

# 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.

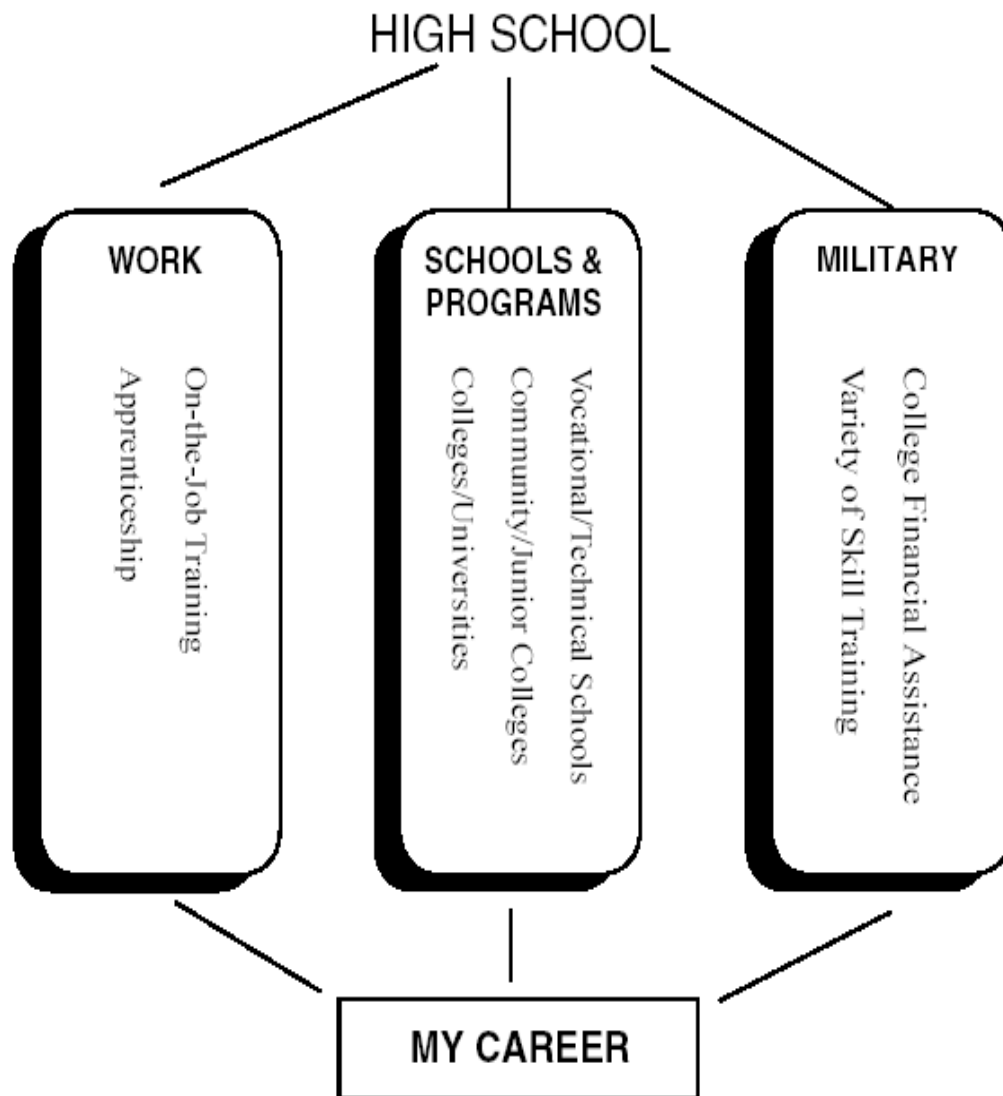
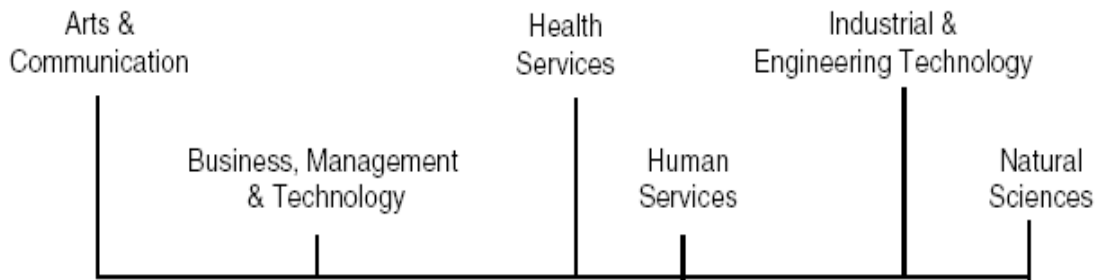
Financial incentives will be offered to students who:

- 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 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. Aaron Dalton, 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 requires that students have the appropriate teacher sign their course selection form prior to arena scheduling.
- Choose your elective classes carefully. Select classes in your career path that will assist you in achieving your career goals. Alternate classes should be selected carefully.
- Consult your advisor or the high school counseling department if you have questions about credits, graduation requirements, or vocational/technical programs.
- Students, parents, advisory teachers will coordinate schedules during 3rd quarter parent teacher conferences.

*\*\*Final class schedules are subject to changes made by the counselors.\*\**

# 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
<b>TOTAL.....</b>	<b>25 Units</b>

## 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, Language 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 .....	Grade 10.....	1 Unit
Algebra II .....	Grade 11.....	1 Unit

### Science

Physics First.....	Grade 9.....	1 Unit
Chemistry, Chemistry Honors .....	Grade 10.....	1 Unit
Biology.....	Grade 11.....	1 Unit

### Health

Health.....	Grade 11/12.....	½ Unit
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### Personal Finance

Personal Finance.....	Grade 11/12.....	½ Unit
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**\*Pre-algebra per teacher recommendation only**

# College Preparatory Studies Certificate

Ava High School awards the College Preparatory Studies Certificate (CPSC) to Missouri students who successfully complete a rigorous academic program in high school. This certificate is awarded in addition to the regular high school diploma.

Awarding the College Preparatory Studies Certification is voluntary on the part of school districts, and meeting the requirements is voluntary on the part of the students. While the certificate is primarily intended as an incentive for college-bound students, those who are not planning to enter college may also wish to work toward earning the award.

## **To be eligible for the certificate, a student must meet ALL of the following requirements:**

- Twenty-four units of credit in specified areas as indicated.
- Earn at least a 3.0 grade point average (GPA), on a 4.0 scale, in the combined areas of English, mathematics, science, and social studies.
- Score above the prior year's national composite average on the American College Test (ACT) or on the Scholastic Aptitude Test (SAT). (2005 - ACT = 21 SAT = 1028)
- Complete a strong academic program (outlined below) in the areas of English/language arts, mathematics, science, social studies, and specified core electives. No substitutions are authorized.

## **SPECIFIC REQUIREMENTS**

### **ENGLISH (4 CREDITS):**

One credit may be speech or debate, two credits must be in courses emphasizing composition or writing skills.

- **Acceptable:** English or Language Arts I, II, III, or IV, literature courses, journalism (if writing intensive), speech and debate.
- **Unacceptable:** yearbook, publications, acting, theater, drama, business English, media and photography

### **MATHEMATICS (3 CREDITS):**

Must be Algebra I and above, including Algebra II.

- **Acceptable:** Algebra I, plane geometry, Algebra II, pre-calculus, trigonometry, analytic geometry, calculus, and math analysis. Standard algebra courses that have been subdivided, e.g., Algebra I is divided into Algebra 1A and 1B, may be counted only as one course unit.
- **Unacceptable:** Computer (math, programming or computer science), consumer math, pre-algebra, basic math, general math, terminal math, business math and accounting.

### **SCIENCE (2 CREDITS):**

May include biology, chemistry, or physics, one of which is a laboratory course. General science courses may not be counted.

- **Acceptable:** Botany, zoology, anatomy and physiology, biology, chemistry, and physics.
- **Unacceptable:** Life science, physical science and earth science if not taught at the high school level.

**SOCIAL STUDIES (3 CREDITS):**

Must include American history and at least one semester of government.

- **Acceptable:** World history, American history, American government, civics principles of democracy, economics, psychology, sociology, political science and geography.
- **Unacceptable:** Regional history, family living, family relations, marriage and family, consumer education, and courses generally listed under “practical arts” or “human environmental science.”

**FINE ARTS (1 CREDIT):**

Courses must be visual arts, music, dance or theatre.

- **Acceptable:** Art I, II, III, IV, sculpture, design, drawing, painting, theater, oral interpretation, dance, drama, band, chorus, other instrumental and vocal music courses, and appreciation courses (art, music, theater).
- **Unacceptable:** radio and television, mass media, stagecraft, arts and crafts.

**SPECIFIED CORE ELECTIVES (3 CREDITS):**

- At least 3 units selected from foreign language (two credits of one foreign language are strongly recommended) and/or combinations from two or more of the following areas: English, mathematics, social studies, science, and fine arts.

**GENERAL ELECTIVES (6 CREDITS):**

- At least 6 units sufficient to meet state and local graduation requirements. Advanced vocational-technical courses selected to support and strengthen the student's college preparatory program or career choice may be used to fulfill this general elective requirement.

**DUAL CREDIT COURSES:**

- College courses taken in high school for both high school and college credit may be counted toward satisfying the core curriculum requirements.

# 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](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 2 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 [https://www.ncaa.org/sites/default/files/2018DIEC\\_Requirements\\_Fact\\_Sheet\\_20180117.pdf](https://www.ncaa.org/sites/default/files/2018DIEC_Requirements_Fact_Sheet_20180117.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 3.5 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 periods per day in addition to advisory.
- 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**

- Students in grades 11-12 are given the opportunity to visit and gather information from college and post-secondary educational representatives during this organized event.

### **College Visits**

- Seniors are allowed 2 full school days to visit college campuses.
- Juniors are allowed 1 full day to visit college campuses.

### **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.

### **LAUNCH**

- LAUNCH courses are available to students who are interested in virtual learning. LAUNCH provides specific courses that the district currently doesn't offer or doesn't fit into a student's schedule because of scheduling conflicts. See the counselors office for more information on courses available.

### **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 counseling staff is also available for individual and group counseling.

### **Job Shadow**

- Students in grades 9 & 11 will have an opportunity to spend one day on a job shadowing experience in a related career of their choice. Students must follow the procedures outlined in the student handbook.

### **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.
  - o 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.
  - o 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.
  - o 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.
  - o 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 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 counseling office or the high school office in early May.

### **Testing**

- **ACT**
  - o 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.

- **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: 1**

**Fee: None**

**Credit: 1**

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

#### **World Literature-English II**

**Grade Level: 10**

**Semesters: 1**

**Fee: None**

**Credit: 1**

World Literature 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**

#### **Honors World Literature-Honors English II**

**Grade Level: 10**

**Semesters: 1**

**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. Students will maintain a more intense, challenging, and faster-paced schedule of study interspersed with unit projects. World Literature provides students with an intensive study of the mechanics of grammar and composition. Students will practice writing composition in the form of essays including narratives, reviews, compare/contrast, with an emphasis in the practice of argument writing. Students will read, discuss, and analyze Latin and Central American, Asian, African, Middle Eastern, and Russian literature that has diverse subject matter and writing styles from various time-periods. **REQUIRED EOC EXAM**

### **American Literature-English III**

**Grade Level: 11**

**Semesters: 1**

**Fee: None**

**Credit: 1**

American Literature is devoted to a study of literature from the colonial period to the late twentieth century. Much of the early literature is nonfiction in the form of diaries, letters, sermons, almanacs, speeches, and foundational documents. Students will analyze historical and informational texts, and in-depth chronological studies will be made of literary periods. Essays range from the analytical to the creative while building on their writing skills from previous years, integrating multiple sources and perspectives into their work, reading literary criticism, and writing longer and more complex essays.

### **Honors American Literature-Honors English III**

**Grade Level: 11**

**Semesters: 1**

**Fee: None**

**Credit: 1**

**Prerequisite:** *English II, 3.5 cumulative GPA or better, and teacher recommendation*

Honors English III 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 interspersed with unit projects. American Literature is devoted to a study of literature from the colonial period to the late twentieth century. Much of the early literature is nonfiction in the form of diaries, letters, sermons, almanacs, speeches, and foundational documents. Students will analyze historical and informational texts, and in-depth chronological studies will be made of literary periods. Essays range from the analytical to the creative while building on their writing skills from previous years, integrating multiple sources and perspectives into their work, reading literary criticism, and writing longer and more complex essays.

### **Newspaper/Career English**

**Grade Level: 12**

**Semesters: 1**

**Fee: None**

**Credit: 1**

**Prerequisite:** *English III teacher recommendation.*

Newspaper is designed to give students a basic understanding of journalism and newspaper writing techniques. Students will write, edit, and design the online school newspaper, *AVAECHO.COM*, as well as submit various news articles to local community newspapers. Students in this course do all the work for publication of the paper. Students will develop their writing abilities and editing and photography skills as well as study current news events and the legal, moral, and ethical issues surrounding media production. The course will also require some after school deadlines as well as some out-of-school time for news coverage.

### **Honors English IV: (Optional: Dual-enrollment)**

**Grade Level: 12**

**Semesters: 1**

**Fee: None**

**Credit: 1**

**Prerequisite:** *English III, 3.5 cumulative GPA or better, and teacher recommendation*

Honors English IV is a reading-intensive course designed to prepare senior students for college-level academics. Students in this course will be held to 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 college 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.

## **Novels**

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

This course is designed to be a course for students who enjoy reading but because of a busy schedule have very little time to read outside of school. During this course, students will read several novels. Students will discuss and analyze various genres of literature. Students will also view film versions of novels. 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 nonfiction. During these student-selected units, students will read a required amount of pages per quarter, keep a reading log, and participate in book talks.

## **Philosophy**

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

Philosophy is a survey of western philosophy and introduces students to the principles of logical thought and argumentation. In their essays, students may trace a symbol through a work or works, or consider a moral or philosophical question. Writing assignments include essays and research papers with an emphasis on informative, explanatory, and argument writing and students will focus on their skills of literary and non-fiction analysis.

## **Women's Literature**

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

Women's Literature introduces you to representative works by and about women from historical, social, and literary perspectives as they seek to inform you about gendered identities. You will learn how gender roles develop and change, and how women's views of themselves are reflected in their writing. Students will read different literary forms, focusing on motifs, themes, and stereotypical patterns in that literature. Students will identify texts, authors, and literary and social movements that produced the texts, while writing essays with an emphasis in informative, explanatory, and argument stances.

## **Mythology**

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

In this course 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 clips, art and poetry analysis, puzzles, 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.

## **Crime and Punishment – Fiction (First semester)**

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

This course concentrates on the specific genre of mystery/crime/mayhem fiction through the study of classic literature, including such authors as Chaucer, Poe, Swift, Shakespeare and Shelley. Students will explore the age-old themes which lead to murder and mayhem. The end of each week marks "Fatal Friday" which means students will watch a fictional crime episode such as Monk, Criminal Minds, CSI, Sherlock, etc. Students will be expected to write two essays, a play script and also complete a research paper/presentation for the semester exam.

### **Crime and Punishment – Non-Fiction (Second semester)**

**Grade Level: 12**

**Semesters: 1**

**Fee: None**

**Credit: ½**

This course concentrates on the specific genre of true crime. Ever wonder what goes through the mind of a killer? We will learn about abnormal psychology, criminal profiling, crime scene investigation, court procedures, and sentencing. This course will include lectures, case studies, current events, class discussions, and of course “Fatal Friday” when students will watch true-crime shows such as Dateline NBC, 48 Hours, etc. Students will be required to complete two short research projects as well as a major research paper/presentation on a notorious killer which will serve as the semester exam.

### **Writing Workshop (First semester)**

**Grade Level: 12**

**Semesters: 1**

**Fee: None**

**Credit: ½**

Do you love to write, but just can't find time to do it? Would you like to experiment with different types of writing? Would you like to explore ways to publish your work? If so, this is the class for you! Students will be writing in such genres as free-writing journaling, narratives, children's stories, short stories, play scripts, and possibly even get started on a novel idea. Students should expect to share their ideas and writing with other students and to do lots of WRITING! Throughout the semester students will be compiling a writing portfolio which will serve as the semester exam.

### **Poetry Society (Second semester)**

**Grade Level: 12**

**Semesters: 1**

**Fee: None**

**Credit: ½**

Do you like to write and read poetry? Are you creative? Are you willing to share your thoughts and writing with other students? If so, this is the class for you! Students will study various poets' styles and will develop his/her own voice and style when writing poetry. Each day we will write free verse in a journal, discuss poets and read their poems, and of course WRITE! Required class projects will include a short research project on a poet and a semester exam project which will be to create an anthology of original poetry.

### **Contemporary Literature**

**Grade Level: 12**

**Semesters: 1**

**Fee: None**

**Credit: 1**

This course is designed for students to examine 20<sup>th</sup> century literature and how it fits into the time-period in which it was written (popular culture). Students will be reading novel excerpts, short stories, and poetry from each decade from the 1920s to the 1990s, as well as learning about the art, music, dance, movies, current events, and politics of each decade. A multi-genre project will serve as the semester final exam.

### **Science Fiction**

**Grade Level: 12**

**Semesters: 1**

**Fee: None**

**Credit: 1**

Students will examine the ways in which science fiction reflects popular culture and the concerns of society today and in the past. In reading excerpts from science fiction novels and short stories by authors from various time periods, and in viewing excerpts from some science fiction films and documentaries, students will sharpen their abilities to analyze, to think critically, and to make both inter-textual and global connections. Students will use these skills in



conducting research and in producing writing for various purposes and audiences. Students will be required to complete a science fiction project to serve as the semester final exam.

## **Social Studies Department**

### **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, as well as US geography. 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**

### **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.

### **Honors World History**

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

**Prerequisites: *Geo. & Gov., 3.3 GPA or better, recommendation of English I teacher, and concurrent enrollment in Honors English II***

This course is a World Studies class that also focuses on a chronological approach to the history of the world, but it is in connection with the 10<sup>th</sup> grade English Honors Class. 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.

### **American History**

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

**Prerequisites: *World History***

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 people who shaped those events is emphasized.

### **American Civil War**

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

The Civil War course will cover the causes of the Civil War, the major battles, people involved in various aspects of the war, and the period of Reconstruction.

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

This course will study the history of Southeast Asia and the period of U.S. involvement in the Vietnam conflict.

**Psychology****Grade Level 11-12****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 11-12****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**

### **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. **REQUIRED EOC EXAM if Algebra 1 in 8th grade**

### **Contemporary Math/Intermediate Algebra**

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

**Prerequisites: *Algebra I and Geometry***

Contemporary Math is a two-part class that focuses on basic Algebra 2 and life applications. The first part will cover basic Algebra 2 concepts including, but not limited to, equations and inequalities, linear equations and functions, quadratic functions, polynomials, powers, roots, and radicals. The second part will cover life applications type problems and lessons including, but not limited to, management science, logic and modeling, and symmetry and patterns.

### **Algebra II**

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

**Prerequisites: *Geometry and Algebra I***

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.

### **Trigonometry**

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

**Prerequisites: *C or better in Algebra II***

This course is a thorough study of both triangular and circular trigonometry; it is designed for students with a good background in algebra. Students will learn trigonometry ratios and identities, graph trigonometric functions, solve triangles, and evaluate trigonometric functions and ratios by using a calculator.

**Discrete Math****Grade Level: 12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: 3 math courses**

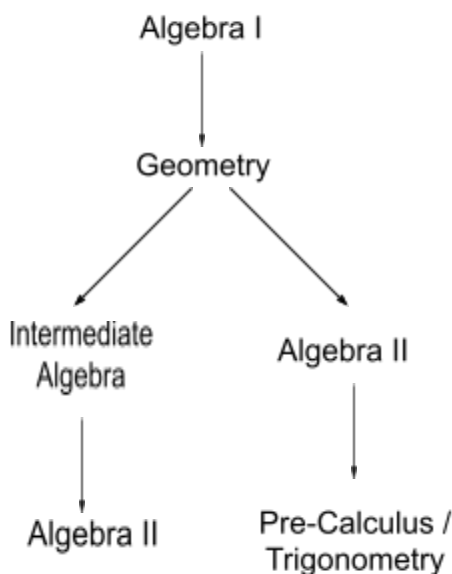
This course is designed for seniors who have failed one of their three math courses, have their three math credits but want to maintain their math skills for college, or have completed Algebra II and don't feel they need trigonometry or college algebra. Topics in this class vary widely—including mathematics not normally studied in algebra and geometry such as history of numbers, computing in different bases, set theory, logic, voting and apportionment, and financial management. Units also include geometry, probability, statistics, and possibly ACT review.

**College Algebra****Grade Level: 11-12****Semesters: 1****Fee: See p. 16****Credit: ½****Prerequisites: Algebra II and 3.0 GPA or qualifying ACT score****Dual Credit-Drury University**

College Algebra is a college-level algebra course offered on a dual credit basis under the auspices of Drury University. A study of the functions and graphs, solutions of equations and inequalities and the properties of polynomial, rational, exponential and logarithmic functions. Students who take the class for college credit must pay the required course fee. This is an online course.

## Recommended Sequence of Course

3 math credits are required for graduation. Consult your math teacher for a recommendation for math courses most appropriate for you individually and for your chosen Career Path. Students and parents are strongly encouraged to research college math acceptance requirements before determining high school math courses. For example: many 4-year colleges require Algebra II as a prerequisite for acceptance.



## **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.

### **Conceptual Chemistry**

**Grade Level: 10**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisites: None**

Conceptual Chemistry is intended to introduce students to the knowledge of chemistry they will need to be successful in future science classes. The course utilizes exploratory, engaging, and exciting themes to cover chemistry concepts, such as qualitative analysis, quantitative analysis, electrochemistry, thermodynamics, kinetics, and the study of the periodic table.

### **Chemistry I (College Prep)**

**Grade Level: 10-12**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisites: Teacher Recommendation**

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 fast-paced class for students with a basic understanding of chemistry principles. This class will prepare students for college chemistry.

### **Biology**

**Grade Level: 11**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisites: Chemistry, Conceptual chemistry, or teacher recommendation**

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 & Medical Application**

**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 as well as learn applications such as using a stethoscope and taking blood pressure, vital signs, and patient assessment.

**Forensics****Grade level 11-12****Semesters: 2****Fee: None****Credit: 1****Science Prerequisites: Biology**

Forensic science is a Junior/senior-level course rich in exploration and lab investigation which applies many disciplines of scientific study such as biology, anatomy, chemistry, and physics to solving crimes. Forensic Science focuses on the skills and concepts behind physical aspects of crime scene investigation and forensic science. Whether students desire to be crime scene investigator, forensic pathologist, or some other medical scientist, this course will help them hone their investigative skills and review a wide range of science concepts. It includes the investigation of fingerprinting, fiber analysis, ballistics, counterfeit currency, trace evidence analysis, poisons, drugs, blood spatters, and blood samples.

## **Fine Art Department**

### **Band**

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

**Prerequisites: *Middle School Band or Teacher permission***

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.

### **Mixed Chorus**

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

#### **REPEATABLE COURSE**

Mixed Chorus serves as a training choir for developing singers. Mixed Chorus 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.

### **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.**

### **Reel Music\***

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

**Prerequisites: *Music Appreciation***

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.

**Early Rock\*****Grade Level: 9-12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: Music Appreciation**

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.

**Modern Rock\*****Grade Level: 9-12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: Music Appreciation**

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.

***\*These courses are year long classes. 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 I**

**Grade Level: 9-12**

**Semesters: 2**

**Credit: 1**

**Prerequisites: None**

Art I is an exploratory course for students who wish to help fulfill their fine arts requirement. The content of the course stresses studio art, art history, criticism, and aesthetics. Emphasis will focus on problem solving, originality of ideas and expressive and technical use of materials and craftsmanship.

### **Advanced Art**

**Grade Level: 10-12**

**Semesters: 2**

**Credit: 1**

**Prerequisites: C or better in Art I**

#### **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: 10-12**

**Semesters: 1**

**Credit: ½**

**Prerequisites: C or better in Art I**

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: 10-12**

**Semesters: 1**

**Credit: ½**

**Prerequisites: C or better in Art I**

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: 10-12**

**Semesters: 1**

**Credit: ½**

**Prerequisites: C or better in Art I**

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: 10-12**

**Semesters: 1**

**Credit: ½**

**Prerequisites: C or better in Art I**

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.

## **Drama/Theatre/Speech**

### **Drama**

**Grade Level: 10-12**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisites: None**

#### **REPEATABLE COURSE**

Students will explore the various aesthetics of theatre. 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. Through this students will learn basic acting skills. **Important:** *If students plan to take only one semester of drama, they should take first semester. The material presented in second semester builds on that of the first.*

### **Theatre Productions/Musical Theatre 101**

**Grade Level: 10-12**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**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. Musical Theatre 101 (second semester) explores the musical. 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 And Debate**

**Grade Level: 10-12**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisites: None**

Students will learn the basics of speaking, including what makes an effective speech, proper speaking techniques in different situations, and debate skills.

## **Business Department**

### **Multimedia I**

**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 plan, film and editing software to create a variety of short projects.

### **Multimedia II**

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

**Prerequisites:** *C or better in Multimedia I*

#### ***REPEATABLE COURSE***

Students will expand on knowledge learned in Multimedia I 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. .

### **Advanced Computer Applications**

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

**Prerequisites:** *Passing grade in Computer Applications*

This course expands upon the skills acquired in Keyboarding/Computer Applications. Students will work with a variety of technologies and resources to solve business problems and will learn the proper procedures for creating documents, worksheets, databases, and presentations suitable for coursework, professional purposes, and personal use.

### **Personal Finance**

**Grade Level:** 10-12      **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: 10-12****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, government's role in business, and technology in the business world.

**Banking and Finance****Grade Level: 11-12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: *Passing grade in Intro to Business***

The finance course applies money and economic concepts to the development of personal financial goals and to the preparation of students for careers in which they plan, manage, and analyze the financial and monetary aspects and success of business enterprises. Skills in money management deal with the study of basic concepts of economics, insurance, credit, savings, investments, and budgeting—skills needed for productive citizenship. The course may also cover such business financial matters as business cycles, opportunity costs, cost-benefit analysis, methods of financing businesses, stocks and bonds, profit and loss, and others.

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

This course is designed to acquaint students with the basic legal principles relevant to their roles as citizens, consumers, and employees through a mixture of personal, business, and consumer law. The content includes the basic characteristics of the American system of free enterprise, rights of private property, basic elements of contracts, employer-employee relations, landlords and tenants, individual rights, wills and estates, family and juvenile justice law, and community property

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

This course provides reinforcement of students' basic language arts skills (composition, grammar, spelling, punctuation, etc.) and development of essential competencies for oral and written communication in today's technological workplaces. Emphasis is placed on using the computer to compose and produce accurate and effective documents (including e-mail messages, letters, memos, reports, etc.) for personal and professional purposes. Using technology (presentation software and telecommunications) to develop oral communication skills such as making presentations, giving instructions, interviewing, and making reports in an effective manner is reinforced in this course.

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

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

**Accounting II****Grade Level: 11-12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: *Passing grade in Accounting I***

This course is designed to help students acquire a more thorough, in-depth knowledge of accounting procedures and techniques utilized in solving business problems and making financial decisions. Students will develop skills in analyzing and interpreting information common to partnerships and corporations, preparing formal statements and supporting schedules, and using inventory and budgetary control systems. Computer applications should be integrated in each appropriate instructional unit.

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

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, this course provides training on skills many employers find deficient in dealing with other people, using the telephone, organizing work, and handling other crucial tasks.

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

This course deals with the use of Web programming languages (HTML, Javascript, etc.), graphics applications, and other Web authoring tools to design, edit, launch, and maintain Websites and pages. Such topics as Internet theory, Web page standards, Web design elements, user interfaces, special effects, navigation, and emerging Web technologies will be included.

**Student Publications - DOCOMO****Grade Level: 9-12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: None****REPEATABLE COURSE**

Students develop proficiency in using graphic arts/desktop publishing software to create a variety of business publications such as flyers, brochures, newsletters, etc. This course is responsible for the production of the DOCOMO - the yearbook for Ava High School.

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

This course is designed to provide students with the fundamental knowledge needed for organizing, developing, and implementing a business concern 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.

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

Students will explore the world of sports and entertainment from a marketing perspective. Students will learn key marketing concepts and apply them to real examples from the sports and entertainment industry.

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

This course is designed to help students understand economic concepts necessary for their participation in a capitalist system as wage earners, business owners, producers, and investors. Basic economic concepts like supply and demand, competition, growth, and stability are emphasized. Topics include the government's role in the economy, the sharing of economic risks, and the effect of inflation and monetary policies on national and international economics

**Supervised Business Experience****Grade Level: 12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: *Previous and concurrent enrollment in an approved business course***

Students who are enrolled will be allowed to schedule an early release time to go to work at a local business. These students must be placed in a position where they are performing some type of work related to a business class in which they are currently enrolled.

## **Family and Consumer Sciences Department**

### **Family & Consumer Science I**

**Grade Level: 9-10**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisites: None**

This class includes exploratory course work in these areas: relationships, child care, nutrition, housing, foods, and clothing. It is a project class with labs in sewing, cooking, and child care. New to the course are mini-certifications for Kitchen Cook and Food Server which are Hospitality courses. These certifications will be added to the full Hospitality certification at the junior/senior level.

### **Careers & Entrepreneurship**

**Grade Level: 9-10**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisite: None**

Students will explore careers and entrepreneurship using Missouri Connections and other resources to determine career choices that best fit personal goals. We will participate in projects, group activities, and individual career study. We will go through the steps to run a business for our entrepreneurship study.

### **Foods and Nutrition/International Foods**

**Grade Level: 10-12**

**Semesters: 1 per**

**Fee: None**

**Credit: ½ per**

**Prerequisites: None**

The student will learn the basics of a healthy diet, then consider the role of nutrition at different life stages and in various types of diseases. Foods will include food preparation, safety and sanitation. The information will be reinforced through food preparation labs. Fourth quarter will be a study of countries of the world and their food. A Nutrition IRC is available. Students with 3 credits in Facs Courses will take the TSA or IRC for certification.

### **Culinary Arts I**

**Grade Level: 11-12**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisites: None**

This course includes learning to cook, safety and sanitation, teamwork, and a study of the main cooking methods and food groups. Pro Start prepares students for careers in the Hospitality industry. College credit is articulated with OTC for Hospitality 101: Introduction to Hospitality (3 credits), and Hospitality 115: Safety and Sanitation (3 credits). Passing the Pro Start I and II tests gives our students a certificate and the option of an IRC with mentored work experience. Concurrent employment and participation in co-op work experience during the school day may provide a richer experience in this course. Pro Start also includes culinary competitions at the regional, state, and national levels.

### **Culinary Arts II**

**Grade Level: 11-12**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisites: Culinary Arts I**

**Prerequisites: None**

This course continues from Pro Start I. It is for the serious culinary student. In order to qualify for the IRC credential, students must pass both tests and work 400 hours in industry. Students may also take the course for a TSA upon passing both course tests.

**Intermediate Child Development, Care, & Guidance****Grade Level: 10-12 Semesters: 1****Fee: None Credit: ½ Practical Art****Prerequisites: None**

An instructional program that prepares individuals to understand children's physical, mental, emotional, and social growth and development. Includes instruction in childcare and guidance.

**Advanced Child Development, Care, & Guidance****Grade Level: 10-12 Semesters: 1****Fee: None Credit: ½ Practical Art****Prerequisites: *Intermediate Child Development, Care, and Development***

A continuation of Intermediate Child Development, Care, and Guidance. Students will spend time observing and participating in hands-on experiences with children. Students may work with a cooperating teacher in the elementary and/or middle school for a minimum of 50 hours which qualifies the student the articulation with OTC course ECD 101 Introduction to Early Childhood, (4 credits).

**Exploring Teaching****Grade Level: 10-12****Semesters: 1****Fee: None****Credit: ½****Prerequisite: None**

Students will explore teaching as a career choice including observations of children and teaching techniques. They will plan a lesson, make a bulletin board, and read to children. Exploring Teaching is a preparatory course preparing students for Cadet Teaching as a junior or senior. It will enhance A+ tutoring. Students are encouraged to join FCCLA and Missouri Educators for Tomorrow's Schools, (MoETS) and Future Teachers of America, (FTA)..

**Teaching Practicum****Grade Level: 11-12****Semesters: 1****Fee: None****Credit: ½****Prerequisite: *Exploring Teaching, A+ Tutoring, 3.0 g.p.a. or higher, and teacher permission. Recommended Prerequisites for this Program of Study include Nutrition, Child Development I and II, and Psychology.***

Students will explore the teaching profession through hands-on projects in the classroom and in assigned teaching lab experiences. This course prepares for a TSA Education Fundamentals certificate. Students are encouraged to participate in STAR event competitions in the event: Teach and Train to showcase what they have learned in the course and compete at the regional, state, and national levels. Students should have an interest in the teaching profession and want to explore at a deeper level than previous courses and experiences. Students should join FCCLA and MoETS clubs.



## **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/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**

### **Agriculture Science I**

**Grade Level: 9-11**

**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.

### **Agriculture Science II**

**Grade Level: 9-11**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisites: Agriculture 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.

### **Conservation & Natural Resources**

**Grade Level: 11-12**

**Semesters: 1**

**Fee: None**

**Credit: ½**

**Prerequisites: None**

This course prepares students for activities in conservation and/or improvement of natural resources such as oil, water, air, forests, fish, and wildlife for economic and recreational purposes.

### **Forestry**

**Grade Level: 11-12**

**Semesters: 1**

**Fee: None**

**Credit: ½**

**Prerequisites: None**

This course includes the following aspects of forestry: economic and environmental importance, harvesting equipment and methods, safety, business agreements for the procurement and/or sale of standing timber, surveying and land measurement, scaling and grading, and the equipment and marketing of Missouri wood products.

### **Nursery & Greenhouse Operations/Management**

**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 II**

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

### **Agricultural Communications & Leadership**

**Grade Level: 11-12**

**Semesters: 1**

**Fee: None**

**Credit: ½**

**Prerequisites: Agricultural Science II**

#### **REPEATABLE COURSE**

Agricultural Leadership is a course designed for instruction in agricultural law, agricultural careers, parliamentary procedure, and agricultural communications.

**Agricultural Construction****Grade Level: 10-12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: *Agricultural Science II*****REPEATABLE COURSE**

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

**Agricultural Mechanics****Grade Level: 10-12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: *Agricultural Science II*****REPEATABLE COURSE**

Basic Agricultural Mechanics is an introductory course that explores a wide variety of mechanical processes. Students will use scientific and mathematical applications through relevant mechanical topics. In addition, students will complete numerous lab-based and project-based activities that will give students the opportunity to develop an understanding of the scientific process and increase hand-eye coordination and motor skills. Areas of study in this course include careers in agriculture mechanics, mechanical safety and hazards, hand and power tools. Topic clusters in this course include electricity, small engines, welding and metal work, wood construction, and mechanical technology. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

**Agricultural Structures****Grade Level: 11-12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: *Agricultural Science II*****REPEATABLE COURSE**

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

**Advanced Livestock Production****Grade Level: 11-12****Semesters: 1****Fee: None****Credit: ½****Prerequisites: *Agricultural Science II***

This course covers many aspects of livestock production. Included in the curriculum is marketing, government programs, breeding, and feeding.

**Supervised Agricultural Experience****Grade Level: 12****Semesters: 2****Fee: None****Credit: 1****Prerequisites: *Previous and concurrent enrollment in an approved agricultural course***

This course provides students release time to complete a cooperative occupational experience in an approved training station in agriculture. A signed training agreement and training plan must be completed for each student.

## **Industrial Technology Department**

### **Industrial Wood Technology I**

**Grade Level: 9-12**

**Semesters: 1**

**Fee: Materials**

**Credit: ½**

**Prerequisites: None**

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 prior to using any woodworking tools. Students may extend their studies in industrial technology by taking Industrial Technology II- Advanced Woodworking.

### **Industrial Wood Technology II**

**Grade Level: 10-12**

**Semesters: 2**

**Fee: Materials**

**Credit: 1**

**Prerequisites: C or better in Industrial Technology I**

This course is designed to advance the knowledge gained from Industrial Technology I- Basic Woodworking. Students will use advanced woodworking skills to develop an individual project (s). The safe use of power and hand tools is essential to this course and students must pass all safety tests with 100% accuracy prior to using any woodworking tools. Detailed plans and a 50% materials deposit are required prior to beginning project construction.

### **Drafting**

**Grade Level: 9-12**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisites: None**

This course is designed to give students an introduction to drafting and design practices used in the industry today. Students will use Computer Aided Drafting (CAD) technology to draw and design a variety of projects. Enrollment in this course is strongly suggested for students interested in careers in engineering or any industrial technology field.

### **Technical Problem Solving- 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.

### **Technical Problem Solving- 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 emergency situations. In this course, students will learn a basic understanding of what needs to be completed as a part of routine maintenance.

## **Vocational Trades Department**

### **Auto Mechanics\***

**Grade Level: 11-12**

**Semesters: 2**

**Fee: None**

**Credit: 2**

**Prerequisites: None**

#### **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 system, brake system, and electrical systems. This is a two-year course designed for the 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: attaining skill level based on the definition of Automotive Service mechanic.

### **Auto Body Repair\***

**Grade Level: 11-12**

**Semesters: 2**

**Fee: None**

**Credit: 2**

**Prerequisites: None**

#### **REPEATABLE COURSE**

### **Welding Technology\***

**Grade Level: 11-12**

**Semesters: 2**

**Fee: None**

**Credit: 2**

**Prerequisites: None**

#### **REPEATABLE COURSE**

This is a two-year program that builds on the basic skills all welders need to master in order to become a good welder. 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 drawings. 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 their completion/passing the program.

### **Health Service Aide\***

**Grade Level: 12**

**Semesters: 2**

**Fee: None**

**Credit: 2**

**Prerequisites: None**

Health Occupations is a career/technically oriented, one-year program designed and approved by the state, to prepare students with entry-level skills for various diversities of the healthcare profession. This course consists of classroom lectures, videos, skill labs, hands-on clinical experience, field trips and job shadowing. The curriculum is designed to prepare the student for the high demands of the healthcare profession and to master the state approved competency-based skills for basic patient care. The entering student will benefit from a basic knowledge of English composition, math and Anatomy/Physiology. Enrollees will be able to join SkillsUSA (formerly VICA) and have the opportunity to learn leadership and job-seeking skills. Upon completion of this program, students who have successfully met the Division of Aging requirements will have the opportunity to take the written and practicum examination for certification as a Nurse Assistant.

\*Two hour courses

## **Foreign Language Department**

### **Spanish I**

**Grade Level: 9-12**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisites: None**

This first-level course is centered around acquisition of the basic skills required for listening/understanding, speaking, reading and writing in Spanish, along with an introduction to Hispanic civilization and culture.

### **Spanish II**

**Grade Level: 10-12**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Fee: None**

**Credit: 1 Elective**

**Prerequisites: Grade of "C" or better in Spanish I**

This second-level course deals with more advanced aspects of the listening and understanding, speaking, reading and writing skills emphasized in Spanish I. It delves further into Hispanic civilization and culture and introduces reading and analysis of simplified literature in Spanish.

### **Spanish III/IV**

**Grade Level: 11-12**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisites: Grade of "C" or better in Spanish I & II**

This advanced course provides the opportunity for mastery of the various elements necessary to functional oral and written communication in Spanish and continues the investigation of Hispanic civilization and culture, including the study of literature in its original form.

### **French**

**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.

## **Physical Education Department**

### **Physical Education I**

**Grade Level: 9**

**Semesters: 1**

**Fee: None**

**Credit: ½**

**Prerequisites: None**

The primary objective of Physical Education I 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.

### **Team Sports**

**Grade Level: 10-12**

**Semesters: 1**

**Fee: None**

**Credit: ½**

**Prerequisites: *Passing Grade in PE I***

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 enroll in Individual and Dual Sports/Team Sports no more than 2 times.

### **Individual and Dual Sports**

**Grade Level: 10-12**

**Semesters: 1**

**Fee: None**

**Credit: ½**

**Prerequisites: *Passing Grade in PE I***

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 enroll in Individual and Dual Sports/Team Sports no more than 2 times.

### **Aerobics**

**Grade Level: 10-12**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisites: *C or better in both PE I & Health***

In Aerobics students participate in a variety of physical activities including rhythmic and dance activities, personal physical fitness activities, resistance and weight training exercises, activities for injury prevention and treatment.

### **Weightlifting**

**Grade Level: 10-12**

**Semesters: 2**

**Fee: None**

**Credit: 1**

**Prerequisites: *C or better in both PE I & Health***

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.

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

The Adaptive Physical Education program is designed to promote the physical, social, and mental development of students with special needs who are unable to participate in the regular physical education classes. The program will strive to provide students with basic fundamental skills, fitness, rhythms, and lead up to activities as well as knowledge of rules that will reinforce the enjoyment and appreciation of activities for a lifetime.

**Driver's Education****Grade Level: 10-12****Semesters: 1****Fee: None****Credit: ½****Prerequisites: *Must be 15 years of age or older***

Students receive classroom instruction in the safe operation and maintenance of a motor vehicle. As part of the course, students are required to have actual driving experience under the guidance of the instructor. Class is graded pass/fail.

**Health****Grade Level: 9****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.



## **Electives**

### **A+ Tutor**

**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.

### **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

### **Counselor/Office/Library Aide**

**Grade Level:** 11-12      **Semesters:** 1      **Fee:** None      **Credit:** 0

**Prerequisites:** *permission of principal, counselor, librarian, or teacher*

Students may work one block every other day 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.

### **Teacher Aide**

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

**Prerequisites:** *permission of teacher*

Students may work one block every other day 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.

### **Readers Retreat**

**Grade Level:** 11-12      **Semesters:** 2      **Fee:** None      **Credit:** ½ each

**Prerequisites:** *grade level*

Bear Café is designed to be an elective course for students who enjoy reading, but because of a busy schedule have very little time to read outside of school. To acquaint students with a variety of literature genres, students will be required to read a nonfiction selection, a Gateway Award nominee/winner, and a banned book. The remainder of their book selections will be of their choice; fiction or nonfiction. Students will read a required number of books each quarter, keep a reading log, and participate in book talks. In addition, students will complete a banned book project that will include presenting, while focusing on the skills of literary analysis and critical thinking and writing. Open to Junior and Senior level students.

**Newspaper/Career English****Grade Level: 10-12****Semesters: 1 per****Fee: None****Credit: ½ each****Prerequisite: *English I and teacher recommendation.***

Newspaper is designed to give students a basic understanding of journalism and newspaper writing techniques. Students will write, edit, and design the online school newspaper, *AVAECHO.COM*, as well as submit various news articles to local community newspapers. Students in this course do all the work for publication of the paper. Students will develop their writing abilities and editing and photography skills as well as study current news events and the legal, moral, and ethical issues surrounding media production. The course will also require some after school deadlines as well as some out-of-school time for news coverage.

## **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 will provide 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: \$240      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 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 the manner in which 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 personal 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 in relation to 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.