

Ava R-I High School



Course Description Guide

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Planning for the Future

The decisions and choices you make as a student at Ava R-I High School will have a profound and long-lasting effect on your future. You are encouraged to make your own decisions and to be responsible for both the rewards and the consequences of them.

Each student should develop a four-year plan of courses according to individual interests, abilities, and goals. Each spring, students will study and adjust the four-year plan using input from parents, teachers, counselors, and other resources. Students should utilize career information in the counselor's office and the library to aid in developing the four-year plan. Information on careers, vocational-technical schools, scholarships, financial aid, college entrance requirements, and other related data is available from the counselors, the A+ Coordinator, or the library.

Parent involvement is critical to the success of the student. It is the responsibility of each student and parent to read carefully all of the registration materials and requirements for graduation, and be willing to live with the choices made for the year. Parents should be aware of the requirements and recommendations for their student's chosen pathway. In addition, parents should support both the student and the school by providing a proper study atmosphere at home and maintaining good communications with school officials and teachers.

We challenge you to set high standards for yourself, select courses and organizations that will advance you toward those goals, attend classes on a daily basis, and work hard to achieve your goals so that you may be successful in whatever you choose to do.

A+ Schools Program

Ava R-I High School has been designated by the Missouri Department of Elementary and Secondary Education as an A+ school. The A+ Schools Program encourages schools to assist students in enrolling in a rigorous program of academic and technical education that will prepare them for the workplace, post-secondary vocational/technical training, or college.

The education of all students is important, regardless of their plans following high school. Some Ava R-I High School graduates will choose to attend a four-year college or university, while others may go directly into the workforce or the military. Still others may seek additional training at a post-secondary vocational school or community college. The A+ Schools Program is designed to ensure that no matter which option is chosen, all high school students will be provided selections of courses, career counseling, technology and/or workplace skill development opportunities that are appropriate to their career goals.

The three major goals of the A+ Schools Program are that:

- All students will graduate from high school.
- All students will complete a selection of high school studies that is challenging and for which there are identified learner expectations.
- All students proceed from high school graduation to a college, post-secondary vocational or technical school, or high-wage job with workplace skill development opportunities.

According to the U.S. Department of Labor, by the year 2010, 75 percent of our nation's jobs will require technical skills. The A+ Schools Program encourages all students to focus on a career goal that requires training beyond high school. Students are asked to select a career path, plan course work for all four years of high school, and progress toward a goal of additional training at the post-secondary level or high-wage job. Students always have the option to modify or change their career goal and course of studies.

Financial incentives will be offered to students who:

- Attend a designated A+ School for two years prior to graduation.
- Earn a 2.5 or higher cumulative GPA upon graduation.
- Average at least 95% attendance during high school.
- Perform 50 hours of unpaid school-based tutoring/mentoring.
- Maintain a record of good citizenship and avoid the unlawful use of drugs and alcohol.
- Complete the Free Application for Federal Student Aid (FAFSA) form prior to graduation.
- Beginning with the high school senior class of 2015, have achieved a score of proficient or advanced on the Algebra 1 End-Of-Course exam or a higher level DESE approved End-Of-Course exam in the field of mathematics.
- If you do not establish eligibility through the EOC exams, you may establish eligibility through the ACT Math by scoring a 17. Students may also score a 16 on the ACT Math with a 2.8 GPA, or a 15 on the ACT Math with a 3.0 GPA.
- Register with the Selective Service (all male students 18 years and older).

By meeting these requirements, students may receive reimbursement of tuition for 2 years (4 semesters) at any eligible Missouri public junior college, community college, or vocational-technical school. **Tuition reimbursement is contingent upon state funding, may be removed at any time, and is not the responsibility of the Ava R-I School District.**

If you have any questions concerning the A+ School Program, please feel free to contact Mr. Johnson, A+ Coordinator, or the high school counselors.

Career Preparation Choices After High School



Your Choices After High School

On-the-Job Training

Some occupations do not require training prior to employment; rather, additional training and skills required beyond high school are provided by the employer.

Apprenticeship

Apprenticeship is a 3 to 4-year training program where you earn money while learning and working on the job. You receive a license at the end of the training. Examples of trades that use apprenticeship are bricklaying, jewelry making, electrical repair, etc.

Vocational/Technical School

Programs at these schools are generally from 1 month to 4 years in length. Examples of vocational technical programs include practical nursing, robotics, and some areas of business.

Community/Junior College

Community colleges offer 2-year “degree” vocational training, associates degrees, or credit transfer to a college or university where you can pursue a bachelor’s degree. Most community colleges have an open enrollment policy for high school graduates and individuals with GEDs.

College/University

A bachelor’s degree requires approximately 4 years of college. A master’s degree usually requires 1 to 2 years of college beyond the bachelor’s degree. A minimum of a bachelor’s degree is required for about 20% of the occupations in the United States. Entrance requirements depend on the desired program/major.

Military

Training is available for many jobs while you are enlisted. You may also receive financial assistance for college, room and board, salary, and insurance benefits. High school graduation is required. Another consideration for students would be the military academies like West Point or University ROTC.

The Purpose of Career Paths

The Ava R-I School District has in place programs to assist all students in choosing and preparing for rewarding careers. In today's society, a general high school program of study is simply not enough preparation for today's colleges, technical career, or for employment in today's competitive workplace. Rather, the program of study must be carefully planned and selected to help ensure that students attain their goals.

Career paths help give focus and direction to the selection of a high school course of study and to best assist the student in achieving whatever goal he/she has chosen. All high school students are asked to consider a career path(s).

Career paths are clusters of occupations and careers that are grouped together because many of the people in them share similar interests and strengths. All paths include a variety of occupations that require different levels of education and training. Career paths provide students with an area of focus, along with flexibility among many options and a variety of ideas to pursue.

How Can Parents and Others Help?

- Help students identify interests, abilities, and talents by discussing strengths with them.
- Share information about careers and work experiences.
- Arrange for students to talk with people about careers that are of interest.

If Students Change Their Minds...

A career path is a choice and is **not** a permanent commitment. As students mature and have new experiences, they will learn new things about themselves and may want to change career paths. If a student decides on a new career path, it should be discussed with the counselor so that the student's plan may be adjusted in accordance with the new career direction.

Career Paths—What Are They?

Career paths are clusters of occupations/careers that are combined because many of the people in them share similar interests and strengths. It is important to note the variety of occupations in each pathway that require different levels of education and training.

Arts and Communication

Are you a creative thinker? Do you consider yourself imaginative and innovative? Do you like doing things that are original? This pathway prepares students for occupations related to the humanities and the performing, visual, literary, and media arts. These occupations include architecture, graphic, interior, and fashion design, writing, film, fine arts, journalism, languages, media, advertising, and public relations.

Business, Management, and Technology

Do you like being a leader, organizing people, and planning activities? Are you good at communicating with a variety of people? Do you like working with facts or numbers? Do you enjoy carrying through an idea and seeing the end product? This pathway prepares students for occupations related to the business environment. These occupations include entrepreneurship, sales, marketing, computer/information systems, finance, accounting, personnel, economics, and management.

Health Services

Do you like helping people who are sick or helping people stay well? Are you interested in working in hospitals, clinics, or treatment centers? Are you curious about new diseases and how the body works? Do you enjoy interacting with people? This pathway prepares students for occupations related to the promotion of health and the treatment of disease. These occupations include, research, prevention, treatment, and related health technologies.

Human Services

Are you friendly, open, and outgoing? Do others consider you understanding and cooperative? Is it important for you to try to make things better for other people? This pathway prepares students for occupations related to economic, political and social systems. These occupations include education, government, law and law enforcement, leisure and recreation, military, religion, childcare, social services, and personal services.

Industrial and Engineering Technology

Are you mechanically inclined? Do you like to use your hands and build things? Do you enjoy finding out how things work? Are you practical? This pathway prepares students for occupations related to the technologies necessary to design, develop, install and maintain physical systems. These occupations include engineering, manufacturing, construction, service, and related technologies.

Natural Resources

Do you like the outdoors? Are you curious about the physical world? Are you interested in plants and animals? Do you like being physically active? Do you like to observe, investigate, and solve problems? This pathway prepares students for occupations related to agriculture, the environment and natural resources. These occupations include agricultural sciences, earth sciences, environmental sciences, fisheries, forestry, horticulture, and wildlife.

Scheduling Information

This guide will help you, the student, and your parents plan your high school course of study. We hope you will continually review your educational and career goals and develop a course of study that will help you achieve these goals

Points to Keep in Mind:

- The below course descriptions are all course classes that have been offered in the past, current, and future school years. The school's current *Master Schedule* is available to students during the pre-scheduling process at which time these course descriptions can be referenced.
- Before selecting a subject, check the course description. Be sure it fits your needs, interests, and career goals. Also be certain that it will help you achieve both the graduation requirements and your college entrance requirements.
- Note prerequisites and fees listed with each course. Teacher permission is required for approval to schedule a pre-approval courses.
- Choose your elective classes carefully. Select classes in your career path that will assist you in achieving your career goals.
- Consult your advisor or the high school counseling department if you have questions about credits, graduation requirements, or vocational/technical programs.

Final class schedules are subject to changes made by administration and/or the counselor.

Ava R-I High School Graduation Requirements

In order to graduate from Ava R-I High School, students must meet all of the Ava R-I School District's, as well as the Missouri State Board of Education's graduation requirements. In addition to earning the required 25 credits and passing specific required classes, graduates must pass both the United States and Missouri Constitution tests, Civics Exam, and complete First Aid/CPR instruction.

Ava R-I High School graduates must meet the following requirements:

Communication Arts.....	4 Units
Social Studies.....	3 Units
Mathematics.....	3 Units
Science.....	3 Units
Physical Education.....	1 Unit
Fine Arts.....	1 Unit
Practical Arts.....	1 Unit
Health.....	½ Unit
Personal Finance.....	½ Unit
Electives.....	8 Units
TOTAL.....	25 Units

SPECIFIC COURSE REQUIREMENTS

Communication Arts

English I.....	Grade 9.....	1 Unit
English II.....	Grade 10.....	1 Unit
English III.....	Grade 11.....	1 Unit
DC English, Comm. Arts Elective.....	Grade 12.....	1 Unit

Social Studies

American History.....	Grade 9.....	1 Unit
World History.....	Grade 10.....	1 Unit
American Government.....	Grade 11.....	1 Unit

Mathematics

Algebra I, Pre-Algebra*.....	Grade 9.....	1 Unit
Geometry/ Civil Engineering.....	Grade 10.....	1 Unit
Integrated Math Applications/Alg*/Alg 2/Principles of Eng.....	Grade 11.....	1 Unit

Science

Physics First/Intro. to Engineering.....	Grade 9.....	1 Unit
Biology/Princ. of Bio Medical Science...	Grade 10.....	1 Unit
Zoology/Anatomy & Physiology.....	Grade 11.....	1 Unit

Health

Health and Family Education.....	Grade 11/12.....	½ Unit
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Personal Finance

Personal Finance.....	Grade 11/12.....	½ Unit
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**Teacher recommendation only*

College Division I and II

NCAA Initial Eligibility Clearinghouse

Students interested in participating in Division I or Division II Athletic NCAA Programs at the college/university level need to contact the counseling office/athletic director for information concerning eligibility criteria.

General Division I Academic Requirements:

- Students must have a minimum grade point average of 2.30 (based on maximum of 4.00) in core curriculum of at least 16 academic full-year courses including at least:
 - o 4 years of English
 - o 3 years of mathematics (Algebra I or higher)
 - o 2 years of natural or physical science (including at least one laboratory class)
 - o 1 year of additional English, mathematics, or natural/physical science
 - o 2 years of social science
 - o 4 years of additional courses (from any area above or foreign language or non-doctrinal religion/philosophy).
 - o Visit https://www.ncaa.org/sites/default/files/2018DIEC_Requirements_Fact_Sheet_20180117.pdf
- Students also must meet specified ACT or SAT scores.
- Note: Some classes offered at Ava R-I High School do **not** meet certification requirements.
 - o Visit <https://web3.ncaa.org/hsportal/exec/hsAction?hsActionSubmit=searchHighSchool>
 - o School code: 260120
 - o Select "show all denied courses"
 - o When determining your 16 courses please check what courses do not meet the requirement.

General Division II Academic Requirements:

- Students must have a minimum grade point average of 2.20 (based on a maximum of 4.0) in core curriculum of at least 16 academic full-year courses including at least:
 - o 3 years of English
 - o 2 years of Math (Algebra I or higher)
 - o 2 years of Natural/Physical Science
 - o 2 years Social Science
 - o 3 years of additional English, Math, Natural/Physical Science
 - o 4 years of additional courses (from any area above or foreign language or non-doctrinal religion/philosophy).
 - o Visit http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/DII_RegsFactSheet.pdf
- These are GENERAL guidelines. NCAA Eligibility changes frequently. Visit these sites frequently to understand your eligibility process.

Frequently Asked Questions

May I repeat a course for graduation credits?

No, an academic course successfully completed with a passing grade cannot be repeated for credit. However, some electives can be repeated, including band, choir, weightlifting, etc. Courses that can be repeated for credit are listed as a "REPEATABLE COURSE" in the course descriptions.

May I be a part-time student?

All students are expected to carry a normal load of 7 classes per semester. In extreme circumstances, the principal may grant seniors an exception after the senior and his/her parents/guardians have completed the appropriate application. Students participating in MSHSAA sanctioned activities must enroll in 6 credit classes (3.0 credits per semester). Students must pass 6 credited classes from the following semester to compete in a MSHSAA sanctioned activity.

What happens if I fail a semester of a required full year (2 semester) course?

Credits are earned by the semester (.5 credit per semester). If you fail a required course, you need to repeat the failed semester again until you successfully complete that semester of the course.

May I get extra credit through correspondence courses?

Students are limited to a maximum of 2 credits by correspondence. Only elective courses will be allowed, except for extenuating circumstances, but both the counselor and the principal must approve these. Correspondence classes will not be figured in class rank, grade average, or academic letter awards. A current student cannot obtain core credit through correspondence.

May I get graduation credit for extracurricular activities?

No graduation credit can be earned for extracurricular activities.

What happens if I withdraw from a class before the end of the semester?

Students must complete classes for which they are enrolled. If a student transfers to another school, his/her current grades and transcript are sent to the new school after all books are returned and any outstanding fines or charges paid. Students will receive a failing grade from the class they withdraw from, if they do not complete the course.

May I change my schedule at semester if I don't like a class I am taking?

Due to class sizes and limitations in class offerings, the ability to change a class simply because you do not like the class is impossible. Schedule changes are limited to teacher-initiated changes and are based upon a student's inability to complete the class or by parent permission only.

Do any classes I took in junior high count toward high school credit?

No junior high classes count toward high school credit.

When can I take dual credit classes in high school?

Freshman can take one dual credit class their second semester as long as they obtained a 3.0 GPA their first semester or an 18 on their ACT. Sophomores can take one dual credit class each semester as long as they obtained a 3.0 GPA their first semester or an 18 on their ACT. Freshman and Sophomore students can not take english, math, or science dual credit classes. Juniors and seniors are not limited to the amount or their course selection. However, juniors and seniors must maintain a 3.0 GPA or an 18 on their ACT.

How many dual credit classes can I take in high school?

Before students reach 29 college credit hours, they need to be communicating with the college they plan to attend to ensure they will not lose eligibility for any incoming freshman scholarships. **This is different for EVERY university.** If you plan to enroll in more than 29 college credit hours, please see the high school counselors for permission.

How do I enroll in honors courses?

Honors courses are not mandatory. Students interested in enrolling in honors courses must have a 3.0 GPA with teacher recommendation.

What about National Honor Society?

If you have any questions regarding your eligibility for National Honor Society, please see Ms. Taylor.

Programs Leading to Academic Excellence

Academic Letters

The standards for earning an Academic Letter are:

- Students must have a grade point average (GPA) for the year of at least 3.3 on a 4.0 scale
- No grade below a B-
- Minimum of 3 core curriculum classes per semester (Math, English, Science, Social Studies)
- Students must be in attendance 4 quarters at Ava R-I High School
- Any students who has been suspended from school, dismissed from class, or put in detention for any reason other than minimal tardiness during the school year will not be eligible to receive an academic letter or award

Career and Technical Education Certificate

- Meet all requirements set forth in state and local board of education policies related to earning a high school diploma
- Qualify as a career and technical education (CTE) concentrator. A CTE concentrator is defined as a student who has earned three or more credits in a sequence in any department-approved career education program area as defined on the student's personal plan of study
- Maintain a minimum grade point average of 3.0 on a 4.0 point scale in the CTE area of concentration as defined on the student's personal plan of study.
- Pass an approved Technical Skill Assessment (TSA) and/or earn an approved Industry-Recognized Credential or Certificate (IRC) aligned with the student's CTE area of concentration
- Complete a minimum of 50 hours of appropriate work-based learning experiences aligned with the student's CTE area of concentration. Work-based learning experiences may include Registered Apprenticeships, Cooperative Career Education Programs, internships, clinical settings, job shadowing, entrepreneurial experiences, school-based enterprises, structured business/industry field trips, service learning or other opportunities that provide students with real-time, authentic work experiences
- Maintain at least a 95% attendance record overall for grades 9-12
- Achieve a score at or above the state standard on any department-approved measure(s) of college and career readiness, for example, the ACT, SAT, ACT-WorkKeys, or the Armed Services Vocational Aptitude Battery as determined in the most current MSIP performance standards. Schools are to use the .75 weighted measures described in the Assessment Scores Matrix as the standard. The matrix is found in Appendix C of the MSIP 5 *Comprehensive Guide to the Missouri School Improvement Program, 2016*
- Demonstrate attainment of soft-skills/business skills. The requirement can be met in one of three ways:
 - Active participation in a Career and Technical Student Organization during the junior or senior year; or
 - Score at proficient or advanced level on a district-developed or adopted soft-skill/ethics assessment during the junior and/or senior year; or
 - Three or more letters of recommendation, from at least three different business or industry employers or other individuals who have knowledge of

the student and can assure that the student has a high level of soft-skill efficacy and is career ready. Letters may not be from a relative or student

A+ Program

- See page 5.

Class Rank

- Class rank is determined by GPA, which is determined using a point system. Letter grades are assigned a numerical value. The numerical values of each class are added and then divided by the number of credits carried
- Beginning with the class of 2015, students will be recognized according to categories/degrees of honor based on cumulative grade point average
 - o Categories:
 - Cum Laude-3.5-3.84 cumulative GPA
 - Magna Cum Laude- 3.85-3.99 cumulative GPA
 - Summa Cum Laude- 4.0 and above cumulative GPA

College and Military Representatives

- College and military representatives to Ava R-I High School are coordinated through the counseling office.

College Fair

- Seniors and juniors are given the opportunity to visit and gather information from college and post-secondary educational representatives during this organized event.

College Visits

- Seniors and juniors are allowed college visit days. Attending these visits will count against a students daily attendance as a verified absence, pending visit verification.

College/Career Searches

- Resources to help students plan their post-secondary education are available through the counseling office and library. A college fair and financial aid night are also held on a yearly basis to assist in this process.

Dual Credit

- Dual Credit is available through Drury University. Dual credit means both high school and college credit are received. Course fees are the responsibility of the student. Dual credit courses are noted in the course description. Dual credit grades are reported on an official college transcript. These courses are also weighted in determining your high school GPA. Students interested in taking dual credit must have a 2.5 GPA. Further information can be found in the students' "Class of" Google Classroom.

Financial Aid Night

- The financial aid night is a detailed presentation that offers information and assistance to parents/guardians in completing the FAFSA form (Free Application for Federal Student Aid). This form must be completed to qualify for federal financial aid. Most colleges require the filing of the FAFSA before a student can receive scholarship awards. Completing this form also meets the A+ Schools Program

requirement of seeking available federal post-secondary student financial assistance funds that do not require repayment for A+ tuition reimbursement.

School Counseling

- Professional school counselors offer services to assist students in planning a high school course of study, as well as help explore and plan future education/career options. The counseling office offers a variety of resources including college catalogs; post-secondary applications; ACT test information; financial aid information and applications; scholarship information; military information; and A+ financial incentive information and applications. The counselor is also available for individual and group counseling.

Missouri State High School Activities Association (MSHSAA)

- Knowing the following MSHSSA standards will enable students to protect their athletic/activity eligibility. You must meet ALL standards in order to be eligible.
 - A student must be currently enrolled in a minimum of 3.0 credits in school and passed 3.0 credits or have passed 70% of available classes in the immediately preceding semester.
 - Grades received the preceding semester will determine eligibility for each semester. Yearly grades have no effect on eligibility. Students must pass 3.0 credits for athletic/activity eligibility.
 - Summer school courses may count toward maintaining academic eligibility, provided the credit earned for each course is placed on the school transcript, such course(s) must count toward meeting graduation/promotion requirements, and no more than 1 credit earned in summer school shall count toward maintaining academic eligibility.
 - When you enroll in grade 9 the first time, you have 8 semesters of athletic/activity eligibility, taken in order of attendance, whether you participate or do not participate in a sports program.

Summer School

- Ava R-I High School offers a variety of summer classes in May-June. These courses, which range from enrichment to makeup courses, are offered to students at all grade levels in most content areas. For more information on the summer school schedule, contact the high school office in early May.

Testing

- **ACT**
 - This college entrance exam is available for all students but recommended for juniors and seniors. Students may retest as often as they choose. The test is given at Ava R-I High School and other area schools on Saturdays throughout the year in the months of September, October, December, February, April and June. Application information and testing schedules are available in the counseling office and www.act.org.
- **ASVAB**
 - ASVAB is an interest inventory and aptitude battery for juniors and seniors administered in November. This aptitude battery is a valuable tool for students to help them determine areas of strengths or interests.

- **WorkKeys**

- The ACT WorkKeys is given to 18 year old seniors. This assessment measures foundational job skills required for success in the workplace, and helps measure the workplace skills that can affect job performance. Having the WorkKeys assessment can help students gain employment in various job sites while also being provided the possibility of an increased salary and specific work ready communities.

Course Descriptions

**Please Note: not all classes are offered each semester. Course offerings are determined based upon graduation requirements and student interest surveys taken prior to each semester.*

English Department

English I

Grade Level: 9 Semesters: 2 Fee: None Credit: 1

English I is an overview of literature across major forms and genres (short story, novel, poetry, drama, epic poetry, and nonfiction). Students will continue their understanding of the mechanics of grammar and composition with an emphasis in argumentative, informative and explanatory writing, as well as critical and creative writing. Students will also read and respond to literary criticism, read poems and excerpts of historical speeches, and give informal and formal presentations with appropriate expression.

English II

Grade Level: 10 Semesters: 2 Fee: None Credit: 1

English II provides students with a more intensive study of the mechanics of grammar and composition. Students will practice writing composition in the form of essays including narratives, reviews, and compare/contrast, with an emphasis in the practice of argumentative, informative and explanatory writing. Students will read, discuss, and analyze Latin and Central American, Asian, African, Middle Eastern, and Russian literature encompassing diverse subject matter and writing styles from various time-periods. **REQUIRED EOC EXAM**

English II Honors

Grade Level: 10 Semesters: 2 Fee: None Credit: 1

Prerequisites: *English I, 3.5 cumulative GPA or better, and English I teacher recommendation*

Honors English II is an advanced class that requires students to read and write on a high level and pursue a more challenging course study. Through fiction and non-fiction readings, students will learn how civilization and literature have developed hand-in-hand over the centuries. Beginning with ancient literature and advancing to modern works, students will study the qualities of effective leaders and what differentiates ideal societies (utopias) from deeply-flawed societies (dystopias). Students will take this information and analyze what it means for the future by asking themselves, "How can we improve the world of tomorrow?" Throughout the year, students will also prepare for their personal future by improving their writing and reading skills. **REQUIRED EOC EXAM**

English III

Grade Level: 11 Semesters: 2 Fee: None Credit: 1

In English III students will learn about the development of the United States of America—its

founding ideas, its struggles, its successes, and its failures. Students will learn these lessons by reading the literature our country has produced throughout its history, the fiction and non-fiction works by men and women who made America what it is today. Students will also improve their reading and writing skills by analyzing these great American works. Along the way, students will learn how to become better citizens as they lead America into the future.

English III Honors

Grade Level: 11 Semesters: 2 Fee: None Credit: 1
Prerequisite: *English II, 3.5 cumulative GPA or better, and English II teacher recommendation*

English III Honors is an advanced class that requires students to read and write on a high level. Students will maintain a more intense, challenging, and faster-paced schedule of study. In this course students will learn about the development of the United States of America—its founding ideas, its struggles, its successes, and its failures. Students will analyze historical and informational texts as well as the American literary periods. Students will also improve their reading and writing skills by analyzing these great American works. Essays will include argumentative, informative, literary analysis, and creative and will build on their writing skills from previous years. Along the way, students will learn how to become better citizens as they lead America into the future.

English IV Honors: (Optional: Drury Dual Credit)

Grade Level: 12 Semesters: 2 Fee: None Credit: 1
Prerequisite: *English III, 3.5+ cumulative GPA, and English III teacher recommendation*

English IV Honors is a reading-intensive course designed to prepare senior students for college-level academics. Students in this course will maintain a higher standard of academic rigor, reading advanced literature and writing a series of college-level papers throughout the year. A variety of poems, plays, short stories, and novels from British and European literature form the content of the course. Students will also learn effective grammar and how to write on a collegiate level. Students also have the option to dual-enroll this course.

Note: This is the only option for students who wish to receive a dual-credit Composition course during high school.

Mythology

Grade Level: 12 Semesters: 2 Fee: None Credit: 1

Students will study Greek and Roman mythology, Norse mythology, the legends of King Arthur, and other myths and legends from around the world. Through Reader's Theater script stories, projects, film analysis, and games, students will experience these stories and analyze their deeper meaning. Along the way, students will learn what it means to be a hero and apply the stages of a hero's journey to their own lives. By the end of the course, students will understand how mythology functioned in the past and how it continues to influence the modern world.

Fiction and Film

Grade Level: 12 Semesters: 2 Fee: None Credit: 1

During this course, students will read several great books and view several film versions of novels. Students will discuss and analyze various genres of literature including horror, science fiction, western, dystopia, fantasy, and more! Students will read works from American and British authors. Reading comprehension will be assessed in various ways: students will take quizzes and tests over literature, write responses to literature, complete projects, and participate in class discussion of books. Students will also read books of their choice: fiction or non-fiction. During these student-selected units, students will read a required amount of pages per quarter, and keep a reading log.

Crime and Punishment

Grade Level: 12 Semesters: 2 Fee: None Credit: 1

Crime and Punishment is designed to sharpen your skills as a critical reader. As we explore both short stories and novels focusing on the theme of “murder and mayhem” you will learn about the various elements that shape the way you read texts - structure, narrative voice, character development, novelistic experimentation, historical and political contexts, and reader response. By the end of the course, students will understand how authors structure their stories and be able to analyze them with a critical eye. The comprehensive final is a research paper and presentation.

English Through Sports

Grade Level: 12 Semesters: 2 Fee: None Credit: 1

English Through Sports is a year-long English course that connects literacy skills to real-world applications through the lens of athletics, performance, and personal growth. Using the framework of a sports season, students will explore identity, resilience, teamwork, and legacy while developing advanced reading, writing, speaking, and critical thinking skills. Students will complete meaningful projects tied to real-world outcomes such as college, careers, and personal development.

Creative Writing

Grade Level: 12 Semesters: 1 Fee: None Credit: ½

Prerequisites: None

Creative writing is the process of crafting original and imaginative works of literature, poetry, prose, or scripts. It transcends conventional writing, encouraging individuals to explore language, structure, and narrative. Whether it's a heartfelt poem, a captivating short story, or a thought-provoking novel, creative writing allows us to communicate our unique perspectives and experiences with the world. Creative Writing comes in many forms, encompassing a range of genres and styles. There are many different types of Creative Writing, which can be categorized as fiction or non-fiction. Some of the most popular being: Biographies; Fiction: novels, novellas, short stories, etc.; speeches; poetry and spoken word; playwriting/scriptwriting; and personal essays. The comprehensive final is a polished piece of creative writing in your chosen genre.

Blogging & Podcasting

Grade Level: 12 Semesters: 1 Fee: None Credit: ½

Prerequisites: None

This course is designed to acquaint students with all aspects of Blogging & Podcasting and to help you become better storytellers. It will train you to think critically about stories you consume,

and it will give you a working knowledge of current trends in audio production and blogging. There will be lessons on sound gathering using professional sound gear, as well as cell phones, interviewing, script writing, audio editing, and developing a “radio voice.” You will spend one quarter creating a blog and one quarter creating a podcast. This course is designed to strengthen you in several areas, including: embracing creative risks, being fearless in the face of technical challenges, and working collaboratively to solve problems. The comprehensive final is a polished blog and a polished podcast.

Social Studies Department

American History

Grade Level: 9 Semesters: 2 Fee: None Credit: 1

Prerequisites: *None*

This course is a study of the history of the United States from 1865 to the present. A wide variety of themes and units are studied to help make history relevant to students’ lives today. The importance of events and the people who shaped those events is emphasized.

AP American History

Grade Level: 10-12 Semesters: 2 Fee: None Credit: 1

Prerequisites: *Teacher Approval*

The AP U.S. History course helps students build strong skills for understanding America’s past while preparing them for college-level work. In this course, students will learn how to think like historians by analyzing primary and secondary sources, asking thoughtful questions, and evaluating different viewpoints. The class challenges students at a level similar to an introductory college history course, helping them develop skills in critical thinking, reading, and writing. By the end of the course, students will be able to judge the reliability and importance of historical evidence and use it to support clear, well-reasoned arguments about U.S. History.

World History

Grade Level: 10 Semesters: 2 Fee: None Credit: 1

Prerequisites: *American History*

This course helps the student understand how today’s complex world came to be. A chronological approach will focus on place, time, significance of events, and identify cause and effect relationships. Major themes in World History will be studied to explain their importance at each stage and how these influenced and shaped the world.

World History Honors

Grade Level: 9 Semesters: 2 Fee: None Credit: 1

Prerequisites: *American History & Teacher Approval*

This course is a World Studies class that also focuses on a chronological approach to the history of the world. Though the actual history studied is the same as in World History, there is a much greater emphasis on writing skills, developing detailed understanding of graphs, charts, and maps, and completing a variety of projects individually and in groups.

Government

Grade Level: 11 Semesters: 2 Fee: None Credit: 1

Prerequisites: *None*

This course in government is designed to cover several facts of both United States and Missouri governmental processes. It includes subject areas such as governmental history and structure, economic policies, the criminal justice system, state and local government, as well as a working knowledge of both the United States and Missouri Constitutions. **REQUIRED EOC EXAM.**

Psychology

Grade Level 12

Semesters: 1

Fee: None

Credit: ½

Psychology is the study of behavior and thinking of organisms. A wide variety of topics are examined including human development, heredity, personality, intellectual abilities, principles of learning and thinking, and motivation. Some experiments, as well as tests and projects are included as part of the grading process.

Sociology

Grade Level 12

Semesters: 1

Fee: None

Credit: ½

Sociology is the study of human groups and society. It includes a thorough investigation of culture, socialization, interaction, group organization, deviance and conformity, social stratification and social situations. This course also promotes an understanding of people from different cultures and backgrounds.

Mathematics Department

Pre-Algebra

Grade level: 9

Semesters: 2

Fee: None

Credit: 1

Prerequisites: *Teacher Recommendation*

Pre-Algebra will include solving equations, graphing, using integers and variables, as well as problem-solving skills needed in higher level math courses. Other topics will include polynomial equations, linear equations, and graphs.

Algebra I A

Grade Level: 9

Semesters: 2

Fee: None

Credit: 1

Prerequisites: *Teacher Recommendation*

Algebra 1 A is designed as the first of a two-year course equivalent to Algebra I. The focus of this course is to present the fundamentals of Algebra. The course covers the real number system, variables, expressions, properties of real numbers, solving and analyzing linear equations, graphs and functions, and analyzing linear inequalities. Each topic will be practiced using models, tables, graphs, and algebraic methods. Emphasis will be placed on using algebraic concepts to solve applied problems.

Algebra I B

Grade Level: 10

Semesters: 2

Fee: None

Credit: 1

Prerequisites: *Algebra I A*

Algebra I B is designed as the second part of a two-year sequence equivalent to Algebra I. Algebra I B includes the concepts of data analysis, numbers and operations, polynomials, exponents, functions (quadratics, absolute value, and exponential), and systems of equations and inequalities. The Algebra I EOC exam will be taken upon completion. **This is an EOC-tested course.**

Algebra I

Grade Level: 9-10 **Semesters:** 2 **Fee:** None **Credit:** 1

This course is intended to help students improve their basic algebra skills, including solving equations, graphing, using integers and variables, as well as problem-solving skills needed in higher-level math courses. Other topics include exponential and polynomial equations, linear equations, and radicals. **This is an EOC-tested course.**

Geometry

Grade Level: 10-11 **Semesters:** 2 **Fee:** None **Credit:** 1

Prerequisites: *Algebra I*

Geometry is designed to improve the deductive reasoning skills of students by using the concepts of proofs and plane figures. This includes the study of triangles, other polygons, circles, as well as solid figures. Constructions, solving proportions, and indirect measurement are integrated into the course to prepare the college-bound student for more upper-level mathematics.

Integrated Math Applications

Grade Level: 10-12 **Semesters:** 2 **Fee:** None **Credit:** 1

Prerequisites: *Algebra I A/B or Algebra I*

Integrated Math is a dynamic bridge between foundational and advanced mathematics. This course reinforces core Algebra I concepts—such as linear and exponential functions, systems of equations, and data analysis—by applying critical thinking directly to real-world problems

Civil Engineering and Architecture

Grade Level: 10-11 **Semesters:** 2 **Fee:** None **Credit:** 1

Prerequisites: *Algebra I*

Students learn the fundamentals of building design, site design, and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software.

Principles of Engineering

Grade Level: 11-12 **Semesters:** 2 **Fee:** None **Credit:** 1

Prerequisites: *Algebra I and Geometry*

Explore how modern engineers are helping improve the world through diverse engineering fields such as product design, robotics, mechanical design, infrastructure, and sustainability. Learn the principles of engineering as well as the cutting-edge tools of robotics, 3-D modeling, programming, and prototyping that engineers are using to solve problems today and for the future.

Algebra II

Grade Level: 11-12 **Semesters:** 2 **Fee:** None **Credit:** 1

Prerequisites: *Algebra I & Geometry*

This course is intended for college-bound students or students with a definite interest in studying algebra. Topics of study include solving equations, graphing, polynomial equations, irrational and complex numbers, exponents and logarithms, solving written problems, probability, and statistics. Students completing this course are typically well prepared for the mathematics questions that appear on college entrance exams.

Algebra II Honors**Grade Level: 11-12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: *Algebra I & Geometry & Teacher Recommendation***

Algebra 2 Honors is an advanced, fast-paced course designed for students to deepen their understanding of algebraic principles. Building on the foundation of Algebra 1, this course covers traditional and additional complex topics, including advanced functions, intricate equations, and introductory pre-calculus concepts. Emphasizing theoretical understanding and real-world applications, it challenges students with more sophisticated problem-solving scenarios.

Trigonometry**Grade Level: 12****Semesters: 1****Fee: None****Credit: 1/2****Prerequisites: *Algebra I, Geometry, Algebra II***

A dynamic and interactive course designed for students who have successfully completed Algebra II. This course provides a comprehensive introduction to the fundamental concepts of trigonometry, a branch of mathematics that deals with the relationships between the angles and sides of triangles, particularly right-angled triangles.

Precalculus**Grade Level: 12****Semesters: 1****Fee: None****Credit: 1/2****Prerequisites: *Algebra I, Geometry, Algebra II***

This course serves as a crucial bridge between Algebra II and Calculus, providing students with the foundational skills and understanding necessary for success in higher-level mathematics. It's tailored for students who have successfully completed Algebra II and Geometry and are looking to deepen their understanding of mathematical concepts and prepare for the challenges of Calculus.

Math Course Sequence

	9th Grade	10th Grade	11th Grade	12th Grade
Pathway	Algebra I	*Principles of Engineering	*Civil Engineering & Architecture	Math of Choice
Pathway	Algebra I	*Principles of Engineering	Math of Choice	Math of Choice
Pathway	Algebra I	Geometry	Algebra II	Math of Choice
Pathway	Pre-Algebra	Algebra I	Math of Choice	Math of Choice
Pathway	Algebra A	Algebra B	Math of Choice	Math of Choice

Math of Choice Course Options			
Math of Choice			• Geometry • Algebra II
Math of Choice			• Geometry • Algebra II
Math of Choice			• Dual Credit College Algebra • Precalculus • Principles of Engineering
Math of Choice			• Geometry • Intergrated Math Applications • Principles of Engineering • Algebra II

Science Department

Physics First**Grade Level: 9 Semesters: 2 Fee: None Credit: 1****Prerequisites: None**

Conceptual physics is a foundation science course covering the following units: motion, force, energy, momentum, heat, light, waves, and sound. Students will use hands-on activities and questioning strategies to understand and apply the physical laws of the universe. Through data collection and graphing, students will develop and use mathematical models of physics concepts to connect science with algebraic mathematics.

Introduction to Engineering Design**Grade Level: 9 Semesters: 2 Fee: None Credit: 1****Prerequisites: None**

Students are introduced to the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems. They work both individually and in collaborative teams to develop and document design solutions using engineering notebooks and 3D modeling software.

Aerospace Engineering**Grade Level: 10-12 Semesters: 2 Fee: None Credit: 1****Prerequisites: *Introduction to Engineering Design***

Students explore the physics of flight and space through software simulations and hands-on experiences. They bring concepts to life by designing and testing an airfoil, a propulsion system, and a rocket. Students learn how these concepts apply to a career in aerospace engineering and other engineering fields

Chemistry**Grade Level: 11-12 Semesters: 2 Fee: None Credit: 1****Prerequisites: None**

Chemistry is designed for the further study and investigation of chemistry concepts for the college-bound student. Methods in this course tend to be a more systematic approach to collecting, analyzing, and interpreting real-time data. This is a class for students with a basic understanding of chemistry principles. This class will prepare students for college chemistry.

Principles of Biomedical Science**Grade Level: 10-11 Semesters: 2 Fee: None Credit: 1****Prerequisites: None**

This course serves to provide foundational knowledge and skills in fields such as biology, anatomy & physiology, genetics, microbiology, and epidemiology as well as engage students in how this content can be applied to real world situations, cases, and problems.

Human Body Systems**Grade Level: 11-12 Semesters: 2 Fee: None Credit: 1****Prerequisites: Principles of Biomedical Science**

Students experience real-world scenarios and cases to see medicine in action – as they diagnose and provide treatment and rehabilitation to patients at an outpatient center, keep

clients safe and healthy on adventure medicine trips in remote locations, and work in a research center to design laboratory investigations to explore development and aging.

Biology

Grade Level: 10-11 Semesters: 2 Fee: None Credit: 1

Prerequisites:

Agriculture Graduation Plan Prerequisites: Ag Science I & enrollment in Ag Science II

Grade Level: 10

Biology is a course designed to study the characteristics of living things and their interrelationships with each other and the environment. Emphasis is placed on how these relationships affect the students' lives now and in the future. Students will have opportunities to investigate their world through the use of the laboratory, applied technology, and dissections. Topics to be covered are chemical make-up, cell structure and function, heredity and genetics, scientific method, ecology, and natural selection. **REQUIRED EOC EXAM.**

Anatomy & Physiology

Grade Level: 11-12 Semesters: 2 Fee: None Credit: 1

Prerequisites: Biology

Anatomy and Physiology is the study of the structure and the function of the human body. During the study of the body, a variety of methods will be used which include laboratory activities, such as the dissection of preserved specimens, the study of anatomical models and microscope slides. Students will also focus on vocabulary necessary for various levels of medical practice.

Zoology

Grade Level: 11-12 Semesters: 2 Fee: None Credit: 1

Prerequisites: Biology

Zoology is the study of animal life. Zoologists research everything they think to ask about animals, including their anatomy and interrelationships, their physiology, genetics, and their distributions and habitats. We will mainly focus on the Vertebrate Kingdom, with some invertebrates added in.

Fine Art Department

Band

Grade Level: 9-12 Semesters: 2 Fee: None Credit: 1

Prerequisites: None

REPEATABLE COURSE

Band is a year-long course open to any student (grades 9-12) with previous instrumental music experience. Continued emphasis is given to the development of musicianship and basic skills through a large repertoire of appropriate level band literature. Students will participate in pep band, marching band and concert band performances. Student involvement in concert and performance activities will be part of the grading process for this course. There are special events, rehearsals and/or concerts during non-school hours. Participation in such activities is essential. The first quarter and various summer camps are devoted to marching activities,

second quarter and the second semester is devoted to pep band, concert band, and solo/small ensemble contest.

Music Independent Study

Grade Level: 9-12 **Semesters:** 2 **Fee:** None **Credit:** 1

Prerequisites: *Enrolled in Band or Concert Choir - Teacher Permission*

REPEATABLE COURSE

Music Independent Studies is a personalized, performance-focused course designed for motivated students who are currently active in their high school band or choir. This course supports musical growth by providing structured time for students to prepare for high-level performance opportunities, including District Band/Choir auditions, State and SCA Ensemble participation, and Solo and Ensemble events.

Concert Choir*

Grade Level: 10-12 **Semesters:** 2 **Fee:** None **Credit:** 1

Prerequisites: *Audition or teacher permission*

REPEATABLE COURSE

Concert Choir is the advanced performing vocal group at AHS. The Concert Choir performs at the conference and district level and at all concerts and musicals presented at Ava High School. Permission is required for enrollment. Outside of school participation is a requirement.

* **Important:** Certain performances are *required*. In performance classes grades will be directly affected by participation in required concerts and other activities.

Mixed Choir

Grade Level: 9-12 **Semesters:** 2 **Fee:** None **Credit:** 1

REPEATABLE COURSE

Mixed Choir serves as a training choir for developing singers. Mixed Choir focuses on proper vocal technique, sight-reading, and performance styles. The choir performs at the conference and district levels, as well as performing at all concerts and musicals presented at school. Outside of school participation is a requirement.

Reel Music*

Grade Level: 9-12 **Semesters:** 2 **Fee:** None **Credit:** 1

Reel Music is a course that studies music in film and television. We will journey through the history of music in movies; jobs musicians can get in movies, terminology, composers and the overall effect of music in movies. This course is designed to increase your understanding and thus your enjoyment of music in film and television.

**This course is a year long class. If you only need to complete ONE semester of Fine Arts it is recommended to register for the FIRST semester only (not second semester).*

Early Rock*

Grade Level: 9-12 **Semesters:** 2 **Fee:** None **Credit:** 1

This course is a general overview of the history of popular music through its early developments in World War II through the mid 60's. This course will study the major influence of the popular music scene. Some topics studied include war music, protest songs, jazz, Motown, Elvis, The Beatles, and much more.

****This course is a year long class. If you only need to complete ONE semester of Fine Arts it is recommended to register for the FIRST semester only (not second semester).***

Modern Rock*

Grade Level: 9-12 Semesters: 2 Fee: None Credit: 1

This course is a general overview of the history of popular music that picks up where Early Rock leaves off till present. This course will continue through history, studying the major influence in the popular music scene. Some genres studied include hair bands, grunge, boy bands, rap, and much more. Fourth quarter is devoted to a massive Internet/wiki based project.

****This course is a year long class. If you only need to complete ONE semester of Fine Arts it is recommended to register for the FIRST semester only (not second semester).***

Art

Art History

Grade Level: 9-12 Semesters: 2 Fees: None Credit: 1

Prerequisites: None

Art History explores Western and Non-Western Artwork throughout history. This course focuses on artwork analysis and critical thinking through discussion.

Advanced Art

Grade Level: 10-12 Semesters: 2 Fees: None Credit: 1

Prerequisites: ½ art credit

REPEATABLE COURSE

Advanced Art is designed to give students further, more advanced exposure with various media and materials. Aesthetics and art history are incorporated into each unit of study. Students will continue to enhance their creative techniques while increasing their knowledge and versatility.

Drawing

Grade Level: 9-12 Semesters: 2 Fees: None Credit: 1

Prerequisites: None

REPEATABLE COURSE

This course is designed for students who are interested in developing their drawing skills. In this class, students explore a variety of drawing and design situations, including still life, figure, landscape, and architectural forms. Various materials will be used, such as pencil, colored pencils, charcoal, and pastels.

Painting

Grade Level: 11-12 Semesters: 2 Fees: None Credit: 1

Prerequisites: 1.5 credits of any previous art course

REPEATABLE COURSE

This course introduces students to a wide variety of painting techniques. Students will paint with tempera, acrylics, and watercolors. Emphasis will be on technique and creative problem solving.

Ceramics

Grade Level: 9-12 Semesters: 1 Fees: None Credit: ½

Prerequisites: None

REPEATABLE COURSE

Students will become involved in various design concepts and techniques as they relate to ceramics. Students will learn basic skills and technical knowledge of traditional and hand building methods: pinched forms, coil, and slab construction and wheel throwing. A wide range of surface decoration and firing techniques will also be explored.

Jewelry

Grade Level: 9-12 Semesters: 1 Fees: None Credit: ½

Prerequisites: None

REPEATABLE COURSE

In this course students will be introduced to various design concepts as they relate to jewelry making. Students will be taught basic jewelry skills related to polymer clay, resin, glass beads and general beading. Students will make rings, bracelets, necklaces, and other jewelry forms.

Fibers

Grade Level: 9-12 Semesters: 1 Fees: None Credit: ½

Prerequisites: None

REPEATABLE COURSE

Creating Artwork with the use of clothes. Ex. Weave, knit, crochet, or sew textile art.

Sculpture

Grade Level: 9-12 Semesters: 1 Fees: None Credit: ½

Prerequisites: None

REPEATABLE COURSE

Sculpture is a fine arts course and a branch of the visual arts. Sculpture can be defined as the art of moulding, carving, welding, and modelling in different materials like clay, metal, wood, stone, etc.

Drama/Theatre/Speech

Drama

Grade Level: 9-12 Semesters: 1 Fee: None Credit: ½

Prerequisites: None

REPEATABLE COURSE

Students will explore the various aesthetics of theater. They will develop the skills to analyze, evaluate, and perform a given piece of literature. Students will analyze theories, styles, and methods of performance. They will study the concepts of directing. Activities will include reading scripts and identifying the ideas expressed by performance. Students learn basic acting skills.

Important: *If students plan to take only one semester of drama, they should take the first semester. The material presented in the second semester builds on that of the first.*

Theatre Productions

Grade Level: 9-12 Semesters: 1 Fee: None Credit: ½

Prerequisites: None

REPEATABLE COURSE

Theatre Productions (semester one) is designed to concentrate on all aspects of backstage operations, including set construction, lighting, sound, costumes, and props. Students will assist with the production of school plays and musicals. Topics of study will be the definition of a musical, the basic components of a musical, and the history of the musical. Students will watch and analyze several musicals throughout the semester.

Speech

Grade Level: 9-12 Semesters: 1 Fee: None Credit: ½

Prerequisites: None

Focusing on the basics of public speaking, including the difference between formal speeches and communication, the process of communication, being a good listener, note-taking skills, how to deal with "stage fright," and giving a variety of speeches, including: Informative speaking, Persuasive Speaking, and situational/entertainment speeches. Students will be graded based on improvement on their speaking skills.

Debate

Grade Level: 9-12 Semesters: 1 Fee: None Credit: ½

Prerequisites: None

In Debate, we will focus on how to take a clear stance on an issue and defend it effectively. We will be using a simplified version of the Lincoln-Douglas Debate format. Students are expected to be courteous and treat others with respect. This is not "arguing." We will also learn about logical fallacies and how to appeal to different aspects of your audience. We will conclude the semester with a mock trial that ties everything together. Knowledge of how to construct a persuasive speech is beneficial.

Business Department

Multimedia

Grade Level: 9-12 Semesters: 2 Fee: None Credit: 1

Prerequisites: None

Students will work with multimedia software to develop electronic presentations and produce videos. They will learn how to manipulate text, art and graphics, photography, animation, audio, and video for presentations and video in various media formats. Throughout video production, students will use planning, filming, and editing software to create a variety of short projects.

Advanced Multimedia (Senior Video)

Grade Level: 10-12 Semesters: 2 Fee: None Credit: 1

Prerequisites: Multimedia

REPEATABLE COURSE

Students will expand on knowledge learned in Multimedia through individual assignments, as well as group assignments. They will be expected to perform at a higher level using more advanced techniques, and skills. Students in this course will create authentic projects including but not limited to the Spirit Week videos and the Senior Memories video.

Computer Applications

Grade Level: 9-12 Semesters: 2 Fee: None Credit: 1

Prerequisites: None

This course is designed to help students master beginning and advanced skills in the areas of word processing, database management, spreadsheet applications, desktop publishing, multimedia, Internet usage, and integrated software applications.

Personal Finance**Grade Level: 11-12****Semesters: 1****Fee: None****Credit: ½****Prerequisites: None**

A required class for the graduates of 2010 and beyond. Personal Finance is a course in which students will learn skills needed to achieve financial success. Topics include income, money management, spending and credit, and saving and investing.

Introduction to Business**Grade Level: 9-12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: None**

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

Business Technology**Grade Level: 10-12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: *Introduction to Business or Computer Applications***

This course is designed to help students develop the qualities, knowledge, and skills necessary for working in a business. Students enhance computer application skills as they develop competencies needed by administrative support professionals. The content includes the use of technology to develop communication skills, the performance of office procedures tasks, the production of quality work using advanced features of business software applications and the production of high quality employment portfolios and job-seeking documents. In addition, the course provides training or skills employers find deficient, such as dealing with other people, using the telephone, organizing work, and handling other crucial tasks.

Accounting I (Individual Study)**Grade Level: 12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: *Personal finance***

This course is designed to build a basic understanding of manual and automated accounting principles, concepts, and procedures. Activities include using the accounting equation, completing the accounting cycle, entering transactions into journals, posting to ledgers, preparing end-of-period statements and reports, managing payroll systems, completing banking activities, calculating taxes, and performing other related tasks.

Web Design**Grade Level: 10-12****Semesters: 1****Fee: None****Credit: ½****Prerequisites: *Intro to Business***

This course focuses on using web programming languages (HTML, JavaScript, etc.), graphic applications, and other web authoring tools to design, edit, launch, and maintain websites and pages. Topics include internet theory, web page standards, design elements, user interfaces, special effects, navigation, and emerging web technologies.

Graphic Design**Grade Level: 10-12****Semesters: 1****Fee: None****Credit: ½****Prerequisites: *Intro to Business***

This course emphasizes the use of web programming languages (HTML, JavaScript, etc.), graphic applications, and other web authoring tools to design, edit, launch, and maintain websites and pages. Topics such as internet theory, web page standards, web design elements, user interfaces, special effects, navigation, and emerging web technologies will be covered.

Business Management**Grade Level: 10-12****Semesters: 1****Fee: None****Credit: ½****Prerequisites: *Introduction to Business***

This course is designed to help students develop an understanding of the skills and resources needed to manage a business. Instruction includes a general overview of American business, forms of business ownership, personnel management, labor-management relations, public and human relations, taxation, and government regulations. The use of computers and software as tools in making business decisions in areas such as accounting, sales analysis, and inventory control is also introduced.

Sports and Entertainment Marketing**Grade Level: 10-12****Semesters: 1****Fee: None****Credit: ½****Prerequisites: *Introduction to Business***

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

Banking and Finance**Grade Level: 10-12****Semesters: 1****Fee: None****Credit: ½****Prerequisites: *Introduction to Business***

In Banking and Financial Services, students will develop knowledge and skills in the economic, financial, technological, international, social, and ethical aspects of banking to become competent employees and entrepreneurs. Students will incorporate a broad base of knowledge that includes the operations, sales, and management of banking institutions to gain a complete understanding of how banks function within society.

Business Law**Grade Level: 10-12****Semesters: 1****Fee: None****Credit: ½****Prerequisites: *Introduction to Business***

This course is designed to offer an introductory view of our legal system and its laws. It examines our court systems and trial procedures as well as other aspects of legal activities that influence the operation of business and personal life activities. Emphasis is also placed on the following topics: internet law, ethics, product warranties, consumer protection, employment conditions, family law, and contracts.

Business Communications**Grade Level: 10-12****Semesters: 1****Fee: None****Credit: ½**

Prerequisites: *Introduction to Business*

Business Communication provides students with communication principles, concepts, and techniques that are essential components for effective organizational behavior in oral, written, and nonverbal communication situations. Communication strategies utilizing principles of psychology and appropriate methodology will be emphasized. Students will utilize problem-solving skills that can be transferred to work after high school.

Entrepreneurship**Grade Level: 10-12****Semesters: 1****Fee: None****Credit: ½****Prerequisites: *Introduction to Business***

This course is designed to provide students with the fundamental knowledge needed for organizing, developing, and implementing a business within the private free enterprise system. Topics of study will include learning the advantages and disadvantages of owning a business, preparing a business plan, choosing a location, securing a loan, determining organizational structure, and promoting a business.

Family and Consumer Sciences Department**Family Life Skills****Grade Level: 9-10****Semesters: 1****Fee: None****Credit: ½****Prerequisites: *None***

In Family Life Skills students will gain understanding of values, needs, wants, and resources that will enable them to make decisions that contribute to family stability and quality of life. It will allow students to explore many options and develop skills for a well-rounded life.

Foods**Grade Level: 9-10****Semesters: 1****Fee: None****Credit: ½****Prerequisites: *Family Life Skills***

The food course is designed to prepare you to be self-sufficient in the kitchen. Students will learn basic cooking skills and terminology & become familiar with the tools of the kitchen and their proper use. Cooking labs will be used to consistently use safety & sanitation, and cooking techniques.

Culinary Arts I**Grade Level: 10-12****Semesters: 1****Fee: None****Credit: ½****Prerequisites: *Family Life Skills/Foods***

In this class, students have the opportunity to explore the exciting and developing professions in the culinary industry. Students will apply safety, sanitation while learning food preparation techniques. Students will also learn management, teamwork, and leadership skills. These courses will prepare students for the Culinary Arts IRC.

Culinary Arts II**Grade Level: 10-12****Semesters: 1****Fee: None****Credit: ½****Prerequisites: *Culinary Arts I***

This is a continuation of Culinary Arts I. In this class, students will have the opportunity to explore the exciting and developing professions in the culinary industry. Students will apply safety, sanitation while learning food preparation techniques. Students will also learn

management, teamwork, and leadership skills. These courses will prepare students for the Culinary Arts IRC.

Child Development I

Grade Level: 10-12 Semesters: 1 Fee: None Credit: ½

Prerequisites: *Family Life Skills & Foods*

Child Development I is a semester-long course designed to teach students the skills necessary to make decisions and solve problems that support the developmental needs of children. Parenting roles, the role of the professional caregiver, and other careers associated with children's needs will be examined. This course will prepare students for the Early Childhood Education TSA. This course has an optional articulation with OTC or dual credit with OTC or MSU.

Child Development II

Grade Level: 10-12 Semesters: 1 Fee: None Credit: ½

Prerequisites: *Child Development I*

Child Development II is a semester-long class focused on applying and expanding on developmental stages (physical, social, emotional, and cognitive) covered in Child Development I. Students will explore techniques to improve development in these areas. This course will prepare students for the Early Childhood Education (IRC). This course has an optional articulation with OTC or dual credit with OTC or MSU.

Introduction to Teaching

Grade Level: 12 Semesters: 2 Fee: None Credit: 1

Prerequisite: *Child Development I & Child Development II, or Teacher Approval*

This course focuses on the general theory and practice of learning and teaching. Throughout the course, the following topics will be covered: the basic principles of educational psychology; the art of teaching; the planning and administration of educational activities; school safety and health issues; and the social foundations of education.

Teaching Practicum (Individual Study)

Grade Level: 12 Semesters: 2 Fee: None Credit: 1

Prerequisite: *Child Development I & Child Development II, or Teacher Approval*

This course is taken in conjunction with Introduction to Teaching. This course will provide students the opportunity to engage in hands-on activities with children ages preschool through 8th grade through practical experiences in preschools, elementary, and middle schools. Practicum hours vary depending on the school year and events that occur each year. The students will complete a minimum of 60 practicum hours. This course will prepare students for the Missouri Paraprofessional Test (IRC). This course, paired with the Teaching Practicum, has a dual credit option with MSU.

Programs of Study through the FACS Department

Education and Training Courses to prepare for the TSA: FACS I and Careers & Entrepreneurship, Child Development I and II, Nutrition & Wellness, Exploring Teaching, Cadet Teaching and A+ tutoring (Any three credits with Child Development and Cadet Teaching being the upper level courses that best prepare for the TSA) TSA tests: Education Fundamentals (AAFCS) or Early Childhood Education (AAFCS)

Culinary Arts/Pro Start Pro Start I and II- for the Pro Start TSA(AAFCS). Courses to prepare would include Foods and Nutrition, FACS, Careers & Entrepreneurship, Personal Finance, and Health. A certification in Pro-Start gives articulated credit with OTC for two courses and 6 credits. Also, MSU and other schools offering culinary degrees have agreements for credits earned by passing Pro Start requirements.

Hospitality & Tourism Hospitality and Tourism Management (HTMP) I & II American Hotel and Lodging Educational Institute (AHLEI) Two tests HTMP I and HTMP II. Two variations, one without work experience counts for Perkins, and the other with 100 hours of work experience to qualify as an IRC. Other courses in this Program of Study would include FACS, Careers & Entrepreneurship, Housing, and Pro-Start. Students in FACS I will be tested for add-on certifications in Kitchen Cook, Food Server, Room Service, and Front Desk options.

Nutrition Courses for the Nutrition TSA (AAFCS) preparation would include: Foods & Nutrition, FACS I, Health, Careers & Entrepreneurship, Personal Finance, and Child Development. It would prepare students to study child care, nutrition, nursing, food service, and community services careers.

Family & Community Services The Family & Community TSA (AAFCS) is for people wanting to work in community services. Courses that prepare for the certification are: Child Development I and II, FACS I, Foods and Nutrition, and Careers & Entrepreneurship.

Broad Field FACS is a TSA (AAFCS) students can take after three credits of FACS courses. It includes child care, nutrition, housing, and a bit of all the areas of FACS courses. It is for the student who has explored several course offerings.

Vocational Agriculture Department

Ag Science I

Grade Level: 9-10 **Semesters:** 2 **Fee:** None **Credit:** 1

Prerequisites: *None*

Agricultural Science I is a basic animal science course preparing students for further study in Agriculture. Units include: FFA Leadership, Animal nutrition, reproduction, and record keeping.

Ag Science II

Grade Level: 10-11 **Semesters:** 2 **Fee:** None **Credit:** 1

Prerequisites: *Ag Science I*

Agricultural Science II is a basic plant/soil science class preparing students for further study in Agriculture. Units include: parliamentary procedure, soils, forestry, ag mechanics, and record-keeping.

Greenhouse

Grade Level: 11-12 **Semesters:** 2 **Fee:** None **Credit:** 1

Prerequisites: *None*

The purpose of this course is to explore and understand concepts necessary for greenhouse operations and appropriate management practices associated with the horticultural industries.

Fish & Wildlife Management

Grade Level: 11-12 Semesters: 2 Fee: None Credit: 1

Prerequisites: *Ag Science I & II*

This course prepares students for careers in the natural resource industry such as wildlife conservation and the forestry division of the US Department of Agriculture.

Ag Forestry

Grade Level: 11-12 Semesters: 1 Fee: None Credit: 1/2

Prerequisites: *Ag Science I & II*

Forestry is a semester-long course that explores careers in forestry and forest management. Students will be encouraged to participate in the district and state Career Development Event in Forestry. Units will include: Using Plant Keys to identify Missouri Trees, Tools used by professional foresters, Safety, Topographic Map reading and interpretation, Timber Stand Improvement for Landowners, Timber Cruising and Tabulation, and General Knowledge of silviculture(the science of tree growth). Hands-on activities will enrich the curriculum.

Ag Food Science

Grade Level: 11-12 Semesters: 1 Fee: None Credit: 1/2

Prerequisites: *Ag Science I & II*

Food Science is a semester-long course about the study of food production and processing. Units include Meats, Poultry Products, Dairy Food Products, Economics of Food Production, Food Safety, and Garden Crops.

Ag Sales

Grade Level: 11-12 Semesters: 1 Fee: None Credit: 1/2

Prerequisites: *Ag Science I & II*

Ag Sales is a one-semester course that involves the aspects of developing and maintaining an agribusiness. Units include: Today's Ag Industry, Selling Environments, Pre-Sale, Sales Presentations, Promotional Tools, Balance sheets, Budget enterprises, Tax Management, Markets, Insurance, Opportunity cost, Supply and Demand and Time value of money. Personal Finance Credit

Ag Leadership

Grade Level: 11-12 Semesters: 1 Fee: None Credit: 1/2

Prerequisites: *Ag Science I & II*

Ag Leadership is a course for juniors or seniors who have previously taken Ag Science I and AG Science II. Topics covered will be FFA Career Development Events/ Public Speaking, and Agriculture Advocacy. Students enrolled in Ag Leadership will be expected to participate in all aspects of FFA Chapter Program of Activities.

Beef Productions

Grade Level: 11-12 Semesters: 1 Fee: None Credit: 1/2

Prerequisites: *Ag Science I & II*

Beef Production is a course for third and fourth-year Ag students with the purpose of expanding their knowledge of beef production. Units may include the following units: Missouri Grasslands Contest, Segments of the entire beef industry, Beef Management Principles, Heifer and Bull Selection, Beef Diseases and prevention, Herd Health program for a Missouri Beef Herd, Beef

Veterinary Tool Identification, Beef Nutrition Principles, Beef Reproduction including Calving principles, Veterinary Medicine and Beef cattle.

Veterinary Science

Grade Level: 11-12 **Semesters:** 1 **Fee:** None **Credit:** 1/2

Prerequisites: *Ag Science I & II*

Veterinary Science is a course for third and fourth-year Ag students. Units may include the following units: Missouri Grasslands Contest, Segments of the entire beef industry, Beef Management Principles, Heifer and Bull Selection, Beef Diseases and prevention, Herd Health program for a Missouri Beef Herd, Beef Veterinary Tool Identification, Beef Nutrition Principles, Beef Reproduction including Calving principles, Veterinary Medicine and Beef cattle.

Ag Small Engines

Grade Level: 11-12 **Semesters:** 1 **Fee:** None **Credit:** 1/2

Prerequisites: *Ag Science I & II*

Ag Small Engines is a one-semester course in the study of small engines. Students will cover the following units: Small engine theory, parts and tool identification, reading tool measurements, small engine disassembly and assembly, small engine projects, electrical circuits, and careers.

Ag Mechanics Systems

Grade Level: 11-12 **Semesters:** 1 **Fee:** None **Credit:** 1/2

Prerequisites: *Ag Science I & II*

Ag Mechanics Systems is a semester course that provides skills for students who will work in the traditional and nontraditional agriculture environment. The purpose of this course is to provide training in the skills needed in Agriculture Mechanics Systems/Construction. Units include: Surveying, Concrete, Plumbing, Arc/MIG/TIG welding, Metals, Electrical circuits/motors, Project Construction, Woodworking, and Shop tool identification.

Industrial Technology Department

Construction Technology

Grade Level: 9-12 **Semesters:** 2 **Fee:** Materials **Credit:** 1

Prerequisites: *Home & Auto Maintenance*

This course is designed to introduce students to basic woodworking skills and includes instruction in the use of hand power, stationary power tools, materials, and processes involved in the use of wood fabrication, including drafting and basic joinery. The safe use of power and hand tools is essential to this course, and students must pass all safety tests with 100% accuracy before using any woodworking tools.

Home Maintenance

Grade Level: 9-12 **Semesters:** 1 **Fee:** None **Credit:** ½

Prerequisites: *None*

Students will be taught safe methods of performing basic home repairs and maintenance. Students will learn the proper use of common hand and power tools, be introduced to basic plumbing used in residential homes, and be taught to identify and properly install some of the

basic electrical items found throughout the house. In this course, students will learn many of the basic preventative maintenance skills needed to avoid costly repairs.

Auto Maintenance

Grade Level: 9-12

Semesters: 1

Fee: None

Credit: ½

Prerequisites: None

Students will be taught safe methods of performing basic automotive repairs and maintenance. Students will learn the proper use of common hand and power tools, learn to identify the major components of the engine and transmission and what their functions are, and learn what to do during emergencies. In this course, students will learn a basic understanding of what needs to be completed as part of routine maintenance.

Vocational Trades Department

Auto Mechanics

Grade Level: 10-12

Semesters: 2

Fee: None

Credit: 2

Prerequisites: Auto/Home Maintenance

REPEATABLE COURSE

Through the use of state-of-the-art test equipment, tools, and machines, the students have the opportunity to examine, adjust, repair, and replace all parts of vehicles, including engines, steering systems, brake systems, and electrical systems. This is a course designed for students who are interested in the field of automotive repair and maintenance as a vocation. Upon completion of this course, the students should be able to make satisfactory progress in this field of work. The minimum requirement for satisfactory completion of the second year will be the students to attain a skill level based on the definition of Automotive Service mechanic.

Welding

Grade Level: 11-12

Semesters: 2

Fee: None

Credit: 2

Prerequisites: None

REPEATABLE COURSE

This is a program that builds on the basic skills all welders need to master to become good welders. First-year students will learn how to do oxyacetylene welding and cutting, brazing, gas metal arc welding (GMAW), shielded metal arc welding (SMAW), and plasma arc cutting (PAC). During the first year, the student will also gain exposure through working and drawing. Students will improve their welding skills through continued work on projects, work with the gas tungsten arc welding process (GTAW), improving their blueprint as well as layout and fit-up skills. Upon completion of the course, the student will have acquired sufficient job-entry-level skills to qualify for most industrial welding jobs. Students will receive a MOASK certification for completion/passing the program.

Health Occupations

Grade Level: 11 or 12

Semesters: 2

Fee: None

Credit: 1

Prerequisites: None

This course will provide the opportunity for students to build a solid foundation in healthcare and learn the many options within this chosen career. Students will gain understanding and focus regarding their area of interest while developing their high school and career goals. The

curriculum emphasizes defining the roles and responsibilities of the healthcare team through a variety of classroom experiences. Students will learn employability skills and character building appropriate and beneficial to the workplace. This is a one-hour class.

Health Occupations CNA

Grade Level: 11 or 12

Semesters: 2

Fee: None

Credit: 2

Prerequisites: None

This course is the continuation of Health Occupations. The overall goal of this class is to provide exposure to a wide variety of health care occupations. Students will learn Nurse Assistant skills and have the opportunity to take the Missouri Certified Nursing Assistant Examination to become a CNA (Certified Nurse Assistant). This is a 2-hour class.

Foreign Language Department

French I

Grade Level: 9-12

Semesters: 2

Fee: None

Credit: 1

Prerequisites: None

French is a year-long course for students to begin learning the language, geography, and cultures of French-speaking countries. The course focuses on the key areas of listening, speaking, reading, and writing skills in French. The course will become more immersive as the year goes on and incorporate music, films, and projects. Students acquire information and recognize the distinctive viewpoints that are only available through the world language and its culture. The course has been aligned to meet all national standards as set by the American Association of Teachers of French.

French 2

Grade Level: 9-12

Semesters: 2

Fee: None

Credit: 1

Prerequisites: None

This course is a continuation of first-year French and is a year-long course for students to begin learning the language, geography, and cultures of French-speaking countries. The course focuses on the key areas of listening, speaking, reading, and writing skills in French. The course will become more immersive as the year goes on and incorporate music, films, and projects. Students acquire information and recognize the distinctive viewpoints that are only available through the world language and its culture. The course has been aligned to meet all national standards as set by the American Association of Teachers of French.

Physical Education Department

Physical Education

Grade Level: 9

Semesters: 2

Fee: None

Credit: 1

Prerequisites: None

The primary objective of Physical Education is for students to develop and maintain physical fitness. This is accomplished through a variety of activities such as running, aerobics, and training circuits. In addition to the fitness aspect, a variety of team and individual sports are also offered to allow students the opportunity to develop an interest in activities they may pursue throughout their lives. Students may not take more than 1 sports class per semester.

Team Sports

Grade Level: 10-12

Semesters: 1

Fee: None

Credit: ½

Prerequisites: *Passing Grade in PE*

Team Sports helps students to develop physically, socially, mentally, and emotionally. It is designed to stress choices and decisions in developing healthy bodies, attitudes, and behavior patterns through team sports and activities. Students may not take more than 1 sports class per semester.

Individual & Dual Sports

Grade Level: 10-12

Semesters: 1

Fee: None

Credit: ½

Prerequisites: *Passing Grade in PE*

Individual and Dual Sports concentrates on those sports and activities involving the individual student or a partner. The class will help the student to develop physically, socially, mentally, and emotionally. It is designed to stress choices and decisions in developing healthy bodies, attitudes, and behavior patterns through individual and dual sports. Students may not take more than 1 sports class per semester.

Weightlifting/Girls Weightlifting

Grade Level: 9-12

Semesters: 2

Fee: None

Credit: 1

Prerequisites: *C or better in PE*

Weight training is a physical education class available for students who have an interest in developing muscular strength, muscular endurance, and a high level of physical fitness. Students will be instructed in the following areas: 1) Proper weight training safety techniques; 2) Proper lifting techniques; 3) Principles of a weight training program; 4) Development of ability, quickness, and cardio-vascular fitness activities. Students may not take more than 1 sports class per semester.

Health

Grade Level: 11/12

Semesters: 1

Fee: None

Credit: ½

Prerequisites: *None*

The Health class prepares students to understand health and wellness with special emphasis on the dangers of drug and alcohol abuse, nutrition, mental, social, and physical health. In addition, students will study the prevention and basic care of illness and injury, life-management skills, as well as risk reduction skills and how these behaviors can improve the quality of life and life expectancy.

Jobs for America's Graduates (JAG)

JAG 9

Grade Level: 9

Semesters: 2

Fee: None

Credit: 1

Prerequisites: *None*

JAG - Missouri (Jobs for America's Graduates – Missouri) is a career exploration and preparation course that provides a hands-on approach to exploring personal strengths and challenges as well as job attainment skills and workplace “survival” skills. Students will work to build strengths in academic areas, time management, and communication. Individual and team project work will help students come to an understanding of their personality and temperament

and the relationship between personal actions and the consequences that follow. Students will make connections to their career interests, abilities, and aptitudes by determining their education and career goals through the use of an Individual Development Plan. This course involves individual assignments, team activities/projects, academic remediation support, service learning opportunities, guest speakers, field trips, and career exploration. Students will also participate in the JAG-Missouri Career Association in various activities focused on Career and Leadership Development, Service Learning, and Civic and Social Awareness.

JAG 10/11

Grade Level: 10/11

Semesters: 2

Fee: None

Credit: 1

Prerequisites: None

JAG - Missouri (Jobs for America's Graduates – Missouri) is a career exploration and preparation course that provides a hands-on approach to exploring personal strengths and challenges as well as job attainment skills and workplace “survival” skills. Students will work to build strengths in academic areas, time management, and communication. Individual and team project work will help students come to an understanding of their personality and temperament and the relationship between personal actions and the consequences that follow. Students will make connections to their career interests, abilities, and aptitudes by determining their education and career goals through the use of an Individual Development Plan. This course involves individual assignments, team activities/projects, academic remediation support, service learning opportunities, guest speakers, field trips, and career exploration. Students will also participate in the JAG-Missouri Career Association in various activities focused on Career and Leadership Development, Service Learning, and Civic and Social Awareness.

JAG 12

Grade Level: 12

Semesters: 2

Fee: None

Credit: 1

Prerequisites: None

JAG - Missouri (Jobs for America's Graduates – Missouri) is a career exploration and preparation course that provides a hands-on approach to exploring personal strengths and challenges as well as job attainment skills and workplace “survival” skills. Students will work to build strengths in academic areas, time management, and communication. Individual and team project work will help students come to an understanding of their personality and temperament and the relationship between personal actions and the consequences that follow. Students will make connections to their career interests, abilities, and aptitudes by determining their education and career goals through the use of an Individual Development Plan. This course involves individual assignments, team activities/projects, academic remediation support, service learning opportunities, guest speakers, field trips, and career exploration. Students will also participate in the JAG-Missouri Career Association in various activities focused on Career and Leadership Development, Service Learning, and Civic and Social Awareness.

Electives

A+ Tutoring

Grade Level: 11-12

Semesters: 1

Fee: None

Credit: ½

Prerequisites: 95% attendance, 2.5 GPA, and good citizenship

Students enroll in this tutoring program and work in either the elementary or middle school. Students are expected to report to their assigned supervisor each day and maintain a tutoring

log. Can be taken for credit with approval from A+ coordinator. Credit is only issued upon turning in log sheets and completing essays. Students cannot take A+ tutoring and be any type of aide during the same semester.

ACT Prep

Grade Level: 11-12 **Semesters:** 1 **Fee:** None **Credit:** ½

Prerequisites: *None*

Students wishing to enter ACT Prep should be self-motivated and have the desire to increase skills necessary for successful ACT Test preparation. The course includes completing classroom assignments, practice tests, skill reviews and exercises, and simulated timed tests.

College Readiness

Grade Level: 11-12 **Semesters:** 1 **Fee:** None **Credit:** ½

Prerequisites: *None*

College Readiness helps high school students prepare for the academic, emotional, and cultural challenges associated with a successful transition to college. The curriculum is designed to equip students with the skills needed to build a strong foundation for success in college-level coursework. Emphasis is placed on developing critical thinking, literacy, and numeracy, as well as essential study skills such as note-taking, presentations, test preparation, time management, and goal setting.

Cooperative Learning Experience Program (Co-op)

Grade Level: 12 **Semesters:** 2 **Fee:** None **Credit:** 1

Prerequisites: *Must have a place of employment working at least 10 hours per week*

The Cooperative Learning Experience Program (Co-Op) is designed for students to gain valuable experiences in work readiness skills. Co-op is a partnership with local licensed businesses to provide eligible students with learning opportunities and hands-on experience as they transition into the workforce. Students must be on track to graduate. Students may be granted two class periods of Co-Op, for which the student must work 10 hours for every one class period of Co-Op. Maximum credit per year is 2 (1 per semester). Any student who is enrolled in Co-Op and fails a class may be removed from the Co-Op program the next semester. Students will receive a grade based on work performance, attendance, and Work Experience Coordinator evaluation.

Digital Media Publications

Grade Level: 9-12 **Semesters:** 2 **Fee:** None **Credit:** 1

Prerequisites: *None*

REPEATABLE COURSE

Digital Media Production includes various activities that help students develop writing, design, and research skills. Students learn to write articles for the newspaper and yearbook along with captions. Students learn to design page layouts and spreads. Students learn how to conduct interviews and surveys to gather information. Students learn to take digital photos and use photo editing software to enhance images. Students learn about marketing, advertising, and sales. Students learn how to work in teams to complete projects. Students will develop critical thinking skills, speaking, and listening skills.

Readers Retreat

Grade Level: 11-12 **Semesters:** 2 **Fee:** None **Credit:** 1

Prerequisites: None

Reader's Retreat is designed as an elective course for students who enjoy reading but have very little time to read outside of school. After reading one required nonfiction book, the remainder of their book selections will be of their choice. Students will read a required number of books each quarter, keep a reading log, and create Instagram posts for the library's Instagram page.

Community Leadership

Grade Level: 10-12 Semesters: 2 Fee: None Credit: 1

Prerequisites: Teacher Invitation

Students from Pre-K to 4th grade are provided with weekend meals through the efforts of the leadership class. Before being enrolled, students need to demonstrate their dependability, proactivity, and reliability. The leadership class works as a team to devise menus, place orders, pack, and distribute meal bags. To be part of this class, students must uphold a 2.5 cumulative GPA, maintain a 95% attendance record, avoid serving in OSS, and refrain from habitual tardiness to class or school.

Algebra II Math Lab

Grade Level: 11-12 Semesters: 2 Fee: None Credit: 1

Prerequisites: Can only be taken in conjunction with Algebra II

This course includes a variety of engaging real-world, relevant investigations, projects, and problems that help students build confidence in Algebra II knowledge and skills. Students will build higher engagement and a deeper understanding of mathematical concept.

Aide - Teacher/Office/Library/Tech

Grade Level: 12 Semesters: 1 Fee: None Credit: 0

Prerequisites: Permission of respective school personnel and 2.5+ GPA

Students may work one hour as an aide to school personnel. Students are expected to remain in the assigned area unless otherwise directed by the supervisor. NO CREDIT IS ISSUED for this course. Students cannot be an aide and A+ tutor during the same semester since both are non-credited courses.

Dual Credit - Drury University**BIOL 102: General Biology (4 Credit Hours)**

Grade Level: 11-12 Semesters: 1 Fee: \$360 Credit: Dual

Prerequisites: None

This course provides students with an overview of biology from cellular structure to classification of organisms. This course will also introduce basic ecological principles.

COMM 211: Presentational Speaking

Grade Level: 10-12 Semesters: 1 Fee: \$270 Credit: Dual

Prerequisites: None

Principles and practice of effective oral communication. This course focuses on researching, composing, and delivering formal and informal presentations. Topics include ethics and public speaking, listening, research, analyzing and adapting to audiences, message construction, outlining, delivery of messages, effective use of visual aids, and critically evaluating public

address. The course emphasizes informative and persuasive speaking. Designed for students who seek to improve speaking and critical thinking skills.

CRIM 102: Introduction to Criminology

Grade Level: 10-12

Semesters: 1

Fee: \$270

Credit: Dual

Prerequisites: None

A survey course designed to provide a general theoretical understanding of crime problems in the U.S. The basic sources of crime, the justice machinery, and society's reaction to crime are examined.

ENGL 150: Composition

Grade Level: 12

Semesters: 1

Fee: \$270

Credit: Dual

Prerequisites: None

Writing course designed to develop students' abilities to write in a variety of modes for a wide range of purposes. Same as COMM 150.

ENGL 207: Expository Writing

Grade Level: 12

Semesters: 1

Fee: \$270

Credit: Dual

Prerequisites: ENGL 150: Composition

Expository Writing provides students with valuable opportunities to write in a wide variety of modes of nonfiction, including narrative essays, film and book reviews, cultural analyses, and journalistic essays. Students read and discuss published nonfiction and participate in workshops where they respond to one another's writing in small groups. The workshop format enables students to respond to issues of form, purpose, voice, and audience. Same as COMM 207.

ENGL 200: Literature Matters

Grade Level: 10-12

Semesters: 1

Fee: \$270

Credit: Dual

Prerequisites: None

One of three foundational courses for majors and potential majors in English, Literature Matters introduces students to a central set of problems in contemporary literary studies (for example, Identity and Empire, Shakespeare to Ondaatje). The course includes important canonical works as well as neglected or emerging writers. There is a focus on how to read and understand literature; how reading and writing literature influence identity, meaning, and value; and how to develop strategies for reading, discussing, and writing about literary works. Students are strongly encouraged to enroll in this course in the spring semester of their freshman or sophomore year.

ENGL 266: Creative Writing

Grade Level: 10-12

Semesters: 1

Fee: \$270

Credit: Dual

Prerequisites: None

Students learn techniques for and practice in writing fiction. The course focuses on student workshops. Same as COMM 266.

GEOG 109: World Regional Geography I

Grade Level: 10-12

Semesters: 1

Fee: \$270

Credit: Dual

Prerequisites: None

Introduction to culture, natural resources, and modern geographical problems facing the realms of the Americas, Europe, and Southwest Asia/North Africa.

GSTU 101: Introduction to Computers and Software**Grade Level: 10-12****Semesters: 1****Fee: \$270****Credit: Dual****Prerequisites: None**

This course provides an opportunity for students to learn how to use the most common computer software programs and information resource facilities. While providing basic information about microcomputer structure and components, operating systems, and an introduction to various applications such as word processing, spreadsheet applications, presentation software, and the Internet will be covered.

GSTU 210: Desktop Applications**Grade Level: 10-12****Semesters: 1****Fee: \$270****Credit: Dual****Prerequisites: None**

This course focuses on the use of advanced software applications using the latest Microsoft Office software. Students will produce comprehensive, real-world solutions to solve business-related problems. Students will utilize Word, Excel, PowerPoint applications, and Internet resources.

HIST 101: United States History to 1865**Grade Level: 10-12****Semesters: 1****Fee: \$270****Credit: Dual****Prerequisites: None**

A broad survey of the major political and social developments from the time of Columbus to the Civil War.

HIST 102: United States History 1865 to Present**Grade Level: 10-12****Semesters: 1****Fee: \$270****Credit: Dual****Prerequisites: None**

A broad survey of the major political and social developments from the Civil War to the present.

HIST 107: World History to 1500**Grade Level: 10-12****Semesters: 1****Fee: \$270****Credit: Dual****Prerequisites: None**

A survey of world history with a focus on the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence.

HIST 108: World History from 1500**Grade Level: 10-12****Semesters: 1****Fee: \$240****Credit: Dual****Prerequisites: None**

A broad survey of world history from 1500 to the present. Exploration of various modern world cultures with a focus on connections and conflicts between them.

MATH 109: College Algebra**Grade Level: 11-12****Semesters: 1****Fee: \$200 + Book Fee****Credit: Dual****Prerequisites: None**

A study of functions and graphs, solutions of equations and inequalities, and the properties of polynomial, rational, exponential, and logarithmic functions.

MATH 231: Calculus (4 credit hours)

Grade Level: 12 **Semesters:** 1 **Fee:** \$270 + Book Fee **Credit:** Dual
Prerequisites: *Must have 25 on ACT Math Score; 3.5 GPA; Completed Trig or Upper Division Math Course*

Continuation of Calculus I, including techniques of integration and infinite series.

MUSC 115: Introduction to Music

Grade Level: 10-12 **Semesters:** 1 **Fee:** \$270 **Credit:** Dual
Prerequisites: *None*

An introductory course in the music of our Western culture for non-music majors. Learning how to listen to music and acquiring a basic knowledge of the musician's technique and vocabulary.

PDEV 200: Introduction to Global Leadership and Sustainability

Grade Level: 10-12 **Semesters:** 1 **Fee:** \$270 **Credit:** Dual
Prerequisites: *None*

This course furthers the discussion of student leadership theory with the statement "Let's change the world." To develop a personal philosophy of global leadership, student leaders will be mindful of the role of diversity of our increasingly multicultural society and how issues of environment and sustainability relate to global leadership

PDEV 289: Introduction to Leadership and Development

Grade Level: 10-12 **Semesters:** 1 **Fee:** \$270 **Credit:** Dual
Prerequisites: *None*

In this class, students will study leadership and how it relates to the individual, the team, and the community. The interdependent relationship between leaders, followers, and creating positive change will be considered. Students will investigate their strengths and challenges in leadership, seek to understand how leadership relates to group effectiveness, and explore community issues and local resources. A variety of leadership theories will be explored with an emphasis on the social change model of leadership development. This course includes a service-learning project.

PHIL 201: Introduction to Philosophy

Grade Level: 10-12 **Semesters:** 1 **Fee:** \$270 **Credit:** Dual
Prerequisites: *None*

A comparative and critical study of the major philosophical positions with a view to developing the analytic, synthetic, and speculative dimensions of philosophical methods.

PLSC 101: Government and Politics in the United States

Grade Level: 10-12 **Semesters:** 1 **Fee:** \$270 **Credit:** Dual
Prerequisites: *None*

Introduction to the theories, constitutional bases, functions, and government structures of the U.S. political system concerning the global political environment. Emphasis on national politics and linkages with state, local, and international governments, including an emphasis on Missouri and current issues in domestic and foreign policy.

PSYC 101: Introduction to Psychology

Grade Level: 10-12 **Semesters:** 1 **Fee:** \$270 **Credit:** Dual

Prerequisites: None

This is a survey course providing a study of the behavior of living organisms, particularly human behavior. Typical problems are methods and measurement in psychology, theoretical systems, learning, motivation, perception, personality, and psychopathology.

PSYC 230: Life Span Development

Grade Level: 10-12

Semesters: 1

Fee: \$270

Credit: Dual

Prerequisites: None

Study of the major theories of and influences on human development from conception through death, including the biological, cognitive, linguistic, emotional, social, and cultural dimensions of development. Special emphasis on change processes.

RELG 109: Introduction to the Study of Religion

Grade Level: 10-12

Semesters: 1

Fee: \$270

Credit: Dual

Prerequisites: None

Religion and religious ideas are central to all cultures and societies, including our own. This course will look at the broad range of cultural forms we have come to call religion, examine how these forms shape cultures and societies, and finally, by examining what these forms have in common and how they differ, we will determine what it is we study when we study religion.

SOCI 101: Introduction to Sociology

Grade Level: 10-12

Semesters: 1

Fee: \$270

Credit: Dual

Prerequisites: None

An analysis of factors that are significant in the development of people as social beings. Consideration is given to the social group and culture as factors in this process.