science; Preference for students with FFA membership.

Other: 3 Trimesters

Course Name: Agribusiness Management, Economics, Sales & Marketing

Course Description: This course includes human relations, personal inventory, careers in selling, and other experiences necessary for employment in agribusiness engaged in marketing, purchasing, storing, grading, and transporting supplies and products. Also, this course combines farm management, agribusiness management, and content based on agricultural economic principles.

Course Rationale: Agriscience encompasses the food, fiber, conservation and natural resource systems, employing over 20% of the nation's workforce. Application of economic principles and business management to the agriculture industry provides the basis for financial success of an agribusiness.

Grades: 11-12

Prerequisites: Zoology/Animal Science, Botany/Plant Science; Preference for students with FFA membership.

Other: 1 Trimester

Course Name: Botany/Plant Science

Course Description: A course designed for instruction in plant and crop science, soils, entomology, horticulture, and forestry, and additional instruction in leadership, and supervised agricultural experience.

Course Rationale: Agriscience encompasses the food, fiber, conservation and natural resource systems, employing over 20% of the nation's workforce. An understanding of leadership and basic principles in the agriculture plant and food industry provides a sound background to pursue an agricultural career.

Grades: 10-12

Prerequisites: Zoology/Animal Science; Preference for students with FFA membership

Other: 2 Trimesters

Course Name: Landscaping & Turf Grass Management

Course Description: This course includes the basic techniques of landscape design, landscape construction, installation, and maintenance. Also included is a study of soils and fertilizers for sod production, and the skills needed for the establishment and maintenance of turf.

Course Rationale: Agriscience encompasses the food, fiber, conservation and natural resource systems, employing over 20% of the nation's workforce. Design, construction, installation, and maintenance are essential skills for a landscaping business. The establishment and maintenance of turf grasses is a growing agricultural business sector.

Grades: 10-12

Prerequisites: Zoology/Animal Science; Preference for students with FFA membership.

Other: 1 Trimester (Fall or Spring)

Course Name: Wildlife & Natural Resources Conservation

Course Description: This course prepares students for activities in the conservation and/or improvement of natural resources such as oil, water, air, forests, fish and wildlife for economic and recreational purposes.

Course Rationale: Agriscience encompasses the food, fiber, conservation and natural resource systems, employing over 20% of the nation's workforce. Management of our natural resources, wildlife, and ecological systems is an essential component in sustaining our environment.

Grades: 10-12

Prerequisites: Zoology/Animal Science; Preference for students with FFA membership.

Other: 1 Trimester (Fall or Winter)

Course Name: Zoology/Animal Science

Course Description: A course designed for instruction in animal science, leadership and personal development, and supervised agricultural experience. Additional Units may include agribusiness, natural resources, and food science. Students will have the opportunity to learn about FFA and place membership in the local chapter.

Course Rationale: Agriscience encompasses the food, fiber, conservation and natural resource systems, employing over 20% of the nation's workforce. An understanding of leadership and basic principles in the animal industry provides a sound background for the agricultural industry.

Grades: 9-12

(Intended to be a first year agriscience course taken as a freshman)

Prerequisites: None

Other: Students are encouraged to join the FFA. 2 Trimesters

Business and Computers

Course Name: Accounting I

Course Description: Understanding finances is essential in today's society. This class is designed for students who plan on entering the world of business, but it will also help anyone learn how to manage money. Accounting I includes learning the business language: assets, liabilities, balance sheets, accounts, journals, etc. Several problems are presented to the student requiring knowledge of the complete bookkeeping cycle for an entrepreneurship. In this class, the student works on at least two practice sets. During the final six weeks of the year, a practice set is completed that covers all the likely problems that an accountant would encounter on the job.

Course Rationale: Free college credits can be obtained by taking the Accounting I class for two complete trimester (A & B). By researching the college a student is interested in going to, they can find out if articulation is available for the class. This means that they would not need to take the class in college. They would receive the college credits from the high school course.

Grades: 10-12

Prerequisites: Successful completion of Business Technology II

Other: 2 trimester

Course Name: Business Law

Course Description: The study of different kinds of laws that deal with business and the individual. Crimes, torts and the court system will be studied. The law of contracts will be dealt with in great detail to help the student in everyday life. Many real life case studies will be discussed to stimulate student interest in the subject; this class will participate in the Teen Court program through the Hillsdale County Courthouse.

Course Rational: Students who plan to enter the world of business must b prepared. This class will help students understand the laws and rules businesses must follow. The law of contracts will be dealt with in great detail to help the student in everyday life.

Grades: 10-12

Prerequisites: Successful completion of Business Technology I

Other: 1 trimester

Course Name: Business Technology I

Course Description: A comprehensive computer applications class using Microsoft Office XP. Units include Word including basic keyboarding technique, letter and report formatting, columns, tables and graphics, spreadsheet (Excel) and Career Cruising. Michigan state vocational curriculum is followed. This course is required for ALL 9th graders to prepare them to use technology throughout high school. Michigan state vocational curriculum is followed to prepare them to use technology throughout high school and beyond.

Course Rationale: A student must complete this course in order to successfully use technology in other cross curriculum areas of high school.

Grade: 9-11

Prerequisites: None

Other: 1 trimester--required class for all freshman

Course Name: Multi-Media (Macintosh Computer Based)

Course Description: Using InDesign, KeyNotes, Pages, and iMovie, the students will learn to make multi-media presentations using a Mac format. Students will need to have initiative and a willingness to work hard to be successful in this course.

Course Rationale: The skills in this class will give the students a broader technology base for use in college study and/or career choices.

Grades: 9-12

Prerequisite: None

Other: 1 Trimester

Course Name: Personal Finance

Course Description: *Personal Finance* is designed to prepare high school students to make wise financial decisions in personal situations. This curriculum will help students realize that they are already making financial decisions and show them how their decisions affect their future. A stock market game will be used to look at investing and a section on retirement will be covered.

Course Rationale: Work enables us to earn a living. It provides money to buy food, clothing, shelter, and other important things, such as education and medical care. New products and services, together with global competition and the computerized work environment, have changed the expectations and needs of business. A person will probably retrain, upgrade, or change jobs several times during their working life. Some will choose the exciting path of self-employment. As students are preparing to enter the “real world,” an environment filled with cultural diversity, students must become productive workers and responsible citizens.

Grades: 11-12

Prerequisites: Business Tech I

Other: 1 trimester

<h2>English</h2>

Course Name: AP English

Course Description: In keeping in line with the Advanced Placement course requirements, this AP Literature and Composition class is designed for high-achieving, goal-oriented students to help prepare them for college. As a result of this class, students will be better writers, readers, and thinkers. Throughout the course of the year, students will develop the skills necessary to be critical readers of different texts (novels, plays, and poetry). They will also learn specific strategies and techniques to become better writers. By the end of the course students will have learned to write for a variety of purposes and will have produced college-level writing that demonstrates varied syntax, appropriate diction, logical organization, correct use of rhetorical strategies and techniques, and the proper use of textual evidence to support the thesis of the critical essay.

Students will develop these skills through a number of opportunities for writing, both in and out of class. They will have opportunities to revise analyses for class as well. At the end of the year, students will be asked to choose their best piece of writing from the year to revise one more time. They then will then be asked to critique themselves as a writer and to evaluate their growth as a writer, using what has been discussed throughout the year as a guideline for their evaluation.

Course Rationale: This course is specifically designed to help students prepare for the Advanced Placement Literature and Composition Exam given each spring and to prepare students for college-level writing and reading. Students will be challenged daily with a variety of assignments, readings, discussions, and essays to take their understanding of a text one step further. Critical thinking and critical reading skills as well as college-level writing will help prepare those students who intend to go to college.

Grades: 12

Prerequisites: English 11 (B minimum)

Other: 3 Trimesters

Course Name: Creative Writing

Course Description: This course is designed for students who have an interest in developing ways to express themselves creatively. Students will be expected to write a number of pieces, both poetry and prose (short stories, plays, etc), and they will also develop the skills needed to become a writer. The class will focus on syntax, diction, writing dialogue, character and plot development, and finding a purpose in writing. Students will also be reading some short stories and poetry to understand the different techniques writers use and to expose them to different styles of writing.

Course Rationale: This class will help students understand that writing creatively is more than just putting their feelings on paper or writing lines that rhyme. While that is a start, students will learn how to choose better words, how to make sentences stronger, and how to develop meaningful characters and plots. Once students understand that writing requires thought and effort, they will become better writers. The thought and effort they put into their writing will help them become better writers and thinkers in other subjects as well.

Grades: 9-12

Prerequisites: None

Other: 1 Trimester

Course Name: English 9

Course Description: Materials covered will encompass Michigan's English Language Arts Standards for freshmen: critical reading and thinking, writing, grammar analysis and development, vocabulary development and spelling. Students will read short stories, poems, at least one play, one modern novel and one piece of classical literature. Grammar study will occur daily. Vocabulary development will take place weekly. The students will also read novels of their choice and use the Accelerated Reader Program.

Course Rationale: Reading and writing are two building blocks of life communication. By learning to decode new words in context, to read critically, to write proficiently, and to analyze and apply grammatical concepts, students will be laying a foundation for their future.

Grades: 9

Prerequisites: None

Other: 2 Trimesters

Course Name: English 10

Course Description: Through the integrated study of reading, writing, speaking and listening, English 10 students will further develop their effective application of language as a tool for academic, practical, and aesthetic thinking and learning. Students practice and develop reading comprehension, critical thinking, composition, and social skills through group and individual work dealing with the following literary genres: short stories, poetry, drama, film, novels, and non-fiction. Students will develop vocabulary and reading comprehension through daily warm-up activities and frequent application assignments. Students will develop composition skills through the use of the writing process, research, and MLA guidelines with creative, practical, and expository writing and speaking projects.

Course Rationale: Students will benefit from knowledge of grammar and syntax, developed vocabulary, critical thinking and organizational skills, as well as reading and writing effectively. In addition, well-rounded individuals are developed through the academic and aesthetic exposure to varying genres of literature.

Grade: 10

Prerequisites: English 9

Other: 2 Trimesters

Course Name: English 11

Course Description: This course will incorporate both British literature and introductory college-writing skills as well as writing for the world of work. The main purpose of the course is to provide a background of selections and authors that a student should have as part of his/her cultural experience. An attempt will be made to show how the time period influenced the content or style of the writings. This course will cover the following writing and study skills: sentence improvement, paragraph development, multi-paragraphed compositions, styles and kinds of diction, the paraphrase, sentence and paragraph summaries, vocabulary study, mechanics review, and a documented research paper. Daily oral language exercises will continue through the use of MUG sentences and analogies/antonyms.

Course Rationale: In order to be successful members of society, students need to know how to read and write. Reading authors such as Shakespeare will challenge students and will help them develop the critical-thinking skills they will need to succeed in life. The writing assigned in class will also help students learn how to express themselves and will help prepare them to write for different jobs and professions.

Grades: 11

Prerequisites: None

Other: 2 trimesters

Course Name: English 12

Course Description: English 12 students will be challenged to see themselves as part of the greater world community and will develop the leadership skills that will help them succeed in life. Students will accomplish these goals through the critical study of world literature, both fiction and non-fiction, focusing specifically on texts that address leadership and community issues. Students will complete projects and assignments over the readings that require critical thinking as well. These projects may include community service. Students will also develop composition and writing skills for academic and work-related purposes through research papers, letters to the editors, and other writing assignments. Students will also learn to refine their writing for content, organization, grammar and mechanics errors, and purpose through mini-lessons. Finally, students will complete a senior project in which they apply everything they have learned in the class that will be presented to the class and perhaps to some faculty at the end of the year.

Course Rationale: As these students prepare to enter college or the workforce, they not only need to understand their place in the world, but they also need to have the skills to help them succeed. This class will help students gain the necessary reading, writing, thinking, and leadership skills they need to succeed in life outside of high school so that they can be true citizens of the world.

Grades: 12

Prerequisites: English 11

Other: Two trimesters

Course Name: Great Novels

Course Description: Students will read a variety of great literature not covered in the core English curriculum. They will participate, independently and with groups, in analyzing genres, literary elements, literary devices, and historical and societal perspectives. Students will participate in group discussions and activities and will get to choose some of their reading selections from an approved list.

Course Rationale: World citizens should be able to connect literature to relationships “within and across families, communities, societies, governments, and economies” (Michigan High School Content Expectations). Studying the world through the lens of literature will provide the opportunity to examine such relationships.

Grades: 10-12

Prerequisites: None

Other: Students who select this class should enjoy reading, have strong reading and thinking skills and be able to work effectively alone or with a group. 1 Trimester

Course Name: Shakespeare

Course Description: This class is designed for students who enjoy learning about the Renaissance and reading the works of Shakespeare. Specifically, this class will study the Shakespeare plays not covered in other English classes, including *Richard III*, *Much Ado about Nothing*, and *The Tempest*. The class will also focus on writing about these plays, and students will complete in-depth character studies as well as essays on how the plays connect to or reflect the attitudes of the Renaissance. Students will also learn how to understand Shakespeare’s language through class participation and performance as well as viewing film versions of certain plays to aid in understanding. Other activities and assessments will be utilized as well for students to show what they have learned about the plays.

Course Rationale: In order to be successful members of society, students need to know how to read and write. Reading Shakespeare will challenge students and will help them develop the critical thinking and reading skills they will need in life. The writing students complete will also help them learn how to support their thesis with details from the text. Moreover, this class will help students develop cultural literacy, both about Shakespeare and the Renaissance.

Grades: 10-12

Prerequisites: English 9

Other: 1 Trimester

Course Name: Speech and Debate

Course Description: Students will be exposed to the basics of intrapersonal and interpersonal speaking experiences, oral interpretation of literature, and the structure and practice of debate. Students will build effective research, organizational, and public speaking skills through, lecture, independent and collaborative projects, and daily impromptu speaking activities. Basic effective speaking factors such as rate, pitch, volume, gestures, and eye contact will be key areas of study.

Course Rationale: Students should know and will benefit from knowledge and skills in the areas of intrapersonal and interpersonal speaking, as well as the ability to take a position and to provide supporting arguments. These skills are useful in personal and academic experiences and all career areas.

Grades: 10-12

Prerequisites: English 9

Other: 1 Trimester

Course Name: Video Production

Course Description: This class will introduce students to basic videography skills, including shotmaking, lighting, audio, project planning, directing, and editing.

Course Rationale: The skills learned in this class can be a springboard to real jobs in wedding videography, corporate videos, commercial production and more.

Grades: 10-12

Prerequisites: Experience in managing computer files and folders.

Other: 1 trimester

Fine Arts

Music

Course Name: Concert Band

Course Description: The JHS Concert Band is dedicated to the performance of high-quality band music. Members of this group are expected to help achieve this goal through practice and rehearsal. The band and each individual's performance is enhanced through rehearsal in song preparation, music reading skills, ear training, tone production, and intonation techniques in varying degrees. Emphasis is placed on experiences that are part of human expression in song and related arts. Activities include the opportunity for students to write about their musical experiences and view music as lifelong learning that contributes to quality of life. Members of the ensemble are expected to attend Band Camp in the fall and perform in the Comet Marching Band. Throughout the year the Marching Band performs at all home football games, the Hillsdale County Fair Parade, the Homecoming Parade, and the Tecumseh Memorial Day Parade. During concert season, students are expected to attend District Band Festivals, graduation, and four concerts throughout the school year. Members are also encouraged to participate in District and State Solo and Ensemble Festivals. One Physical Education credit will be waived for students who complete four full years of band. Concert Band may be repeated for credit, and members are expected to participate for the entire year.

Course Rationale: Jonesville High School is committed to providing an outstanding experience for those interested in instrumental and vocal music. Their ensembles have established a tradition of outstanding performance in venues throughout the state and are focused on building and learning skills that translate to success later on in life. There is a place in the JHS Band for anyone who wants to enjoy music and perform.

Grades: 9-12

Prerequisites: Participation in Middle School Band or with director's approval.

Other: 3 Trimesters

Course Name: Concert Choir

Course Description: Members of the Jonesville High School Choir rehearse and prepare music for performances that entertain educate, inspire, and/or provoke thought for both audience and the singer/choir. The choir and each individual's performance is enhanced through rehearsal in song preparation, music reading skills, ear training, dance, and vocal production techniques in varying degrees. Emphasis is placed on experiences that are part of human expression in song and related arts. Activities include the opportunity for students to write about their musical experiences and to view singing as lifelong learning that contributes to quality of life. In addition, students will gain confidence and build self-esteem as they perform music for the enjoyment and enlightenment of others as well as for themselves. Students continue to discover how their voices work together as an ensemble of singers in both traditional and show choir setting. Students have opportunities to audition in State Honor's Choirs in November and participate in Vocal Solo and Ensemble in February. Performances include a home football game in the fall, a Holiday Concert in December, a basketball game in the winter, a Spring Pops Concert, and graduation. No previous vocal experience is necessary. Credit is earned for each trimester taken, but singers are encouraged to participate for the entire year to participate in each performance opportunity.

Course Rationale: Jonesville High School is committed to providing an outstanding experience for those interested in instrumental and vocal music. Ensembles and individual choir members have established a tradition of outstanding performance in venues throughout the state, and are focused on building and learning skills that translate to success later on in life. There is a place in the JHS Choir for anyone who wants to enjoy music and perform.

Grades: 9-12

Prerequisites: None

Other: 1 Trimester

Visual Arts

Course Name: Advanced Art

Course Description: Students with all the basic skills in a variety of media will be provided with projects that push their boundaries and challenge their creativity. Students are expected to have goals and ideas about the work they would like to produce. The lives and work of famous artists will become a springboard into new ways of expressing.

Course Rationale: Much of the studio arts curriculum is designed to teach fundamental skills. This class will provide more opportunities for students who have obtained the basic skills to develop goals and ideas as well as express and refine their own creative language using a variety of available materials.

Grades: 11-12

Prerequisites: Design, Drawing, and one other visual arts class.

Other: 1 Trimester (Typically offered through independent study)

Course Name: American Film Arts

Course Description: Students will learn to critically view American films that are acknowledged masterpieces. By watching a variety of contemporary and historic film students will learn to better understand the creative decisions that went into making these films. The students will gain an appreciation of the history of American filmmaking and the contributions of major directors and producers. In addition to watching films, students will develop the ability to identify and evaluate the key aspects of film and communicate verbally and in writing about their observations. Students will discover how directors, producers, artists, actors and technicians combine their skills and vision to create a meaningful and memorable film.

Course Rationale: Film is a contemporary literature that involves the collaborative efforts of many artists and art forms. By the time students reach high school they may have enjoyed hundreds of films. With a sense of history of the art form and the observational tools to better understand films, students will be able to enjoy and appreciate all the films they watch.

Grades: 9-12

Prerequisites: None

Other: 1 Trimester

Course Name: Design

Course Description: Design is an introduction to the visual arts through the study of the elements of composition and their principles of organization. Students will work in a variety of media to develop and execute solutions to a variety of visual problems. Students will learn to apply artist's tools and techniques to express themselves and communicate ideas. In this class students will gain an understanding of how artists and designers create effective compositions. They will learn how to look at and analyze compositions of their own and professionals.

Course Rationale: Every manmade object we see or use from the simplest to the most complex was designed; it began as a drawing on paper. Our daily lives are filled with visual observations

and decisions. An understanding of how artists and designers work provides a greater understanding of the wide variety of images and objects we experience every day. Being able to effectively visualize, organize and create can become the doorway to many career opportunities.

Grades: 9-12

Prerequisites: None; no experience or proficiency in the arts is required.

Other: 1 Trimester

Course Name: Digital Imaging

Course Description: Digital Imaging is a discipline-based class designed to increase the students' understanding and proficiency with a variety of computer graphics methods and systems. The core of the class will be working with digital photography; however, scanning, drawing or painting images in both raster and vector systems will also be explored. Students will increase their understanding and proficiency in traditional photographic techniques, as well as in the adjustment and manipulation of those images in the digital realm. To insure that skills are relevant, students will be working with their own cameras and readily available software.

Course Rationale: From snapshots of your friends to the CG in the latest Hollywood films digital photography is becoming a dominant visual media. Both the composition and technical skills are important for improving your own photos or pursuing a graphics or photographic oriented career.

Grades: 9-12

Prerequisites: Design

Other: Students are expected to provide their own digital camera. 1 Trimester

Course Name: Drawing

Course Description: Drawing is a discipline-based class designed to improve everyone's ability to produce two-dimensional art. Drawing is taught as a skill that everyone can learn, not as a gift or talent given to just a few. In addition to the study of famous artists and their works, students will work in the studio on the technical aspects of seeing and drawing. Proficiency will be gained both in drawing realistically and in the use of organizational principles to draw expressively. Students will learn to effectively describe and analyze works of art by themselves and others. A variety of media will be explored, including graphite pencil, marker, and charcoal.

Course Rationale: Drawing is the most fundamental of all the visual arts and the skill most necessary for proficiency and growth in the fine or technical arts. Accurate drawing is the most important skill for any visual communication whether a quick sketch of an idea or drawings for the construction of complex systems.

Grades: 9-12

Prerequisites: Design

Other: 1 Trimester

Course Name: Painting

Course Description: Painting is an advanced, discipline-based class designed to improve one's understanding of how artists use color in creating expressive compositions. In addition to studying historically important art and artists, students will work with color and improve their expressive and technical skills through the production and evaluation of two dimensional works. Media explored will include watercolor and acrylics. Students will be involved in evaluating and displaying their work.

Course Rationale: Painting is the historically definitive media for traditional artists. Painting provides the best opportunity for students to explore and express themselves within or outside its rich historical tradition.

Grades: 9-12

Prerequisites: Design

Other: 1 Trimester

Course Name: Printing & Graphics

Course Description: Printing and Graphics is an advanced, discipline-based class with an emphasis on multiple-image visual arts media and how they can be a part of both the fine art and commercial art disciplines. It is an opportunity for students to explore and become familiar with some of the printing processes used by artists and industry today. In addition to studying historically important artists and printing methods, students will express their own ideas and creativity by printing images. The processes explored will primarily be block printing, etching, lithography, and screen printing. Students will work with computers to create images either to print or for pre-production in one of the other printing processes.

Course Rationale: Printing and graphic communications are core elements of our information society. The printing and graphics industry is a large part of the economy. An understanding of printing and graphic communication can lead to or enhance career opportunities. This class merges the technical understanding of printing processes with open ended creative expression that stimulates the imagination and completes the individual.

Grades: 9-12

Prerequisites: Design

Other: 1 Trimester

Course Name: Sculpture & Claywork

Course Description: Sculpture and Claywork is a discipline-based class designed to increase the students' awareness of space, form, and texture in the visual arts. By working with various materials, students will experiment by making sculptures in a variety of shapes and forms.

Students will explore three dimensional designs by cutting, gluing, forming, carving, molding, and assembling sculptures of different materials. Clay will be explored as a fine arts medium. Students will learn about the use of different clays, glazes, and forming techniques. Students will study the lives and works of famous sculptors and potters.

Course Rationale: Being able to visualize and design in three dimensions is an additional aspect of the arts that expands on the traditional design skills. Three dimensional organizational skills are important for architectural, interior design, landscaping, and construction industries. While providing opportunities for creative expression this class will improve students' fine motor skills while constructing interesting objects.

Grades: 9-12

Prerequisites: Design

Other: 1 Trimester

Health and Physical Education

Course Name: Comet P.E.

Course Description: The purpose of this class is to help in the total physical and mental development of the student. This class will introduce students to a wide variety of activities: physical fitness and testing, flag football, speedball, soccer, softball, basketball, volleyball, wrestling, track, and weight lifting.

Course Rationale: As our society continually gains weight, more physical activity is needed. This course will introduce students to physical fitness.

Grades: 9-12

Prerequisites: None

Other: 1 Trimester

Course Name: Cardio

Course Description: This class is designed to elevate the students' heart rates through a variety of activities including Tae Bo, Pilates, Step-Aerobics, and use of the stair stepper, elliptical machines, and bikes. Students wishing to take this course should be serious and dedicated about improving their cardiovascular health.

Course Rationale: Students will benefit by increasing their cardiovascular endurance and learning the skills to make it possible outside of the classroom.

Grade: 9-12

Prerequisites: None

Other: 1 Trimester

Course Name: Health Education

Course Description: A one-credit course in health, creating an awareness of one's physical, mental, emotional and social needs. It deals with nutrition, physical fitness, violence, relationships, safe driving, communicable diseases, chronic and disabling diseases, and abstinence-only sex education. The class also has units on alcohol, tobacco, and drug abuse. The semester is capped by standard first aid training, where the student will learn life-saving methods and cardiopulmonary resuscitation (CPR), along with learning how to use an automated external defibrillator (AED).

Course Rationale: Students will benefit by understanding how to develop life long healthful habits that they can carry on with them outside of the classroom. The skills learned will also help them to have a greater appreciation for their social, emotional, mental, and physical health.

Grades: 10

Prerequisites: None

Other: 1 Trimester

Course Name: Weight Training

Course Description: This class is designed for serious junior or senior varsity athletes interested in improving their skills. The workouts will be individualized to meet the needs of his or her varsity sport, with an emphasis on strength, conditioning, and improving agility and quickness.

Course Rationale: Students who wish to become better fit or to gain more muscle should take this course.

Grades: 11-12

Prerequisites: Comet PE

Other: 1 Trimester

Mathematics

Course Name: Algebra I

Course Description: Algebra I is the first course in the mathematics curriculum. In this course, students will study the algebra concepts that are most important for today's students and apply these concepts to solve many different types of problems. Skills will be developed in reasoning and problem solving. The course emphasizes the use of functions, equations, and graphs to model problem situations.

Course Rationale: This course serves as a prerequisite for Geometry and Algebra II. It covers material that is tested on the Michigan Merit Exam, which includes the ACT. The successful completion of Algebra I is required by the State of Michigan as a graduation requirement.

Grades: 9 (intended to be a first-year mathematics class taken as a freshman)

Prerequisites: None

Other: 2 Trimesters

Course Name: Algebra II

Course Description: Algebra II is a continuation of Algebra I, going into more depth in many subjects. Students will review basic concepts of algebra such as inequalities and proofs, linear equations and functions, and work with polynomials. They will also be introduced to algebraic concepts such as rational expressions, rational and complex numbers, quadratic equations and functions, variation and polynomial equations, analytic geometry, exponential and logarithmic functions, sequences and series, statistics and probability, and matrices and determinants. Finally, they will have a brief introduction to trigonometry.

Course Rationale: This course serves as a prerequisite for Pre-Calculus. It covers material that is tested on the Michigan Merit Exam, which includes the ACT. The successful completion of Algebra II is required by the State of Michigan as a graduation requirement.

Grades: 10-11 (typically taken after successful completion of Geometry)

Prerequisites: Algebra I

Other: 2 Trimesters

Course Name: A.P. Calculus

Course Description: Calculus is a college preparatory curriculum that continues covering many topics introduced in Pre-Calculus along with derivatives and integrals. This course is an Advance Placement Course. At the end of the course students should be able to take and pass the A.P. Exam.

Course Rationale: This is the final course offered in the Jonesville High School mathematics curriculum and prepares students for college-level mathematics.

Grades: 11-12

Prerequisites: Pre-Calculus

Other: 3 Trimesters

Course Name: Geometry

Course Description: Geometry introduces students to geometric concepts using inductive and deductive reasoning to prove properties of parallel lines, planes, triangles, quadrilaterals, and circles. They will also learn how to find the areas and volumes of solids and the areas of plane figures.

Course Rationale: This course serves as a prerequisite for Pre-Calculus. It covers material that is tested on the Michigan Merit Exam, which includes the ACT. The successful completion of Geometry is required by the State of Michigan as a graduation requirement.

Grades: 9-11 (typically taken after successful completion of Algebra I)

Prerequisites: Algebra I

Other: 2 Trimesters

Course Name: Pre-Calculus

Course Description: Pre-Calculus is a college preparatory curriculum that covers various topics such as relations, functions, and graphs; trigonometry, advanced functions (conics, sequences and series, exponential and logarithmic), and graphing; discrete mathematics (probability and statistics); and an introduction to calculus.

Course Rationale: This course serves as a prerequisite for Calculus and prepares students for college-level mathematics.

Grades: 11-12

Prerequisites: Geometry and Algebra II

Other: 2 Trimesters

Science

Course Name: Anatomy & Physiology

Course Description: This class will focus on structure and function of the human body. Students will delve into the workings of specific organ systems as well as study comparative anatomy through dissection of preserved specimens.

Course Rationale: A solid foundation in advanced science courses is fundamental to the success of students seeking careers in the science field – including but not limited to: health sciences, plant/animal sciences and forensic sciences.

Grades: 11-12

Prerequisites: Satisfactory completion of Biology with a C or better

Other: 1 Trimester

Course Name: Biology

Course Description: This class focuses on the organization and development of living systems, interdependence of living systems and the environment, genetics, evolution, and biodiversity.

Course Rationale: The study of life is the most fundamental way in which we learn about ourselves and our place in the natural world.

Grades: 9

Prerequisites: None

Other: 2 Trimesters

Course Name: Chemistry 1

Course Description: A required science course taken in the 10th grade. Students will begin a comprehensive investigation of the building blocks of matter. They will learn the rules that atoms follow when combining into the stuff of our world. They will explore both the role and the impact of chemistry in our society.

Rationale: This class will provide a basic understanding of the building blocks of matter that is necessary to understand the medicines, materials, and manufacturing processes of the 21st century.

Grades: 10

Prerequisite: Biology

Other: 1 Trimester

Course Name: Chemistry 2 & 3

Course Description: Chemistry is the study of matter. Areas of study include classifying matter, properties of matter, behavior of atoms, the periodic law, chemical bonding, and chemical formulas. Mathematical problem solving and laboratory investigation is involved throughout this course. This course is designed for the college-bound student.

Course Rationale: We & the entire world around us are, at one level, a combination of chemical elements. An understanding of how these elements combine and change is fundamental to our understanding of the matter and life in the universe.

Grades: 11-12

Prerequisites: Algebra I, and required science courses

Other: 2 Trimesters

Course Name: Chemistry 4

Course Description: Chemistry 4 involves the study of acids and bases, thermo-chemistry, chemical equilibrium, oxidation-reduction reactions, and organic chemistry. Mathematical problem solving and laboratory investigation is involved throughout this course. This course is designed for the college-bound student, especially those students interested in the health sciences.

Course Rationale: The study of chemistry continues with a deeper exploration of the chemistry of organisms and the chemical processes used in industry.

Grades: 11-12

Prerequisite: Chemistry

Other: 1 Trimester

Course Name: Earth Science

Course Description: A required science class for 9th grade. This class seeks to answer the question: What is our earth made of? Why are there mountains, lakes and rivers? What causes the seasons and weather? What is its place in the universe? By examining the systems of land, water, and air in both isolation and synthesis, students will gain a working understanding of our planet. A study of astronomy will give students a sense of our place in the universe we inhabit.

Rationale: An understanding of how the earth's systems operate, will provide a practical and useful understanding of things basic to everyday life.

Grades: 9

Prerequisite: None

Other: 1 Trimester

Course Name: Ecology

Course Description: This course will study the inter-workings of plant and animal communities. Hands-on learning through field work and experiments are central to this course. Aquatic systems will be the emphasis of this course.

Course Rationale: A solid foundation in advanced science courses is fundamental to the success of students seeking careers in the science field – including but not limited to: plant/animal sciences, marine biology and soil and water conservation.

Grades: 11-12

Prerequisites: Satisfactory completion of Biology with a C or better

Other: 1 Trimester

Course Name: Science 10

Course Description: The workings of machines, motion, energy, and waves are all part of our physical world. Students will study the various manifestations of matter and energy and learn how the understanding of governing principles allows us to predict the motion of objects, build electrical devices, and enhance the technology of our society.

Course Rationale: Every day, starting with the ringing of the alarm, we engage the mechanical and electrical devices of the 21st century. A basic understanding of the scientific principles behind these devices is necessary for every occupation.

Grade: 10

Prerequisites: None

Other: 1 Trimester

Course Name: Physics

Course Description: Television, iPods, automobiles, guitars, airplanes, and winning at football can all be understood through the study of physics. By studying motion, sound, light, heat, and energy, students will gain skills to understand much of the technology of our everyday life and be better prepared for the future. Students going to college or technical school will benefit from the thinking skills that are developed in this class. Emphasis will be placed on students obtaining an understanding of the concepts involved in both classical and modern physics. This class will add a historical and technological perspective to the traditional mathematical understanding.

Course Rationale: There are no careers that do not require or benefit from an understanding of the sciences. Physics along with Biology and chemistry provides the basic understanding necessary for 21st century opportunities. Virtually all new inventions and technologies grow out of an understanding of physics. By studying physics students will learn valuable concepts that form the basis for many careers. They will build confidence in their thinking skills as they learn to take risks, to make good guesses, and practice new problem solving skills.

Grades: 11-12

Prerequisites: The core science classes, Algebra, Geometry or Algebra II. Chemistry is useful, but not required.

Other: 2 Trimesters

Social Science

Course Name: AP U.S. History

Course Description: AP U.S. History is a challenging course that is meant to be the equivalent of a freshman college course and can earn students college credit. This class is designed for high-achieving, goal-oriented students to help prepare them for college. It is a three trimester survey of American history from the age of exploration and discovery to the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing and interpretation of original documents. College credit is only earned if the student earns a qualifying score on the Advanced Placement United States History test.

Course Rationale: This course is specifically designed to help students prepare for the Advanced Placement Exam given each spring and to prepare students for college-level History courses. Critical thinking and critical reading skills as well as college-level writing will help those students who intend to go to college.

Grades: 12th

Prerequisites: A in U.S. History or instructors approval

Other: Offered through ITV

Course Name: Civil War

Course Description: This course will focus on the battles and leaders of the Civil War. Other areas of study will include strategy and tactics, arms and equipment, and the experiences of both Union and Confederate soldiers. Students will also analyze the political aspects of this conflict including causes and consequences, the effect of slavery on society, effects on the family unit, and reconstruction.

Course Rationale: The Civil War was a period of internal struggles for many Americans as well as the country as a whole. This was a turning point in our history. This course will help students to comprehend how regional differences in the United States in the past have continued to keep the United States somewhat divided still today.

Grades: 9-12

Prerequisites: None

Other: 1 Trimester

Course Name: Economics

Course Description: This course will focus on four main components of economics. Students will be introduced to the study of the market economy, the national economy, the international economy and personal finance. Students will gain a basic understanding of fundamental constraints imposed by limited resources, the resulting choices people have to make, and the trade-offs they face. An understanding of how economies and markets work and how people function within them will also be emphasized. Finally, the concepts of benefits and costs of economic interaction and interdependence among people and nations will be studied.

Course Rationale: Understanding economics, what some people call “economic” literacy, is becoming essential for citizens in our national and increasingly interconnected world economy. Increasingly, productive members of society must be able to identify, analyze, and evaluate the causes and consequences of individual economic decisions and public policy including issues raised by constraints imposed by scarcity, how economies and markets work, and the benefits and costs of economic interaction and interdependence. Such literacy includes analysis, reasoning, problem solving, and decision making that helps people function as consumers, producers, savers, investors, and responsible citizens.

Grades: 9

Prerequisites: None

Other: 1 Trimester

Course Name: Global Issues

Course Description: This course is designed to give students a better understanding of political, social, economic, and historical events and their impact on the United States and the world. Using newspapers, CNN, the internet and other news agencies and sources, students will acquire a better understanding of today’s modern world and the events that impact the present and future.

Course Rationale: Being well-informed citizens is crucial in today’s world. Through the study of current events, students will become more aware of the impact the nation’s and world’s events have on them personally. Studying current events will also develop the student’s ability to make informed voting decisions as they grow older.

Grade Levels: 9–12

Prerequisites: None; Due to the constant change in content, students would be able to take this class multiple times

Other: If taken more than once, additional courses count as an elective credit, not a social studies credit. 1 Trimester

Course Name: Government

Course Description: This course is designed to give a comprehensive view of American National Government. A brief history of the development of America’s system of government is used to begin the course. From there, topics include areas of government such as: political parties, voter behavior, the electoral process, mass media, and interest groups. The executive, legislative, and judicial branches of government are examined and related to each other. Finally, the Civil Liberties and Civil Rights that Americans enjoy are examined and emphasized.

Course Rationale: Students must be prepared to enter the world of political and civic responsibility after high school. An understanding of American government and the political process, as well as an appreciation of the American democratic philosophy, are needed to be an active American citizen.

Grades: 12 or with instructor approval

Prerequisites: None

Other: 1 Trimester

Course Name: History Through Genealogy

Course Description: History Through Genealogy is a course designed to examine the historical and cultural experiences of your ancestors. Activities include doing research based on each students' ancestors' lives as well as studying the genealogical research process and highlighting major historical events that impacted our late ancestors as well as the genealogical process as a whole.

Course Rationale: This course is meant to make a historical impact on the students as we add emotion to the information by examining 20th century US and World events as they happened in relationship to the lives of each students' family.

Grades: 9-12

Prerequisite: None (however students may find it helpful to have completed US History)

Other: 1 Trimester

Course Name: The Middle East

Course Description: This class will be a comprehensive look at the history and geography of the region of the Middle East. A focus on the culture and religious views of the region will also be a focus. Attempts will be made to understand the reasons for the conflicts and violence that the area is experiencing and time will be spent on the many outside influences that have impacted the region's history, politics, and international relations.

Course Rationale: Since September 11, 2001 Americans have been forced to realize that we live in an ever shrinking world. Religious ideas, philosophies, and cultures that have little representation here in America are still impacting our nation and our lives. American students must enter the work force with more of a global perspective. This includes an understanding and appreciation of the history and culture of the Middle East.

Grades: 9-12

Prerequisites: None

Other: 1 trimester class

Course Name: Sociology

Course Description: This course explores topics dealing with human interactions, the development of societies, and the causes of social change. For example, students will study different aspects of human development, such as the different stages to adulthood. They will also study institutions that are important across different societies, including education and religion. Another purpose of this course is to make students aware of cultural diversity and to develop a respect for such diversity, so they will be asked to complete a research project about a specific culture. Throughout the course students will be asked to write papers, create power point presentations, complete homework assignments, and take tests. There may be a service-learning aspect to the course as well.

Course Rationale: Understanding each other and the nature of relationships is important. Ultimately, students will develop an understanding as to why the study of sociology is significant and will be able to apply this knowledge to their everyday lives.

Grades: 9-12

Prerequisites: None

Other: 1 Trimester

Course Name: Social Injustices

Course Description: What constitutes a social injustice? This one-trimester course explores both past and present social injustices that have impacted the world as students know it. Students will study injustices of the past, such as the unfair treatment of the Jews and other minority groups during the Holocaust or the injustices women, African-Americans, and other minority groups have suffered in the United States. Students will also research and learn about more current social injustices, such as what is currently happening in the Darfur region in Sudan or the difficulties facing people in Afghanistan. Students will be expected to participate in daily discussion, to take tests, to conduct research on different social injustices that have occurred, and to complete any homework. There may be a service-learning aspect to this course as well.

Course Rationale: The ultimate goal of this course is to make students aware of the injustices happening in the world and to help them become young people who want to help make the world a better place. Knowledge about different injustices, the causes for these injustices, and the ways to overcome these injustices will better equip students to become active citizens of the world.

Grades: 9-12

Prerequisites: None

Other: 1 Trimester

Course Name: Student Publications I, II, and III

Course Description: This course is an invitation to students to investigate and evaluate such areas of journalism as advertising, layout and design, graphics, photography, reporting, and caption and headline writing. Students will explore these areas and will layout pages for the yearbook. Much of the work in this activity-oriented class will be in the form of individual and group projects. The class will be working on producing the yearbook and publishing the district newsletters and homecoming programs. Student Publications will also examine the areas of photography and marketing as well as reporting. Each trimester the class will be involved in a number of fundraisers. This is a great deal of out-of-school time commitments required.

Course Rationale: This course gives students a chance to record one year of JHS history. In doing that, they will be required to be organized to meet deadlines and to be creative to design layouts. In addition, they must be inquisitive to find information and story possibilities.

Grades: 9-12

Prerequisites: Digital Imaging and Accounting are helpful but not required.

Other: 3 Trimesters

Course Name: Vietnam Era America

Course Description: This upper-level course will focus on political and military leaders, American foreign policy, the Vietnam War (battles, strategies and tactics, arms and equipment, the experiences of soldiers), and the counterculture movement and the home front.

Course Rationale: This course was created to offer students an opportunity to take a closer look at the Vietnam War, arguably America's most controversial war in American history, and the issues in the U.S. during this War. This course will primarily take a U.S. perspective, but will also include the perspectives of other nations in regards to the War. Our study will be through primary documents, journal articles, music, art and other literature related to the Vietnam Era, as there will be no formal textbook.

Grades: 9-12

Prerequisites: None

Other: This course will be offered every other year and is one trimester in length.

Course Name: U.S. History

Course Description: This course continues (from eighth grade) the study of American history, beginning with Reconstruction. Using a chronological approach, students will realize how ideas and events of the past have influenced the present. The students will study the past from an American perspective, but should always be aware of the many different perspectives involved. Students will also learn how generations of Americans of very diverse backgrounds have struggled to realize the promises embodied in the Declaration of Independence and the Constitution and have been united by the values that form the American heritage.

Course Rationale: “Those who do not learn from the past are condemned to repeat it.” In order to be productive citizens, students should have a basic knowledge of how our country came to be and how the decisions of many before us have helped shape our country into what it is today. By learning from the past, students, our future leaders, will be better equipped to make the decisions that will continue to influence and shape our country.

Grades: 11

Prerequisites: None

Other: 2 Trimesters

Course Name: World History

Course Description: This course deals with the historical, political, geographical, economic, and religious nature of the history of the world. It begins with the rise of the earliest civilizations and continues through the Vietnam Era. The course focuses on the Egyptian, Greek, and Roman cultures, and continues through the Middle Ages to the Renaissance, Reformation, Age of Revolutions, and ends with the more modern history of World War One, the Great Depression, World War Two, and the Vietnam Era. While the focus is mainly on Western Civilization, short units are devoted to India, China, South America, and Africa.

Course Rationale: World History focuses on the ideas and actions that have shaped our modern world. Critical participation in the contemporary world requires background knowledge of historical events from various perspectives, such as geography, economics, politics, and world religions.

Grades: 10

Prerequisites: None

Other: 2 Trimesters

Course Name: World War II

Course Description: This course will focus on the battles and leaders of World War II. Other areas of study will include the Holocaust, strategy and tactics, arms and equipment, the experiences of soldiers, and the home front. Students will also analyze the political aspects of this conflict including causes and consequences.

Course Rationale: This course was created to offer students an opportunity to take a closer look at World War II. Rather than examine this conflict exclusively through a U.S. perspective (as was done in U.S. History 11), this course will offer the opportunity and time to study the perspective of some of the other major participants of WWII. Our study will be through primary documents, journal articles, and other literature related to WWII, as there will be no formal textbook.

Grades: 9-12

Prerequisites: None

Other: One trimester

Success Courses

Course Name: Academic Success 11 or 12

Course Description: This course is designed for the Junior or Senior to prepare them for the ACT test. ACT Success 12 is geared toward seniors planning to retake the ACT in October or December. The ACT Success 11 course is divided into three sections. Each section will spend four weeks in math, four weeks in English, and four weeks in science.

Course Rationale: Every junior is required to take the ACT as part of the Michigan Merit Exam in March. This course is designed to ensure that our students are well prepared to take this examination.

Grades: 11-12

Prerequisites: None

Other: 1 Trimester. Students are required to take the ACT in order to take this course.

Course Name: High School Success

Course Description: When you get good grades, your parents, relatives and teachers are proud of you, school is much more fun, and you feel good about yourself. This class will help you improve your grades and increase your self-esteem, thus making every day at school more fun. Students will learn study skills, how to take good notes, how to get organized, and how to gather information from a text. They will also learn test-taking strategies.

Course Rationale: Students who earn all A's are not just lucky, they work at it. They manage their time well. Good students believe in themselves, study effectively, have good organizational skills, and are in school on time each day. If you increase your abilities in these areas, you will be successful in the classroom and enjoy school a whole lot more.

Grades: 9-12

Prerequisite: By invitation

Other: 1 Trimester

Course Name: Language Arts Success (Reading/Writing)

Course Description: This class focuses specifically on helping students develop their reading and writing skills. In order to improve their writing, students will study sentence structure, sentence variety, and certain aspects of grammar, including clauses and phrases. Much time will also be spent in teaching students how to organize their thoughts in writing. In order to improve their reading skills, students will study different strategies to increase reading comprehension. For example, students will learn how to use context clues, how to ask questions when they read, and how to identify important main ideas as they read a variety of texts. They will also study phonics and phonemic awareness.

Course Rationale: In order to be successful in school and in life, students need to know how to read and write. This class will help students who need to strengthen their skills as readers and writers.

Grades: 9-12

Prerequisites: none

Other: By invitation

World Languages

Course Name: Spanish I

Course Description: A two-trimester course for high school students, Intro to Spanish is to be considered a basic course in the study of the Spanish Language. It is basically an introduction to the Spanish language and culture. The primary focus of the course is to give students the building blocks for learning Spanish. It also gives students basic speaking abilities that will allow them to function at a lower level in a Spanish-speaking country and allow them to communicate with people who speak Spanish.

Course Rationale: Intro to Spanish encompasses the basic Spanish grammar, vocabulary, reading, and culture of the Hispanic world. An understanding of the Spanish language is a great benefit since it is predicted that by the year 2010 40% of the U.S. population's primary language will be Spanish.

Grades: 9-12

Prerequisites: None

Other: 2 Trimesters

Course Name: Spanish II

Course Description: This course is designed as the follow up course to Intro to Spanish. In this course students will be furthering their understanding of Spanish grammar and increasing their vocabulary. In addition, the course will incorporate Hispanic culture, which will further help students learn Spanish. The course includes interactive dialogues, drills, conversation situations, and a variety of oral and written exercises to improve students' ability to speak, write, and read Spanish.

Course Rationale: This course encompasses a greater understanding of the Spanish grammar and a greater ability to speak, understand, read, and write Spanish. The ability to speak and understand Spanish will be a very marketable skill now and in the upcoming year. Also the ability to speak Spanish allows students to communicate with a great number of people.

Grades: 10-12

Prerequisites: Students have passed Spanish I with a C or better

Other: 2 Trimesters

Course Name: Spanish III

Course Description: This is an advanced class, which will take the students' knowledge of both grammar and vocabulary and put it into a real-life situation. This class will help hone students' abilities and give them the ability to communicate fairly fluently in Spanish. There is also a greater study of Spanish-speaking countries and culture.

Course Rationale: This class will basically be a conversation class that will allow students to sharpen their speaking abilities. The ability to communicate at this level will hopefully allow students to be able to travel to Spanish speaking countries and communicate at an intermediate level.

Prerequisites: Passed Spanish II with a C or better.

Grades: 11-12

Other: 2 Trimesters

Course Name: Spanish IV

Course Description: This course will be an advanced course, which will deal with Spanish literature, history, and conversation. Literature will be taken from various countries, and history will cover Spain's history. Conversation will cover everyday life, literature, and history. The class will be conducted in Spanish.

Course Rationale: The understanding of the literature and history will give students a greater understanding of the Spanish language and culture.

Grades: 11-12

Prerequisites: Passed Spanish III with C or better

Other: 2 Trimesters

Courses Available Off-Campus

Jackson Area Career Center and Branch Area Career Center (Vocational) 6 Credits

A qualified junior or senior may schedule vocational classes out of Jonesville, with the counselor's permission. For tuition and transportation information please see your guidance counselor

Hillsdale Beauty College

COSMETOLOGY

A qualified junior or senior may schedule for cosmetology class at Hillsdale Beauty College or at the Jackson Area Career Center. Students must first apply and interview with the Jackson Area Career Center. If a student is admitted into their program, they may choose which school to attend.

Grades: 11-12

Credits: 6 Elective Credits

Hillsdale County Workforce Development and Technology Center

The HWDTC is operated by the Hillsdale County Intermediate School District and provides a variety of Career and Technical Education Training opportunities for students in Hillsdale County. All programs provide students the opportunity for “hands on” training within a career area of their interest and choosing. Students enrolled within each program area have the opportunity to earn High School and articulated College Credit and participate in work experience in area businesses and agencies. Please call (517) 437-3729 for more information.

CONSTRUCTION TRADES/RENEWABLE ENERGIES

The Construction Trades/Renewable Energies program provides students with the opportunity to take a “hands on” approach to the implementation of current alternative energy measures and green building techniques in residential construction. By participating in a variety of remodeling and new construction projects, including the building of a new home, students will be able to participate in all phases of construction including design, building and landscaping, the skilled trade areas, electrical, masonry and concrete, framing, roofing, siding, plumbing, insulation, drywall, painting and trim. Students will become familiar with renewable energy concepts and practice green building techniques through the installation and maintenance of solar panels, wind turbines, and other alternative energy sources. Through “hands on” projects and training, students will also learn to safely use large and small pieces of power equipment, ladders and scaffolding.

Grades: 11-12

Credits: 6 Elective Credits

COMPUTER AIDED DRAFTING AND DESIGN

The Computer Aided Drafting and Design program provides students with the foundation skills for careers in engineering – from architecture through the basic concepts of mechanical and civil engineering, to manufacturing, interior design, landscape design, tooling and game design.

Through a variety of “hands on”, project-based experiences using state of the art CAD software and technology, students develop skills in drafting and design, blueprint reading, diagnostic software, computer-aided manufacturing, geometric dimensioning and tolerancing, shop safety, basic machine theory and advanced 3-D concepts, modeling and design. Using state of the art “real world” Computer Aided Design and graphics software, students will master the concepts of design and gain experience in the processes used in engineering and manufacturing in today’s world.

Grades: 11-12

Credits: 6 Elective Credits

HEALTH SCIENCE/NURSING

The Health Science/Nursing program will assist students, through a variety of skill-based “hands on” scenarios and clinical instruction activities, to develop the foundation knowledge and core skills required for any health care career. Students will develop core foundation health care skills in medical terminology, medical math, anatomy and physiology, ethical and legal behavior including patient confidentiality and medical documentation, certifications in First Aid and CPR/AED, oral and written communication skills, personal and environmental safety and human growth and development. Students may also have the opportunity to expand their skills and knowledge in clinical settings arranged through local health care agencies and facilities including the Hillsdale Community Health Center and the Hillsdale County Medical Care Facility.

Grades: 11-12

Credits: 6 Elective Credits

HEALTH SCIENCE/EMERGENCY MEDICAL SERVICES

The Health Science-EMS program provides students the opportunity to develop the knowledge and skills required for careers within the field of emergency medical services. The program is certified by the State of Michigan as a certified EMT training program/facility. Students who successfully complete the EMT curriculum will be eligible to take the National Registry Examination. Upon successful completion of the National Registry Exam, students will become eligible for licensure as an EMT within the State of Michigan. Students develop core foundation emergency medical health care skills in medical terminology, medical math, anatomy and physiology, ethical and legal behavior including patient confidentiality and medical documentation, certifications in First Aid and CPR/AED, oral and written communication skills, personal and environmental safety, human growth and development, medical problem solving and diagnostic skills. The EMS curriculum and EMT certification are a strong foundation to careers in emergency medical services such as Paramedics, Flight Nurses, Firefighters or any related careers in critical care or public safety. Students may also have the opportunity to expand their skills and knowledge in clinical settings arranged through local health care agencies, facilities and emergency medical service providers.

Grades: 11-12

Credits: 6 Elective Credits

MULTI-MEDIA/MARKETING

The Multi-Media Marketing program provides students with the opportunity to develop and expand their creativity and skills within a technology centered business program. Students

develop fundamental business and marketing concepts in a “hands on” environment using state-of-the-art audio and video equipment and software. Business and Marketing principles are practiced daily through the operation of the “Breakpoint” school store. Students will have the opportunity to demonstrate their creativity and marketing skills using a variety of mediums. Through projects and activities using digital photography, audio and video production, screen printing and web design students will develop the skills and creativity to take their ideas from conception to finished product. Students may also have the opportunity to expand their knowledge and skills through internships provided by local media businesses and agencies.

Grades: 11-12

Credits: 6 Elective Credits

CRIMINAL JUSTICE/PUBLIC SAFETY

The Criminal Justice/Public Safety program assists students in the development of the personal and foundation skills required for Public Safety careers in Law Enforcement, Corrections, Fire Safety, and the court system. Students will develop a working knowledge of the American Criminal Justice System through a variety of “hands-on” activities, classroom instruction, projects and demonstrations. Students will gain insights into the system’s organizational structure, components and processes, the development of legal and public policy and the interrelationship between the police, attorneys, courts and the corrections system. Individuals will be introduced, through “hands on” activities, to the skills required to perform the duties expected of Protective Service personnel, including personal fitness, personal protection, CPR/First Aid certification, evidence collection, crowd management, traffic control, investigation, crime prevention and fire/emergency services. Students will also have the opportunity to expand their skills and knowledge through internships within local law enforcement agencies, public safety providers and the legal/court system.

Grades: 11-12

Credits: 6 Elective Credits

Dual Enrollment Option

Effective April 1, 1996, Public Act 160 created the Postsecondary Enrollment Options Act, commonly referred to as dual enrollment. This law directs school districts to assist students in paying tuition and fees for courses at Michigan public or private colleges or universities, if all of the following conditions are met:

1. Students are in grade 11 or grade 12.
2. Students can qualify for dual enrollment by taking one of the following assessments: PSAT, PLAN, ACT, or MME. For a complete list of qualifying scores, please see the counselor.

Additionally, according to P.A. 160, eligible students may take courses for which there are no endorsements, such as computer science, foreign language, history, political science, or psychology, as long as they have taken all sections of the MME, PLAN, ACT or College Board PSAT. State endorsement is not required in any specific area for this participation.

3. Students must be enrolled in both the school district and postsecondary institution during the local school district’s regular academic year and must be enrolled in at least one high school class.

4. The district must not offer the college courses. An exception to this could occur if the local board of education determines that a scheduling conflict exists, which is beyond the student's control.

5. The college courses cannot be a hobby, craft, or recreation course, or in the subject areas of physical education, theology, divinity, or religious education.

Student Responsibilities

If you believe you are eligible for dual enrollment, qualify for tuition and fee support, and wish to participate, contact the counselor and get approval by the principal.

The student is responsible for finding the course they wish to take and making sure that it will fit into their schedule. If a student withdraws or fails a dual enrollment course, which the district is paying for, they are responsible for reimbursing the district for the full cost of the course.