

St. James High School

Course Description

BOOK

2011 - 12

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February 2011

Dear Students and Parents:

It is time to prepare student schedules for the 2011-12 school year and to make plans for the remaining years in high school and post-high school years. In order for this process to be most beneficial for the students, we would appreciate your active involvement in working with them, their teachers, and counselors.

Several criteria must be evaluated when schedules are made. These criteria are: (1) the student's plans for post-high school, (2) courses that have been taken in the past and the level of proficiency at which these courses were successfully completed, (3) individual group test scores, (4) pre-requisites that must be met for the next course, (5) graduation requirements, and (6) a schedule that is a challenge and obtainable, when all involved utilize their skills and abilities.

The student's education must take priority in his/her plans for the future. Whether a student's plans are to go immediately into the work force, vocational training, or college, a high school education will be the foundation for the beginning of this very important phase of life.

Be very sure the courses you sign-up for are the ones that will help you the most to achieve the best high school education. We also would like to emphasize this scheduling process must be taken very seriously.

If you have questions, please see your counselor and teacher. They will do all they can to help you.

Keith McCarthy
Principal

Nikki Birkmann
Counselor, A-K

Katie Henry
Counselor, L-Z

ST. JAMES R-1 SCHOOL DISTRICT
REGULATIONS AND PROCEDURES
FOR HIGH SCHOOL GRADUATION

I. SELECTION OF COURSES:

A great amount of time and effort is devoted to the process of scheduling students and developing a master schedule. Beginning with the freshman year, students should be planning towards graduation four years down the road. While cross-overs are possible, students entering the freshman year normally will follow one of two general tracks - that of preparing for post-graduate schooling at a four year college, or that of pursuing a vocational path through technical, trade or vocational schooling leading to entrance into the work force.

Development of a four-year plan for high school will enhance the student's chance of meeting his/her educational goals. Courses should be carefully selected after conferring with parents, counselors and teachers. All efforts to meet a student's course needs will be made, however, students should reasonably expect to make some adjustments to either the next semester or year. STUDENTS SHOULD REALIZE THAT AFTER THEY HAVE CHOSEN THEIR COURSES, THEY ARE NOT EXPECTED TO DROP THEM. (Schedule changes will be in accordance with procedures outlined in the student handbook.)

II. PLAN (pre-ACT), ACT, AND SAT PREPARATION:

Students planning on continuing their educations at an institute requiring standardized test results are recommended to, as a minimum, take the following courses:

English	5 credits
Social Studies	4 credits
Math	4 credits
Science	4 credits

In the math and science areas, it is strongly recommended the student have the following:

Algebra I & II	Geometry
Biology I	Chemistry I

III. GRADUATION REQUIREMENTS:

A. GENERAL EDUCATION PROGRAM:

This is a program that meets the minimum Missouri requirements for high school graduation. This program is not recommended for preparation for college admission.

<u>Subjects</u>	Classes of 2011,12,13,14
English	5
Social Studies	4
Mathematics	4
Science	4
Fine Arts	1.5
Physical Education/	1.5
Health	.50
Practical Arts	1.5 (includes personal finance)
Electives	16
TOTAL	38 units

B. COLLEGE PREPARATORY STUDIES CERTIFICATE:

The is a program designed to challenge the student to follow a rigorous academics program in high school and complete it at a high level of achievement. Meeting minimum college entrance

requirements is important, but the college bound student is expected to reach higher, excel, and make the best of his/her college opportunity. To be eligible for the college preparatory studies certificate, the following is required:

High School Coursework:

<u>Subjects</u>	<u>Class 2011,12,13,14</u>	<u>Credits</u>
English		5
Mathematics		4
Science		4
Social Studies		4
Fine Arts		1.5
Practical Arts		1.5
Physical Education/ Health		1.5 .50
Electives		16
TOTAL		38 units

1. Complete a rigorous personal plan of study cooperatively developed by the school, the student and the student's parents. The personal plan of study should be developed around a career path or cluster and must include at least these units of credit.
2. Earns at least a 3.0 grade point average (GPA), on a 4.0 scale, in the combined subject areas of English/language arts, mathematics, science and social studies. The school may calculate GPAs for its students at the end of the seventh or eighth semester of high school.
3. Score above the prior year's national composite average mean on the American College Test (ACT) or on the Scholastic Aptitude Test (SAT). This criterion is revised annually to reflect the latest national averages from the ACT & SAT. Check the current year's certification forms for the required minimum scores.
4. Maintain a 9-12 attendance rate of at least 95 percent.
5. Complete a strong academic program, as specifically outlined in the section that follows: Dual-credit courses taken in high school for both high school and college credit may be counted toward satisfying the core curriculum requirements. Courses taken by middle/junior high school students may be counted as satisfying the high school core curriculum requirement if the content is equivalent to high school courses and if subsequent courses in the subject are shown on the high school transcript.

ST. JAMES COLLEGE PREP CERTIFICATE

<u>Subjects</u>	<u>High School Coursework</u> <u>Credits 2011,12,13,14</u>
English	5.5
Math	5
Science	5
Social Studies	4
Fine Arts	1.5
Practical Arts	1.5
Physical Education	1.5
Health	.50
Foreign Language	2
Electives	13.5
TOTAL	40 units

- A. 3 Weighted Courses
- B. 3.25 GPA

Missouri Career Prep Certificate Through East Central Missouri Career Prep Consortium

The Career Prep Certificate program is a voluntary program on the part of the school district and on the part of the individual student. It is not a high school diploma but a certificate, in addition to the high school diploma, to recognize outstanding achievement by a high school graduate in work preparedness skills. While the certificate is designed as an incentive for all students who are entering a technical career, many students who are planning on continuing into an educational post-secondary setting may wish to pursue the rigorous program that includes academic achievement, attendance, community involvement, and job readiness skills. The program encourages all students to plan and pursue excellence in their academic and technical programs.

To be eligible for the Missouri Career Prep Certificate, a student shall:

1. Complete a rigorous high school program cooperatively planned by the school, the student, and the student's parents which includes at least the following

<u>SUBJECTS</u>	<u>UNITS OF CREDIT</u>
Language Art	5
Mathematics	4
Science	4
Social Studies	5
Fine Arts	2
Practical Arts	2
P.E./Health	2
Electives	14
Total...	38

2. Cumulative grade point average (GPA) of 2.50, on a 4.0 GPA scale.
3. Have at least 30 hours of community service documented through the A+ coordinators office.
4. Maintain an overall 95% average attendance rate throughout the four years of high school.
5. Have completed 3 credit hours of technical/practical arts classes with a minimum 3.00 grade point average.
6. Meet citizenship requirements as designated with the A+ program.
7. Receive a score of 3 or better on the following WorkKeys Assessments: Reading for Information, Applied Math, and Locating Information.
8. Complete an acceptable Work Readiness Assessment on the Missouri Connections-Super's Work Values Inventory.

REQUIREMENTS AND GUIDELINES FOR THE ECC CAREER PREP CERTIFICATE

The Missouri Career Prep Certificate will be awarded to John F. Hodge High School students who successfully complete the above requirements. The certificate is awarded in addition to the regular high school diploma granted by the local school district. The Missouri Career Prep Certificate will be recognized by employers throughout Missouri.

C. TRANSFER STUDENTS

Students who transfer into the St. James School District from a

school having something other than a 10-Block Schedule will have their graduation requirements adjusted according to the type of credits being transferred. Students should contact the high school counselor's office for a determination of credits required for graduation.

All of the courses listed in this handbook will be offered, except in the case of low enrollment or lack of certified personnel to teach. If a class has reached its maximum assigned level, the student will select another course, but be given priority the next semester or year, for the course.

All education opportunities are offered without regard to race, color, national origin, sex, or handicap.

HOME SCHOOLED STUDENTS WITH AN UNOFFICIAL OR NO TRANSCRIPT ENROLLMENT PROCEDURES:

Meet with Principal to evaluate log book, grades, and portfolio. Each student will take a Placement exam. This includes; writing, reading and math assessments and where appropriate, end of course exams.

Students must take an end of course exam in each area that they received credit from home school and must pass the test with a D or higher. If the student passes this test, he/she will receive a P for that course. If they do not pass this exam, they will not receive credit and must retake this course.

There will be a meeting with the parent to go over details of credits.

Home schooled students must maintain the following records: (As stated in Missouri Statues)

1. Plan book, diary, daily log to provide record of the 1000 hours of instruction. 600 of the hours must be spent in the basics, such as reading, language arts, mathematics, social studies, and science. At least 400 of the 600 must be taught in the home location.
2. A portfolio containing samples of the students' academic work.
3. A record evaluation of the student's academic progress.

Freshman Year - English I or * Advanced English I, Comprehensive Reading

Sophomore Year- English II or *Advanced English II

Junior Year- English III or *Brit Lit/World Lit

Senior Year- Comp I/Comp II or *Comp Rhet 113/Comp Rhet 123

*The Advanced English classes are based upon teacher recommendations.

LANGUAGE ARTS

Course Title: **SPEECH I**

Grade Level: 9 - 12

Credit: 1/2 Unit

Pre-requisite: none

Speech is a semester course designed to help students learn to communicate more effectively. The course covers eight aspects of communication: the process of communication, listening, preparing a speech, delivery, explaining a process (demonstration speech), group discussion (panel discussion), interviewing (interview speech), speaking to inform (informative speech), and speaking to persuade (persuasive speech). Students will learn to recognize several different types of logical fallacies in advertising and political dialogue. Students will use such basic writing skills as outlining, paraphrasing, and research procedures as they compose their speeches. Finally, students will be encouraged to use various literary and rhetorical devices in their speeches.

Course Title: **SPEECH II**

Credit: 1 unit

Pre-requisite: Speech I (or teacher permission)

Grade Level 11-12 (freshmen & sophomores with permission)

Speech II is a year-long course designed to help students learn to communicate more effectively through exploration and performance in competitive public speaking events. This class is for juniors and seniors with special permission to sophomores who request and are approved by the teacher. Not only will students build on what they learned in Speech I, but they will also be introduced to new ways and types of public speaking by participating in competitive speech and debate events. Students must be able to properly outline, paraphrase, cite research, and read and evaluate

difficult texts as they compose their speeches for performance quality.

Course Title: **SPEECH III**
Credit: 1 Unit
Pre-requisite: Speech II
Grade Level: 11-12

Speech III is a year-long course designed to help students become excellent communicators in leadership roles. Students taking this course will participate in at least 3 competitive speech or debate tournaments. These students will also run the judges/timekeepers table at the December St. James Speech Invitational and organize the reading of the announcements. Prospective juniors and seniors must have taken Speech II; approved applications are required. As this course will be taken at the same time as Speech II, Speech III students must be able follow complex multi-step instructions, lead small groups, read and evaluate difficult texts for meaning, and evaluate essential elements of effective performance quality.

Course Title: **ENGLISH I** Grade Level: 9
Credit: 1 Unit
Pre-requisite: None

This year-long course is provided for the student who will be attending a vocational, technical, junior college, or 4-year college. Research and inquiry-based learning will be an integral part of this course. It will include exploration of American Literature to 1865 and will involve consideration of various literary devices. A variety of multi-cultural texts are read including novels, short stories, plays, poetry, and non-fiction. Students will discover how literature affects their world today and will write numerous pieces that reflect upon their own experiences. They will explore various careers through the use of a research paper, and job shadowing will be expected. Students also develop their writing skills using the modes of narration, description, exposition, and persuasion. Vocabulary, grammar, usage and mechanics are addressed throughout the year.

Course Title: **ADVANCED ENGLISH I** Grade Level: 9
Credit: 1 Unit
Pre-requisite: Middle School Advanced Language or Recommendation by English Chair

This year long course is designed for students with advanced language skills and provides an excellent introduction to advanced English studies. Research and inquiry-based learning will be an integral part of this course. Students are introduced to the expository research paper as they explore various career options; job shadowing will be expected. They will write compositions including: descriptive, narrative, expository, and persuasive written discourses. Students will explore various forms of American literature from Pre-Colonial times through 1865, including one novel. Grammar, usage, vocabulary, spelling, punctuation, and the use of citations will be an integral part of daily activities.

Course Title: **ENGLISH II** Grade Level: 10
Credit: 1 Unit
Pre-requisite: Successful completion of English I, recommendation by previous English teacher and/or consultation with English chair.

In this year-long course students learn to construct meaning from non-fiction (periodicals, newspapers, dictionaries, glossaries, and technical sources) and fiction (poetry, prose, journal entries, and other genres) selections, and to analyze both concrete and abstract elements of literature. Reading will be frequent and demanding. Students engage in activities which require research and study skills, college preparation vocabulary, writing as a process, and the development of portfolios and reading response logs. Students master the ability to transfer language skills (language mechanics, grammar, and spelling) to original writing. Frequent writing will occur with an emphasis on persuasive writing. The course emphasizes the application of problem solving strategies in real-world contexts. Students will explore three American Literature movements from 1865 to the present.

Course Title: **ADVANCED ENGLISH II** Grade Level: 10
Credit: 1 Unit
Pre-requisite: Advanced English I (highly advocated) - Recommendation by previous English teacher and/or consultation with English chair.

This year-long course is provided for the student who has demonstrated high ability in critical and analytical thinking and writing. This course is a Pre-AP (Advanced Placement) course where students learn to construct meaning from non-fiction (periodicals, newspapers, dictionaries, glossaries, and technical sources) and fiction (poetry, prose, journal entries, and other genres) selections, and to analyze both concrete and abstract elements of literature. Reading will be frequent and demanding with required independent reading. Students engage in activities which require research and study skills, college preparation vocabulary, writing as a process, and the development of portfolios and reading response logs. Students master the ability to transfer language skills (language mechanics, grammar, and spelling) to original writing. Frequent and rigorous writing assignments, including one investigative term paper will occur. The course emphasizes the application of problem solving strategies in real-world contexts. Students will explore five American Literature movements from 1865 to the present.

Course Title: **ENGLISH III** Grade Level: 11
Credit: 1 Unit
Pre-requisite: English (levels 9-10)

This year-long course builds upon the foundations learned in English II and provides for the student who will be attending a vocational, technical, junior, or four-year college. Research and inquiry-based learning will be an integral part of this course. British Literature units include: Anglo-Saxon and Medieval Periods, Renaissance literature, and Restoration Literature. A Shakespearean tragedy makes up the final literature component of the course. Grammar and usage of the English language are taught in relationship to written compositions. These will include:

descriptive, narrative, expository, and persuasive papers. Students will explore vocabulary through its foundational root forms, within a context through independent reading, as well as in career studies of personal interest. An extensive unit on career development is also taught with the emphasis on job applications, resumes, and letters to employers. Students are required to use word processing for much of the formal writing.

Course Title: **BRITISH LITERATURE** (College Prep) Grade Level: 11

Credit: ½ Unit

Prerequisite: Advanced English I, Advanced English II, recommendation by previous English teacher, and/or consultation with English chair.

Research and inquiry-based learning will be an integral part of this course. The emphasis for this semester course is advanced writing styles, critical reading and writing, and research procedures. The students will expand their critical thinking and writing skills through essay and an English (literary) Term Paper. Students will examine themes, from classical to contemporary literature (from English and World Literature).

Course Title: **WORLD LITERARY TYPES** (dual credit course) Grade Level: 11

Credit: 1/2 Unit

Pre-Requisite: British Literature I or recommendation by previous English teacher

Research and inquiry-based learning will be an integral part of this course. This semester course will focus on international authors and literary movements from ancient works to the present. Students will examine various genres and periods of literature. Students will demonstrate critical writing, reading, and thinking skills through literary analyses of several authors' works. Research procedures will be used in preparation of an in-depth project analyzing comparative literature. College credit can be earned for the completion of this course through Missouri Baptist University.

Course Title: **COMPOSITION I** Grade Level: 12

Credit: 1/2 Unit

Pre-requisite: English (levels 9-11)

This course is designed to prepare seniors for a two- or four-year college or university. Research and inquiry-based learning will be an integral part of this course. Students will be exposed to a wealth of writing forms, techniques, and skills. Students will refer to various literary selections throughout the course. Discussion, utilization of critical thinking skills, and written assignments follow selections read. Expository, narrative, descriptive, and analytical and persuasive essays will be written using correct citations of sources. Grammar and usage of the English language are taught in relationship to the written composition. Vocabulary development is stressed. Students are required to use word processing for much of the formal writing.

Course Title: **COMPOSITION II** Grade Level: 12

Credit: 1/2 Unit

Pre-requisite: English (levels 9-11)

This course is a continuation of Composition I emphasizing the writing process. Research and inquiry-based learning will be an integral part of this course. Students will refer to various literary selections followed by discussion, utilization of critical thinking skills, and written assignments of each. Argumentative, compare/contrast, cause/effect, and definition and classification essays as well as one expository or persuasive research paper will be written using correct citations of sources. Grammar and usage of the English language are taught in relationship to the written composition. Vocabulary development is stressed. Students are required to use word processing for much of the formal writing.

Course Title: **COMPOSITION & RHETORIC I** (dual credit course)

Grade Level: 12

Credit: 1/2 Unit

Pre-requisite: Advanced English I, II, Brit/World Lit (highly advocated) To receive college credit, a minimum score of 18 is required on the English portion of the ACT.

This course is a composition course that must meet the standards of English 113 from Missouri Baptist University (a college freshman composition course). Research and inquiry-based learning will be an integral part of this course. Specific emphasis will include narrative, description, expository, rhetoric, syntax, style, semantics, diction, article reading, analysis, and grammatical correctness.

Course Title: **COMPOSITION & RHETORIC II** (dual credit course)

Grade Level: 12

Credit: 1/2 Unit

Pre-requisite: Advanced English I, II, Brit/World Lit (highly advocated) To receive college credit English 113 must be taken and passed with a "C" or better

This course is a composition course that must meet the standards of English 123 from Missouri Baptist University (a college freshman composition course). Research and inquiry-based learning will be an integral part of this course. Specific emphasis includes expository essays, reading/responding to fiction, argumentative essays, with a "large" emphasis on the creation of a research project.

Course Title: **READING** Grade Level: 9-12

Credit: 1 Unit

Pre-Requisite: Reading Committee Placement based on STAR test results, MRI diagnostic results, at least three (3) grade levels below grade and a need to improve reading abilities in order to achieve success.

This course is designed to improve reading levels, skills and comprehension for students in grades 9-12. The year-long course will emphasize basic reading skills to include miscue analysis and personal goal setting, recognition and understanding of literary elements in both fiction and nonfiction, improvement in textbook reading and comprehension, group short story study, and individual reading practice.

Course Title: **Comprehensive Reading** Grade Level: 9

Credit: ½ Unit

Required or Elective: Required for graduating class of 2013 and beyond

Comprehensive Reading is a semester course designed to enhance reading abilities beyond typical reading instruction. This course will address reading from multiple academic perspectives. In addition to reading for comprehension strategies, some emphasis will be placed on nonfiction reading, to include textbooks and manuals, and other areas outside the typical educational setting.

Course Title: **SHAKESPEARE I** Grade Level: 9-12

Pre-requisite: none

Credit: ½ unit

This course will examine Shakespeare's works in their literary, historical, and artistic contexts. Research and inquiry-based learning will be an integral part of this course. We will be looking at his tragedies, comedies, and histories. This course will offer the skills students need to enjoy Shakespeare's richness and relevance. Through intensive work with only a few plays, students will learn to read text accurately and imaginatively, and to appreciate Shakespeare's dramatic dimension.

Course Title: **SHAKESPEARE II** Grade Level: 9-12

Pre-requisite: none

Credit: ½ unit

This course will examine Shakespeare's works in their literary, historical, and artistic contexts. Research and inquiry-based learning will be an integral part of this course. We will be looking at his tragedies, comedies, and histories. This course will offer the skills students need to enjoy Shakespeare's richness and relevance. Through intensive work with only a few plays, students will learn to read text accurately and imaginatively, and to appreciate Shakespeare's dramatic dimension. This course will be different from Shakespeare I in that we will study different tragedies, comedies and histories.

Course Title: **CONTEMPORARY LITERATURE I** Grade Level: 9-12

Pre-requisite: none

Credit: ½ unit

Contemporary literature is a form of modern writing that encompasses literature from all over the world and every genre. In this semester-long course students will be reading and evaluating modern (post-1960) literature. Students will compare and contrast thematic concerns of selected writers and novels and poems. Students will analyze each selected work in terms of traditional fictional elements: plot, character, setting, point of view, symbol, theme, style, and tone. Literature circles, journaling, comprehensive essays, and original poetry will assess student mastery. This course does not require any pre-requisites.

Course Title: **CONTEMPORARY LITERATURE II** Grade Level: 9-12
Pre-requisite: none
Credit: ½ unit

In this semester-long course, different contemporary novels and short stories will be studied than in Contemporary Literature I. Students will continue to compare and contrast thematic concerns of selected writers and novels/poems. Students will analyze each selected work in terms of traditional fictional elements: plot, character, setting, point of view, symbol, theme, style, and tone. Literature circles, journaling, comprehensive essays, and an original short story will assess student mastery. This course does not require any pre-requisites.

Course Title: **FOLKLORE I** Grade Level: 9-12
Pre-requisite: None
Credit: ½ Unit

This course is designed to introduce students to folklore. All people create ways to understand the world around them and communicate these understandings to others through their stories, food, art, music, rituals, and various other traditions. Students will investigate local folklore, Ozark folklore, Missouri folklore, and beyond.

Course Title: **CREATIVE WRITING I** Grade Level: 9-12
Credit: ½ Unit
Pre-requisite: None

This course is designed for students who enjoy writing and who wish to express their creativity in prose or poetry, fiction or non-fiction. In moving away from traditional expository writing, these self-motivated writers will develop their imaginative voices. Students will expand their critical thinking and writing skills through literary terms and different literary genres. They will submit at least one creative writing piece in each of the literary genres. The emphasis for this course is to encourage students in the enhancement of their writing and communication abilities. Using the 5-Step Writing Process will form the foundation for student self-criticism and growth in their writing. Students will create pieces and share them with their classmates. In addition to completing individual writing portfolios, students will contribute to an online anthology. Students will be expected to publish at least one original piece to a formal writing competition. Students will have the opportunity to prepare pieces for submission for publication, awards and scholarships.

Course Title: **CREATIVE WRITING II** Grade Level: 9-12
Credit: ½ Unit
Pre-requisite: None

This course will take students beyond the entry level of writing poetry and short fiction. Regular assignments will require students to write many different types of poetry and prose. Students will develop characters, plot, and setting. Students will create pieces and share them with their classmates through a class online blog. Using the 5-Step Writing Process will form the foundation for student self-criticism and growth in their

writing. All assignments will be graded and placed in a portfolio, from which students will choose their best work to submit at the end of the semester. The final project by the student should showcase both creative writing and desktop publishing skills. All students will be required to submit pieces to a publishing outlet, literary magazine or writing contest for publication.

Course Title: **SHORT STORIES I** Grade Level: 9-12
Credit: ½ Unit
Pre-requisite: None

This course is designed to allow students the opportunity to study literature through Short Stories. Students will study the impact of short story writing throughout various time periods.

Course Title: **SHORT STORIES II** Grade Level: 9-12
Credit: ½ Unit
Pre-requisite: None

This course is a continuation of the study of literature through Short Stories. Stories and time periods will vary from Short Stories I so students have the opportunity to take the courses out of sequence.

Course Title: **COLLEGE PREP NOVEL I** Grade Level: 12
Credit: ½ Unit
Pre-requisite: None

This course is a reading class to enhance background in major time periods, to include Romanticism, Realism, Naturalism, and Modernism. Students will read classic novels from these time periods and complete in-depth assignments/paper for each novel.

FOREIGN LANGUAGE

Course Title: **FRENCH 1** Grade Level: 9-12
Credit: 1 Unit
Pre-requisite: ``C'' Average or recommendation from English teacher

French I is a year-long course designed to develop the basic vocabulary and language skills needed to communicate effectively, both orally and in writing, using the French language. The first year of French will be the basis for the future mastery of the language and will enable students to communicate on a basic level in the French language and to become familiar with French cultures and geography.

Course Title: **FRENCH II** Grade Level: 10-12
Credit: 1 Unit
Pre-requisite: French I,

French II is a continuation of the skills learned in French I. Students will increase their French vocabulary, thus being able to carry on more difficult conversations. New grammar to be learned including irregular verbs and additional verb tenses. Students will increase reading and comprehension ability by reading short plays and stories. Students are expected to do one cultural research project dealing with a French nation.

Course Title: **SPANISH I** Grade Level: 9-12
Credit: 1 Unit
Pre-requisite: ``C'' Average or recommendation from English teacher

Spanish I is designed to develop the basic vocabulary skills and language skills needed to communicate effectively, both orally and in writing, using the Spanish language. The first year of Spanish will be the basis for the future mastery of the language and will enable students to communicate on a basic level in the Spanish language and to become familiar with Spanish cultures and geography.

Course Title: **SPANISH II** Grade Level: 10-12
Credit: 1 Unit
Pre-requisite: Successful completion of Spanish I or its equivalent
Required or Elective: Elective

Spanish II is a continuation of Spanish I. Spanish II is designed to enhance the foundational study of the Spanish language and will emphasize grammar, vocabulary, writing, and translating. It will also include a study of the cultures of Hispanic countries.

Course Title: **SPANISH III** Grade Level: 11-12
Credit: 1 Unit
Pre-requisite: Successful completion of Spanish II or its equivalent
Required or Elective: Elective

Spanish III is a continuation of Spanish II with emphasis on conversations,

translations, into and from English and Spanish, and oral as well as written reports through individual or group projects.

Course Title: **SPANISH IV**

Grade Level: 12

Credit: 1 Unit

Pre-requisite: Successful completion of Spanish III or its equivalent

Required or Elective: Elective

Spanish IV is a continuation of Spanish III with a significant emphasis on conversations and translations, into and from English to Spanish. There will also be an emphasis on Latin American and Spanish culture and traditions. This includes study, research, written reports, and oral presentations through individual or group projects

Freshman Year - American History
Sophomore Year - World Geography
Junior Year - Government
Senior Year - World History, History 205 or 206

SOCIAL STUDIES

Course Title: **AMERICAN HISTORY** Grade Level: 9
 Credit: 1 Unit
 Required or Elective: **REQUIRED FOR ALL FRESHMEN** (unless they have History 205/206 on their 4 year plan)

This course is a year long-study of the chronological development of the United States (1870's to present). The course will cover geographical location, literature and art of the various periods, how history relates to students in their every day lives and how they can affect future events. Will take End of Course exam that does affect their grade.

Course Title: **WORLD GEOGRAPHY** Grade Level: 10
 Credit: 1 Unit
 Required or Elective: **REQUIRED FOR ALL SOPHOMORES**

World Geography is a year long study of the earth's physical environment and the cultural characteristics of regions. The course follows the five themes of geography as a tool for basic understanding of the world outside of North America. These five themes are: Location, Place, Human-Environment, Interaction, Movement, and Regions.

Course Title: **GOVERNMENT** Grade Level: 11
 Credit: 1 Unit
 Required or Elective: **REQUIRED FOR ALL JUNIORS**

Government is a year long course implementing a full instructional program on the structure and functioning of federal, state, and local governments. At the same time, it calls attention to the basic values on which our political, economic, and legal systems are based and the principals that give direction to the ways in which those systems work. Students must pass

both the Missouri and United States Constitution tests in order to graduate. Both tests will be administered in this class. Will take End of Course exam that does affect their grade.

Course Title: **CIVIL WAR** Grade Level: 10 - 12
Credit: 1/2 Unit
Required or Elective: Elective

A discussion/lecture course concerning the dispute between the northern states and the southern states in the United States which led to the Civil War in 1861-1865. This course begins with the Missouri Compromise (1820) and ends with the assassination of Lincoln (1865).

Course Title: **CIVIL WAR MO** Grade Level: 10-12
Credit: ½ Unit
Pre-requisite: None
Required/Elective: Elective

Civil War MO is a course that will discuss and present in detail the Civil War in the State of Missouri, beginning with the border conflicts till the end of the war and the consequences of its "southern" citizens.

Course Title: **CONTEMPORARY ISSUES** Grade Level: 9 - 12
Credit: 1/2 Unit
Required or Elective: Elective

Contemporary Issues is a course that studies modern day events and their relationships to past historical happenings. An in-depth study of international relations will be examined by studying current events and applying these to cause and effect occurrences. The student will be expected to analyze the political, social, and economical causes and effects of particular historical events such as the Civil Rights Movement, the Watergate Affair, and use of nuclear weapons, etc. The course will deal with the interrelationships between past and present events. The use of various mass media tools, historical textbooks, periodicals, and major motion pictures will be used as resource guides. Learning activities will include oral presentations, field trips, guest speakers, the use of video tapes, and cooperative learning activities.

Course Title: **HISTORY 205**
Grade Level: 12
Credit: 1/2 Unit (3 hours college credit)
Pre-requisite: 3.0 grade point average
Required or Elective: Elective

History 205 is a college course that surveys political, economic, and social development of the United States to 1877, including the development of the Missouri and U.S. Constitutions. An in-depth study of international relation will be examined by studying this time period and applying these to modern cause and effect occurrences. Critical thinking, analytical reasoning, and strenuous research will be required. The purpose of the

course will be to broaden the student's background of world events beyond the scope of an introductory course and to prepare students for the rigor of college. Upon successfully completing this course, the student will receive a high school weighted course credit as well as three hours of college credit.

Course Title: **HISTORY 206** Grade Level: 12
Credit: 1/2 Unit (3 hours college credit)
Pre-requisite: 3.0 grade point average
Required or Elective: Elective

History 206 is a college course that surveys political, economic, and social development of the United States from 1877 to the present. An in-depth study of international relations will be examined by studying this time period and applying these to modern cause and effect occurrences. Critical thinking, analytical reasoning, and strenuous research will be required. The purpose the course will be to broaden the student's background of world events beyond the scope of an introductory course and to prepare students for the rigor of college. Upon successfully completing this course, the student will receive a high school weighted course credit, as well as three hours of college credit.

Course Title: **WORLD HISTORY** Grade Level: 10-12
Credit: 1 Unit
Pre-requisite: American History or World Geography
Required or Elective: Elective

This course examines civilization from 1450 to the present with an emphasis on European history. Topics covered include the Renaissance, colonization, the industrial revolution, the world wars, and the Cold War. The interrelationship between past and present cultures and civilizations will be studied. Students will be asked to analyze the interdependence of the social, political, and economic systems between the different cultures.

Course Title: **PSYCHOLOGY** Grade Level: 11-12
Credit: 1 Unit
Pre-requisite: none
Required or Elective: Elective

This course examines human behavior and thought processes. Among the topics that will be covered are research methods, social psychology, how our brain and nervous system affects our behavior, sensation and perception, learning and memory, development across the lifespan, and personality and psychological disorders. Students will apply their study of psychology to their lives and will examine how the various perspectives, within this discipline, interpret the topics discussed.

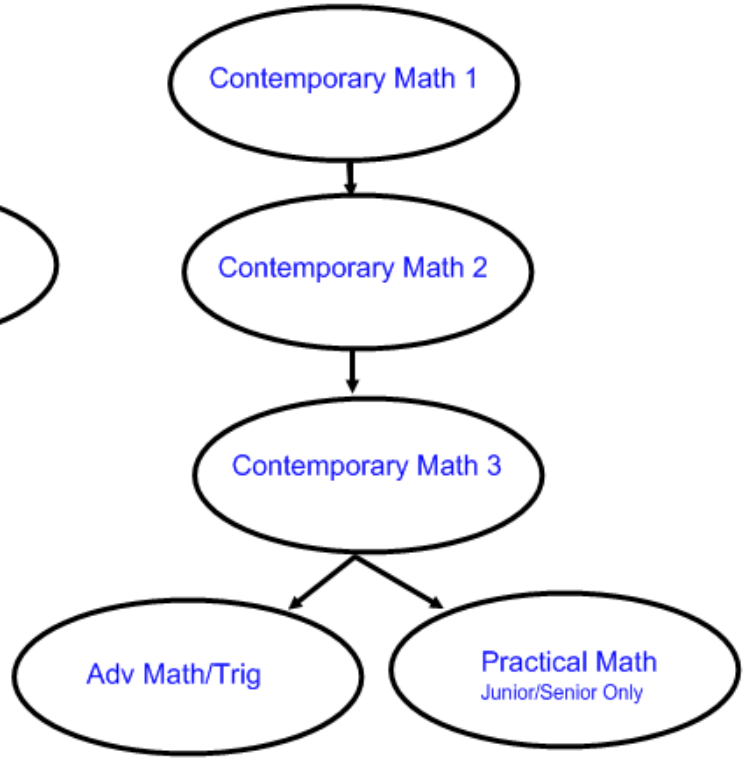
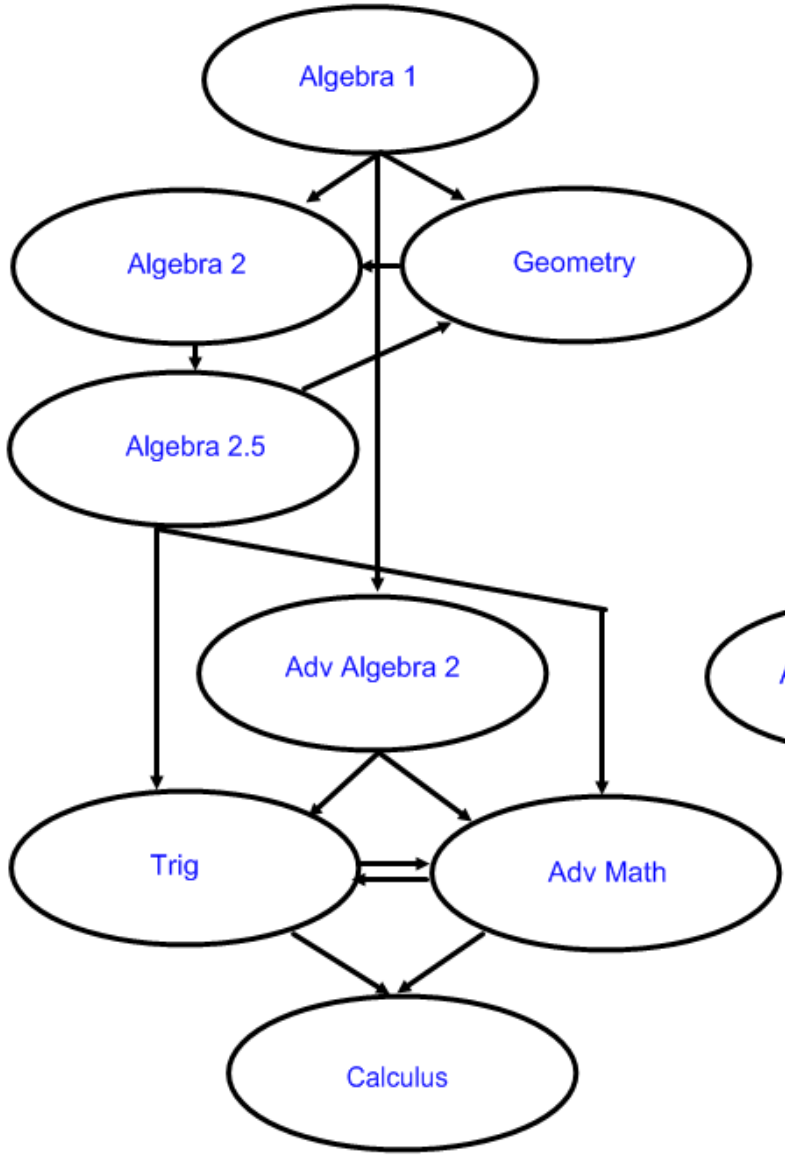
Course Title: **WORLD WAR II PART I** Grade Level: 11-12
Credit: 1/2 Unit
Pre-requisite: None
Required or Elective: Elective

This year-long course will cover World War II with emphasis on the European

Pre-requisite: None

Required or Elective: Elective

This course will focus on the lesser-known events of US history set against the background of each decade of the last century. It will look at people, events, and items that influenced US history and culture and captured the nation's attention. Topics will include athletes, entertainment, crimes, disasters, inventions, and technology.



and an introduction to exponential and logarithmic functions, sequences and series, probability and statistics, and trigonometry. Will take End of Course exam that does affect their grade.

Course Title: **ADVANCED MATH** (Math 133) Grade Level: 10 - 12
Credit: 1 Unit
Pre-requisite: "B" or better in Algebra 2.5 or Advanced Algebra II

Advanced Math is comparable to the material covered in a college algebra class. Objectives include radicals, polynomials, factoring, linear equations, quadratic equations, complex numbers, linear inequalities, functions and graphs, polynomial functions, real zeros, conic sections, exponential and logarithmic functions. Graphing calculators are used to investigate properties of lines, inequalities, and conics. This may be taken for college credit.

Course Title: **GEOMETRY** Grade Level: 9 - 10
Credit: 1 Unit
Pre-requisite: Algebra I/Contemporary Math
Required or Elective: Elective

Geometry must be taken before Algebra II or concurrent with Algebra II. Geometry is the study of size, shape, position, and other properties of the shapes in objects around us. It is a mathematical system in which a few basic statements or ideas are agreed to and then used to discover results by logical thinking. This includes an introduction to formal proof through deductive and inductive reasoning. Concepts of space geometry are integrated with plane geometry. Algebraic skills are reviewed through applications in solving problems in geometry. Will take End of Course exam that will count as their final in May.

Course Title: **PRACTICAL MATH** Grade Level: 11-12
Credit: 1 Unit
Pre-requisite: Passing grades from Contemporary Math 1 & 2 or Algebra 1 and Geometry. Students must also have a teacher recommendation
Required or Elective: Elective

This is a course that uses the concepts from Algebra and Geometry and applies them to real world settings. Work will be done daily during class. Calculators and computers will be used extensively. Examples of assignments are things ranging from scale drawings of a house to filling out a work schedule. Students will be required to work with other students at times so interpersonal skills will also be applied. Math ability, communication skills and workplace decorum will be instilled in the students.

Course Title: **TRIGONOMETRY** (Math 143) Grade Level: 10 - 12
Credit: 1 Unit
Pre-requisite: "B" or better in Algebra 2.5, Geometry or Adv Algebra II

This course is a study of the basic functions of angles and of the trigonometric identities. Students will learn how to solve for missing sides or angles of right triangles. Determining radian measure of an angle, arc length and circular functions are included. A study of the Law of Sines and

the Law of Cosines and word problems about real career situations will be emphasized. Matrices and determinants, series and sequences, and probability will be included in this course. This may be taken for college credit.

Course Title: **CALCULUS** (Math 123) Grade Level: 11 - 12
Credit: 1 unit
Pre-requisite: ``B'' or better both semesters of Trigonometry and ``B'' or better both semesters of Advanced Math
Required or Elective: Elective

This course will cover limits, differentiation and integration of basic algebraic and trigonometric functions and their applications. The course introduces the student to the study of Calculus, starting with limits and continuity, proceeding to the definition of derivatives and integrals of functions and ending with their application. This will form the basis for the entire study of Calculus. This may be taken for college credit.

Course Title: **CONTEMPORARY MATH I** Grade Level: 9
Credit: 1 Unit
Pre-requisite: None
Required or Elective: Elective

Contemporary Math I will provide students with a significant common core of broadly useful mathematics for all students, needed for higher mathematics. Through investigations of real-life contexts, students develop a rich understanding of important mathematics that makes sense to them and which, in turn, enables them to make sense out of new situations and problems. Topics include: patterns of change, patterns in data, linear functions, exponential functions, quadratic functions, patterns in chance, and patterns in shape. The students will take the Algebra End of Course exam and it will also affect their grade.

Course Title: **CONTEMPORARY MATH II** Grade Level: 10
Credit: 1 Unit
Pre-requisite: Contemporary Math I
Required or Elective: Elective

Contemporary Math II continues the mathematical concepts from Contemporary Math I. As like Contemporary Math I, students work through investigations of real-life contexts to develop mathematical concepts that enable them to make sense out of new situations and problems. Topics include: functions, equations, matrices and operations on matrices, geometry on the coordinate plane, nonlinear functions, trigonometric methods, and probability distributions. Students may have to take an End of Course exam which may affect their grade.

Course Title: **CONTEMPORARY MATH III** Grade level: 11
Credit: 1 Unit
Pre-requisite: Contemporary Math II
Required or Elective: Elective

Contemporary math III continues the mathematical concepts from course II. Students work through investigations of real-life contexts to develop

mathematical concepts and enhance those concepts already covered. Topics include reasoning and proof, inequalities and linear programming, triangle similarities and congruence, polynomials and rational functions and properties of circles.

Freshman Year - Biology
Sophomore Year - Physical Science, Earth & Space, Environmental
Junior Year - Chemistry I, Anatomy/Physiology, Practical Science,
Senior Year - Biology II, Chemistry II, Physics

SCIENCE

Course Title: **PHYSICAL SCIENCE** Grade Level: 10
 Credit: 1 Unit
 Pre-requisite: None (Enrollment in Algebra I is recommended)
 Required or Elective: Required

This sophomore level class is an introduction into physics. Problems and experiments will guide students to a fundamental grasp of work, forces and motion and explore ways in which these principles are applied. This course also applies these concepts to atoms and serves as an introduction to chemistry.

Course Title: **BIOLOGY I** Grade Level: 9
 Credit: 1 Unit
 Pre-requisite:
 Required or Elective: Required

It begins with labs involving biological molecules and progresses into cells. The cell cycle, photosynthesis and respiration are studied in the first semester. How proteins are built from the information encoded in DNA leads to understanding patterns of inheritance. The course concludes with an examination of interdependent relationships between populations of organisms.

Course Title: **ENVIRONMENTAL SCIENCE**
 Grade Level: 10 - 12
 Credit: 1 Unit
 Pre-requisite: Physical Science and Biology

This elective is for sophomores through seniors and studies the impact of people on the world. Principles of ecology are applied to real world situations so that students gain an appreciation of issues surrounding efforts to preserve biological diversity, as well as, improving human conditions.

Course Title: **PRACTICAL SCIENCE**
 Grade Level: 10 - 12
 Credit: 1/2 unit

Prerequisite:

The purpose of this elective semester course is to teach students the process of scientific experimentation. Principle of experimental design, measurement technologies and interpreting data are emphasized. The course concludes with the production of a viable science fair experiment.

Course Title: **EARTH & SPACE**

Grade Level: 10 - 12

Credit: 1 unit

Pre-requisite: Biology and Physical Science

The first semester of this course examines the rocks and minerals of our world and includes study regarding the impact of using these resources. The forces that continually reshape the surface of the earth are explored, as well as, earth's geologic history. The second semester is devoted to learning our current conceptions of the universe and how space technology has been transforming our lives.

Course Title: **BIOLOGY II** Grade Level: 11 - 12

Credit: 1 Unit

Pre-requisite: Physical Science and Biology required, recommended
Chemistry I

Required or Elective: Elective

This is an upper level course that uses the first semester to introduce concepts and lab techniques of microbiology. Students learn to culture and identify bacteria. The second semester allows students to explore concepts and techniques of modern genetics including electrophoresis and cloning.

Course Title: **ANATOMY/PHYSIOLOGY I**

Grade Level: 11 - 12 (10 with instructor approval)

Credit: 1 Unit

Pre-requisite: General Biology or approval of teacher, counselor, principal

This purpose of this course is to give sophomores through seniors an introduction to human anatomy and physiology. The study of human organ systems includes a variety of dissection labs, projects and a medical school field trip.

Course Title: **ANATOMY/PHYSIOLOGY II** Grade Level: 11-12

Credit: 1 Unit

Pre-requisite: Anatomy Physiology

This course is intended for seniors planning to pursue a science or health care related education. The subject matter will include studying anatomy in much greater detail. Students will name bones of the hands and feet, major nerves, arteries and veins, and many more skeletal muscles. Lab work will receive more emphasis and include dissections and histological slides to understand fine anatomy and recognize various pathologies.

Course Title: **CHEMISTRY I** Grade Level: 11 - 12
Credit: 1 Unit
Pre-requisite: Physical Science and Biology, and Algebra I level
Strongly recommended if college bound and wanting to get the College or St. James Prep Certificate.

Students learn to attribute the physical and chemical properties of substances to their atomic configurations. Naming compounds and conducting labs involving basic types of reactions are regularly featured. Reaction limits and equilibrium are calculated.

Course Title: **CHEMISTRY II** Grade Level: 12
Credit: 1 Unit
Pre-requisite: Biology, Physical Science, Algebra I and Chemistry I

This upper level course is a continuation of Chemistry 1. The compounds, labs and reactions are more complex than those of year one. Lab techniques, technologies and principles of organic chemistry are taught.

Course Title: **PHYSICS/PHYSICS LAB**
Grade Level: 12 (11th grade with instructors approval)
Credit: 1 Unit each (Must be taken with 114 A1)
Pre-requisite: Trigonometry

This is a senior level course designed for students who anticipate enrolling in a science major when they attend college. Problems involving force and motion will be modeled mathematically and demonstrated through lab exercises.

Course Title: **REACTIONS** Grade Level: 11-12
Credit: 1 Unit
Pre-requisite: None

This course is designed for students who do not plan on taking chemistry in college. Students will participate in many lab activities that will provide opportunities to practice measuring, work cooperatively and create explanations of chemistry concepts. The topics covered will include; batteries, rockets, acids and bases, combustion, enzymes and dyes.

FINE ARTS

Course Title: **ART I** Grade Level: 9 - 12
Credit: 1 Unit
Required or Elective: Elective

Art I is a year long course designed to give students who have no high school art experience an introduction to basics in art at the high school level. Students will be introduced to beginning drawing and painting techniques and materials. Students will learn art terms and see various examples of artists work during the production time of each lesson introduced. This course is required before progressing to the more advanced course offerings.

Course Title: **ARTS & CRAFTS** (1st & 2nd semester) Grade Level: 9-12
Credit: ½ unit
Pre-requisite: none

Arts & Crafts is a semester course. In this course students will learn the design and construction techniques behind the making of craft objects using a variety of materials such as: paper, plaster, fibers, plastic, etc. Students will learn art terms and see various examples of artists work during the production time of each lesson introduced.

Course Title: **DESIGN CONCEPTS I & II** (1st & 2nd semester)
Grade Level: 9-12
Credit: ½ Unit
Pre-requisite: none
Required or Elective: Elective

Design Concepts is a semester course. In this course students will work with the elements and the principals to construct projects and compositions. Students will learn art terms and see various examples of artists work during the production time of each lesson introduced. Students will be exposed to different techniques and careers in the design field.

Course Title: **DRAWING I & II** (1st & 2nd semester)
Grade Level: 10 - 12
Credit: 1 Unit
Pre-requisite: Art I or Arts & Crafts

Drawing I & II is a yearlong course. The focus of this course is developing drawing skills, experimenting with different drawing technique, and understanding how to describe form in a drawing using a system of values. Students will be introduced to a variety of art media that include: pen & ink, charcoal, pastel, watercolor, and wax based pencil. Students will learn art vocabulary and see various examples of artists work during the production time of each lesson introduced. Students must take Drawing I before they can enter Drawing II.

Course Title: **ADVANCED DRAWING** Grade Level: 10-12
Credit: 1 Unit
Pre-requisite: Art I and Drawing

Advanced Drawing and Painting is a yearlong course. This course is designed for those students who have taken an introductory art course and a drawing course and would like to learn how to further develop their drawing and painting skills. Students will be working with color in wax based pencil, watercolor, and pastel, developing large format compositions. Students will also learn how to stretch canvas and paint using acrylic and oil.

Course Title: **CERAMICS I & II** (1st & 2nd semester)
Grade Level: 10 - 12
Credit: 1 Unit
Pre-requisite: Art I or Arts & Crafts

Ceramics I & II is a yearlong course. Students will be introduced to basic hand building problems in clay using coil and slab processes. Students will also learn about kiln firing and glazing techniques. All students will have an introductory experience with throwing pottery on the wheel. Students will also learn ceramics terms and see various examples of ceramic art.

Course Title: **ADVANCED CERAMICS** Grade Level: 11-12
Credit: 1 Unit
Pre-requisite: Art I, Ceramics I & II, Drawing I & II

Advanced Ceramics is a yearlong course designed for those students who have taken a pottery course and two intermediate art courses. This course offering is for students who are interested in complex hand building techniques using molds and advanced throwing techniques on the pottery wheel. Experimenting with slip and alternative glazing techniques will also be introduced.

Course Title: **SCULPTURE** Grade Level: 10-12
Credit: 1 Unit
Pre-requisite: Art I or Arts & Crafts

Sculpture is a yearlong course. In this course students will learn a variety of construction techniques using alternative sculpture materials that include: foam core, plaster wrap, plastics, papier mache, and polymer clay. The focus of this course is translating facial features, the human or animal figure, and various objects into three dimensional forms. Students will be required to sketch and make written plans or observations of their projects.

Course Title: **GRAPHICS & PRINTMAKING** Grade Level: 10-12
Credit: 1 Unit
Pre-requisite: Art I or Arts & Crafts

Graphics and printmaking focuses on line design and manipulation of shape and space using printmaking techniques, ink pen, markers, watercolor and pencil. Students will develop imagery for complex symmetrical compositions during the first semester and create prints for a book binding project during the second semester. A student may take only one semester if they choose.

Course Title: **THEATRE ARTS I** Grade Level: 9 - 12
Credit: ½ unit
Pre-requisite: None

This course is devoted to developing the student's appreciation and understanding of drama. The student develops inner resources, learns self-expression, discipline, and control through various activities. Acting skills are emphasized by using body movement, voice, improvisation, and characterization. Memorized performances will be required. The fundamentals of technical theatre are introduced. The student is exposed to all aspects of theatre, including reading plays and will discover how each element contributes to a finished production.

Course Title: **THEATRE ARTS II** Grade Level: 9-12
Credit: ½ unit
Pre-requisite: Theatre Arts I

This course is designed to continue the student's appreciation and knowledge of drama through classroom activities that improve the skills of characterization. Memorized performances will be required. Students are introduced to techniques of reader's theatre. A reader's theatre performance will culminate the activity. Students will go further into the individual areas of theatre, including the history of acting, directing, and designing. Students will look at and have an understanding for script analysis thru reading multiple plays.

USIC

Course Title: **MARCHING BAND**

Grade Level: 9 - 12

Credit: 1/2 Unit

Pre-requisite: Middle School Band/Good standing with the director/MSHSAA eligibility

This ensemble will perform music at the grade 3 and 4 level from various time periods and in various styles. It incorporates music and movement to portray an artistic and theatrical representation of the marching show concept. This ensemble rehearses at 7:00 a.m. every day and continues through the first block of the day on its scheduled hour. The marching band will perform at home football games as well as three to four competitions and various hometown and area parades. This group follows all state high school rules and regulations and students must be eligible for extra curricular activities.

Course Title: **JAZZ STUDIES**

Grade Level: 9 - 12

Credit: 1/2 Unit

Pre-requisite: Students must tryout/ MSHSAA eligibility

This ensemble performs music at the grade 2-5 level from the various jazz and pep band styles. Students must tryout to be in jazz studies, but enrollment is open to the entire school. In the spring the jazz class will compete in two to three jazz festivals. This group follows all state high school rules and regulations and students must be eligible for extra curricular activities.

Course Title: **CONCERT BAND**

Grade Level: 9-12

Credit: ½ Unit

Pre-requisite: Middle School band/or waiver from band director/MSHSAA eligibility

This ensemble will utilize a standard instrumentation for concert band. Students must try out to be in this ensemble. The band will perform grade 2-4 music from various styles and time periods. The band participates in the District and State Music Festivals in March and April as well as performing public concerts and recruiting concerts. To be eligible for this ensemble students must try out and be eligible for extra curricular activities. This group follows all state high school rules and regulations.

Course Title: **CHAMBER CHOIR**

Grade Level: 9 - 12

Credit: 1 Unit

Pre-requisite: Audition and enrollment in Concert Choir through sophomore year. Case by case after sophomore year. MSHSAA eligibility

This elite ensemble, 16-24 voices, is auditioned the spring semester before, and requires a year of commitment; high discipline and attention to musical detail will be expected at every rehearsal. The choir will perform numerous times throughout the year for concerts, public engagements, and state contest. Uniforms, consisting of tuxedos and dresses, will be provided; however, the student will need to purchase a choir t-shirt and

pay for uniform dry-cleaning (totaling approximately \$25).

Course Title: **CONCERT CHOIR** Grade Level: 9 - 12
Credit: 1 Unit
Pre-requisite: Audition or instructor's permission

A general choir course that is open to all students who audition. This ensemble of no more than 50 singers will perform at the local concerts and participate in state contest. The repertoire presented will encompass the full gamut of style periods and languages: Baroque, Classical, Romantic, Modern, Madrigal, Spanish, French, Italian, Latin, and English. Uniforms, consisting of robes, will be provided; however the student will need to purchase a choir t-shirt and pay for uniform dry-cleaning (totaling approximately \$25).

Course Title: **CONCERT PERCUSSION** Grade Level: 9-12
Credit: ½ unit
Pre-requisite: Marching Band/ MSHSAA eligibility

All percussion students will take this class parallel to the Spring Concert Band. They will learn all the concert band music and perform at all spring band events. This class will also prepare solos and ensembles on all percussion instruments and participate in at least one solo and one ensemble at District level.

PRACTICAL ARTS

BUSINESS

Course Title: **ACCOUNTING I** Grade Level: 9 - 12
Credit: 1 unit
Pre-requisite: none
Required or Elective: Elective

The student will be introduced on the principles of accounting for a small business and for personal accounting practices. Studies include the accounting equation, the classification of assets, liabilities, and owners equity, and checking account procedures.

Course Title: **BUSINESS TECHNOLOGY I** Grade Level: 10 - 12
Credit: 1 Unit
Pre-requisite: none
Required or Elective: Elective

The student will study careers, participate in mock job interviews, complete problem solving simulations, create and promote a small business, and balance a small budget. This is a business course that will prepare students for the work force or continued education in the area of business. Students enrolled in this course have the opportunity to be involved in our student/work program.

Course Title: **DIGITOLS** Grade Level: 9
Credit: ½ Unit
Required or Elective: Required

This course is a beginning study in technology using word processing, spreadsheet and presentation software. A short introduction to voice recognition and handwriting recognition software is also included.

Course Title: **ADVANCED DIGITOLS** Grade Level: 9-12
Credit: ½ Unit
Required or Elective: Elective

This course is a continuing study in technology using desktop publishing, multimedia production and Web design software. Projects include making a personal movie, magazine cover, and personal web page.

Course Title: **PERSONAL FINANCE** Grade Level: 11 - 12
Credit: 1/2 Unit
Required or Elective: Required

Personal Finance offers a practical study of problems and solutions facing the consumer in today's society. Areas that are covered include budgeting, banking, credit, investing and insurance. The choice of housing, large item purchasing (such as automobiles) and career choices are also reviewed.

Course Title: **E-Business** Grade Level: 10-12
Credit: 1/2 unit
Pre-requisite: none
Required or Elective: Elective

The student will study all aspects of business pertaining to e-commerce or doing business on the Internet. Students will learn marketing, distribution, pricing, selling, financing, and management for an electronic business.

Course Title: **DIGITAL COMMUNICATIONS** Grade Level: 10 - 12
Credit: 1 Unit
Pre-requisite: ``C`` or above in English I
Required or Elective: Elective

The student will create a yearbook through the use of our technological resources, such as the internet and the use of digital photography. **This course will require out of school time.**

Course Title: **BUSINESS LAW** Grade Level: 10-12
Credit: ½ Unit
Required or Elective: Elective

Students will learn how to assimilate many new rules and principles as well as learn a new legal ``language``. They will learn to relate the law to their current lives and observe the law's implications to their futures. Students will begin to recognize the rights and duties of all parties in a legal situation.

Course Title: **TECH APPRENTICE I** Grade Level: 9-12
Credit: 1 Unit
Pre-requisite: None
Required/Elective: Elective

This two-year program provides hands-on activities to the students with a strong interest in the technical field, particularly computer troubleshooting and repair, software support, and network administration and web page design. Students develop a network of support for the entire school district via a help desk where work orders are e-mailed, processed and transferred to computer tech aids for resolution. In addition to the help desk responsibilities, students will develop competencies in advanced networking skills and acquire A Plus Certification if interested.

Course Title: **TECH APPRENTICE II** Grade Level: 9-12
Credit: 1 Unit
Pre-requisite: Tech Apprentice I
Required/Elective: Elective

This two-year program provides hands-on activities to the students with a

strong interest in the technical field, particularly computer troubleshooting and repair, software support, and network administration and web page design. Students develop a network of support for the entire school district via a help desk where work orders are e-mailed, processed and transferred to computer tech aids for resolution. In addition to the help desk responsibilities, students will develop competencies in advanced networking skills and acquire A Plus Certification if interested.

Course Title: **TECH APPRENTICE III** Grade Level: 9-12
Credit: 1 Unit
Pre-requisite: Tech Apprentice I
Required/Elective: Elective

This two-year program provides hands-on activities to the students with a strong interest in the technical field, particularly computer troubleshooting and repair, software support, and network administration and web page design. Students develop a network of support for the entire school district via a help desk where work orders are e-mailed, processed and transferred to computer tech aids for resolution. In addition to the help desk responsibilities, students will develop competencies in advanced networking skills and acquire A Plus Certification if interested.

Course Title: **TECH APPRENTICE IV** Grade Level: 9-12
Credit: 1 Unit
Pre-requisite: Tech Apprentice I
Required/Elective: Elective

This two-year program provides hands-on activities to the students with a strong interest in the technical field, particularly computer troubleshooting and repair, software support, and network administration and web page design. Students develop a network of support for the entire school district via a help desk where work orders are e-mailed, processed and transferred to computer tech aids for resolution. In addition to the help desk responsibilities, students will develop competencies in advanced networking skills and acquire A Plus Certification if interested.

Course Title: **CAREER EXPLORATION PROGRAM (CEP)** Grade Level: 12
Credit: 1 Unit
Pre-requisite: Business Technology I
Required or Elective: Elective

The student will participate in a work study program for part-time employment. This is a cooperative effort between the participating school and the employer with the primary purpose of preparing students for future employment. The student's performance is evaluated by the employer and coordinator of the program.

Course Title: **BUSINESS MANAGEMENT & LEADERSHIP** Grade Level: 9 - 12

AGRICULTURE EDUCATION

Course Title: **AGRICULTURAL SCIENCE I** Grade Level: 9
Credit: 1 Unit

A course designed for instruction in animal science, agricultural mechanics, careers, leadership, and supervised agricultural experience. Units may include agribusiness, fish & wildlife management, and food science.

Course Title: **AGRICULTURAL SCIENCE II** Grade Level: 10
Credit: 1 Unit
Pre-requisite: Agricultural Science I

A course designed for instruction in plant and crop science, soils, entomology, horticulture, and/or forestry, and additional instruction in agricultures mechanics, careers, leadership, and supervised agricultural experience.

Course Title: **ADVANCED LIVESTOCK** Grade Level: 11-12
Credit: 1 Unit
Pre-requisite: Ag Science I & II or Intro to Ag Mechanics

Advanced study in animal production, management, marketing, nutrition, breeding, production records, selection, animal health, waste management, and biotechnology may be included in this course.

Course Title: **AGRICULTURAL POWER I** Grade Level: 11-12
Credit: ½ Unit
Pre-requisite: Intro to Ag Mechanics

This course develops skills in the maintenance, repair, adjustment, and overhaul of small engines.

Course Title: **AGRICULTURAL POWER II** Grade Level: 11-12
Credit: ½ unit
Pre-requisite: Agricultural Power I

This is a study of the basic principles of power transmissions, hydraulic systems, and tractor engines. Tractor operation, safety practices, and maintenance will receive major emphasis. Tractor overhaul will be included where feasible.

Course Title: **INTRO TO AG MECHANICS** Grade Level: 10-11
Credit: 1 Unit
Pre-requisite: Ag Science I

This course provides safety instruction on all shop equipment, training in Arc welding, oxy-acetylene welding and Mig welding. This course prepares students for project planning and construction as well as basic tool

fitting and maintenance.

Course Title: **AGRICULTURAL MECHANICS** Grade Level: 11-12
Credit: 1 Unit
Pre-requisite: Intro to Ag Mechanics

This course includes selection, operation, adjustment, maintenance and repair of machinery commonly used on the farm.

Course Title: **AGRICULTURAL STRUCTURES** Grade Level: 10 - 12
Credit: 1 Unit
Pre-requisite: Intro to Agricultural Mechanics

This course includes electrical wiring, electric motors, concrete masonry, plumbing and sewage disposal, farm fences, product handling and processing equipment, and farm buildings.

Course Title: **AGRICULTURAL CONSTRUCTION I** Grade Level: 11 - 12
Credit: 1 Unit
Pre-requisite: Intro to Ag Mechanics

This course utilizes welding in the development and construction of major metal and wood shop projects.

Course Title: **AGRICULTURAL CONSTRUCTION II** Grade Level: 11 - 12
Credit: 1 Unit
Pre-requisite: Intro to Ag Mechanics & Ag Construction I

This course utilizes welding in the development and construction of major metal and wood shop projects.

Course Title: **AGRICULTURAL CONSTRUCTION III** Grade Level: 11 - 12
Credit: 1 Unit
Pre-requisite: Intro to Ag Mechanics & Ag Construction I

This course utilizes welding in the development and construction of major metal and wood shop projects.

Course Title: **AGRICULTURAL CONSTRUCTION IV** Grade Level: 11 - 12
Credit: 1 Unit
Pre-requisite: Intro to Ag Mechanics & Ag Construction I

This course utilizes welding in the development and construction of major metal and wood shop projects.

Course Title: **FLORICULTURE** Grade Level: 11-12
Credit: 1 Unit
Pre-requisite: Agricultural Science I & II

This course includes the production, arrangement and retailing of flowers. Included should be fresh, silk, or dried flowers from which corsages, wedding bouquets, table flower arrangements, and seasonal holiday decorations will be made.

Course Title: **GREENHOUSE OPERATION AND MANAGEMENT** Grade Level: 11- 12
Credit: 1 Unit
Pre-requisite: Agricultural Science I and II

This 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, seeds, grafts, and layering. Students will manage their own crop as a greenhouse project.

Course Title: **LANDSCAPING** Grade Level: 11 - 12
Credit: 1/2 Unit
Pre-requisite: Agricultural Science I &II

This course includes the basic techniques of landscape design, landscape construction, installation, and maintenance.

Course Title: **AGRICULTURAL OCCUPATIONAL EXPERIENCE** Grade Level: 12
Credit: 1 Unit
Pre-requisite: Agricultural Science I & II

This course provides for the enrollment of students that are released on school time to complete a cooperative occupational experience in an approved training station in agriculture. A signed training agreement and training plan must be completed for each student.

STUDENTS ARE ONLY ALLOWED TO SCHEDULE ONE (1) PE CLASS PER DAY.

PHYSICAL EDUCATION

Course Title: **CO-ED ADVANCED PHYSICAL EDUCATION** Grade Level: 10-12
Credit: 1/2 Unit
Pre-requisite: Passing grade in a Physical Education Course or with Instructor consent
Required or Elective: Elective

Advanced physical education is a class that offers physical conditioning in the form of resistance training. This class is a strenuous class which places a high physical demand on the student's muscular system. The purpose of the course is to increase strength, muscular endurance, cardiovascular endurance, speed, agility, and flexibility. Students will have the opportunity to experience different techniques in developing these areas.

Course Title: **CO-ED PHYSICAL EDUCATION** Grade Level: 9-12
Credit: ½ Unit
Pre-requisite: None
Required or Elective: Required

Co-Ed Physical Education classes are introductory classes in which students will participate in various physical games and activities. Students will also be able to perform daily cardio-vascular exercises (running, walking), stretching, and calisthenics. Students who have physical disabilities or are limited in their function need to be released to perform exercises by a physician. The activities and games in this course will teach lifetime skills, both individual and team oriented. Students are required to provide their own "workout" clothes.

Course Title: **DRIVER EDUCATION** Grade Level: 9-12
Credit: 1/2 Unit
Pre-requisite: 15 years old
Required or Elective: Elective

The student driver's education course will include: studying the Missouri Driver's Guide of Missouri, studying course work with chapter test, covering all areas at the driving process, and how to become a defensive driver. We will do several different driving maneuvers. We will drive after school so they can learn how to drive and also watch for observation purposes. Driving after school, they will follow a strict progressive driver training program. This will include residential driving, city and business traffic, gravel roads, lettered and numbered highways, freeway driving, and driving test.

HEALTH

Course Title: **FAMILY HEALTH** Grade Level: 9-12

Credit: 1/2 Unit
Pre-requisite: none
Required or Elective: Required

Course will cover instruction on family and social health, growth and development, nutrition, exercise and fitness, drugs, diseases and disorders, consumer and personal health, safety and first aid, community and environmental health.

CAREER EDUCATION

Course Title: **CADET TEACHING** Grade Level: 11 - 12
Credit: 1 Unit
Pre-requisite: Application and Approval by cadet teaching supervisor, ``C`` average with no failing grades, good attendance record

Students will work with teachers in the elementary school by working with small groups, individual students, presenting lessons, etc. Students are required to keep a daily journal of cadet teaching activities to be submitted every other Friday for grading. Cadets are encouraged to be active members in Future Teachers of America. Students wishing to meet A+ mentoring requirements can be assigned to this class. A+ Students will not be assigned to cadet teach in a classroom where a parent is the supervising teacher. **ONLY ONE (1) CADET TEACHING HOUR MAY BE INCLUDED IN YOUR SCHEDULE.**

Course Title: **HONORS MENTORING** Grade Level: 11-12
Credit: 1 Unit
Pre-requisite: Application and approval by mentoring supervisor, 3.5 GPA, two teacher recommendations, 95% attendance record

Students will be assigned to a high school course where they will function as a tutor under the guidance of the classroom teacher. Students are required to keep a daily journal of honors tutoring activities to be submitted every other Friday for grading. Students wishing to meet A+ mentoring requirements can be assigned to this class. A+ Students will not be assigned to mentor in a classroom where a parent is the supervising teacher. **ONLY ONE (1) HONORS TUTORING HOUR MAY BE INCLUDED IN YOUR SCHEDULE.**

ADDITIONAL COURSES

Course Title: **LIBRARY MENTOR** Grade Level: 9 - 12
Credit: 1 Unit
Pre-requisite: ``C`` or better GPA and librarian approval

This self-paced independent study course in the library will familiarize students with the arrangement and services of the library. Students will be given many lessons in understanding the organization of the library and how to research for better understanding. The following objectives will be the primary lessons. Students will learn the organization of the library media center and how to reshelv materials accordingly. They will learn how to utilize the automation card catalog to find materials for patrons, how to use online magazine indexes and other electronic resources available in the library. They will learn how to use an index and almanac for statistical data, and how to organize information into a diagram using Inspiration software. Students will be given four reading assignments. They will utilize Scholastic Reading Counts and participate in the state Gateway Award Program. Students will become familiar with the reference section by utilizing various indexes and encyclopedias to locate information. Students will be responsible for utilizing these skills to create a written biographical account of a historical figure and will create a PowerPoint, Chronological Timeline, and burn a cd with their biography for use in a classroom setting. Students who are taking library mentoring for a second time will learn how to circulate materials to and from teachers and students. They will be responsible for maintaining the inventory of one section of the library. Additional jobs will be assigned as needed. Students must be kind, courteous, helpful, and willing to perform all required duties.

Course Title: **ACT Test Prep** Grade level: 11-12 (only)
Credit: ½ Unit
Pre-requisite: None
Required or Elective: Elective

Students will practice the ACT, find out strengths and weaknesses and work on and improve those weaknesses. The students will spend 6 weeks in math, 6 weeks in science and 6 weeks in English/Reading.

INDUSTRIAL TECHNOLOGY

Course Title: **WOODS I** Grade Level: 9-12
Credit: ½ Unit
Required or Elective: Elective

Beginning Woodworking is a course designed to introduce students to the woodworking and furniture and cabinet making industry. The student should

