

VIENNA HIGH SCHOOL



Course Catalog

2018-2019

English/ Language Arts

Students must have 4 English credits to graduate high school.

English I

Grade: 9

Credit: 1 credit

Prerequisite: None

English I is the required first-year course in the language arts program. This course is designed to build student skills in understanding literature and the basic techniques of literary analysis, with a focus on appropriate language usage and the key steps of the writing process. Special attention will be given to selected thematic units that will provide a link between literature and the students' lives.

Honors English I

Grade: 9

Credit: 1 credit

Prerequisite: Middle school teacher recommendation with course grades A or high B in eighth grade English/Language Arts. Students must meet high school English Department honors criteria.

This course is designed for the more capable, highly motivated student who has demonstrated superior ability in previous English/Language Arts courses. The course emphasizes development of the writing process including the conventions of correct standard usage, mechanics, and vocabulary skills. Special attention will be given to selected thematic units that will provide a link between literature and the students' lives.

English II

Grade: 10

Credit: 1 credit

Prerequisite: Passing grade in English I

English II is the required 10th grade language arts curriculum which focuses on students' writing for a variety of topics using diverse sources. Writing instruction emphasizes vocabulary, accepted patterns of organization, development and support of ideas, and acceptable usage and mechanics which prepares students for future studies and for the workplace. Students will analyze and evaluate major writings in world literature and read and respond to literature.

Honors English II

Grade: 10

Credit: 1 credit

Prerequisite: Average an A or B in English I Honors or average an A in English I and recommendation from English I teacher.

This course is designed for the more capable, highly motivated student who has demonstrated superior ability in previous English/Language Arts courses. Writing instruction emphasizes vocabulary, accepted patterns of organization, development and support of ideas, and acceptable usage and mechanics which prepares students for future studies and for the workplace. Students will analyze and evaluate major writings in world literature and read and respond to literature.

English III

Grade: 11

Credit: 1 credit

Prerequisite: Passing grade in English II

Through the study of American literature from early Native American selections to modern works, this course emphasizes the continued student's development in the five core skills: reading, writing, speaking, listening, and thinking. The course will include the writing process to develop varied responses to the literature.

Honors English III

Grade: 11

Credit: 1 credit

Prerequisite: Average an A or B in English II Honors or average an A in English II and recommendation from English II teacher.

This course is designed for the more capable and motivated student who has demonstrated proficiency in Honors English II and who seriously wishes to prepare for the academic challenges of college. Through the chronological study of American literature from early Native American selections to modern works, this course emphasizes the continued student's development in the five core skills: reading, writing, speaking, listening, and thinking.

English IV

Grade: 12 **Credit: 1 credit**

Prerequisite: Passing grade in English III

English IV is for students who need their fourth credit of English, but are not quite ready for College Prep English. The course will prepare you for post-secondary. This course will emphasize reading, writing and speaking skills needed to be successful. Students in this course should be prepared to write essays, research papers, present speeches and read fiction and not-fiction literature.

College Prep English IV - Dual Credit course through Missouri State University – West Plains

Tuition: TBA **College Credits: 3 credits available per semester**

Grade: 12 **Credit: 1 credit**

Prerequisite: Average an A or B in English III Honors or average an A in English III and recommendation from English III teacher; must pass the Writing Sample given by Missouri State University – West Plains.

This course will include an in-depth practice in critical thinking based on selected works of British literature and college level readers. It will also focus on personal, informal essay writing and on advanced composition and research skills. Dual credit will be available in this course from Missouri State University – West Plains.

Public Speaking

Grades: 9-12 **Credit: 0.5 credit**

Prerequisite: None

This course is the basic oral communications course. Emphasis is placed on oral interpersonal communication, public speaking, and small group discussion. Students receive instruction and guided practice through various types of formal speaking: informative, persuasive, demonstration, entertaining, and special occasion.

Research of Authors

Grades: 10-12 **Credit: 1 credit**

Prerequisites: The student must be enrolled in another English class during the same academic year.

This course is designed to give students an opportunity to learn more about authors and their writing styles. Students spend each quarter researching one author. Student must read multiple books, write a lengthy research paper and give an oral presentation using technology as a cumulative activity. This course will focus on reading, research, writing, and public speaking.

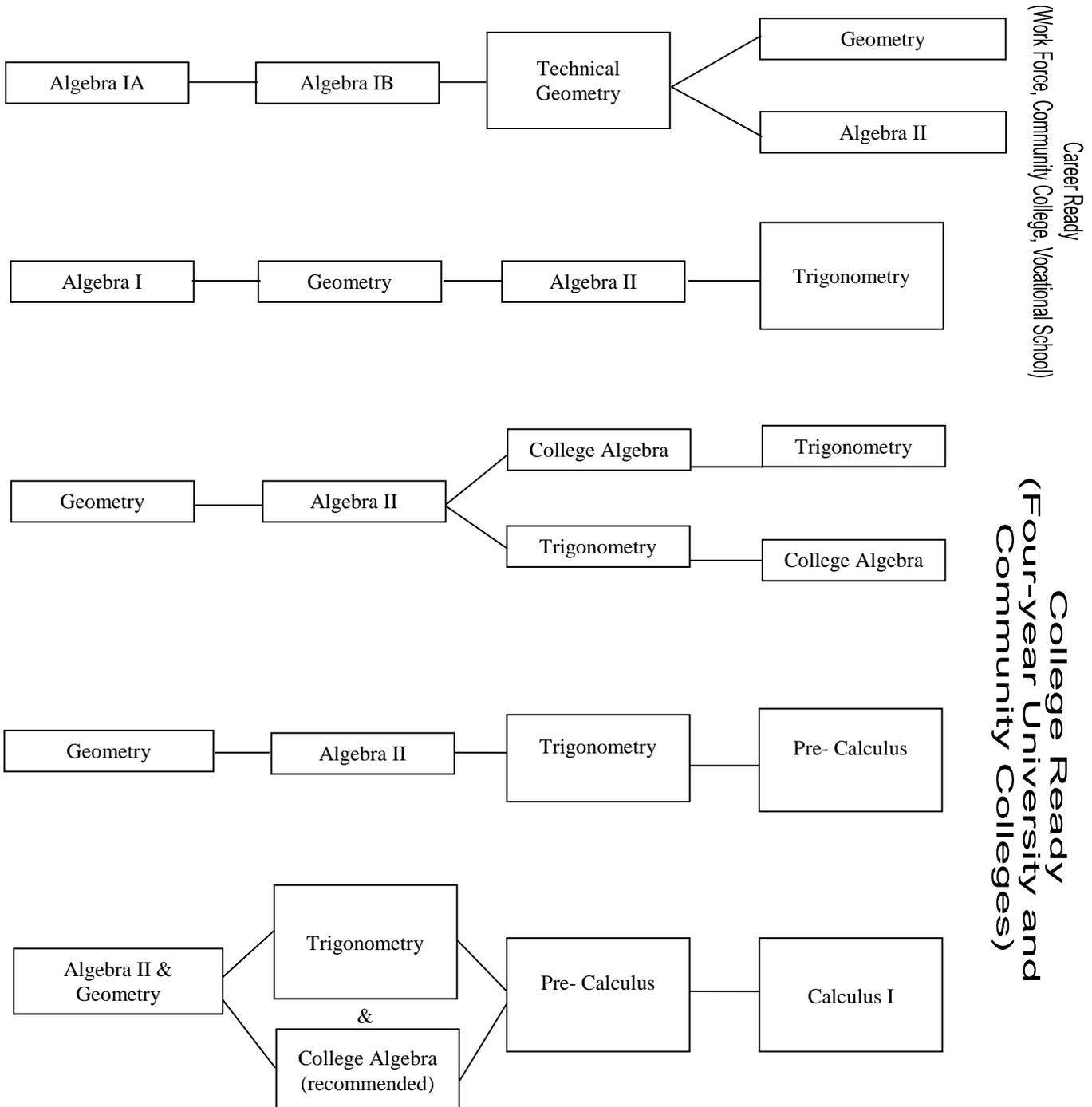
Mathematics

Students must have 3 mathematics credits to graduate high school.

- *Students planning to attend a four year university should have a minimum of 4 units of mathematics.*

Math Department Sequence Policy and Chart

Students must meet the prerequisite for each math course as written in the Course Description Handbook. If a student fails to meet the prerequisite for the next course in the math sequence, he/she must repeat the class in which he/she was last enrolled or take the course, if offered, in summer school earning at least the prerequisite to continue in the math sequence. Parents and students are strongly encouraged to investigate college admission requirements before choosing a math sequence path in the 9th grade. Many colleges require 4 units of credit in Algebra I and higher.



Algebra IA

Grades: 9-12

Credit: 1 credit

Prerequisite: None

Algebra IA is the first of a two-part Algebra program. Successful completion of both Algebra 1A and Algebra 1B fulfills the graduation requirement for Algebra 1. Algebra IA introduces basic algebra concepts and assists in building skills for performing specific mathematical operations and problem solving. Students will solve equations, evaluate algebraic expressions, solve and graph linear equations and linear inequalities, graph lines, and solve systems of linear equations and linear inequalities. Students who have successfully completed Algebra 1 may not take this course for credit.

Algebra IB

Grades: 10-12

Credit: 1 credit

Prerequisite: Passing grade in Algebra IA

This course continues the study of the topics covered in Algebra 1A. Topics specific to the Algebra 1B course include: linear equations and linear inequalities, quadratic equations, polynomials, properties of exponents, analyzing graphs and functions, and radical expressions. Students who have successfully completed Algebra 1 may not take this course for credit.

Algebra I

Grades: 9-12

Credit: 1 credit

Prerequisite: C average higher in 8th grade Pre-Algebra

Algebra I is the study of algebraic expressions, equations, inequalities, and functions. Some of the topics covered include simplifying expressions, real numbers, solving equations/inequalities, graphing equations/inequalities, writing linear equations/inequalities, absolute value equations/inequalities, systems of equations/inequalities, direct and inverse variation, exponents and exponential functions, polynomials, factoring, quadratic equations, rational expressions/equations, radicals, and connections to geometry.

Geometry

Grades: 9-12

Credit: 1 credit

Prerequisite: C average or higher in Algebra I

Geometry is a course in logic, proof, and measurement. Students will develop their ability to construct formal, logical arguments and proofs in geometric settings and problems. Some of the topics covered include definitions, postulates, and theorems regarding angles, segments and lines, arcs, congruent triangles, similar triangles, special quadrilaterals, parallel lines, circles, coordinate geometry, area and volume formulas, transformations, constructions, and right triangle trigonometry.

Technical Geometry

Grades: 10-12

Credit: 1 credit

Prerequisite: Passing grade is Algebra IB or Algebra I

This course incorporates the same core geometric concepts required in a standard geometry course but includes additional topics that focus on career and technical applications. The structure of the course will include teaching groups of skills and concepts followed by their incorporation in a real world application and setting.

Algebra II

Grades: 10-12*

Credit: 1 credit

Prerequisite: C average or higher in Algebra I

Algebra II is a course that extends the content of Algebra I and provides further development of the concept of a function. Within this course, the number system will be extended to include imaginary and complex numbers. The families of functions to be studied will include polynomials, absolute value, radical, trigonometric, exponential, and logarithmic functions. It also introduces matrices and their properties. ***(9th grade enrollment must be approved by the 8th grade instructor, Algebra II teacher, and student advisor)**

Statistics

Grades: 10-12

Credit: ½ credit

Prerequisite: B average or higher in Algebra II & Geometry

This course is a one semester course introducing statistical reasoning. Topics include frequency distributions, measures of central tendency and dispersion, elementary probability theory, statistical inference, data analysis, commonly occurring distributions (binomial, normal, etc.), estimation, and testing of hypotheses.

Trigonometry

Grades: 10-12 **Credit: 1 credit**

Prerequisite: B average or higher in Algebra II & Geometry

This course is a one semester course introducing trigonometric concepts. Topics include the study of trigonometric functions and their applications, trigonometric graphs, trigonometric identities and equations, inverse trigonometric functions, the Law of Sines, and the Law of Cosines.

College Algebra

Grades: 10-12 **Credit: 1 credit**

Prerequisite: B average or higher in Algebra II & Geometry

The content in a college algebra course centers on algebraic relationships, functions and graphs that go beyond basic algebra. Students learn to solve for one or two unknown variables in a variety of complex equations. They also learn to graph intermediate-level algebraic functions, such as single-variable polynomial functions. Instructors cover topics such as quadratic and rational inequalities, linear and quadratic variables, remainder and factor theorems and exponential and logarithmic functions. To participate in the dual credit, students must have a 22 on their ACT math score.

Dual Credit College Algebra – Dual Credit course through East Central College, Union, MO

Tuition: \$50/ credit hour **College Credits: 3**

Grades: 10-12 **Credit: 1 credit**

Prerequisite: B average or higher in Algebra II & Geometry and ACT Math subtest score of 22 or higher.

The content in a college algebra course centers on algebraic relationships, functions and graphs that go beyond basic algebra. Students learn to solve for one or two unknown variables in a variety of complex equations. They also learn to graph intermediate-level algebraic functions, such as single-variable polynomial functions. Instructors cover topics such as quadratic and rational inequalities, linear and quadratic variables, remainder and factor theorems and exponential and logarithmic functions. **To participate in the dual credit, students must have a 22 on their ACT math score.**

Pre-Calculus – Dual Credit option through East Central College, Union, MO

Tuition: \$50/ credit hour **College Credits: 5**

Grades: 11-12 **Credit: 1 credit**

Prerequisite: B average or higher in Algebra II, Geometry, & Trigonometry. (Concurrent enrollment in Trigonometry is acceptable).

Through this course, students will acquire a solid foundation in algebra and trigonometry. The course concentrates on the various functions that are important to the study of the calculus. Emphasis is placed on understanding the properties of linear, polynomial, piecewise, exponential, logarithmic, and trigonometric functions. Students will learn to work with various types of functions in symbolic, graphical, and numerical form. **To participate in the dual credit, students must have a 26 on their ACT math score.**

Calculus I – Dual Credit option through East Central College, Union, MO

Tuition: \$50/ credit hour **College Credits: 5**

Grades: 11-12 **Credit: 1 credit**

Prerequisite: B average or higher in Pre-Calculus

Some of the topics covered include limits; continuity; the Fundamental Theorem of Calculus; definition of the derivative of a function, techniques of differentiation of algebraic, trigonometric, and transcendental functions; applications of derivatives (maximizing or minimizing a function, mean value theorem, related rates, curve-sketching, optimization); definite and indefinite integration of algebraic, trigonometric, and transcendental functions; and applications of integrals (calculation of areas and volumes, accumulation of change, differential equations). **To participate in the dual credit, students must have a 30 on their ACT math score.**

Science

Students must have 3 science credits to graduate high school.

Physical Science

Grades: 9 **Credit: 1 credit**

Prerequisite: None

All 9th grade students must be enrolled in this course. The 9th grade science class studies all aspects of science including introductory physics, chemistry, biology, geology, etc. This course provides a good foundation for upper level science courses.

Biology

Grades: 10-12 **Credit: 1 credit**

Prerequisite: Physical Science

This course is the study of life. It covers everything from the single celled-organisms to the human body.

Chemistry I

Grades: 10-12 **Credits: 1 credit**

Prerequisite: Physical Science & a grade of C or higher in Algebra I. Concurrent enrollment in Trigonometry is a plus.

This course is the study of matter and its ability to react and form new substances. This class requires an ability to read and comprehend as well as be able to do much routine work and problem solving.

Advanced Biology – Dual credit option with Central Methodist University, Fayette, MO

Tuition: \$80/credit hour College Credit Hours: 4

Grades: 11-12 **Credit: 1 credit**

Prerequisite: Biology with a C average or higher

This is an advanced class building on the materials introduced in Biology I. Students will take an in-depth study at everything from the single celled-organism to the complex structure of the human body.

Chemistry II

Grades: 11-12 **Credit: 1 credit**

Prerequisite: Chemistry I with a C average or higher

This advanced; weighted course builds on the foundation started in Chemistry I. Students can take the Advanced Placement exam at the end of the school year to earn college credit if they score high enough on the exam.

Forensic Science

Grades: 10-12 **Credit: ½ credit**

Prerequisite: Needs to be taking or have completed Chemistry I and/or Biology

This course will draw from biology and chemistry to help the student understand how criminologists use science to aid them in “catching” the perpetrators of crimes. A basic understanding of the principles of Biology and Chemistry is very beneficial. **(This course pairs with Astronomy in the class schedule.)**

Geology

Grades: 10-12 **Credit: ½ credit**

Prerequisite: Physical Science

This course is the study of the Earth, its origin, composition and processes plus the tectonic and biological events in Earth’s history. **(This course pairs with Meteorology in the class schedule.)**

Meteorology

Grades: 10-12 **Credit: ½ credit**

Prerequisite: Physical Science & taken/ currently taking Algebra I

This course is the study of the Earth’s atmosphere, weather, and climate. **(This course pairs with Geology in the class schedule.)**

Astronomy

Grades: 10-12 **Credit: ½ credit**

Prerequisite: Physical Science & taken/ currently taking Algebra I

This course studies the stars, planets and outer space. Special activities and homework assignments requiring stargazing and the learning of constellation names and stories make this course an interesting and beneficial one to those who like science. **(This course pairs with Forensic Science in the class schedule.)**

Anatomy & Physiology

Grades: 10-12 **Credit: 1 Credit**

Prerequisite: Have taken or be enrolled in Biology I

This course studies the function of the systems of the human body.

Physics

Grades: 10-12 **Credit: 1 credit**

Prerequisite: Physical Science & Algebra I required; concurrent enrollment in Algebra II/Trig recommended.

This course is the study of the way things work in the physical world. Force, motion, energy, light, heat, etc. are all studied. This course requires the ability to mathematically solve problems.

Environmental Science – Dual credit option with Central Methodist University, Fayette, MO

Tuition: \$80/credit hour **College Credit Hours: 4**

Grades: 11 – 12 **Credit: 1 credit**

Prerequisite: C average or higher in Biology I

Environmental biology looks at the inner workings of the environment. It discusses the risks, concerns, and economics of pollution and conservation as well as renewable energy sources. It will look at land and water uses and how to initiate sustainable practices.

Social Studies

Students must have 3 Social Studies credits to graduate high school.

- *Students must take American History, Government, and Personal Finance.*
- *Students must pass the Missouri and Federal Constitution exams, given during the Government course, in order to graduate.*

World History

Grades: 9-12 **Credit: 1 credit**

Prerequisite: None

This course is designed to be the 9th grade history course. This course will cover events from the Age of Explorers to modern times. The course will look at a historical, geographical, and the cultural approaches to the present and future of man. Students will develop the ability to think critically on historical issues that still impact the world in present days.

American History (graduation requirement)

Grades: 10-12 **Credit: 1 credit**

Prerequisite: World History

This course is designed to be the 10th grade history course. This course presents basic information needed to understand our nation's government and economy as well as its application to our nation's history. Students will develop the ability to think critically, to identify and understand both our nation's strengths and weaknesses and its successes and failures. The time period covered is from the reconstruction era to the present.

Government (graduation requirement)

Grades: 11-12 **Credit: 1 credit**

Prerequisite: American History

This course examines the structure and principles of American Government at all levels. Emphasis is placed on the national government. The Federal and State Constitution are part of the curriculum.

Personal Finance (graduation requirement)

Grades: 10-12 **Credit: ½ credit**

Prerequisite: Have taken or currently taking World History

This course will cover the basic concepts of finance, income, money management, spending & credit, and saving & investing. Students will learn how to effectively manage their money in this course.

Current Issues (also named Contemporary Issues, Global Issues, & Recent World Issues)

Grades: 10-12 **Credit: 1 credit**

Prerequisite: World History

This course focuses on events that are happening in the world today. Print and digital media will be used as the text for this course. The students must be ready to discuss events and issues in class. This course will require excellent note taking skills and a rigorous investigation of current issues and the back ground that affects the topics today. Several research projects and weekly quizzes will be assigned.

Economics

Grades: 11-12 **Credit: ½ credit**

Prerequisite: American History

A variety of topics concerning the social studies discipline of economics will be discussed, which will include, but not limited to, supply and demand, free enterprise, business cycles, the stock market, banking, and personal finance. Students will be required to complete class assignments, journals, tests, reports, and presentations on topics covered during the course.

Psychology

Grades: 11-12 **Credit: ½ credit**

Prerequisite: American History

The topics discussed in this course will include, but not limited to, major areas and innovators of the science of psychology, mental development, diagnosis of mental illnesses and other influences on people's thinking and behavior. Students will develop critical thinking skills that will enable them to understand how they can use psychology to understand the world

Fine Arts

Students must have 1 credit of fine art to graduate high school.

Art I

Grades: 9-12 **Credits: 1 credit**

Prerequisite: None

This introductory course is a survey of two-dimensional and three-dimensional design. It is designed for the students who have an interest in drawing, painting, textiles, sculpture, crafts, and art history. Students will learn skills and techniques to apply the principles of design in each project.

Art II

Grades: 10-12 **Credits: 1 credit**

Prerequisite: Art I

This advanced course is a survey of two dimensional design, color theory, value and art history. Students will learn skills and techniques in mastering life drawing and painting. The elements and principles of art will be emphasized.

Art III

Grades: 11-12 **Credits: 1 credit**

Art III centers on Art history beginning with non-western art; focusing on India, China, Korea, and Africa in the 1st semester followed by western art from the Ice age to classical Greece, the Medieval Era, Renaissance, Baroque, impressionism and contemporary art in the second semester. Students will learn what artwork as well as what medium and subject matter were prevalent during these times. We will also discuss what influenced them as well as what part art played in society during those periods. We will also discuss how the elements and principles of design were utilized throughout these different styles.

Art IIV

Grades: 12 **Credits: 1 credit**

Art IV will focus on various mediums and their qualities and limitations. Sculpture, oil painting, water based painting including watercolor and acrylic, wire, ceramics, and paper. Students will have the opportunity to use their knowledge of the elements and principles of design to create original works. They will describe their influences or similarities in their work to that of artists throughout history. Critics will be written about each of their works using the critical method.

Varsity Band

Grades: 9-12 **Credits: 1 credit**

Prerequisite: 1-2 years of Band

Tryouts begin in the spring or you will need a recommendation from the band director to enroll. The course covers marching band, concert band and pep band. Attendance at all practices and performances is required.

Jazz Band

Grades: 10-12 **Credits: 1 credit**

Prerequisite: Must be enrolled in high school band and/or choir.

This course is for sophomore through seniors. Students must have the music reading ability. The course will cover all genres of music with emphasis applied in theory and improvisation. The group will require fall and spring performances, with a competition in February.

High School Choir I

Grades: 9-12 **Credits: 1 credit**

Prerequisite: Membership is by application only

This choir is intended for the highly motivated student interested in improving their vocal abilities. This ensemble is a performance class. It is expected that participation in this class is an agreement to attend **ALL** scheduled concerts. This class will emphasize fundamentals of good choral singing. These skills and concepts will include good vocal tone production, sight-reading skills, and music history and performance practices for a varied repertoire of quality choral literature. An application is available from the counselor or the choir director.

High School Choir II

Grades: 9-12 **Credits: 1 credit**

Prerequisite: None

This ensemble is a performance class. It is expected that participation in this class is an agreement to attend **ALL** scheduled concerts. This class will emphasize fundamentals of good choral singing. These skills and concepts will include good vocal tone production, sight-reading skills, and music history and performance practices for a varied repertoire of quality choral literature.

Music Fundamentals

Grades: 9-12 **Credits: 1 credit**

Prerequisite: None

This is a class that studies music theory (rhythm, pitch, harmony, melody, notation, etc.), music instruments, musicals, and some history of music. It fulfills the requirement of a fine art credit for those students not in band, choir or art. There is one project required and there are many music activities for students to experience. **This course may not be entered into at semester.**

Physical Education

Students must have 1 credit of physical education to graduate high school.

- *Students may not enroll in more than one physical education course at a time.*

Physical Education

Grades: 9-12

Credit: 1 credit

Prerequisite: None

This course is designed to introduce students to a variety of physical education activities. An emphasis will be placed on physical fitness development that is vastly needed for one's optimum efficiency physically, mentally and emotionally. Physical fitness testing at the beginning and the end of the semester will determine one's level of improved fitness. The Presidential Physical Fitness Award will be presented to those who qualify. Students will be expected to have an understanding of the concepts of physical conditioning and its importance to lifetime health and wellness. A written final will be given. Activities will be selected from such activities as: rhythm and dance (aerobics, line dancing); net games (volleyball, volley tennis, cage ball, and badminton); team sports (basketball, gym hockey, kickball, softball, line soccer, flag football).

Body Conditioning (Also titled Weight Training)

Grades: 9-12

Credits: 1 credit

Prerequisite: None

This course is designed for extensive training in fitness and wellness. Students will have daily aerobic and stretch workouts. This includes rope jumping, step workouts, running and aerobic dance. Measurements will be taken of each person's level of cardiovascular fitness, flexibility and body composition.

Strength training will include weight room circuits where muscular endurance and muscular strength will be measured and personal goals and workouts will be required. The grade for part of this class is dependent on meeting those goals as well as knowledge of basic physiological principles related to the components of physical fitness including body composition, cardio respiratory functioning, muscular strength and endurance, flexibility and the application of fitness principles to one's personal lifestyle. Personal goals and workouts will be required and the grade will reflect one's improvement in these areas of fitness.

Practical Arts

Students must have 1 credit of practical art to graduate high school.

- *Students must take ½ credit of Computers to graduate high school.*

Career Education Courses

Computers

Grades: 9-12 **Credit: ½ credit**

Prerequisite: None

All 9th grade students need to be enrolled in this course. Introduction of the most commonly used software—Microsoft Office. Students will learn the basic operations in Microsoft Word, Excel & PowerPoint. Computer problem solving and analysis will be incorporated into projects. This course will meet the computer course requirement for graduation. **This is a semester course and required for graduation.**

Business Communications

Grades: 10 – 12 **Credit: 1 Credit**

Prerequisite: Computers

This course provides reinforcement of student's basic language arts skills, (composition, grammar, spelling, punctuation, etc.) and development of essential competencies for oral and written communication in today's technological workplaces. Emphasis is placed on using the computer to compose and produce accurate and effective documents (including letters, memos, reports, etc.) for personal and professional purposes. Using technology to develop oral communications skills such as making presentations, giving instructions, interviewing and making reports in an effective manner is reinforced in this course. **This course may not be entered into at semester.**

Business Technology

Grades: 10 – 12 **Credit: 1 Credit**

Prerequisite: Computers

This area of instruction addresses the technology knowledge and skills required of students entering the workplace. The students will type letters, memos, and various other projects. Students will be able to use the many functions of the Microsoft Office software. Keyboarding skills are a must for this course. **This course may not be entered into at semester.**

Accounting

Grades: 11-12 **Credit: 1 credit**

Prerequisite: None

This course is designed to build a basic understanding of manual and automated accounting principles, concepts, and procedures. Activities include using the accounting equation, completing the accounting cycle, entering transactions to journals, posting to ledgers, preparing end-of-period statements and reports, managing payroll systems, completing banking activities, calculating taxes, and performing other related tasks. **This course may not be entered into at semester.**

Desktop Publishing/ Yearbook

Grades: 11-12 **Credit: 1 credit**

Prerequisite: Application REQUIRED; Computer experience.

Instruction in this area is designed to utilize the many face of desktop publishing. Projects in this class will include, but not limited to producing a high school and elementary yearbook. The students will access and utilize Adobe Photoshop and Yearbook Avenue, manipulate layouts, sell ads, create ad pages, brainstorm for ideas, idea development, budget planning, sale and distribution, know rights and responsibilities, and have multi-level interaction with the students, staff and community. **This course may not be entered into at semester.**

Agricultural Courses

Ag Science I

Grades: 9-12 **Credit: 1 credit**

Prerequisite: None

This first course in agricultural education is designed for freshmen and first-year agriculture students. Units studied include leadership ability & development, livestock care, selection & breeding, career selection, supervised agricultural experience (SAE) program development and the use of basic hand tool and power equipment. Completion of Ag Science I is strongly recommended prior to enrollment in other agricultural education courses.

Ag Science II

Grades: 10-12 **Credit: 1 credit**

Prerequisite: Ag Science I

This is the second-year course in the agricultural education curriculum. It is designed to introduce students to basic plant and soil science. Included in the course is the study of plant selection, reproduction, production practices, soil history, make-up, texture, and fertility and grassland management techniques. Ag II students learn additional Ag Mechanic skills. Ag I and Ag II are strongly recommended prior to enrollment in any other agricultural courses.

Floriculture – Dual credit option through Missouri State University, West Plains, MO

Tuition: \$70/credit hour

Grades: 11-12 **Credit: ½ credit**

Prerequisite: Must have taken Ag Science I and have taken/currently taking Ag Science II

This course includes the production of flowers and floral products. It is designed to introduce students to basic floral tools, flowers, common disorders and diseases, soil components, and design. Students in this course will grow flowers in the greenhouse, and market them to sell in the community. This class is an intracurricular with FFA; and you will be required to pay FFA Dues at registration to take the course. FFA gives you the opportunity to compete in contests, trapshooting, go on trips, attend leadership conferences, and earn college scholarships and awards. Three sciences based agricultural education credits will also count towards one general science credit. **This course is paired with Greenhouse Operation & Management.**

Greenhouse – Dual credit option through Missouri State University, West Plains, MO

Tuition: \$70/credit hour

Grades: 11-12 **Credit: ½ credit**

Prerequisite: Must have taken Ag Science I and have taken/currently taking Ag Science II

This course allows students hands-on real world scenarios for plant propagation, greenhouse management, asexual propagation, calculating cost and maintaining a positive relationship with customers through sales from the agricultural department's greenhouse. Plant parts and anatomy are taught to better develop student understanding of basic plant process of photosynthesis, respiration, and growth. **This course is paired with Floriculture.**

Veterinary Science – Dual credit option through Missouri State University, West Plains, MO

Tuition: \$70/credit hour

Grades: 11-12 **Credit: ½ credit**

Prerequisite: Must have taken Ag Science I and have taken/currently taking Ag Science II

This course is an advanced study in animal production, management, marketing, nutrition, breeding, production records, selection, animal health, waste management and biotechnology. Beef cattle, dairy cattle, horses, sheep, and swine are studied.

Ag Construction (Welding) – Dual credit option through Missouri State University, West Plains, MO

Tuition: \$70/credit hour

Grades: 11-12 **Credit: ½ credit**

Prerequisite: Must have taken Ag Science I and have taken/currently taking Ag Science II

During this fall semester class, students will develop competencies in welding with AC/DC arc welders, oxyacetylene gas welders and gas metallic arc welders (GMAW). This course is a prerequisite for Ag Construction II (Project Welding).

Family and Consumer Science

Foods

Grades: 10-12

Credit: 1 credit

Prerequisite: None

The first part of this course prepares individuals to understand the principles of nutrition and how to select, prepare, and store food for individual and family need. Planning, organization and safety in the kitchen are also included. The second part studies the more advanced techniques in preparation of food for individuals and commercial applications. This course may not be entered into at semester.

Child Development

Grades: 10-12

Credit: 1 credit

Prerequisite: None

This course involves the study of prenatal development, infants, and parenting skills for the child to the age of one. Activities may include experience with the baby simulator, visiting day care facilities, outside speakers and a field trip to the maternity ward.

Family Health

Grades: 9-12

Credit: ½ credit

Prerequisite: None

All 9th grade students should be enrolled in this course. This instructional program prepares individuals to understand the related aspects of health in family living. Special emphasis is on nutrition, emotional health and physical health, relation-ship of the health of an individual to the well-being of the family and prevention of illness.

Elective Courses

ACT Prep

Grades: 10-12 **Credit: ½ credit**

Prerequisite: College bound students who need to improve their test score. The student must be enrolled in another English class during the same academic year.

This course is recommended for all 11th grade students. This semester course will help prepare students for the ACT. Elements of the course, all proven to help students score higher on the test include: vocabulary building, ACT subject specific instruction, and practice tests. This course will not be offered to freshman.

A+ Tutoring

Grades: 11-12 **Credit: ½ credit**

Prerequisite: A+ Student in good standing

This course will allow an A+ Student to fulfill their requirement for the A+ Tuition incentive. It will provide an opportunity to learn about teaching by working with an experienced teacher for one period each day. Students are required to keep a daily journal explaining their experiences, do a professional journal article review each quarter, teach a formal lesson each quarter with supervising teacher assistance, and write a final summary paper of their overall experience. The grade will be earned based on the criteria listed above and evaluations from the supervising teacher. **The student must have permission of A+ Coordinator and supervising teacher.**

World Language

- *Students planning to attend a four year university should have a minimum of Spanish I & II.*

Spanish I

Grades: 9-12 **Credit: 1 credit**

Prerequisite: C average or higher in 8th grade English/ English I/ English II or teacher recommendation

Spanish I is the foundational course in the exciting and rewarding experience of learning a world language. The course combines communication-both oral and written, cultures, connections, comparisons and communities with interesting content, varied and effective methodologies, interactive activities and an ongoing discussion of the wealth of opportunities available to students through the study of Spanish. Spanish I students will become fluent in basic conversations. They will demonstrate understanding of key grammatical principles and use of the present and preterit tenses. Cultural studies will involve the countries of Central and South America. Various supplemental activities, such as songs, dance, projects, etc.; designed to appeal to.

Spanish II

Grades: 10-12 **Credit: 1 credit**

Prerequisite: C average or higher in Spanish I

In Spanish II, students will continue to develop their listening, speaking, reading and writing skills. Grammatical accuracy, adequate fluency and acceptable writing style are all of concern. Throughout the course the Spanish II student will continue to develop sensitivity to the value system and behavioral patterns of the Spanish-speaking world.

Spanish III

Grades: 11-12 **Credit: 1 credit**

Prerequisite: C average or higher in Spanish II

This course builds upon knowledge gained in Spanish I & II. Students will continue to develop listening, speaking, reading and writing skills. Students will be introduced to advanced language expressions, verb tenses and grammatical concepts.

Spanish Literature

Grades: 11-12 **Credit: 1 credit**

Prerequisite: C average or higher in English I & II

Students will be introduced to writers from the Spanish speaking world. Students will examine works and think critically about issues of race, class, gender, culture, and identity. Students will learn to identify literary forms and elements that are specific to the Spanish speaking world.

Dual Credit Lab

Meeting Days: Monday – Friday

Lab Prerequisite: Juniors with a cumulative GPA of 3.5+ and in good standing to graduate on schedule, and Seniors who are in good standing to graduate schedule and meet course prerequisite(s). *Dual credit courses are **not** to be used as credit recovery.*

- The student is eligible for a dual credit course by ACT scores or placement test scores given by the college;
- The student will be enrolled in an online college course and will be held to the same expectations as all other students enrolled in the course(s);
- The student's teacher for the course will be the professor from the college of choice; Vienna High School supplies a facilitator who monitors the computer lab while in use;
- The number of credit hours taken per semester will be a team decision between the Counselor, Principal, the student's advisor, the parent, and the student;
- The student will receive 0.5 high school credit per class;
- The student's high school transcript grade will be equal to what is earned through the college dual credit course(s) taken;
- The Dual Credit Lab will give "weighted" credit to the student's transcript;
- The student is responsible for all tuition, fees, and books, which are "To Be Determined";
- The student must follow the college course syllabus and be able to uphold all expectations (i.e. completing work outside of school, have internet access outside of school).

College Options: Missouri State University – West Plains, MO, Missouri Valley College, Marshall, MO, and East Central College, Union, MO.

Missouri State University – West Plains Tuition: \$70/ credit hour*
Course Offerings are listed online

East Central College

Tuition: \$42.50/ credit hour*

Common Course Options:

	<u>College Credit Hours:</u>	<u>Course Length:</u>	<u>Course Prerequisite(s):</u>
American Literature	3 credits	16 Weeks	ACT: Reading – 18 & English – 18
World Literature	3 credits	16 Weeks	ACT: Reading – 18 & English – 18
US History to 1865	3 credits	16 Weeks	ACT: Reading – 18 & English – 18
US History 1865 – 1945	3 credits	16 Weeks	ACT: Reading – 18 & English – 18
US History 1945 – Present	3 credits	16 Weeks	ACT: Reading – 18 & English – 18
US Government	3 credits	16 Weeks	ACT: Reading – 18 & English – 18
General Psychology	3 credits	16 Weeks	ACT: Reading – 18 & English – 18
General Sociology	3 credits	16 Weeks	ACT: Reading – 18 & English – 18
College Algebra	3 credits	16 Weeks	ACT: Mathematics – 22
Pre-Calculus	3 credits	16 Weeks	ACT: Mathematics – 26

Missouri Valley College

Tuition: \$80/ credit hour*

Fall 2017 Course Offerings

	<u>College Credit Hours:</u>	<u>Course Length:</u>	<u>Course Prerequisite(s):</u>
CS119Z COMPUTER APPLICATIONS	3 CREDITS	16 WEEKS	
EN130Z RHETORIC AND COMPOSITION	3 CREDITS	16 WEEKS	
HS104Z FOUNDATIONS OF AMERICAN HISTORY I	3 CREDITS	16 WEEKS	
HU125 HUMANITIES I	3 CREDITS	16 WEEKS	
MA165Z COLLEGE ALGEBRA	3 CREDITS	16 WEEKS	
MA200Z INTRODUCTION TO STATISTICS	3 CREDITS	16 WEEKS	
PL125Z PHILOSOPHICAL ETHICS	3 CREDITS	16 WEEKS	
PL150Z BIOMEDICAL ETHICS	3 CREDITS	16 WEEKS	
PS100Z FOUND OF FEDERAL GOVERNMENT	3 CREDITS	16 WEEKS	
PY100Z PRINCIPLES OF PSYCHOLOGY	3 CREDITS	16 WEEKS	
SC100Z INTRODUCTION TO SOCIOLOGY	3 CREDITS	16 WEEKS	
SN111Z SPANISH I	3 CREDITS	16 WEEKS	
SP100Z/W PUBLIC SPEAKING	3 CREDITS	16 WEEKS	
TH105Z THEATRE APPRECIATION	3 CREDITS	16 WEEKS	
MA190Z ANALYTIC GEOMETRY & CALCULUS I	5 CREDITS	<u>32 WEEKS</u>	

*Tuition rates are subject to change.