

MESSAGE FROM THE PRINCIPAL

Selecting a sound academic program for one's high school years is a complicated process. Putnam County High School offers a modern, comprehensive curriculum designed to prepare students for their current needs, higher education, or entry into the world of work. We cannot stress strongly enough the needs for careful and intelligent planning among the student, their parents, and their counselor if sound programs are to be well-adapted to individual requirements.

As you examine the number of course selections in this booklet, please keep in mind not only short-term needs but also long-term goals. Be aware that we have a variety of electives from which you may choose; on the other hand, we also have a number of requirements for graduation which must be kept in mind at all stages of planning.

Please be guided in your choices of program by today's job and college admittance requirements, not by standards that may be obsolete or may have been around for years. When you have a question, please check with the school to determine accurate information.

Above all, please plan a program that challenges you appropriately, sets realistic goals and enables you to take advantage of the diversified offerings available. Students should always plan course selections with alternatives in mind, since that is the only flexible way to assure a sound education in today's constantly changing environment.

As always, the school is ready to help you in any way it can. Please feel free to call us anytime at (660) 947-3361 Ext. 305.

REQUIREMENTS FOR GRADUATION

Starting with Class of 2014

4 Language Arts	3 History
3 Math	3 Science
1 Fine Art	1 Practical Art
1 Physical Education	.5 Health
.5 Personal Finance	
11 Electives	

28 Total Credits Needed for Graduation, CPR certification, Civics test, U.S. & MO Constitution test. The following EOC tests must be taken in order to graduate: Algebra I, Language Arts II, Government, & Biology I.

If a student is not enrolled full time, the courses enrolled in must be taken consecutively and the student can be on the school grounds only during the school day the hours enrolled.

PUTNAM COUNTY A+ PROGRAM

Upon receiving A+ designation, our students who have attended a designated A+ high school for 2 years prior to graduation and met the following criteria will be eligible to receive reimbursement of tuition and fees while attending a Missouri community college, vocational or technical school as a full-time student, providing state funding is continued.

Criteria:

- * Be a US Citizen or permanent resident.
- * Complete the A+ participation agreement.
- * Maintain a 95% attendance rate.
- * Earn a 2.5 minimum grade point average.
- * Complete 50 hours of unpaid tutoring/mentoring.
- * Maintain good citizenship.
- * Avoid unlawful use of drugs including alcohol.
- * Achieve a score of Prof or Adv on Alg I EOC.

If you have any questions concerning this program, contact the A+ office at 660-947-3361 ext. 303.

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AGRICULTURE

Agriculture Science I

This is usually a beginning ag science class for freshmen involving basic instruction in agricultural careers, mechanics, leadership, F.F.A., livestock production, and record keeping in S.A.E. (Supervised Agricultural Experience). Each student is required to have an S.A.E. project. Examples of S.A.E.: raise livestock or crops, work on a farm or ranch, work at an agricultural-related job (feed mill, etc.).

Agriculture Science II

There will be a study of the parts, identification, growth, reproduction, etc., of plants. Also given will be additional instruction in agricultural mechanics, careers, soils, grassland management, forestry, stream and pond management, leadership activities, F.F.A., and S.A.E. projects. Prerequisite: Agriculture Science I

Agricultural Construction

This course mainly deals with oxyacetylene cutting, arc, MIG and TIG welding, and the construction of major shop projects in both metal and wood. The student must be involved with a construction project at all times, which may tend to be costly. S.A.E. Grades 11 and 12. Prerequisite: AG Science I and II. Any student receiving a D or F semester grade for this class as a junior will not be allowed to re-enroll in this class as a senior.

Supervised Agricultural Experiences - Co-Op

This course provides for the enrollment of students released on school time to complete a cooperative occupational experience in an approved agricultural training station. A signed training agreement and training plan must be completed for the student. Students must work for an agriculture related business or farm. It must be a paid position. Students can't work for their own family unless it is a full-time family farm. Prerequisite: 3 years of Vocational Agriculture. Grade 12 only. Seniors must be enrolled in at least one other agricultural course. Any student who receives a D or F first semester grade in AOE will not be allowed to continue on the AOE program for the second semester.

The following specialized courses are for students who have successfully completed or are concurrently enrolled in Agricultural Science I and/or II courses. All advanced courses will include instruction in leadership development and supervised agricultural experience.

Floriculture-This class is designed to stimulate student interest in the productio of retailing of flowers, plants, and foliage in the secondary agriculture curricula. Year long. Grades 11 and 12. Prerequisites: Ag Science I and II.

Food Science & Technology-This course focuses on issues concerning food processing, preservation and safety. specific topics may include: food nutrition, food packaging and labeling, food fermentation, evaluation of foods, food microbiology, and various methods of food preservation. Grades 11-12. Year long. Prerequisites: Ag Science I and II.

Advanced Animal Science

This course is a more advanced study in livestock production, herd management, nutrition breeding, production records, selecting and judging, diseases, parasites, marketing, and S.A.E. Year long. Grades 11 and 12. Prerequisites: Ag Science I and II.

ART/DRAMA

Art I

The main objective of this course is to assist the discovery of self as well as arts material. Students are introduced to the art production process including: planning, producing, and reflecting on art. With an emphasis on instructor led projects, students explore a wide range of 2D and 3D media, skills and techniques, as related to contemporary and historical art ideas, and opinions. Projects may include but not be limited to: drawing, painting, printmaking, collage, mixed media, pottery, and sculpture. Students will also build their visual intelligence through employing the use of the elements of art throughout the production process. This course will prepare the student for further high school art experiences. Art I will write for knowledge and creativity on a daily basis in the form of a hybrid of a written journal and sketchbook. Grades 9-12.

Advanced Art

Students refine techniques using 2D and 3D media, skills, and techniques, while engaging in the art production process within a studio arts environment. The course is based on students willingness to approach the art making process with a more open mind and project concept. Therefore, this course is more student centered project based with creative freedom and interpretation being the main focus. Projects may include but are not limited to: drawing, painting, printmaking, collage, mixed media, pottery, and sculpture. Students create new meaning from various media formats, and communicate artistic ideas through the intentional use of the elements of art within their work. Students will interpret meaning in their artwork and the artwork of others through discussion, on various artistic concepts, viewpoints, and themes, drawing their own conclusions and employing this knowledge both expressively and technically. Students will investigate contemporary and historical art themes of artworks from Western and non-Western cultures to expand their understanding and appreciation of the role of art in global culture. Maintaining an active art journal/sketchbook is encouraged. Prerequisite: C or above in Art I or teacher approval. Grades 10-12.

Drama

This course will facilitate and create the foundations for the production of a theatrical performance. In order to do this, students will learn the history of the theater, acting, technical theater, and costume design. The course will end with participation in a play production. Students will participate in a hands-on approach by demonstrating knowledge of soundboards, props, lighting, character roles, makeup, costumes, and set design. Students will also travel on a field trip to see a theatrical performance as part of a unit. Grades 9-12. Full year.

Art Foundations

This course is designed for students interested in acquiring a serious arts education and who want an in-depth exposure to creating and studying art fundamentals. Class will consist of various technical demonstrations of media and technique as well as lecture and discussion on art theory. Students follow a historical timeline that studies the progression and application of the visual arts from ancient era to present day. Students will create drawings, paintings, sculptures, collages, and prints while exploring the art of other cultures and times. course content will introduce and develop skills and knowledge in the areas of art history, art criticism, design concepts, art production, and art careers. this course will be focused on the academic pursuit of art through a studio experience. a sketchbook journal requiring drawing, note taking, and idea development is required. Grades 9-12.

Portofolio I

In this course, advanced students will focus on portfolio development as they continue to develop skills in producing high quality works of art. Emphasis is placed on creating more complex visual statements. A wide range of materials and processes will be further explored, and students will have the opportunity to focus on a chosen subject or medium. The course is intended for advanced students creating a portfolio for college application. A letter of interest and statement of intent is required to be considered for this course. Students will be working independently and must be trusted to complete assignments in a timely manner. Prerequisite: Consultation with and permission from teacher, based on coursework student has completed and future plans. Grades 11-12.

Portofolio II

This is a rigorous college level studio course offered to highly motivated Seniors who have taken Portfolio I. Coursework is designed to build mastery in technique, composition/design, research, experimentation, and creative problem solving. Critical thinking, objective analysis of artwork, and the ability to communicate in the language of art will be developed and used through the course. Students must be willing to devote several hours per week of outside time to art production, research, and self-improvement. Summer work is assigned between Portfolio I and II and must be completed in order to be successful in this course. Prerequisite: Portfolio I. Grade 12.

COMPUTER TECHNOLOGY

Computerized Publications (Yearbook)

Selected students will be given the opportunity to help produce the yearbook. Students will learn how to utilize the principles and elements of design, emphasizing proper page layout techniques in producing an online submission book. Yearbook vocabulary, copywriting skills, and photography will also be studied. An application process may be requested. Students are required to photograph various after school activities as part of their grade. It is the hope that a student will take the course for more than one year, but not a requirement. Grades 10-12. Prerequisite: Computer experience and/or teacher approval. Class limited to 10.

VOCATIONAL MARKETING

Fundamentals of Marketing (Marketing I)

An instructional program for students who are interested in a career in the field of marketing and management. This course includes instructional areas designed to provide an understanding of the fundamental marketing 28 processes and an orientation to the American free enterprise system. The program may utilize the Marketing Education internship to support classroom instruction. Grades 9-12, Full year.

ADVANCED MARKETING (MARKETING II)

An instructional program for students who are preparing for a career in the field of marketing and management. Instruction will prepare students in the field of marketing and management. Instruction will prepare students to perform one or more of the marketing functions, such as buying, selling, pricing, promoting, market research, and management. The program may utilize the Marketing Internship and DECA to support classroom instruction. Grades 10-12, Full year. Prerequisite: Fundamentals of Marketing.

Marketing Internship

Qualifying students must have two years of marketing classes (one of which may be taken with Marketing Internship). The student enrolled in the Marketing Internship works hours at a teacher approved marketing occupation. The student must work in a supervised, established business and will be evaluated quarterly for his or her on-the-job training experience. Job must be approved by the teacher. Regular communication with the teacher is required. **Prerequisite: Fundamentals of Marketing. Grade 12.**

Travel and Tourism

A program that prepares individuals to manage travel related enterprises and related convention and/or tour services. Includes instruction in travel agency management tour arranging and planning, convention and event planning, travel industry operations and procedures, tourism marketing and promotion strategies, travel counseling, travel industry law, international and domestic operations and travel and tourism policy. Grades 9-12. First Semester

Entertainment Marketing

An instructional program that focuses on marketing and management functions and tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, selling or renting of supplies and equipment (other than vehicles) used for recreational or sporting purposes, products and services related to hobbies or cultural events or businesses primarily engaged in satisfying the desire to make productive or enjoyable use of leisure time. **Grades 9-12. Second Semester.**

Accounting I

A course that introduces students to the double-entry system of accounting for a sole proprietorship and its forms used in business using real-world applications and connections. Students will also investigate careers and opportunities in accounting. Grades 9-12. Full year.

Computer Science I

Students will learn the basics of computer science. This includes the basics of computer networks, cybersecurity and the use of algorithms. Finally, students will learn the impact of computing on culture, social interactions, and ethics. Grades 9-12.

Intro to Law

A course that teaches the state and federal court systems, criminal laws and punishments, tort law, contract law, and family law. Students will review cases, have a mock trial, and understand how these laws affect our community, society, and world. Recommended for Grades 11-12. Full year.

Introduction to Business

This course is designed to introduce students to how business works in today's society and to provide a foundation for other business courses. Content includes business functions such as business communication, management, marketing, and other consumer issues regarding money and money management, banking system and services, government's role in business, and technology in the business world. Grades 9-12, Full year.

Business Tech

This course is designed to help students develop the qualities, knowledge, and skills necessary to work in a business. Students will learn job skills, communication skills, and technology skills. Students will utilize Adobe Suite to create video, edit photos, and enhance audio. Grades 9-12.

Strategies

This class is designed to help students establish good study habits and give extra time and help for homework. At times throughout the year students will review study, academic, and organizational skills. A variety of methods will be used to assist the class from one on one, individual, and group work. Time management is critical during this class and using it efficiently will allow more time to learn and receive assistance. Prerequisite: teacher approval.

SPECIAL EDUCATION

We provide comprehensive services for all resident disabled children as required by the Individuals with Disabilities Education Act (PL: 94-142) and Chapter 162, RSMo.

This school district provides a free, appropriate education to all students, including those attending private/parochial schools, between the age of three and twenty-one, regardless of handicapping condition. These conditions include: mental retardation, learning disabilities, behavioral disorders/emotional disturbance, speech/language disorders, visual impairment, hearing impairments, multi handicapped, deafness/blindness, and autism. Services include special education and related services.

ENGLISH

Language Arts I

This course emphasizes the fundamental language skills of reading, writing, listening, thinking, viewing, and presenting. This is a required course in which we emphasize vocabulary and composition. The course includes studies of various literary genres: short story, poetry, fiction, nonfiction, drama, and prose. The development of reading and writing skills is a major emphasis of the course. Grade 9.

Language Arts II

This is a required course consisting of grammar/usage/mechanics, Greek and Latin roots/affixes, writing, and a study of various literary types, including poetry, short stories, drama, novels, and nonfiction. Carefully selected films will be utilized to enhance students' understanding of certain themes and literary (cinematic) techniques. Grade 10.

Language Arts III

This course continues the emphasis on composition skills and literary analysis through a focus on the American experience. Students will focus on the colonization of America, to its fight for independence during the Fall semester. We then continue into America's expansion into many new directions in the Spring. Studies will include the exploration of the English language as a developing and changing language. Students will be studying the development of American Literature and important American authors. All literary study is supported by composition. Grade 11. Prerequisite: Language Arts I and Language Arts II.

Language Arts IV

This is a course consisting of grammar/usage/mechanics, writing, and a study of various literary types, including poetry, short stories, dramas, and novels. The course is designed to enhance students' critical thinking, improve writing/communication skills, and learn to appreciate the influence of renowned authors and their prose. Students will be expected to read INDEPENDENTLY, participate in class discussions and unit assessments, and view films based on the works of world authors.

College English 101 - Dual Credit

Students will practice expository and argumentative writing, emphasizing reading, critical thinking, and analytical writing skills. Several short papers are assigned, with emphasis on the writing process. Prerequisite: ACT English score of 17. First semester. 12th grade.

College English 102 - Dual Credit

College English 102 is a continuation of English 101, emphasizing longer and more objective and critical writing forms. Organizational skills are developed through the outline and summary units; analytical reading and evaluation are stressed. A thorough use of library resources is required for the bibliography unit and the final research paper. Prerequisite: English 101. Second Semester. 12th grade.

Folklore

Folklore is an elective class that focuses on the study and interpretation of fairy tales and common folk practices from across the world. We start with common fairy tales and fables and move onto more obscure legends which have inspired such films as *The Corpse Bride* and *Frozen*. By the end of the unit all students will learn the origins of many holiday practices. This class is project based (with creative writing, dramatizations, and crafts). All projects will be based on different readings. First semester. Grades 9-12.

Mythology

Mythology takes a look at myths and legends from the Sumerians, Greeks, and Norse. In this class, students will participate in comparative mythology to find commonalities and differences from stories across the globe. They will also gain an understanding of how colonialism and war affect myth. There will be a heavy emphasis on the analysis of images and symbols across a wide variety of literature. Second semester. Grades 9-12.

Creative Writing

This participation-intensive course offers an introduction to elements and craft of various genres of creative writing, including narrative, verse, and dialogue, as well as the writing of fiction, creative nonfiction, and poetry. Students will learn fundamental craft elements, read and discuss published works, and produce their own poems, stories, and essays to be workshoped in small groups. Grades 9-12.

Journalism

This course is designed to develop basic entry-level skills required for careers in the writing and editing industry. The purpose of this course is to enable students to develop fundamental skills in the production of print or electronic journalistic media. Students will learn the various forms of journalism, application and analysis of media, as well as writing skills. Students will engage in multiple forms of media, with a strong focus on newspaper writing. Prerequisites: C or higher in English Language Arts. Grades 9-12.

FOREIGN LANGUAGE

Spanish I

Students gain confidence by mastering basic conversational skills. This includes greetings, introductions, simple questions and answers, and much more. Students begin to build vocabulary, grammar and pronunciation skills through multi-disciplinary readings and conversations. Grammar covered includes present tense, articles, adjective agreement, and question formation. Grades 9-12. Prerequisite: Recommend "B" average or better in Language Arts or approval by teacher. Full year.

Spanish II

After a review of Spanish I vocabulary and grammar, students continue to build vocabulary and communication skills. New grammar covered includes comparative and superlatives, simple future and present progressive, demonstrative progressive adjectives; the present progressive tenses, and commands. Emphasis will be on combining these skills to better understand written and oral Spanish and express themselves orally and in written form. Grades 10-12. Prerequisite: Recommend "B" or better in Spanish I. Full year.

HEALTH

Health

Students will have the opportunity to complete basic first aid and study safety prevention issues. There will be a study of the body systems and how to care for them including disease that may harm them such as STDs and other viruses. Students will learn how to provide their body with proper nutrition and the importance of proper exercise. Semester. Grade 10.

PERSONAL FINANCE

Personal Finance

Understanding and managing personal finances are keys to one's future financial success. This one-semester course is based on the Missouri Personal Finance Competencies and presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision making skills to evaluate career choices and set personal goals. This course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success. Grade 10. Semester.

FAMILY AND CONSUMER SCIENCES

Career Development

This course provides the knowledge and insight necessary to compete in today's challenging job market. This relevant and timely course helps students investigate careers as they apply to personal interests and abilities, develop skills and job search documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve. Classwork includes: career investigation, resume and cover letter development, mock interviews. First semester. Grades 9-12.

Housing and Interior Design

Students will evaluate economic, personal, and environmental factors that affect our housing choices. This course will prepare students to understand the basics of buying or renting. They will understand basic interior and exterior construction and renovation. In this course, students will be required to design basic floor plans drawn to scale using a template, green design, and technology. Students will also examine careers related to housing and interior design. This class will examine housing styles of past, present, and future. 2nd semester. Grades 9-12.

Child Development I

This class will focus on fetal development in the womb and effects of pregnancy (including teen pregnancy) on the family. This class will examine developmental stages (physical, social, emotional and cognitive) from conception to year 3. Possible projects: Empathy Belly and Theorist Presentations. First Semester. Grades 9-12.

Child Development II

This class is the advanced portion following Child Development I. Students will have the opportunity to work with children and create age appropriate games, toys, and food. Projects include OBSERVATIONS and Baby Think It Over. Second Semester. Grades 9-12.

COOKING for Health/Nutrition and Wellness

This class allows students to learn the importance of nutrition and wellness in everyday cooking. Along with cooking skills, they will learn measuring, recipe reading, making and following a plan, teamwork, problem solving, kitchen safety and sanitation. The student will work in a group to practice what they learn. Students will prepare and eat foods from recipes. This class will show the student how to make food choices that will help them feel good, look good and perform well. Projects: Weekly food labs, Thanksgiving dinner, cupcake wars. Full year. Grades 9-12.

Apparel and Textiles I

This course develops basic and advanced knowledge and application of sewing skills and interior design. It is designed for the student interested in a career in fashion, accessory design, interior design, and more. This course will cover fashion history, elements and principles of design, clothing care, and basic sewing skills. Several projects will be constructed including hand sewing and machine sewing, crocheting and upcycling garments. **Self-initiative, motivation, time management, planning, independent work, following directions, and evaluating are crucial skills in this course in which art, communication, mathematics, science, and technology are applied.* Grades 9-12. Full year.

Apparel and Textiles II

This course will be a continuation of apparel and Textiles. This course utilizes more advanced garment construction techniques, pattern making/draping, and an expansion of applied textiles knowledge. Projects will include quilting, garment making, etc. **Self-initiative, motivation, time management, independent work, following directions, and evaluating are crucial skills in the course in which art, communication, mathematics, science, and technology are applied.* Prerequisite: Apparel and Textiles I. Full year.

INDUSTRIAL ARTS

Introduction to Building Trades

This course will cover safety, materials, and techniques. The focus will be on carpentry with introduction to electrical and plumbing. Students will work in the classroom, shop, and job site. This course will prepare students for a more in depth understanding of this career path. Students will not be expected to purchase tools or materials for this course. However, students will be expected to furnish materials needed for 1 personal project. Random drug testing is required. This course or Ag Science I is required for students wanting to enroll in Building Trades during their junior and/or senior year. Grades 9- 12. This class may not be repeated. Must pass OSHA 10 hour safety course by Christmas break. Targets to maintain are: no major discipline issues, maintain a B average, and good attendance and completion of make-up work.

Building Trades

The purpose of this course is to further students' knowledge of safety, tools, methods, materials, math skills, and business skills used in residential construction. The emphasis is on residential carpentry but includes some study of concrete, plumbing, electrical wiring, and blueprint reading. Students spend time both in the classroom and working "hands on " with a variety of materials building various projects in school and on site. Students are recommended to carry accident insurance, have signed permission from legal guardians, and sign an agreement to obey all articles in the Student Handbook. Random drug testing is required. Prerequisites are: Intro BT or AG. Science I (with grades B or above). Grades 11 and 12. Teacher approval is required. Students participate in Skills USA.

MATHEMATICS

The number of math credits required by the state of MO is 3. Students enrolling in a college after high school should take a minimum of 3 math credits in high school. The suggested math sequence for college-bound students is: Algebra I, Geometry, Algebra II, Pre-Calculus, College Algebra/Trig, and beyond if offered.

Algebra I

This course is designed to introduce students to the many topics of Algebra. This course will lay the foundation for all future math courses. Topics covered include linear equations, inequalities, linear functions, systems, exponents, polynomials, factoring, quadratic functions, exponential functions, and probability. Prerequisite: Must have 70% or higher in 4 quarters of the previous math class, 60% or higher on diagnostic test, and basic or higher on MAP. If 2 out of 3 are met then teacher recommendation is required. Grade 9.

Pre-Algebra A

This is an introductory Algebra course. Topics covered include linear equations, inequalities, linear functions, systems, exponents, and polynomials. Students that don't meet the requirements for Algebra I will take this course. These students will take Pre-Algebra B next year.

Pre-Algebra B

Topics covered include linear equations, inequalities, linear functions, systems, exponents, polynomials, factoring, quadratic functions, exponential functions, and probability. This course is for students who successfully completed Pre-Algebra A. Students will take the Algebra I EOC at the end of Intermediate Algebra I.

Geometry

A deductive approach, which promotes logical thinking, is utilized in studying geometric concepts involving plane figures. General concepts covered include parallel relationships, congruence, similarity, transformations, and coordinate geometry. Other topics covered are special triangles, circles, basic trigonometric functions, and probability. Writing proofs is included throughout the course. Algebraic skills are reviewed through applications in solving problems. Must have a 70% or higher all 4 quarters of the previous math course. Grades 9-10.

Intermediate Algebra I

This course is designed to transition a student to advanced mathematical concepts. Topics to be introduced include quadratic, exponential, logarithmic, polynomial, and inverse functions. Attention will be placed on developing the skills needed to be successful in higher level math courses. Enrollment for this class will be determined by: semester grade of D or lower in a previous Algebra or Geometry course, completion of Pre-Algebra B, and/or teacher recommendation.

Algebra II

This course builds on the skills developed in Algebra I. Algebra II progresses to more advanced concepts involving quadratic, exponential, logarithmic, polynomial, and inverse functions. Rational and radical equations are also explored. Other concepts include irrational and complex numbers, simplifying radicals, factoring, systems of equations and inequalities, and composition of functions. Grades 10-11. Prerequisite: Algebra I.

Pre-Calculus

This course is for juniors and seniors and is designed to be an introduction to analysis and topics in calculus. This study includes relations and functions in algebra and trigonometry; systems of equations and inequalities; matrices and determinants; introduction to discrete algebra; solutions of triangles; inverses of algebraic and trigonometric functions; trigonometric identities; and an introduction to analytic geometry. Graphing calculators preferred (but can be provided when necessary). Prerequisites: "C" in Algebra I and Algebra II. Full year.

College Algebra

College Algebra is a study of equations and inequalities, functions and graphs, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities, matrices and determinants, and the conic sections. In College Algebra students will become familiar with solving first and higher-order algebraic equations both mathematically and graphically. Included in these algebraic equations will be exponential and logarithmic functions. It is assumed that the student has passed high school Algebra II. First semester. This course is offered through CMU. Dual Credit. Grades 11-12. Students must have a 22 or higher on the ACT Math or pass a CMU diagnostic test.

College Trigonometry

This course will cover the following topics: calculate the six basic trigonometric ratios of the angles of a right triangle, solve right triangles, convert between radians and degree measure, prove trigonometric identities, solve trigonometric equations, graph trigonometric functions and polar equations, and apply the Law of Sines and Law of Cosines for problem solving. Students must have a C or higher in College Algebra. 2nd Semester. Dual credit. Grades 11-12. This course is offered through CMU.

College Statistics

In this course students will learn appropriate methods of collecting, organizing, summarizing, graphing, analyzing, and interpreting data and the methods of estimating population parameters and the methods of testing hypotheses concerning the parameters of one and two populations of data. This is a project based course where students will have to design and conduct statistical experiments. Prerequisites: C in Algebra II. This course is offered through CMU. Dual Credit. Grades 11-12. Students must have a 22 or higher on their ACT Math or pass a CMU diagnostic test.

MUSIC

Band

Band is a year-long course offering students the opportunity to participate in a large instrumental ensemble. Band members will perform with the marching, pep, and concert bands throughout the year. The marching band performs at all home varsity football games, parades and field show contests. Band camp is also required for one week in the summer prior to school starting. The pep band performs at all home varsity basketball games taking place while school is in session and after our winter concert. The concert band performs on Veterans day, at a Winter Concert, Evening of the Arts in the spring, Graduation, and large ensemble state contest. extra opportunities are available to go to a MIZZOU football game to perform, participate in various honor bands, and compete in solo and/or small ensembles at districts and state. students enrolled in high school band are expected to attend all regular activities (marching, pep, and concert bands) as well as attend extra rehearsals beyond the regularly scheduled class time. Prerequisites: (1) participate in the instrumental music program in previous years, or (2) audition for admittance.

Choir

Choir is a year-long arts course offered to students in grades 9-12 interested in singing in a choral group. The class gives each student the chance to further their interests in music through group singing. Students will sing music of varied styles and genres. The choir will perform in at least two concerts per year. Additional opportunities include, but are not limited to Conference Choir, District Choir, District Music Festival, State Music Festival, and singing the National Anthem at sporting events. Grades 9-12.

Drumline/Percussion Class:

Drumline/Percussion Class is a year long course offering students the opportunity to participate in a large percussion ensemble. Members will participate in marching percussion and concert percussion performances. Trips will be taken to perform at marching festivals, performances at football and basketball games, and district contests in the spring. The Big Blue Drumline is the high school's second performing ensemble to the Band. Prerequisites: (1) participate currently in high school band (2) audition for admittance. Grades 9-12.

PHYSICAL EDUCATION

Co-ed Physical Education

This course provides each person with several opportunities from assessment of personal fitness levels to development of lifetime activities and skills and a general knowledge, appreciation, and understanding of team sports. This course will utilize games, sports, and other vigorous fitness activities to help each individual student become aware of lifetime activities that they can use past high school.

Co-ed Physical Development

A class devoted to helping develop the human body, (especially the muscular and cardiovascular systems, along with motor skills.) Students achieve fitness through aerobic, anaerobic, plyometric and agility skill work. Class generally involves using the weight room, plyometric and agility work, and other activities. Students are graded on dressing out, attendance, participation, work habits, and some written, skill and fitness testing.

Advanced Girls Physical Development

A class devoted to helping develop the human body, especially the muscular and cardiovascular systems, along with motor skills. Students achieve fitness through aerobic, anaerobic, plyometric and agility skill work. Class generally involves using the fitness center, plyometric and agility work, and other activities. The class will offer other more advanced workouts and more strenuous components to the workouts. Students will be expected to be at higher levels of training and conditioning than Physical Development students. Students will be graded on dressing out, attendance, participation, and attitude. The students will have some written assignments, skills test and fitness testing. This course is for girls participating in a sport. Grades 9-12.

Advanced Boys Physical Development

A class devoted to helping develop the human body, especially the muscular and cardiovascular systems, along with motor skills. Students achieve fitness through aerobic, anaerobic, plyometric and agility skill work. Class generally involves using the fitness center, plyometric and agility work, and other activities. The class will offer other more advanced workouts and more strenuous components to the workouts. Students will be expected to be at higher levels of training and conditioning than Physical Development students. Students will be graded on dressing out, attendance, participation, and attitude. The students will have some written assignments, skills tests and fitness testing. This course is for boys participating in a sport. Grades 9-12.

SCIENCE

Physical Science

This is a freshman-level science course that introduces students to the physical sciences; chemistry and physics. In the chemistry portion, students will be introduced to characteristics of matter and their interactions, basic atomic structure, and simple properties of chemicals. In the physics portion students will work with laws of motion, forms of energy, and waves and their applications in technologies for information transfer. Throughout the whole course students will develop problem-solving skills and engage in activities designed to develop skills in experimental design and data analysis. Grade 9. Full year. Students will supply their own scientific calculator.

Life Science

Life Science focuses on the study of living things and their processes. This course offers opportunities for students to develop scientific process skills, laboratory techniques, and an understanding of the fundamental principles of living organisms. Students will explore engineering, technology, and applications of science; structures and processes of molecules and organisms; and ecosystems, energy, and dynamics. Grade 10. Full year.

Biology I

Biology I is a required course and is a continuation of Life Science. This course offers continued opportunities for students to develop scientific process skills, laboratory techniques, and an understanding of the fundamental principles of living organisms. Students will explore engineering, technology, and applications of science; inheritance and variation of traits; natural selection; and organ systems in living organisms. A state-mandated end of course test will be administered within the last 2 months of spring semester, which covers objectives from Life Science and Biology. Grade 11. Full year.

Chemistry I

This course is an introduction to general chemistry that focuses primarily on the physical properties of chemistry and learning the periodic table. Chemistry is somewhat mathematical in nature and an understanding of basic algebra is necessary. The concepts learned during class are applied daily in homework assignments and reinforced through laboratory work. Students will supply their own scientific calculator. Grades 10- 12. Prerequisite: Algebra I (c average both semesters).

Chemistry II

This class is a continuation of Chemistry which focuses on chemical reactions and the more advanced concepts of chemistry with more math involved than in Chemistry I. Daily work will be assigned to clarify the abstract concepts involved. Concepts will also be reinforced through lab experiments. Students need to provide their own scientific calculator. This is an upper level, weighted course that requires a lot of work and dedication from the students.

Prerequisite: "C" or higher in Chemistry I. Grade 11-12.

ANATOMY

This course will enable students to develop an understanding of the relationships between the structures and functions of the human body. Topics include body organization; homeostasis; cytology; histology; and the integumentary, skeletal, muscular, nervous systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and the interrelationships. Full year. Grades 10-12.

PHYSICS

Students will study the transformation of matter and energy through the fundamental quantities of mass, length, time, temperature, and electrical change. Methods of study will include problem-solving, demonstrations, and laboratories. Topics to be covered include standard measurement, nature of motion, nature of waves, thermal effects, electricity, and magnetism. Full year. Grades 11-12. Sophomores may take Physics if they earned an A in both semesters of Physical Science.

SOCIAL STUDIES

World History

World History gives us knowledge of yesterday so we can have a guide for tomorrow. World History is a record of past events starting out pre-historic and progressing to the present. It includes the impact that men and women, nations, geography, governments, trade, manufacturing, religion, wars, art, literature, and music have had on the world. World History tells us how other cultures have developed and the influence they've had on our own. Grade 9. Full year.

American History

This course examines modern American history, with the goal being coverage from 1865 up to the present day. This includes but is not limited to the following topics: Reconstruction, the American Frontier, Progressivism, World War I, the Roaring Twenties, the Great Depression and New Deal, World War II, and conflict during the Cold War. Grade 10. Full year.

Government

This course is designed to equip students with a working knowledge of government at the national and state level. Students will study the processes and politics that shape the government. In accordance with state law, students must pass a test on the United States Constitution and Missouri Constitution in order to graduate. Before exiting the course, students are also required to take a test testing their understanding of American citizenship. Grade 11. Full year.

Psychology

Students will delve into the labyrinth that is the study of the mind. In this course, students will be studying theories on how the mind works, child development, and psychological disorders. We will discuss how these things can create things like criminals, influencers, and others. This class is a combination of discussion and independent work. Grades 9-12. First Semester.

Sociology

Students will be learning about how society functions and the issues that lie within it. During this course there will be many hands-on learning activities as well as discussion. Students will be learning about cultures, education's role in society, deviance, gender roles, and wealth and poverty. Grades 9-12. Second Semester.

Electives

Introduction to the Teaching Profession

If you are interested in being a teacher this year-long course is for you! This course focuses on the general theory and practice of learning and teaching; the basic principles of educational psychology; the art of teaching; the planning and administration of educational activities; school safety and health issues; and the social foundation of education. Child Development I and II are strongly encouraged to be taken prior to this course, but not required. Grades 10-12.

Practicum in the Teaching Profession

This is the second course in the two-credit Teaching Profession program that is designed to attract capable young people to the teaching profession through a challenging introduction to teaching. Students in this course will be assigned field-experience classrooms within the school district where they will gain hands-on experience as they assist their supervising teachers. Introduction to the Teaching Profession is the prerequisite for this course. Grades 11-12.

A+ Tutoring

Students who take A+ Tutoring as a course will be assigned to a specific classroom by the A+ Coordinator. Tutors will work one-on-one with students (and sometimes in groups) to help with classroom assignments. Tutors are responsible for logging their time for A+ reporting purposes. Juniors and seniors have highest priority for the course, as well as students who are meeting all other A+ requirements. Students can take the A+ Tutoring class for only one semester during high school.

Tech Assistant

This course is for students who would like to assist a teacher in daily duties. Teachers may only have one tech assistant per school year. Students may only be a tech assistant one time during a school year. The teacher decides if a tech assistant is needed and when.

Office Worker

This course is for students who would like to help out in the office. Students must be polite and courteous. Duties may include: deliveries, picking up attendance slips, getting a student out of class to come to the office, etc. Students may be placed in the elementary, middle school, or high school office. Students may only be an office worker for one school year while they are in high school.

MO West Online Classes

*These classes are offered through Missouri Western College located in St. Joseph, Missouri. Therefore, MO West guidelines and policies must be followed. These classes are subject to change.

*There is a cost associated with these classes. There is a tuition fee and possibly a book cost. Payment is made at the beginning of each semester.

*Putnam County students may take a total of two MO West classes per semester their junior and senior year totaling two credits per year. Students must have a 3.0 GPA to take these courses.

COM 104	Oral Communication (Speech)	3 hours
BIO 101	Principles of Biology	4 hours (Seniors only)
PHY 101	Physics Physics for the Liberal Arts	4 hours
PHY 101	General Psychology	3 hours
SOC 110	Introduction Sociology	3 hours
PED 101	Fitness and Wellness	3 hours
ART 100	Introduction to Art	3 hours
GEO 160	Geology	3 hours
GEO 100	World Geography	3 hours
PSC 101	American National Government	3 hours
SPA 100	Elementary Spanish I	3 hours
SPA 101	Elementary Spanish II	3 hours
ACA 201	College Accounting I	3 hours (Seniors only)
ACA 202	College Accounting II	3 hours (Seniors only)

EXTRA-CURRICULAR ACTIVITIES

Scholar Bowl: 9-12 tryouts are usually held in the fall.

Cheerleaders: 9-12 tryouts held in spring for the following year.

DECA: Organization for students enrolled in marketing classes.

Future Business Leaders of America (FBLA): 9-12 organization for students enrolled in a business or business-related class.

Future Farmers of America (FFA): 9-12 organization for students enrolled in a vocational-agricultural class.

Family Career Community Leaders of America (FCCLA): 9-12 organization for students who have completed or are enrolled in a family and consumer science class for one semester.

Future Teachers of America (FTA): 9-12 have interest in a teaching career.

Junior-Senior Play: Open to all juniors and seniors, tryouts in the fall, interest in dramatics and reading.

National Honor Society: For grades 11-12. Must have a G.P.A. of 3.5
Eligible students will go through a selection process.

Sports Available:

Basketball Co-ed Golf Football Baseball Girls Softball Track

Student Council: Grades 9-12.

Students Against Destructive Decisions (SADD) : Grades 9-12.

FLAG CORPS: 9-12

Yearbook: Must be enrolled in Computerized Publications. Art I recommended. Interest in writing, layout, photography, and proofreading.

VICA: Must be enrolled in a vocational building trades. Grades 11-12.

Interact: High school version of Rotary. Grades 9-12.

Class of 2024

Weighted Classes:

Any class offered for college credit.

GPA's are calculated by number of grade points/attempted credits.

Non-Weighted

A=4.0

B=3.0

C=2.0

D=1.0

F=0.0

Weighted

A=5.0

B=4.0

C=3.0

D=2.0

F=0.0

The following classes are **not** figured into the GPA calculation:

A+ Tutoring, Study Skills (only offered 18-19 school year), and Office Worker.

Work study programs through AG and Marketing are only worth .25 credit per semester/.50 credit per year. Qualifying seniors may take up to three classes per semester.

*If taking college classes, students could see an increase in GPA if they take A+ Tutoring, Study Skills (only offered 18-19 school year), Office Worker, and AOE/Marketing Internship.

Class of 2025 and Beyond

Weighted Classes:

Any class offered for college credit

GPA's are calculated by number of grade points/attempted credits.

Non-Weighted

A=4.0

B=3.0

C=2.0

D=1.0

F=0.0

Weighted

A=5.0

B=4.0

C=3.0

D=2.0

F=0.0

All classes are worth .5 credit per semester/1.0 credit per year.

Due to state regulations, qualifying students may work up to 3 periods in AG and 2 periods in Marketing.

Letter grades will be earned in all classes. No pass/fail will be given.

8th grade Algebra will not be counted as a high school credit.