

# **SALEM HIGH SCHOOL**



## **COURSE DESCRIPTION GUIDE 2021-2022**

# **WELCOME TO THE 2021-2022 SCHOOL YEAR!**

Dear Parents and Students:

The high school years are the time when the student begins to make plans for the future. The counselors are available to help students make decisions about what courses to take to meet graduation requirements and to prepare for life after high school.

Selection of courses should be mutually agreed upon among students, their parents, their teachers, and the counselor. Counselors are available to help the students with information about post-high school options, scholarships, financial aid, and college entrance exams. Concerns about personal problems and frustrations may also be addressed in this office.

Please do not hesitate to call or schedule an appointment with us. We want to be of help and provide opportunities so students may fully benefit from their experiences at Salem High School.

Sincerely,

Mrs. Chelsie Fulton  
Counselor: M– Z Students  
Chelsie.fulton@salemr80.org  
573-729-5990

Mrs. Elizabeth Wright  
Counselor: A-L Students  
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# A+ Program

Students who meet the A+ requirements are eligible for **two full years or six (6) semesters** (assuming state funds are available) of tuition at any **public community college** or **vocational/technical school** in Missouri.

## **Why should students participate in the A+ program at SHS?**

Salem High School's A+ program is a community/school partnership designed to reduce the dropout rate, provide a rigorous curriculum, and ensure that students are prepared to move on to a high wage job, the military, or post-secondary education following graduation. The State of Missouri provides a tuition grant at designated post-secondary schools for students who:

- A+ Agreements are available at registration
- A+ can only be taken one semester of the students' senior year (Students may take A+ for 1 year as schedule allows)
- Graduate with at least a 2.5 GPA
- Graduate with an accumulative 95% Attendance record
- Attend an A+ Designated High School for two years before graduation
- Maintain a record of good citizenship & avoid the unlawful use of drugs and alcohol
- Complete and submit a FAFSA form
- File for selective service (Males only)
- Students receive proficient or advanced on Algebra I end of course exam or may substitute ACT math scores per DESE requirements

Some four year schools are offering scholarships for students who have received the A+ certification.

The A+ Handbook is on our High School District Web Page.

## GRADUATION REQUIREMENTS

The graduation requirements establish a minimum standard in each department. Students will be challenged to exceed these requirements based upon their individual motivation, goals and interests. Note that specific courses are required in some departments.

### 2021-2022 GRADUATION REQUIREMENTS

<u>SUBJECT</u>	<u>CREDITS</u>
English	4
Math	3
Science	3
Social Studies	3
Personal Finance	0.5
Practical Arts	1
Fine Arts	1
Physical Education	1
Health	0.5
General Electives	8
TOTAL CREDITS	25

All students are required to pass the Missouri and United States Constitution tests one time in grades 7—12 prior to graduation.

College prep students must maintain a 3.00 GPA in core subjects (English, Math, Science, Social Studies) and score at or above the national average on the ACT test (currently 21). College prep students are recommended to earn two (2) credits in the same foreign language.

**Students who attend RTI/C need to check with the counselors' office for appropriate credit checks.**

# Honor Cord Requirements Graduating Class 2021

## **Agriculture Education Department**

Cumulative 3.5 GPA in agricultural education classes. Required classes: Ag Science I, Ag Science II, and additional 4 semesters of agricultural education classes. **(Mrs. Johnson, Mr. Howard)**

## **Honor Cord—Brown**

## **Business Department**

Cumulative 3.5 GPA in business classes. Must take four semesters of business classes in addition to Personal Finance. **(Mr. Barnes, Mrs. Pryor)**

## **Honor Cord—Teal**

## **English Department**

Cumulative 3.75 GPA in all English classes 9-12. Students must complete a credit of English I, II, III, and IV. Honors level classes at each level and the dual credit Composition I and Composition II are acceptable replacements. Additionally, students must complete one credit of an elected English class from the following: Speech, Creative Writing, or Film Studies.. **(Mrs. Taylor, Mr. McConnell, Mr. Wofford, Mrs. Moore, Mrs. Roach, Mr. Conner)**

## **Honor Cord—Black**

## **Fine Arts Department**

Cumulative 3.5 GPA in fine arts classes. If art only, then 8 semesters required. If band or vocal music only, then 8 semesters required. If combined fine arts classes, then 10 semesters required. Fine arts required classes include: Art I, II, III, IV, Band, Chamber Singers, Concert Choir. Must compete in art districts or music contest/festivals at least two years including: District Solo/Large Ensemble, District or SCA Choir, SCA Band, or District Art Show. **(Mr. Frederickson, Mrs. Russell, Mrs. Dingess, Mrs. Kettner)**

## **Honor Cord—Burgundy**

## **Foreign Language Department**

Cumulative 3.5 GPA in foreign language courses is required for those with three years of foreign language study. For those with only two years of foreign language study, a GPA of 4.0 in all foreign language classes is required. **(Mrs. Irwin, Mrs. Moore)**

## **Honor Cord—Red**

## **Mathematics Department**

Cumulative 3.5 GPA in required math courses and Calculus or 4.0 GPA in required classes and College Algebra. Required classes: Geometry, Algebra II, and Precalculus/Trigonometry. **(Mr. Gray, Mrs. Leathers, Ms. Major, Mr. Alex, Mr. Felkerson)**

## **Honor Cord—Navy Blue**

## **Physical Education Department**

Cumulative 3.5 GPA in physical education classes. Four years of physical education classes required 9-12. Run a mile in under 8 minutes for PE and Weight Training, score at the All-State Level in BFS Standards in the bench, squat or clean at the 12<sup>th</sup> grade level for Weight Training. **(Mr. Freeman, Mr. Karr, Mrs. Barnes)**

## **Honor Cord—White**

## **Science Department**

Cumulative 3.5 GPA in science classes. Required classes: Chemistry I or Earth Science, Biology, and Physical Science plus at least one additional upper level science class. **(Mr. Carty, Mrs. Loughridge, Mrs. Atkinson, Mrs. Hogan, Mrs. Sanders)**

## **Honor Cord—Green**

## **Social Studies Department**

Cumulative 3.5 GPA in all Social Studies. At least 10 semesters of Social Studies required. **(Mr. Hubbs, Mr. Frillman, Mr. Howard, Mr. Sampson)**

## **Honor Cord—Purple**

## **Student Council**

Be a member of Student Council in good standing. **(Mr. Howard)**

## **Honor Cord—Silver**

## **National Honor Society**

Be a member of SHS NHS in good standing. Complete required service hours. **(Mrs. Loughridge)**

## **Honor Cord—Blue and Gold**

## **MAP/EOC**

Achieve “Advanced” on any EOC test in grades 10-12. **(permanent record)**

## **Honor Cord—Orange and Black**

# COMMUNICATION ARTS

## ENGLISH I

All Year

Credit 1

Grade Level: 9

In this course we will be working with the foundations of the communication arts which include grammar, vocabulary, listening, speaking, reading, and writing. The goal of this class is to supply the student with all the skills he or she needs in order to succeed in later levels throughout their high school careers. We will spend the first few early months building on skills you already possess before adding to those abilities. Independent reading and conferencing are required in this class. Several activities throughout the year will be differentiated based on each student's abilities and interests. At the end of the second semester students will be tested to determine those who will be transitioning to the high school English honors classes.

## ENGLISH II

All Year

Credit :1

Grade Level : 10

Students continue to practice the skills introduced in English I, emphasizing the following: grammar skills, citing textual evidence, vocabulary study, making inferences, figurative language, literary analysis, and essay writing. This course will prepare students for the state-wide End of Course examination which will comprise part of the student's final grade.

## ENGLISH III

All Year

Credit: 1

Grade Level: 11

This course is designed to build off of English I and II, through the study of a variety of American authors, and emphasizing literary analysis, grammar, usage, and mechanics, with an emphasis on written and oral communication skills.

## ENGLISH IV

All Year

Credit: 1

Grade Level: 12

Students will continue to strengthen skills learned in previous English courses. Emphasis will be placed on the writing process, and students will be expected to experiment with the different modes of writing. Care will also be given to grammar, spelling, and mechanics. Students will also study various pieces of British literature. The authors and selections are ones with which college freshmen are expected to be familiar.

## TECHNICAL ENGLISH

All Year

Credit: 1

Grade Level: 12

This course is an introduction to technical and professional writing. We focus on skills necessary to anyone interested in a career in business or industry. Reading for information, writing letters, emails, and other professional documents, and much more. The student will learn the principles and conventions of technical writing and practice those conventions in a variety of assignments that would typically be encountered in the work place.

## SPEECH

All Year

Credit: 1

Grade Level: 10-12

Speech provides the study of and practice in the basic principles and techniques of effective oral communication. This includes instruction in adapting speech to different audiences and purposes. Students will make oral presentations such as: viewpoint, instructional, demonstrative, informative, persuasive, and impromptu. Students will express subject matter knowledge and content through creative, analytical, and writing, as well as reading a variety of literary genre, this course emphasizes research using technology and careful organization and preparation. **This course is equivalent to an English IV credit.**

# ADVANCED ENGLISH CLASSES

## HONORS ENGLISH II

All Year

Credit: 1

Grade Level: 10

This course will enable college-bound students to study and practice the writing process and to understand different types of composition while reading literature. Concepts emphasized in this course include: vocabulary study, proper application of grammar and mechanics, literary analysis techniques, public speaking skills, and a variety of writing styles. Students wanting to move into this course will be tested at the end of English I to determine those who will be transitioning to the high school English honors classes. While in an honors English course, students are expected to maintain a grade of a “C” or higher. Students who drop below a “C” will be required to meet with the teacher and/or counselor to determine if a schedule change is needed per quarter.

## HONORS ENGLISH III

All Year

Credit: 1

Grade Level: 11

This course is recommended for students who have completed 10<sup>th</sup> grade Honors English II. This course is designed for college-bound students to continue to study and apply the writing process by concentrating on various American literary pieces. The course will again emphasize literary analysis, grammar, usage, and mechanics, with an emphasis on written and oral communication skills. This course is suggested for those students who are interested in taking dual enrollment English IV. While in an honors English course, students are expected to maintain a grade of a “C” or higher. Students who drop below a “C” will be required to meet with the teacher and/or counselor to determine if a schedule change is needed per quarter.

## ENGLISH IV: COMPOSITION I: DUAL CREDIT

First Semester

HS Credit: 1/2 College Credit: 3

Grade Level: 12

An introduction to college-level writing in which students develop critical reading and writing skills. The emphasis in reading has students locating, evaluating and synthesizing information in an analytical and ethical manner. The emphasis in writing develops students understanding of the ways writers generate and express ideas of different purposes to various kinds of audiences across a range of context, including social, academic and professional. Students work on argumentation, rhetorical analysis and editing for clarity, style and conventions. A Grade of 'C' or better is required in this course in order to take ENG 221 as dual enrollment. Students must meet all requirements of Missouri State University—West Plains, score an 18 or better on the reading portion of the ACT, and pay appropriate fees and have an accumulative 3.0 GPA. A writing sample may be required by MSU-West Plains. Dual enrollment is not required to take this course.

## ENGLISH IV: COMPOSITION II: DUAL CREDIT

Second Semester

HS Credit: 1/2 College Credit: 3

Grade Level: 12

**Prerequisite: English IV: Comp I.** Students apply discipline-specific knowledge to a variety of writing situations encountered by professionals: correspondence, proposals, documented research reports, abstracts, definitions, product and process descriptions. Projects emphasize developing skills in audience analysis, including multicultural considerations; analytical reading; critical thinking; research methods; and clear writing, with attention to the ethical dimensions of workplace writing. Students must meet all requirements of Missouri State University-West Plains, score an 18 or better on the reading portion of the ACT, and pay appropriate fees and have an accumulative 3.0 GPA in order to take this class as dual credit. Dual credit is not required to take this course.

# ELECTIVE ENGLISH CLASSES

(These courses DO NOT meet the English IV requirement)

## FILM STUDIES

Either Semester

Credit: 1/2

Grade Level: 11-12

Film studies focuses on teaching movies as visual narratives, but students analyze and study all of the language system of film. In studying these valuable tools that filmmakers use, students better understand how movies are constructed and appreciate the criteria necessary to make a film. The course is a film history course and a genre study course; students will study important film movements as well as the conventions of genre. Film Studies is not intended to be a course solely for aspiring filmmakers, but for students who have an interest in film and who are willing to work through the analytical process. Students will frequently write analytical responses in essay format and formally speak in response to the content of the films. Students will study the development of theme, plot, characterization, and setting in each production; they will also learn and use the vocabulary associated with the film. This is a writing and speaking intense course. Students can expect to write at least one well-developed essay per week.

## CREATIVE WRITING

Either Semester

Credit: 1/2

Grade Level: 11-12

This course is designed to introduce the student to creative writing through the production of poems, short stories, and screenplays. This course is project oriented, and students will need to possess a high level of self-discipline and focus. Students will participate in various exercises, to include blogging as well as written exercises. The class will include a final project where students will write, film, and edit an original story. Students will learn by revising, editing, and critiquing one another's work.

## CONTEMPORARY LITERATURE

All Year

Credit: 1

Grade Level: 11-12

A study of the literature of drama through the analysis of texts by Albee, Marinetti, Bontempelli, Pirandello, Betti, Beckett, Zanesque and Tennessee Williams. Important questions such as identity and diversity are discussed from a variety of perspectives within the social, psychological and multicultural complex of our time. Students will write critical essays and evaluate plays, studying the different genres and relating them to the literary elements found in literature.

## CONTEMPORARY LITERATURE II

All Year

Credit: 1

Grade Level: 11-12

**Prerequisite: Contemporary Literature I.** An advanced study of theatre in which students will further develop their acting performance, character preparation, and character analysis skills and techniques. Students will be performing in acting and preparation, as it relates to different types of production and setting. Students will be required to write intensively, developing scripts and analyzing various characters from stage and film.

## JOURNALISM

Either Semester

Credit: 1/2

Grade Level: 11-12

Students are introduced to the historical importance of journalism in America. They study the basic principles of print and online journalism as they examine the role of printed news media in our society. They learn investigative skills, responsible reporting, and journalistic writing techniques as they read, respond to, and write their own news and feature articles. Students conduct interviews, research, write, and then design their own publications. Journalism is a survey of the basic concepts of reporting and non-fiction writing. Students will encounter various article formats and work towards developing their voice using various writing styles. They will uncover the history of journalism and speculate on the direction that this noble profession will take in the future. They will discuss journalistic ethics and think critically about bias in reporting. Students will be grounded in the major traditions, celebrated journalists, and professional integrity of the discipline. Much of the course will focus on the students developing and improving their writing in a variety of styles and formats. Voice, tone, syntax, vocabulary, structure, and editing techniques will all be addressed in a writing workshop atmosphere.



# FOREIGN LANGUAGE

## FRENCH I

All Year

Credit: 1

Grade Level: 9-12

This course is an introduction to the French-speaking world. Both language and culture are an integral part of the course. Level I will emphasize communication in basic French in both formal and informal situations. This course will contain an introduction to various aspects of the geography, history, customs, and civilization of France and French-speaking countries. Students who enroll in French I must have a “B” average in English classes.

## FRENCH II

All Year

Credit: 1

Grade Level: 10-12

**Prerequisite: French I.** Concepts studied in French II will focus on deepening student mastery of all four types of verbal communication: listening, speaking, reading, and writing, with an introduction to the nonverbal communication skills one needs in order to have a pleasant experience in France. Students will continue to broaden their understanding of French culture, history, and geography in this course. Students who enroll in French II must have a “C” average in French I.

## FRENCH III

All Year

Credit: 1

Grade Level: 11-12

**Prerequisite: French II.** French III is a class offered to those students who have finished both French I and French II. French III is an advanced class for improved communication, reading, and writing skills. Grammar skills will concentrate on additional verb tenses and sentence construction. Students will use French language skills with accuracy to recombine learned materials to express their thoughts both orally and in writing. Students who enroll in French III must have a “C” average in French II.

## SPANISH I

All Year

Credit: 1

Grade Level: 9-12

Students who enroll in Spanish I **MUST** have at least a B average in English. This course is an introduction to the language and cultures of the Spanish-speaking world. Students will learn skills in listening, reading, speaking and writing in Spanish. Focus will be on vocabulary acquisition, understanding grammar concepts, and learning about Hispanic cultures as a foundation for communicating in the language.

## SPANISH II

All Year

Credit: 1

Grade Level: 10-12

**Prerequisite: at least a “C” in Spanish I:** This course is a continuation of Spanish I. Students will acquire intermediate skills in listening, reading, speaking and writing in Spanish. Focus will be on growing vocabulary, refining understanding of grammar concepts, and exploring the cultural products and practices of Hispanic communities around the world, including the United States.

## ELEMENTARY SPANISH I (DUAL CREDIT)

First Semester

HS Credit: 1/2 College Credit: 4

Grade Level: 11-12

**Prerequisite: Spanish II.** This course is equivalent to college Elementary Spanish I. Course participants review and practice basic grammar structures and verb tenses, broadening and deepening the skills, vocabulary, and cultural knowledge acquired in Spanish II. Students who successfully complete this course will possess the listening, speaking, reading, and writing skills necessary to enter Elementary Spanish II in college. Dual enrollment through Southwest Baptist University is possible in this course. All fees must be paid by December 15.

## ELEMENTARY SPANISH II (DUAL CREDIT)

Second Semester

HS Credit: 1/2 College Credit: 4

Grade Level: 11-12

**Prerequisite: Elementary Spanish I.** This course is a continuation of Elementary Spanish I and is equivalent to college Elementary Spanish II. Course participants complete the review and practice of all basic grammar structures and verb tenses, continuing to advance the skills, vocabulary, and cultural knowledge acquired in Elementary Spanish I. Students who successfully complete this course will possess the listening, speaking, reading, and writing skills necessary to enter Intermediate Spanish in college. Dual enrollment through Southwest Baptist University is possible in this course. All fees must be paid by April 15.

# SOCIAL STUDIES

## WORLD HISTORY

All Year

Credit: 1

Grade Level: 9

This course is designed to help students develop and understand a fact basis for World History beginning at the Renaissance and moving through history to the present. In this course the student will study people and events dealing with the Renaissance, reformation, exploration, expansionism, colonialism, the Industrial Revolution, World War I, and the rise of totalitarian regimes.

## AMERICAN HISTORY

All Year

Credit: 1

Grade Level: 10

This year-long required course is a study of American History from 1865 to 1945. After a short review of earlier history, students begin with the rebuilding of the nation after the Civil War and continue through World War II.

## AMERICAN GOVERNMENT

Either Semester

Credit: 1/2

Grade Level: 11-12

This semester course, available to juniors and seniors is required for graduation. It covers the political process and the structure and function of federal and state government. Both the Missouri and U.S. Constitutions are studied and tests must also be passed to meet graduation requirements.

## WORLD GEOGRAPHY

Either Semester

Credit: 1/2

Grade Level: 9-10

This course is a study of man's relationships to the world. The course will cover basic map skills, physical geography. Emphasis is placed on location of countries and their importance in today's affairs.

## SOCIOLOGY

Either Semester

Credit: 1/2

Grade Level: 11-12

This semester course will stress basic ideas concerning the study of people in groups. Key concepts will include the family, community, culture, social structure, and struggle over power. The course will also emphasize research and an in-depth study of world societies including western and non-western cultures.

## PSYCHOLOGY

Either Semester

Credit: 1/2

Grade Level: 11-12

This semester course will provide students with a basic understanding of human behavior. Students will become familiar with different perspectives of psychology: behavioral, cognitive, humanistic, psychoanalytical, biopsychological, sociocultural and eclectic. Topics include experimental design, sensation and perception, motivation, learning, personality theory and psychological disorders.

## GLOBAL STATS AND PERSPECTIVES

Either Semester

Credit: 1/2

Grade Level: 11-12

This semester course covers the creation, development and evolution of several different eastern and western civilizations. This course will also cover belief systems, demographics, government institutions, etc.

## AP PSYCHOLOGY

All Year

Credit: 1

Grade Level: 12

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Preparation for the AP exam will be included. Students do not have to take the AP exam to be enrolled in this class.

## U.S. COLLEGE HISTORY I (DUAL CREDIT)

First Semester

HS Credit: 1/2 College credit: 3

Grade Level: 11-12

Formation of the United States and its civilization from the Age of Discovery through the Reconstruction Era, with emphasis on the influence of the Frontier and the Native American, European and African heritages; the constitutional development of the federal government; the evolution of the nation's economic system, social fabric and diplomatic experiences. This course may be **dual** credit through Missouri State University-West Plains. In order to receive college credit for a course, the student must receive a grade of "C" or above. Students must meet all requirements of MSU-WP including a 3.0 accumulative GPA and payment of fees.

## U.S. COLLEGE HISTORY II (DUAL CREDIT)

Second Semester

HS Credit: 1/2 College credit: 3

Grade Level: 11-12

Modernization of the United States and its role in the world affairs from the late 19th Century to the present, with emphasis on industrialization and urbanization and their impact on socioeconomic and international developments. This course may be **dual** credit through Missouri State University-West Plains. In order to receive college credit for a course, the student must receive a grade of "C" or above. Students must meet all requirements of MSU-WP including a 3.0 accumulative GPA and payment of fees.

# MATHEMATICS

## MATH 9

All Year

Credit: 1

Grade Level: 9

This course is for all incoming freshmen who have not taken Algebra 1 in 8th grade. This is an introductory course to cover basic level algebraic skills. Topics included are real number system, linear equations and inequalities, systems of equations, statistics and probability.

## ALGEBRA 1

All Year

Credit: 1

Grade Level: 10

This course is designed to give the students the background needed to apply algebraic concepts. This course covers reasoning skills, solving equations and inequalities, graphical representations, multiplication of polynomials, and working with real, rational and irrational numbers. This course will include some tasks that will give the students a better understanding of the relationship between mathematics and the real world. Students are required to score proficient or advanced on the Algebra I EOC to participate in the A+ program.

## GEOMETRY

All Year

Credit: 1

Grade Level: 11-12

**Prerequisite: Algebra I.** This course advances a student's mathematical study and covers reasoning skills, geometric properties of two and three dimensional objects, solving triangles, basic trigonometry, areas and volume.

## HONORS GEOMETRY

All Year

Credit: 1

Grade Level: 9

**Prerequisite: "B" or better in Honors Algebra I and score proficient or advanced on Algebra I EOC.** This course advances a student's mathematical study and covers reasoning skills, geometric properties of two and three-dimensional objects, solving triangles, basic trigonometry, areas and volumes.

## ALGEBRA II

All Year

Credit: 1

Grade Level: 11-12

**Prerequisite: Enrolled in Geometry or Completed Geometry.** This course builds on Algebra I concepts, to study advanced topics. Course topics include higher order equations, systems of equations, problem solving, graphing, matrices, complex numbers, exponential/logarithmic functions, application of series and sequences, conic sections and more.

## HONORS ALGEBRA II

All Year

Credit: 1

Grade Level: 10

**Prerequisite: Honors Geometry with a “B” or better.** This course builds on Algebra I concepts, to study advanced topics. Course topics include higher order equations, systems of equations, problem solving, graphing, matrices, complex numbers, exponential/logarithmic functions, application of series and sequences, conic sections and more. Intended for college bound sophomores.

## PRECALCULUS WITH TRIGONOMETRY

All Year

Credit: 1

Grade Level: 11-12

**Prerequisite: Algebra II with a “B” or better and teacher recommendation.** This is an advanced math course designed to give college-bound students a working knowledge of trigonometry, as well as introducing topics of elementary functions, probability, statistics, and series. This course will analyze data, model problems of uncertainty, use statistical tools, and examine the patterns of different series. Scientific calculator (and/or graphing utilities) will be used in this course.

## AP CALCULUS (DUAL CREDIT)

All Year

HS Credit: 1 College Credit: 5

Grade Level: 12

**Prerequisite: Pre-Calculus with Trigonometry with a “B” or better.** This is a college level course in calculus. In this course students will develop the concepts and skills associated with limits, techniques and applications of differentiation, introduction to techniques of integration, and applications of integration. Multiple representations of each concept will be investigated—graphical, analytical, numerical, and verbal. Technology will be integrated throughout to develop and enhance the curriculum. Students will work problems from a graphical, numerical or analytical point of view. Calculus can be dual enrolled for both high school and college credit. The student taking this course as dual credit (MAT1195) must meet all requirements of Southwest Baptist University, including an acceptable ACT score, **score a minimum of 25 on the math portion of the ACT**, and payment of fees. Students may also elect to take the AP Calculus exam.

## COLLEGE ALGEBRA (DUAL CREDIT)

All Year

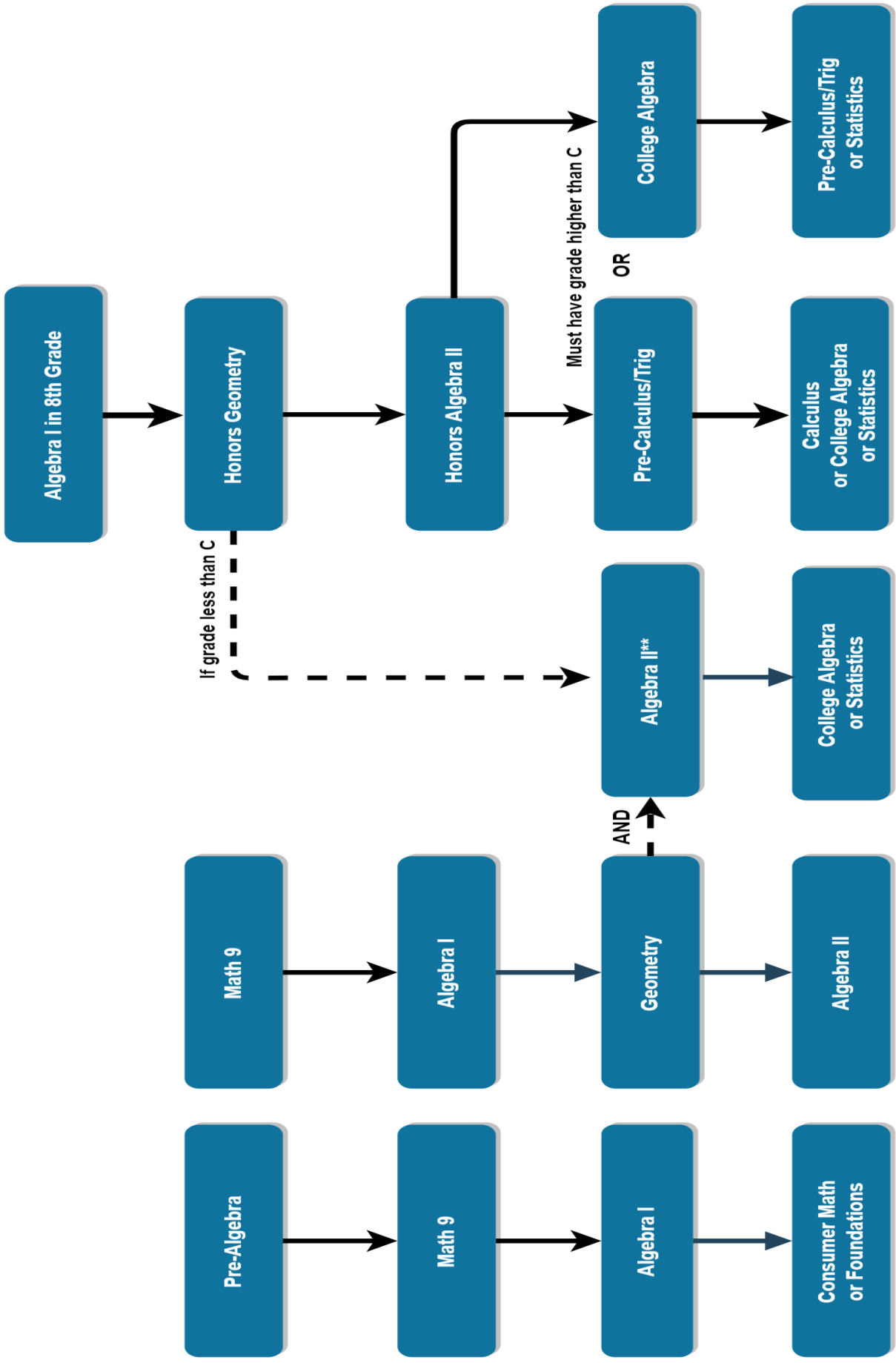
Credit: 1 College Credit: 3

Grade Level: 11-12

**Prerequisite: Enrolled in Algebra II or Completed Algebra II with a “C” or better.** This course is an advanced course for college bound students. This course explores the use of algebra in the real world. This exploration takes place by examining the concept of function. Conceptual understanding of linear, exponential, logarithmic, quadratic, and other polynomial functions is grounded in the collection and statistical analysis of real world data. Functions will be used to solve real world problems using modeling techniques. The concept of function is also explored in detail using analytic geometry. This course can be dual enrolled for both high school and college credit. The students taking this course as dual credit (MAT1143) must meet all requirements of Southwest Baptist University, including an acceptable ACT score, **score a minimum of 18 on the math portion of the ACT** and payment of fees.

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\*\*Please note: Consumer Math, Math Foundations A/B are placement only classes.



# SCIENCE

## REQUIRED PHYSICAL SCIENCE

### EARTH SCIENCE

All Year

Credit: 1

Grade Level: 9

This two semester course may be taken instead of Chemistry I to meet the 10th grade physical science requirement. Physical and chemical properties of the earth are reviewed. Units include: formation and deposition processes, geology and atmospheric science.

### BASIC CHEMISTRY/CHEMISTRY

All Year

Credit: 1

Grade Level: 10-12

This is a two semester course required to meet the 10th grade physical science requirement. Students explore the fundamental principles of chemistry which characterize the properties of matter and how it reacts. Traditional and computer-based lab models are used to obtain, organize, and analyze data using mathematical concepts. Conclusions are developed using both qualitative and quantitative procedures. Units covered include: measurement, atomic structure, electron configuration, the periodic table, bonding, gas laws, properties of liquids and solids, solutions, stoichiometry, reactions, kinetics, equilibrium, acids and bases, nuclear chemistry, and biochemistry (matter and energy transfer, photosynthesis, cellular respiration, enzyme reactions, and organic compounds).

### BIOLOGY

All Year

Credit: 1

Grade Level: 11

This two-semester course provides an overview of the organization, interactions and processes of living things, from the level of the biosphere down to the cellular level. Students taking this course are required to take the Missouri End of Course examination in Biology.

## ELECTIVE SCIENCE COURSES

### CHEMISTRY II

All Year

Credit: 1

Grade Level: 11-12

**Prerequisite: successful completion of Chemistry I and Algebra II and permission of the instructor.**

This is an elective two-semester course. Content and processes developed in Chemistry I will be applied. Units may include: phases of matter, gases, solutions, acid and base equilibria, solubility equilibria, organic and nuclear chemistry. This course is particularly intended to help prepare students for further advanced and college level courses.

### PRINCIPLES OF ENGINEERING

Either Semester

Credit: 1/2 G

Grade Level: 11-12

This is an elective one semester course. This class will draw from all areas of science and focus on applying those scientific concepts to practical applications. Units may include: engineering concepts, automotive, farm equipment, electrical concepts, and meteorology. Engineering concepts will include a wide variety of topics from mechanical engineering to genetic engineering.

### ASTRONOMY

Either Semester

Credit: 1/2

Grade Level: 11-12

This is an elective one semester course. This course will give students a base knowledge of the universe and compare and contrast the property, conditions, and motions of bodies in space. The content includes, but is not limited to, historical astronomy, astronomical instruments, the celestial sphere, the solar system, the earth as a system in space, the earth/moon system, the sun as a star, stars and space exploration.

## ELECTIVE SCIENCE COURSES

### ECOLOGY

All Year

Credit: 1

Grade Level: 12

This is an elective two semester course. Operation of the natural environment and its interactions with society are examined. Emphasis will be placed on current environmental issues.

### ANATOMY/ PHYSIOLOGY WITH LAB

All Year

Credit: 1

Grade Level: 12

**Prerequisite: A GPA of at least 3.0 or an ACT composite score of 18, completion of Biology I with a least a “B”, recommendation from most recent science teacher.** This class is an introduction to basic anatomy and physiology of the human body. Anatomy (what is it?) requires the memorization of mass information and identification of parts of the body in order to understand the Physiology (what does it do?). Special emphasis is placed on body systems and conditions that may upset the delicate balance of each system and produce disease. Medical terminology will be integrated into the course to expand the student’s medical vocabulary. A fetal pig dissection is mandatory for this course.

### COLLEGE BIOLOGY (DUAL CREDIT)

All Year

HS Credit: 1 College Credit: 4

Grade: 12

**Prerequisite: A GPA of at least a 3.0 or an ACT composite score of 18, at least a “B” average in all previous high school science courses, recommendation from most recent science teacher, previously taken Biology 1, and receive a minimum of a 70% on the entrance exam.** College Biology will provide students with an overview of evolution; human populations, health and health issues; plant contributions; and the biosphere. Organisms are studied from their behavioral, ecological, hereditary and evolutionary perspectives. Students will develop skills of gathering information about science, reasoning scientifically from that information and synthesizing responses to questions based upon that information in order to explain biological phenomena. Any college level course requires students to take more responsibility for their learning, both in and out of the classroom, than is usual in high school courses. Students must be prepared to do the level and quantity of work expected in a college course. (This course is the same as the one listed in the Missouri State University - West Plains catalog as “BIO 101 (3 credit Hours) and BIO 111 (1 credit hour)”. (These class are to be taken at the same time as BIO 111 is the lab portion of the Biology class. To be awarded college credit, students must pay MSU’s dual credit tuition fee and maintain at least a “C” in the course.)

### INTRO TO HEALTH CAREERS

Either semester

Credit: 1/2

Grade Level: 11-12

This class will introduce students to various health career fields and the basic enter-level knowledge for these fields. This course will allow students to investigate various health fields to assist in determining if a healthcare career path is right for them. Areas of focus will include but not be limited to infection control and safety precautions, basic anatomy and physiology, introduction to medical terminology, basic clinical skills, and an overview of various health careers.

# PRACTICAL ARTS

## BUSINESS EDUCATION

### PERSONAL FINANCE/ONLINE PERSONAL FINANCE

Either Semester

Credit: 1/2

Grade Level: 11-12

Students will learn foundational financial topics that affect the consumer in their personal lives. Includes banking, credit, insurance, taxes, and more. Students may opt to take this course “online” independently in the school library during the school day. **This class is required for graduation.**

### BUSINESS APPLICATIONS

Either Semester

Credit: 1/2

Grade Level: 9-12

Students will gain experience in the Microsoft Office suite: Word, Excel, PowerPoint, and a little Access. Focus is on software used in business, marketing, and finance industries.

### PHOTOSHOP

Spring Semester

Credit: 1/2

Grade Level: 9-12

**Prerequisite: Multimedia or Commercial Art.** Students will build additional experience in a Adobe Photoshop through multiple projects.

### ECONOMICS

Fall Semester

Credit: 1/2

Grade Level: 10-12

Students will learn economic concepts as they relate to personal and business life. Topics include supply and demand, competition, growth and stability, and more.

### BUSINESS LAW

Spring Semester

Credit: 1/2

Grade Level: 10-12

Students will learn about fundamental laws and legal practices as they relate to one’s personal or professional life or in business

### BUSINESS MANAGEMENT (DUAL CREDIT)

Either Semester

Credit: 1/2 College Credit: 3

Grade Level: 10-12

Students will learn about many topics involved in operating a business including human resources, personnel management, taxation, government relations, and more. This course may be **dual** credit through Missouri State University-West Plains. In order to receive college credit for a course, the student must receive a grade of “C” or above. Students must meet all requirements of MSU-WP including a 3.0 accumulative GPA and payment of fees.

### INTERNSHIP

All Year

Credit: 1-2

Grade Level: 11-12

**Prerequisite: An application and approval of the teacher and an interview with potential employers is required.** Students will be placed in occupations within the community to develop valuable work skills. Students must be able to drive themselves to and from work. May be taken for up to two consecutive hours of the school day.

### ENTREPRENEURSHIP

Fall Semester

Credit: 1/2

Grade Level: 10-12

Students will learn a broad range of knowledge necessary to start and run a business such as preparing a business plan, securing a loan, promoting your business, and more.

### INTRO TO BUSINESS

Either Semester

Credit: 1/2

Grade Level: 9-12

Students will be exposed to a broad range of business topics including management, marketing, accounting, economics, and law.



# BUSINESS EDUCATION

## MARKETING (DUAL CREDIT)

Fall Semester

Credit: 1/2

Grade Level: 10-12

Students will learn the fundamentals of marketing processes for a business including social media strategies. This course may be **dual** credit through Missouri State University-West Plains. In order to receive college credit for a course, the student must receive a grade of "C" or above. Students must meet all requirements of MSU-WP including a 3.0 accumulative GPA and payment of fees.

## MULTIMEDIA

Either Semester

Credit: 1/2

Grade Level: 9-12

Students will be exposed to a wide variety of digital media including the G suite, web design, Photoshop, 3-D printing, video presentation and app making.

## SPORTS MANAGEMENT & MARKETING

Spring Semester

Credit: 1/2

Grade Level: 10-12

Students will learn about management and marketing strategies related to amateur or professional sports or sporting events or other entertainment events.

## INTRO TO CODING

Either Semester

Credit: 1/2

Grade Level: 9-12

**Prerequisite: Students must pass an algebra-based math placement test.** Students will learn foundational coding behaviors in the JavaScript language while creating a variety of apps. No previous knowledge required.

## CYBERSECURITY

Fall Semester

Credit: 1/2

Grade Level: 9-12

Students will learn about a variety of common cyber threats that face consumers and businesses through multiple projects.

## PROGRAMMING IN PYTHON

Spring Semester

Credit: 1/2

Grade Level: 9-12

**Prerequisite: Intro to Coding.** Students will build on previous coding knowledge by exploring a new computer language.

## ACCOUNTING

Spring Semester

Credit: 1/2

Grade Level: 10-12

Students will learn basic accounting practices used for business and personal use. Includes the accounting cycle, posting to ledgers, preparation of end-of-period statements, and more.

## BUSINESS COMMUNICATIONS

Either Semester

Credit: 1/2

Grade Level: 10-12

Students will develop soft skills such as interviewing, presentation and body language, and appropriate written communication for the business industries through multiple projects.

## BUSINESS MODEL

All Year

Credit: 1-2

Grade Level: 11-12

**Prerequisite: An application and approval of the teacher is required.** Students will operate a sign-making business under the tutelage of a teacher. From creation to marketing to accounting, students will gain experience running a business within the community. This course may be taken for one or two hours of the school day.

# AGRICULTURAL EDUCATION

A student may receive one unit of credit in science for meeting the state high school graduation requirements by completing three agriculture education courses. The other two credits will be counted as electives. The courses must be selected from the following: Ag Power I, Ag Power II, Ag Science I, Ag Science II, Ag Structures I & II, Animal Science, Forest Management, Natural Resources, Greenhouse Operation, Veterinary & Equine Science, and Conservation of Natural Resources—Fish & Wildlife Management. See Agricultural Education classes for descriptions.

## AG-SCIENCE I

All Year

Credit: 1

Grade Level: 9-12

This yearlong class is the first course in agricultural education and is designed for 9th through 12th grade students. Units studied include: leadership ability development, livestock care, selection and breeding, career selection. Supervised Agricultural Experience (SAE) program development and the use of basic hand and power equipment. Completion of Agricultural Science 1 is REQUIRED prior to enrollment in any other agricultural education course. A Missouri Agricultural Education Record Book will be a requirement in this class. It is one quarter of the grade.

## AG-SCIENCE II

All Year

Credit: 1

Grade Level: 10-12

This yearlong course is for second year students. 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 management, and grassland management techniques. Agricultural Science II students learn additional agricultural mechanics skills. Agricultural Science I and Agricultural Science II are both required prior to enrollment in any other agriculture courses. A Missouri Agricultural Education Record Book will be a requirement in this class. It is one quarter of the grade.

## AGRICULTURAL CONSTRUCTION I (WELDING)

First Semester

Credit: 1/2

Grade Level: 11-12

**Prerequisite: Ag I and Ag II.** During this fall-semester class students will develop competencies in welding with AC/DC arc welders, oxy-acetylene gas welders and gas metallic arc welders (GMAW). Small project construction will be done once competencies are met. A Missouri Agricultural Education Record Book will be a requirement in this class. It is one quarter of the grade.

## AGRICULTURAL CONSTRUCTION II (ELECTRICITY, CONCRETE & PLUMBING)

Second Semester

Credit: 1/2

Grade Level: 11-12

**Prerequisite: Ag I and Ag II.** Students in this spring semester course will learn how to use electrical tools for wiring, wire selection, motors, and electrical components. Agricultural Electricity will provide practical experience involving the wiring of various electrical devices, switches, outlets, etc. Electricity generation, transmission and distribution are also studied. Concrete, masonry and plumbing skills will be included in the course of study. This class will be paired with Agricultural Construction I (Welding). A Missouri Agricultural Education Record Book will be a requirement in this class. It is one quarter of the grade.

## FOREST MANAGEMENT

Second Semester

Credit: 1/2

Grade Level: 11-12

With the tremendous forest resources of Dent County and southern Missouri, this course provides students a valuable education. Forests in Missouri, tree identification measurements in forestry, land survey and property boundaries, opportunities in forestry, and fire prevention suppression are all included in this semester course. This class will be offered first semester opposite Conservation of Natural Resources.

# AGRICULTURAL EDUCATION

## CONSERVATION OF NATURAL RESOURCES-FISH AND WILDLIFE CONSERVATION

First Semester

Credit: 1/2

Grade Level: 11-12

Enrollees will learn about conservation of water, wildlife management and laws, wildlife identification, and soil and water ecology as it relates to fish, water fowl, habitats, wildlife cover and conservation of all species of wildlife. This course will be offered second semester opposite of Forest Management.

## AGRICULTURAL STRUCTURES I (GENERAL SHOP TOOLS AND PROCESSES)

First Semester

Credit: 1/2

Grade Level: 11-12

**Prerequisite: Ag I and Ag II.** Enrollment in this semester class is limited to juniors and seniors. Sophomores may enroll if they have completed Agricultural Science I and are concurrently enrolled in Agricultural Science II. Records and projects will be graded monthly. This course will include record keeping, making and reading plans, materials selection, tool identification, and the use of leather, plastic, wood, and metal. Small skills projects will be completed with ample time to make small projects of students' choosing. Students will pay for materials used. A \$25.00 deposit is required before project construction begins. A Missouri Agricultural Education Record Book will be a requirement in this class. It is one quarter of the grade.

## AGRICULTURAL STRUCTURES II

Second Semester

Credit: 1/2

Grade Level: 11-12

**Prerequisite: Ag I and Ag II.** Students must be juniors or seniors and have successfully completed Agricultural Structures I (General Shop Tools and Processes) to enroll in this semester class. Sophomores may enroll if they have completed Agricultural Science I and are concurrently enrolled in Agricultural Science II. Project and serviced agricultural experience records will be kept and graded monthly. Enrollees will utilize the advanced woodworking facilities. High quality woodworking projects will be constructed. Woods, hardware, finishes, etc will be available for student purchase. Students using school furnished materials are required to pay a \$50.00 deposit at the beginning of the course. A Missouri Agricultural Education Record Book will be a requirement in this class. It is one quarter of the grade.

## AGRICULTURAL COMMUNICATIONS AND LEADERSHIP (DUAL CREDIT)

All Year

Credit: 1 College Credit: 2

Grade Level: 10-12

This year long course will enable students to develop the knowledge, attitudes and skills to demonstrate positive leadership for agriculture. Areas of focus include public speaking, extemporaneous speaking, impromptu speaking, written communication, meeting people, good first impressions, personal goals, team work, team/organizational goals, organizing groups to take action and evaluation of team/organizational actions. A Missouri Agricultural Education Record Book will be a requirement in this class. It is one quarter of the grade. This class can be dual credit through MSU-West Plains.

## GREENHOUSE OPERATION AND MANAGEMENT (DUAL CREDIT)

All Year

Credit: 1 College Credit: 2-3

Grade Level: 10-12

**Prerequisite: Ag I and concurrently enrolled in Ag II.** This year-long course develops a basic understanding of greenhouse techniques. The production of greenhouse crops will be used to demonstrate procedures such as plants started from cuttings, grafts, or by layering. Students will manage their own crop as a greenhouse project. A Missouri Agricultural Education Record Book will be a requirement in this class. It is one quarter of the grade. This class can be taken for dual credit through Missouri State University--West Plains.

## VET AND EQUINE SCIENCE

All Year

Credit: 1

Grade Level: 11-12

Both food and companion animal are studied in this course. Topics include cell and tissue biology, physiology, nutrition, disease prevention and diagnosis, and surgical procedures.

# CONSTRUCTION TRADES

## INTRODUCTION TO CONSTRUCTION

Either Semester

Credit: 1/2

Grade: 10-12

Introduction to Construction will cover basic tool safety, OSHA safety, and career exploration with the construction pathways. Basic projects will be completed in order to master fundamental skills required within Construction Trades I.

## CONSTRUCTION TRADES I

All Year

Credit: 2

Grade: 11-12

Construction Trades I is a course offered to 11th and 12th grade students interested in pursuing a career in the construction industry. Students will encounter many opportunities to reflect upon construction as a profession, develop images of themselves as a trade's person, and experience the realities of the job duties. There are opportunities for students to develop understanding of basic skills at every facet of the trades. Students will have the opportunity to explore safe and proper use of hand and power tools, construction based mathematics, basic surveying, site preparation, basic concrete masonry, basic block masonry, basic blueprint reading, basic rough carpentry, basic finish carpentry, basic electric wiring, basic plumbing, basic drywall and employability job skills (work habit, professional teamwork).

## CONSTRUCTION TRADES II

All Year

Credit: 3

Grade Level: 12

**Prerequisite: Construction Trades I.** This course is available to 12th grade students who are interested in pursuing a career in the construction industry. Students will encounter many opportunities to reflect upon construction as a profession, develop images of themselves as a trade's person, and experience the realities of the job duties. There are opportunities for students to develop understanding of basic skills at every facet of the trades. Students will have the opportunity to explore safe and proper use of hand and power tools, construction based mathematics, basic surveying, site preparation, basic concrete masonry, basic block masonry, basic blueprint reading, basic rough carpentry, basic finish carpentry, basic electric wiring, basic plumbing, basic drywall, and employability (work habit/professional/teamwork) job skills. The Construction Trades II class will be involved in field experience projects. These projects are actual hand-on construction that place the students in the elements of the construction world. Examples of these may be renovating homes, laying sidewalks, building garages, etc. This course will be offered the first three hours of the day.

# TECHNOLOGY EDUCATION

GRADE LEVEL: 11-12

APPLICATION NECESSARY

Students will be selected on a voluntary basis for the technical program according to grade point average, regularity of attendance in school, discipline record and commitment to career goals. This is a one- or two-year program for Juniors and Seniors. It is a four hour morning block each day. Students should have completed Algebra I before starting any RTI/RTC program.

**Embedded Credit:** An additional 1/2 credit per year may be awarded to students who complete three (3) credits in one Career and Technical Education program and meet the required criteria with a grade of “C” or above. The 1/2 credit may be in math, communication arts, biological science, or physical science, depending upon the program. The embedded credit program is designed to help meet graduation requirements. A completed application is required for this program. See the counselors’ office for more information.

## COURSES AVAILABLE:

- ◆ Air Conditioning/Heating—instruction in safety, thermodynamics, basic refrigerating systems, electrical fundamentals, residential heating and cooling, sheet metal fabrication, and heating process.
- ◆ Automotive Technology—instruction in auto shop safety, tools, equipment, engine fundamentals, reconditioning, performance, chassis, brake systems, engine tune-up, and repair orders.
- ◆ Collision Repair—instruction in welding, body and frame design and construction, surface preparation, basic sheet metal repair, body filler, refinishing and painting, glass installation, refinishing and painting.
- ◆ Culinary Arts —involved in food production, presentation, and catering.
- ◆ Drafting/Design—technical and architectural drawing and basic surveying.
- ◆ Early Childhood Careers—study of human development from birth to age 8, pediatric first aid, techniques for observing behavior, and effective strategies for working with children. Students are eligible to receive up to 12 hours of dual credit through ECC and 1/2 credit in Applied Communication Arts.
- ◆ Fire and Rescue Technology—basic fire fighter tactics, fire department management, fire investigations and hazardous materials response; second year students will receive training in EMT.
- ◆ Design Academy—graphic technologies, typography, graphic design, illustration, art direction, digital imaging, computer animation, audio-video production, logo design, advertising. **Students must have completed Art I.**
- ◆ Health Academy—rigorous course for juniors and seniors interested in medical field, medical terminology, anatomy and physiology college credit available, possible automatic admission into RTC programs. Information Technology—install and configure software, operating system, web server, basic network services, diagnose and resolve common network problems, use and support office suites.
- ◆ Marketing Education—designed for students entering a marketing occupation or a position requiring competency in specific marketing skills. Students will study advertising, cashiering, and display techniques.
- ◆ Masonry/Bricklaying—safety procedures, uses of tools and equipment, anchors, ties, and reinforcement, properties and technical details of foundations, floors, roofs, walls, and fireplaces.
- ◆ Pre-Engineering—a series of courses that prepare students for a career as an engineer; a meaningful, hands-on experience in problem-solving, teamwork, and project-based learning.
- ◆ Wood Manufacturing and Design—Students will be using sliding table, band and radial arm saws, jointer, planer, surface sander, raised-panel equipment, and kitchen design software.

\*\*Check with your counselor to see if you qualify!

# PHYSICAL EDUCATION

NOTE: Two Physical Education classes cannot be taken during the same semester. Physical fitness screening will be conducted in all sections of Physical Education. Students must earn a full credit in a class that has physical activities, in order to meet graduation requirements. Health cannot be counted towards meeting this full credit.

## WEIGHT TRAINING

All Year

Credit: 1

Grade Level: 10-12

**Prerequisite: Completion and passing of 4 of 7 Testing Standards.** This class will address advanced weight training techniques, safety, strength development and flexibility through isotonic, and stretching programs. Olympic weightlifting, and advanced plyometrics will be taught. Students will identify the major muscle groups and what lifts are used to develop these muscles. An agility program will be conducted each week during the spring semester. Running, sprints, and speed workouts will be incorporated into the workouts. Crossfit workouts will also be periodically incorporated into the monthly workouts. To be admitted students must meet the Fitnessgram standards for sit-ups, pushups, flexibility, and mile run, as well as meeting the BFS standards in the standing broad jump, pro agility, and 40 yard dash time. All interested High School students (grades 10-12) must be pre-tested and pass in 4 of the 7 categories prior to admittance.

\*Freshmen students will be admitted upon interview by the PE department teachers.

## CO-ED PHYSICAL EDUCATION

All Year

Credit: 1

Grade Level: 9-12

All sections of Co Ed P.E. will contain daily exercises for strength and flexibility. Aerobic activity will be a daily part of each class. Students will learn how to determine their resting heart rate, target heart rate, percent of body fat, and ideal body weight. Activities may include soccer, tennis, ultimate Frisbee, Frisbee golf, gymnastics, basketball, volleyball, softball, weight training, bowling, floor hockey, aerobic dance, and whiffle ball. Various health topics will also be covered as they relate to physical education.

## AEROBICS

All Year

Credit: 1

Grade Level: 9-12

The purpose of the aerobics program is to provide opportunities for the mental, social, and physical growth of each student. This program provides a variety of activities to promote physical and mental health throughout the student's life.

## TEAM SPORTS

All Year

Credit: 1

Grade Level: 9-12

This class is designed to be a competitive class. All activities will be team sports. Games in class will include units on volleyball, basketball, flag football, soccer, softball, floor hockey and variations of kick-ball and bombardment games. The class is designed for students who wish to be competitive and who have a competitive nature.

## HEALTH

Either Semester

Credit: 1/2

Grade Level: 9

This required course will lead to an awareness of good health practices. Such practices involve a life-style that values physical and mental health. Modern health focuses on wellness and the prevention of disease. In this class, students will develop knowledge of healthy life-styles, body systems, nutrition, the nature of diseases and disorders and their care and treatment, as well as good mental health practices. Students will also explore current health issues.

# FINE ARTS

## ART A

Either Semester

Credit: 1/2

Grade Level: 9-12

Art A is a semester course that is exactly the same as the first half of Art I. It is designed for those who have had no previous high school art, and are only able to take one semester of art. Both Art A and Art B (or the full year of Art I) must be completed with a “C” or better in order to take Art II.

## ART B

Either Semester

Credit: 1/2

Grade Level: 9-12

**Prerequisite: Art A.** Art B is a semester course that is exactly the same as the second half of Art I. It is designed for those who have taken Art A, and need to complete their fine art credit. Both Art A and Art B (or the full year of Art I) must be completed with a “C” or better in order to take Art II.

## ART I

All Year

Credit: 1

Grade Level: 9-12

Art I is a full year introductory level art course, which fulfills the fine art credit required for graduation, and is a prerequisite for all advanced high school art courses. This course introduces the elements and principles of design using a wide range of two and three dimensional media. It is designed for students who have had no previous high school art and can commit to a full year of art. Students planning on taking all four years of high school art can earn an honors cord at gradation with an A average grade.

## ART II

All Year

Credit: 1

Grade Level: 10-12

**Prerequisite: Pass Art I with a “C” or better.** Art II is a full year intermediate art class for students who are interested in building on the base skills learned from Art I (or Art A & B). In this class students will learn how to draw portraits and other subjects using artist pencils for realistic shading. Students will also explore different media and techniques in both two and three dimensions. This class is required for students who want to go on to take Art III and IV and earn their way toward a Fine Arts honor cord at graduation.

## ART III

All Year

Credit: 1

Grade Level: 11-12

**Prerequisite: both Art I and Art II.** Art III is a full year advanced art class for students seeking more in-depth studio projects and more individual instruction to further develop their skill, technique, and knowledge about two and three dimensional processes. During this year students will have the opportunity to have their artwork published in our annual art calendar featuring student drawings of scenes from the Salem area. This course is required for students going on to take Art IV, wanting to earn a fine arts honors cord at graduation, and is recommended for those who are wanting to build up their portfolio for possible scholarship opportunities.

## ART IV

All Year

Credit: 1

Grade Level: 12

**Prerequisite: Art I, Art II and Art III, and/or approval of the instructor.** This class is the most advanced art class offered to senior high art students. Its purpose is to give the student an opportunity to explore and practice new media to broaden their portfolio and to fine-tune his/her artistic abilities to a high level of specialization. Art IV is recommended for students who want to take art classes in college or who want to prepare a portfolio for scholarships and admission to an art college. At the completion of Art IV, students with an A average in art classes, may apply for a fine art honor cord at graduation.

## COMMERICAL ART

Spring Semester

Credit: 1/2

Grade Level: 9-12

Students will gain expericene in a variety of digital media useful in artistic expression through multiple projects in different media including Photoshop, Illustrator, 3-D printing and others.

# MUSICAL ARTS

## CHAMBER SINGERS

All Year

Credit: 1

Grade Level: 9-12

**Prerequisite: permission of instructor through audition.** SHS Chamber Singers offer the advanced choral student a chance to sing in a select a cappella vocal ensemble. Singers require a strong foundation in sight-reading and music fundamentals. Performances will occur consistently throughout the year, including events, SCA Festival, State and National competitions. Participation will be required at all concerts, contests, and festivals. This is a full-year course. Auditions occur in February prior to the next school year to determine placement.

## CONCERT CHOIR

All Year

Credit: 1

Grade Level: 9-12

**Prerequisite: permission from instructor, prior choir experience preferred but not required.** Participants will become familiar with choral music from major periods of history and continue growth in choral technique and music theory. Students will also be introduced to music in other languages. Performances will occur throughout the year, including local events and State competitions. Participation is required at all concerts, contest, and festivals. Concert Choir demands dedication and personal discipline on the part of each member in order to have an excellent choral group.

## HIGH SCHOOL BAND

All Year

Credit: 1

Grade Level: 9-12

**Prerequisite: Permission from the instructor.** This full year course gives students with prior instrumental music instruction the opportunity to develop their skills in both ensemble and solo performance. Students will prepare and perform music in a variety of different styles and genres throughout the year. Band is a demanding course that requires many performances and much practice outside of the class period. Students **MUST** attend a summer marching camp as well as all concerts, festivals, competitions, home football games and other activities that may be demanded of the band.

## COLOR GUARD

First Semester

Credit: 1/2

Grade Level: 9-12

**Prerequisite: Permission from the Instructor and passing an audition the previous Spring semester.** This course is offered only during the Fall semester during Marching Band season. Students will learn techniques of the color guard including dance and implementation of all required performance equipment (flags, performance rifles, etc.). This is a demanding course that requires many performances and practices outside of the class period. Students must attend all home football games, marching competitions, and other activities that may be demanded of the Marching Band.

## SECOND CHANCE BAND

All Year /Either

Credit: 1 or 1/2

Grade Level: 9-12

**Prerequisite: Permission from the Instructor.** This course may be taken the entire year or either semester. The class is geared toward students who want to learn to play a band instrument in order to play in the High School Band. Instruments and books will **not** be provided to students who wish to take this class. Students will rent or purchase an instrument and purchase a book.



# MUSICAL ARTS

## MUSIC APPRECIATION

Either Semester

Credit: 1/2

Grade Level: 9-12

This semester course is designed to broaden the musical horizon of its students. Topics to be covered will include but not be limited to: music elements, fundamentals, history, and a variety of musical genres and the study of different styles of music throughout the world. Also students will begin to learn the basics of music theory and learn to play basic instruments. This class is designed for students to complete their fine art credit that do not participate in band or choir. Students cannot enter the second semester without taking the first.

## BASIC GUITAR METHOD

Either Semester

Credit: 1/2

Grade Level: 9-12

This semester course is designed for students with **no** previous guitar experience. Students will receive guidance and direction in solving problems related to playing the guitar at a beginning level and will progress toward more advanced guitar playing as the semester progresses. **Students will provide their own acoustic guitar and will need other materials such as strings, picks, tuners, strap and guitar case.**

## Other Electives

### COMPUTER SERVICING TECHNOLOGY

All Year

Credit: 1

Grade Level: 11-12

**Prerequisite: Permission is required for this class.** This course teaches students, through discussions, demonstrations, and exercises, the skills and knowledge necessary to install and repair computer systems. It is a study of the computer—its hardware and software—from its earliest beginnings through present-day Pentium processor-driven machines.

### MASS MEDIA (YEARBOOK)

All Year

Credit: 1

Grade Level: 10-12

**Prerequisite: Permission of the publication teacher and completion of an application is required for enrollment.** This two semester course is designed to acquaint students with the basic principles and techniques of the print media. Skills taught may include the following: journalistic writing, lay-out design, copy setting, photography, advertising, and picture cropping and fitting. Students will participate in the publication of the SHS *Hilltop* yearbook. Students taking this course will be required to spend additional outside the regular school day and attend activities outside of school to complete photo assignments. Applications may be picked up in the counselors' office.

### A+ TUTORING

Either Semester

Credit: 1/2

Grade Level: 12

The A+ tutoring class is available to seniors involved in the A+ Program. Students may take a one semester, two-hour block if tutoring is done off campus or one hour for one semester. The course provides the opportunity to fulfill the fifty (50) hours of mentoring/tutoring required to qualify for the A+ tuition grant (which is dependent on state funding each year and applies only at state vo-tech and two year institutions). Tutors are able to work at any building including rural schools. **Students must receive tutor training.** Tutor training is offered at various times throughout the year.

# ONLINE CLASSES

## Missouri State University-West Plains

The following classes are offered to seniors who would like to take a college online class through Missouri State University-West Plains. You may spend one hour in your schedule to work on the online course. You may not take this course during school hours in order to get ahead in credits. You must enroll as a student at MSU-WP, pay the fee for the class, book costs, and any other fees that may be associated with your class. Additional time will be required outside of class to complete the course. If you are going to transfer credits, please make sure that the credits meet the requirements of that school.

### Missouri State University– West Plains

\*Courses are subject to change. Most tuition fees are \$88/credit hour  
Students must have a 3.0 accumulative grade point average to enroll

<b>Subject</b>	<b>Course #</b>	<b>Course Name</b>	<b>Credit</b>
AGR	100	Food Security	3
AGR	103	Plant Science	3
AGR	143	Introduction to Forestry	3
ART	200	Art in Context	3
CFD	155	Principles of Human Dev.	3
ENV	105	Environmental Science	4
GRY	100	World Regional Geography	3
KIN	100	Fitness for Living	3
MGT	120	Introduction to Management	3
PLS	101	American Democracy	3
PSY	121	Introductory to Psychology	3
SOC	150	Principles of Sociology	3
REL	100	Religion and Human Culture	3

For more information, please visit <https://online.wp.missouristate.edu/>