

# Career & Educational Planning Guide



**2012-2013**

**Blue Springs R-IV  
School District**





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## Career & Educational Planning Guide

### Blue Springs R-IV School District

**Grades 9, 10, 11, & 12**

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# GENERAL INFORMATION

## Letter of Introduction

Dear Parents and Students;

This Career and Educational Planning Guide is intended to assist students as they make plans for a career that will lead to a rewarding and enjoyable future. We urge students and parents to work with the school faculty to review the information in this book in preparation for creating the students' personal plan of study. The personal plan of study, unique to each student, outlines courses that align with future education and career goals. Each year you will revisit the student's personal plan of study. When students see the relevancy of high school course work to what they aspire to in their future, they are more apt to take school more seriously and enroll in more rigorous courses. Remember, course selection is very important and schedule changes can be very difficult.

Parents, please familiarize yourselves with the abundance of information in this book and actively participate with your school and student in creating and reviewing your child's personal plan of study. Students rank parents as the most influential people in their lives. Challenge your students to set high standards, select courses and school activities which directly help them achieve personal and career goals, work hard to achieve these goals and attend classes daily. Embrace the power of your influence and genuinely engage in educational pursuits with your child(ren).

We look forward to partnering with you for a successful year. Please don't hesitate to contact us if we can be of assistance.

Sincerely,  
Blue Springs School District Administration

## Mission and Philosophy

**Mission Statement:** The mission of the Blue Springs School District is to create an educational community in which each individual acquires knowledge, develops skills, and functions as a literate citizen to achieve personal goals.

**Philosophy:** The Blue Springs School District is dedicated to the proposition that each child in the district, regardless of sex, economic or social status, geographic location, race or individual difference, should experience a broad and balanced education. In order to accomplish this goal, a variety of programs and teaching methods will be employed to meet the various needs and differences in the abilities of the students. The objective of the Blue Springs School District is to establish a program to deal with each student's special gifts, and to allow each student an opportunity to attain maximum achievement.

## **Notice of Non-Discrimination**

The Blue Springs School District does not discriminate on the basis of race, color, national origin, sex, religion, social economic status, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following persons have been designated to handle inquiries regarding the non-discrimination policies:

Student & Employee Related Inquiries:	Assistant Superintendent of Human Resources Blue Springs School District 1801 NW Vesper, Blue Springs, MO 64015 (816) 224-1300 Fax: (816) 224-1764
Student Disability Related Inquiries:	Assistant Director of Special Education Blue Springs School District 1801 NW Vesper, Blue Springs, MO 64015 (816) 224-1300 Fax: (816) 228-1056
Facilities Related Inquiries:	Director of Buildings & Grounds Blue Springs School District 5395 Westbound 40 Highway, Blue Springs, MO 64015 (816) 228-4476 Fax: (816) 228-4818

## **School Addresses / Phone Numbers**

### **Blue Springs Freshman Center**

2103 NW Vesper  
Blue Springs, MO 64015  
816.224.1325

Grade 9

### **Blue Springs High School**

2000 NW Ashton Drive  
Blue Springs, MO 64015  
816.229.3459

Grades 10, 11, 12

### **Blue Springs South High School**

1200 SE Adams Dairy Parkway  
Blue Springs, MO 64014  
816.224.1315

Grades 10, 11, 12

## **Planning and Policies**

Students are encouraged to use this Career & Educational Planning Guide to carefully create a Personal Plan of Study that will assist them in reaching their educational and occupational goals. We suggest that you:

- Review all requirements for graduation
- Read the information on career paths
- Read all information given about each course
- Complete a Personal Plan of Study

# GRADUATION REQUIREMENTS AND OTHER INFORMATION

## Requirements For Graduation

CURRICULAR AREAS	GRADUATION REQUIREMENTS (Class of 2012 and Beyond)
<b>ENGLISH LANGUAGE ARTS</b>	<b>4 units of credit</b> (English I, English Lit & Comp, English A or English Fundamentals I; English II, World Lit & Comp, English B or English Fundamentals II; English III, AP Language, English C or English Fundamentals III; English IV, English D, English Fundamentals IV or equivalent course)
<b>FINE ARTS</b>	<b>1 unit of credit</b>
<b>HEALTH</b>	<b>½ unit of credit</b>
<b>MATHEMATICS</b>	<b>3 units of credit</b> (Must include 1 unit Algebra I and 1 unit Geometry)
<b>PERSONAL FINANCE</b>	<b>½ unit of credit</b>
<b>PHYSICAL EDUCATION</b>	<b>1 unit of credit</b> (Must be a dress out class)
<b>PRACTICAL ARTS</b>	<b>1 unit of credit</b> (Business, FCS, Marketing, PLTW, Industrial Tech, Ag, CTC)
<b>SCIENCE</b>	<b>3 units of credit</b> (Must include 1 unit Physical, 1 unit Biological, 1 additional unit)
<b>SOCIAL STUDIES</b>	<b>3 units of credit</b> (Must include ½ unit Geography, ½ unit American Government, 1 unit World History, 1 unit U.S. History)
<b>ELECTIVES</b>	<b>7 units of credit</b> (Must include ½ unit in a Technology class and ½ unit in a Speech class)
<b>TOTAL</b>	<b>24 units of credit</b>

Attendance: According to Board of Education Policy #5.45, eight semesters of attendance are required of all students in the Blue Springs School District.

U.S. and Missouri Constitution Tests: Students must pass the U.S. Constitution test and the Missouri Constitution test in order to graduate.

Speech Requirement Courses: There may be additional courses that fulfill the speech requirement, such as Supportive Services classes. Please see your counselor for more specific information.

- Agriculture (3<sup>rd</sup> Course)
- Communications
- Debate
- Forensics
- Introduction to Theater
- Medical Interventions – PLTW

## Technology Requirement Courses\*

Accounting  
Accounting Principles I  
AP Computer Science  
Beginning Computer Programming  
Business Technology  
Computer Applications/Advanced Computer Applications  
Introduction to College Writing  
Digital Electronics (DE) – PLTW  
Engineering Design and Development (EDD) – PLTW  
Graphic Design  
Human Body Systems – PLTW  
Introduction to Engineering (IE) – PLTW  
Marketing I  
Principles of Engineering (POE) – PLTW  
Video Production & Broadcasting I & II

\*There may be additional courses that will fulfill the technology requirement, such as Supportive Services or a CTC or Summit Tech course. Please see your counselor for more specific information.

## **Prerequisites, Recommended Course of Study**

Certain courses have prerequisites that must be fulfilled for a student to enroll properly. The prerequisite courses offer skills that must be mastered in order to be successful in subsequent courses.

Various departments have recommended courses of study. These recommendations provide guidance to the vast majority of Blue Springs School District students. **There may be special situations or circumstances that would suggest deviations from those recommendations (i.e. a student transfers in from a language magnet school.)** Students, parents, and staff should exercise care and prudence when deviating from those recommendations. If a student believes his or her best interest will be served by varying from the recommended courses of study, he or she should consult with their parents and counselor.

## **Individualized Course Sequencing**

Exceptions to course sequencing can be made to individualize a student's educational experience. If a student, due to summer courses or individual learning experiences, feels he or she may qualify for individualized course sequencing, he or she may take a skills and knowledge placement inventory or participate in an interview with the department chair. Placement in the desired course will depend on availability of space in the course. Minimum requirements must be met to advance to a higher-level course. The department chair or instructional coach will complete the evaluation and give the request to the counselors based upon administrative approval.

## **Grade Placement and Credit Information**

Classification will be made according to units of credits earned by the first of each school year (as per board policy #5.43). Students will be classified as follows:

Sophomore	6-10½ Units of Credit
Junior	11-16½ Units of Credit
Senior	17 Units of Credit and Over

## **Acceptance of Outside Credits**

### Definition:

An outside credit is defined as any credit earned by completing a correspondence course, by attending another accredited district's night school, a home-school class, or by attending another accredited school district's summer school.

Credits earned by attending a Blue Springs high school summer school, night school program, or computer-based PLATO are not classified as outside credits. MOVIP credits do not count as outside credits.

### Regulations:

1. The **maximum number of outside credits**, which may be counted toward the total credits required to graduate from a Blue Springs high school, is three units of credit (6 semester courses).
2. No more than two outside credits (4 semester courses) may be counted in any one school year.
3. The principal and/or counselor may request a copy of the course syllabus, tests, and method of grade determination for any outside credit courses prior to accepting these as appropriate for fulfilling the graduation requirements of the Blue Springs School District.
4. A consultation with the high school counselor is recommended prior to enrolling in any courses taken outside of the regular school day.
5. A student must request an "outside credit" form from his/her counselor.

## **Transfer Credits**

In order to be eligible for a diploma from a Blue Springs school, a transfer student must earn a total of 24 credits and successfully complete all specific Blue Springs graduation requirements.

The district reserves the right to administer tests to determine acceptance of high school credits in order to graduate from a Blue Springs high school (Board of Education Policy #5.33).

**Weighted courses for students transferring into the district high schools will only be given honor points for college credit and AP courses offered at the Blue Springs high schools (i.e. Advanced Placement Italian will not receive an honor point as it is not available in the Blue Springs District).**

## Minimum Post High School Admissions Requirements

<b>CURRICULAR AREAS</b>	<b>Entering Freshman University of Missouri System Credit Requirements</b>	<b>Missouri Public 4 Year Colleges (UCM, MSU) Credit Requirements</b>	<b>Community &amp; Technical Colleges</b>	<b>Military Careers</b>	<b>Apprenticeships</b>
<b>ENGLISH LANGUAGE ARTS</b>	4 Units	4 Units	High School Diploma, GED, or Completion of a Home School Program	High School Diploma	Most Require a High School Diploma or a GED and must be at least 18 years of age
<b>SOCIAL STUDIES</b>	3 Units Govt ½	3 Units Govt ½			
<b>MATHEMATICS</b>	4 Units Alg I & Higher	3 Units Alg I & Higher			
<b>SCIENCE</b>	3 Units 2 of 3 from Bio, Chem, Physics & Earth Science	3 Units No General Science. 1 must be a lab class			
<b>FINE ARTS</b>	1 Unit	1 Unit			
<b>PRACTICAL ARTS</b>	0 Units	0 Units			
<b>PHYSICAL EDUCATION</b>	0 Units	0 Units			
<b>ELECTIVES</b>	5 Units	6 Units			
<b>ADDITIONAL ELECTIVES</b>	2 Units 2 Years of the same foreign language	3 Units selected from foreign language &/or core courses			
<b>TOTALS</b>	22 Units Plus appropriate class rank and a minimum score of 24 on ACT	23 Units Plus appropriate class rank and ACT score			

# ATHLETIC ELIGIBILITY

## Missouri State High School Activities Association Eligibility (MSHSAA)

Knowing and following all MSHSAA standards will enable a student to protect his/her eligibility for MSHSAA interscholastic competition. Activity participation should be for all students making appropriate progress toward graduation and otherwise in good standing.

For students in grades 9-12: Grades received the preceding semester will determine eligibility to participate in interscholastic activities.

- The student shall have earned, the preceding semester, a minimum of 3.0 units of credit. This means to pass 6 of 7 classes the previous semester.
- The student shall currently be enrolled in and regularly attending courses that offer 3.0 units of credit. (student aides and study halls are non-credit classes)
- A beginning ninth grade student shall have been promoted from the eighth grade to the ninth grade for first semester of eligibility.
- A student must be making satisfactory progress towards graduation as determined by local school policies.

There is a maximum age limit for participation.

**Dual Enrollment/MOVIP:** Students planning to participate in dual enrollment/MOVIP classes should visit with their counselor or Activities Director to make sure they will be eligible to participate in MSHSAA sanctioned activities. More information can be found at: [www.mshsaa.org](http://www.mshsaa.org)

## National Association of Intercollegiate Athletics (NAIA)

Please go to [www.playnaia.org](http://www.playnaia.org) for information about eligibility to play NAIA athletics.

## National Collegiate Athletic Association (NCAA)

Before a student is eligible to participate in college athletics at the NCAA Division I or Division II level, the NCAA Clearinghouse must certify the student. Part of that certification process includes making sure that the student has successfully taken the required number of core courses. The required number of core courses is listed below. For further requirements to be deemed eligible contact the Guidance Office.

### CORE UNITS REQUIRED FOR NCAA CERTIFICATION

	<u>Division I</u>	<u>Division II</u>
English Core	4 years	3 years
Mathematics Core	3 years	2 years
Science Core	2 years	2 years
Social Studies Core	2 years	2 years
From English, Math, or Science	1 year	2 years
Additional Core (English, Math, Science, Social Science, Foreign Language, Computer Science, Philosophy, Non-doctrinal Religion)	4 years	3 years
<b>TOTAL CORE UNITS REQUIRED</b>	<b>16</b>	<b>*14</b>

**\*IMPORTANT NOTE:** Division II will require 16 core courses beginning August 1, 2013. Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's website to make certain that courses being taken have been approved as core courses. The website is [www.eligibilitycenter.org](http://www.eligibilitycenter.org).

## **National Collegiate Athletic Association (NCAA) Eligibility Center**

All high school student-athletes wishing to compete in college must register with the NCAA Eligibility Center. Information about the Eligibility Center can be found in the Guide for the College-Bound Student-Athlete. The NCAA national office does not handle initial-eligibility certifications. Please do not contact the NCAA national office with inquiries regarding an individual's initial-eligibility status, including whether transcripts, student release forms, etc., were received or about when you will be cleared. The Eligibility Center maintains and processes all of the initial-eligibility certifications. You can go to [www.ncaa.org](http://www.ncaa.org) for more information.

## **HIGH SCHOOL SPECIAL PROGRAMS**

The high school administration realizes that an effective educational program is one that provides opportunities for student learning both within the classroom and beyond the traditional classroom and school day. These expanded opportunities are viewed as educational options to supplement the regular program.

### **A+ Program**

The Blue Springs A+ program encourages students to stay in school, make career plans, tutor younger students, and graduate with the skills and knowledge required for career success or further education. If students in the class of 2013 and beyond meet the criteria established below, as well as any additional criteria that may be established by the state in the future, and the Missouri General Assembly continues to fund the program, students may be eligible for two years of tuition scholarship to a community college or vocational school.

#### **An A+ student must:**

- Complete and sign an A+ School Agreement and it must be turned in to the A+ office
- Attend an A+ school for three consecutive years prior to graduation (grades 10-12)
- Score Advanced or Proficient on the Algebra I EOC (End of Course) exam (starting with the class of 2015)
- Graduate with an unweighted cumulative GPA of 2.5 or higher on a 4.0 scale
- Graduate with a 95 percent cumulative attendance record for grades 9-12
- Perform 50 hours of unpaid tutoring or mentoring to other students in the Blue Springs School District under the supervision of a certified teacher
- Maintain a record of good citizenship and avoid the use of alcohol and unlawful drugs
- Apply for non-payback scholarships by completing a FAFSA (Free Application for Federal Student Aid)
- Attend a Missouri community college or postsecondary vocational/technical school on a full-time basis and maintain a GPA of 2.5 or higher

## **HOW DO YOU BECOME AN A+ STUDENT?**

It is easy to become part of the A+ Schools Program. Simply read the citizen guidelines and complete the Blue Springs R-IV Schools Program Agreement. As long as you meet all the requirements, you are on track for the A+ scholarship. It is recommended that students sign up early in their high school careers. This allows students time to complete the tutoring portion of the A+ requirements and receive college and career information. It also allows time for the A+ coordinator to monitor the students' GPA and attendance.

It is recommended that students sign up even if they think they are going to a four-year college or not going to college at all. The Blue Springs A+ Schools Program is an opportunity for students to access additional education after high school; it does not obligate them to use the A+ tuition reimbursement.

## **WHAT ARE THE BENEFITS OF BEING AN A+ STUDENT?**

- A student graduating with A+ status may be eligible for two years of tuition grants to attend any public Missouri community college or vocational/technical school as a full-time student. An A+ student may be eligible for scholarships from four-year colleges and universities.
- The tuition grants may be available to the A+ student up to four years after high school graduation.
- Students graduating from a two-year school may be eligible for transfer scholarships to four-year colleges and universities.

**For additional information about the Blue Springs A+ Schools Program, contact the A+ coordinator at your high school.**

## **Advanced Placement**

The Advanced Placement (AP) Program is a nationwide program of college level courses and exams for secondary school students. AP courses provide students a rigorous, college level curriculum. The Blue Springs R-IV School District offers AP courses in the following areas:

- AP Biology
- AP Calculus AB
- AP Chemistry
- AP Computer Science
- AP English Language
- AP English Literature
- AP Environmental Science
- AP European History
- AP Government
- AP Music Theory
- AP Physics
- AP Spanish
- AP United States History

In addition to the high school credit received for the course, AP students prepare to take the Advanced Placement examination in May. Almost all colleges and universities in the United States recognize the scores received on the AP exams and give credit accordingly. However, students must realize that all colleges do not follow the same procedures upon receipt of Advanced Placement examination grades. Many colleges grant college credit and placement automatically for qualifying work on the examinations; some grant placement credit only. BEFORE TAKING AN AP COURSE, THE STUDENT IS ADVISED TO CONTACT THE COLLEGE HE/SHE PLANS TO ATTEND CONCERNING THE STATUS OF AP COURSES AT THAT SCHOOL. Additional information can be found on the College Board website – [www.collegeboard.com](http://www.collegeboard.com). While making a decision regarding an AP course, consider the following four points:

1. Prerequisites and/or recommendations for student participating in individual AP course descriptions. If you do not currently meet the AP prerequisites and desire to make the commitment to participate in an AP class, please see your counselor for additional options.
2. Students enrolled in Advanced Placement courses are expected to take the AP Exam in the appropriate subject area. There is a fee of approximately \$87 (subject to change) to take each exam. A fee reduction is available for students who qualify based on family income.
3. Students who excel in a field of study for which an AP course is not offered are encouraged to prepare for and take the appropriate AP exam under the guidance of a faculty member. Contact the Guidance Office for more information.
4. Summer assignments may be provided to students in preparation for the rigors of these courses. If an AP class has summer assignments, they may be found on the school's website.

## **Articulated Credit**

Articulated credit is awarded when a student earns college credit after completing a state-approved occupational program or course that addresses the same competencies as its "articulated" college program or course. College credit is transcribed after the student has completed 15 credit hours at the Metropolitan Community Colleges. The student has up to two years to benefit from credit held in "escrow."

At the Metropolitan Community Colleges, articulated credit is usually limited to Associate in Applied Science (AAS) degrees, although many colleges and universities are accepting transfer of these credits. To transfer a credit to a four-year degree program, articulated credit must be a part of a completed AAS degree program. The student does not pay any college tuition or fees for the articulated credit.

Articulated credit is available for the following Blue Springs programs if all guidelines are met:

- Accounting Principles (for those students that do not take it for dual credit)
- Advanced Computer Applications
- Business Technology (for those students that do not take it for dual credit)
- Fashion Apparel II (Clothing II)
- Marketing II or Marketing Principles (for those students that do not take it for dual credit)
- Various Career Technical Programs at CTC and Summit Tech (see individual course descriptions)

The student does not need to have a given GPA, test score or demonstrated proficiency to enroll in the articulated course. The students must, however, demonstrate 80% mastery upon completion of the course or program in order to earn credit. No honor point is given for courses in which articulated credit is awarded.

Articulated credit is available for some of the agriculture classes through North Central Missouri College.

## **College Credit Option Summary**

Below is a chart that outlines the options for students who would like to earn college credit during high school. Please check your intended college or university for complete details on credit transfer and availability. *(Chart provided courtesy of Metropolitan Community College.)*

## College Credit Options

<b>Indicator</b>	<b>Dual Enrollment</b>	<b>Dual Credit</b>	<b>Advanced Standing Articulated (Tech Prep) Credit</b>	<b>Credit by Examination</b>	<b>Enrollment for High School Students</b>
<b>Location of course</b>	College campus	High school or career center	High school or career center	High school or career center	College campus
<b>Course taught by</b>	College instructor	High school or career center teacher	High school or career center teacher	High school or career center teacher	College instructor
<b>Cost</b>	Full tuition/fees charged	One-half of tuition charged	No charge	PLTW/free; One-half tuition all other programs	Full tuition/fees charged
<b>Student qualifications</b>	Student must have a minimum 2.5 GPA, take the MCC COMPASS placement test and meet Dual Enrollment Guidelines.	Student must have a minimum of 3.0 GPA for academic courses and 2.5 GPA for career and technical courses and meet qualifications outlined in the Dual Credit Guidelines.	All students can enroll in articulated courses; however, to earn college credit the student must earn a B or better in the class or achieve 80% of the competencies for the course.	Student must complete a specific high school course or courses with a specified minimum grade and/or pass a specific assessment with a specified minimum grade	Must have a signed application for admission from High School Principal, Counselor, or provider. Students under the age of 16 must also have the college Dean of Student Services/Development's approval. Testing may be required depending on course(s) taken.
<b>Written agreement between MCC and High School?</b>	Yes	Yes	Yes	No	No
<b>Is high school credit given?</b>	Yes	Yes	Yes	Yes	No
<b>When is college credit earned?</b>	Immediately upon completion of the course.	Immediately upon completion of the course.	After, as an MCC student, earning 15 hours of MCC credit with at least one course in the technical area.	Upon completion of qualifications noted above and enrollment in MCC program to which the credit is tied	Immediately upon completion of the course.
<b>Are credits transferable to other colleges or universities?</b>	Credits transfer the same as other MCC college credits according to transfer agreements with other postsecondary institutions.	Credits transfer to all public colleges in and to all but a very small number of private colleges in the state. Public institutions must accept at least 5 dual credit courses and may accept more.	Credits transfer the same as other MCC college credits according to transfer agreements with other postsecondary institutions.	Credits transfer the same as other MCC college credits according to transfer agreements with other postsecondary institutions.	Credits earned through regular college enrollment transfer the same as other MCC college credits according to transfer agreements with other postsecondary institutions.

## **Counseling and Guidance Services**

The Guidance and Counseling Program is an integral part of the total education program. Based on individual, family, school and community needs, the guidance program is delivered through the guidance curriculum, individual planning system, responsive services, and system support. The Guidance and Counseling Program is responsible for assisting all students in developing:

- The knowledge, understanding, and acceptance of self and others.
- The skills necessary for effective career exploration and planning.
- The competencies needed for educational and vocational development.

The Guidance and Counseling Program provides responsive services designed to aid individuals in resolving problems which prevent their healthy development or which require remedial attention. It provides a systematic plan to help each student monitor and direct his/her own educational, vocational, and personal development. Finally, the Guidance and Counseling Program includes system support activities designed to establish, maintain, and enhance the total program.

Guidance and counseling services are available in grades 9-12. There are full-time counselors in the high schools and freshman center Counseling Offices to assist students with their academic, career, and personal-social interests and concerns. In addition to counseling, resources are available concerning careers, colleges, and scholarships. Each student is encouraged to visit with his/her counselor. As part of the continuing guidance services offered to students upon graduation, exit surveys and one-year and five-year follow-up surveys are conducted. Information gathered includes documentation of graduate plans for the future. Surveys also provide information relative to graduates continuing the paths they initially planned. All surveys collect information on the quality of education provided and how helpful it was in preparing graduates for further education and careers.

## **Dual Credit**

Blue Springs high schools offer several dual credit courses through area colleges. Dual credit may be earned in high school and college if the student meets enrollment guidelines as established by the Missouri Coordinating Board for Higher Education (CBHE). Please visit <http://www.dhe.mo.gov/cbhe> for a complete description of eligibility guidelines. The student must apply to the college, be accepted, and pay a reduced fee for college credit to be awarded. **An overall GPA of 3.0 is required for all core classes (math, science, social studies, English, band, orchestra, choir, debate and forensics). A 2.5 overall GPA is required for non-core classes (Career Technical Classes).** For each course, the same course objectives are taught in the high school setting as in the college setting. Upon satisfactory completion of the course, the student may request that a transcript verifying the credit earned be sent to colleges of the student's choice. College credit courses are listed in the course description section. **It is the student's responsibility to check if the college in which they plan to enroll will accept the dual credit.**

## **Early Release - Class of 2013 Waiver of 8<sup>th</sup> Semester**

As per Missouri State Department of Elementary and Secondary Education graduation requirements, students are expected to complete eight (8) semesters of high school. If a student, for sound educational and vocational reasons, wishes to graduate from high school in less time than eight semesters may request a waiver of this policy. The student and his/her parent(s)/guardian(s) will consult with his/her high school counselor to develop a Personalized Plan of Study. A request for early

graduation must be a planned part of a student's educational program. The deadline for the early release application is November 1<sup>st</sup>. **Applications must be provided and submitted through your high school counselor.** Consider the following when applying for early release:

- Student's eligibility to receive Social Security benefits may be affected by an early release, since the student may no longer be considered a full-time student.
- Students enrolled in work release programs such as Marketing and/or Business Technology are ineligible for early release.
- Students leaving after the seventh semester may be eligible to receive their high school diploma with their graduating class. Graduating seniors who choose not to participate in the graduation ceremony may pick up their diplomas in the high school principal's office on the first school business day following the graduation ceremony.
- Students leaving after the seventh semester **will not** be eligible for a class ranking for the 8<sup>th</sup> semester.
- Students may not participate in activities regulated by the Missouri State High School Activities Association unless enrolled in 6 credit-earning classes and passing.
- Students who have been approved for full release and partial release options are eligible for local scholarships unless a specific scholarship would indicate the student is not eligible.
- It is the student's responsibility to stay in touch with the school in regard to important semester events (i.e. graduation rehearsal).
- Students and parents may want to check with their health and auto insurance company concerning coverage since the student may not be considered full time.
- A+ eligibility may be affected. Students and parents should consult with the A+ Coordinator in their building.
- All students must have taken the required End-Of-Course Assessments.

## **Library/Media Services**

Library Media Center services are available to all students in grades 9-12. A full-time library media specialist and support staff assist students during school hours. Our Library Media Centers feature the latest in technology.

Our goal is to provide the opportunity for all students to become effective users of information. Students are instructed on how to access information in a variety of formats – books, newspapers, periodicals, online databases, and the internet.

## **MCC-Blue River's Trailblazer Collegiate Academy**

### **Program Overview**

Are you a highly motivated high school student looking to reach your full potential? The Trailblazer Collegiate Academy will challenge you to complete your Associate's degree at the same time you're earning your high school diploma. It's challenging. It's fun. And it will make your investment in higher education more affordable.

### **Program Benefits**

- Curbs the rising costs of higher education
- Puts students on a fast track to a college degree
- Exposes students to a wider range of advanced-level classes
- Challenges students to push themselves further academically

## **Admissions Process**

- Request information pertaining to Trailblazer Academy. A packet will be sent containing application and parent information.
- Take ACT or Compass Placement test. Scores for Reading and English will be used for acceptance into program. Students must be able to read and write at college level. Students must have a minimum of 3.00 GPA.
- Fill out online MCC Application, as well as Trailblazer Academy packet. Included in application packet are the Academy application, parental support piece, FERPA release, three reference forms and four return envelopes.
- Attend a welcome event and meet faculty and staff assisting with the program. Students will participate in writing a proctored essay and planned interaction activities.

*Information sessions are held at your high school and on the MCC-Blue River campus at the high school and the MCC-Blue River*

**For more information, visit or call:**

**[www.mcckc.edu/blueriver](http://www.mcckc.edu/blueriver)**

**816.604.6400**

**MCC Blue River**

**20301 E. 78 Hwy**

**Independence, MO 64057**

**\*\*Students must check with the college or university they are planning on attending regarding transferability.**

## **Supportive Services**

In accordance with the Individuals with Disabilities Education Act (IDEA), the Blue Springs School District provides a continuum of supportive services for eligible students identified as needing special education services. Students are determined eligible under IDEA in the following disability categories:

Autism  
Deaf/Blindness  
Emotional Disturbance  
Hearing Impairment and Deafness  
Mental Retardation/Intellectual Disability  
Multiple Disabilities  
Orthopedic Impairment  
Other Health Impairment  
Specific Learning Disabilities  
Speech and/or Language Impairment  
Traumatic Brain Injury  
Visual Impairment/Blind  
Young Child with a Developmental Delay

Special education services are determined during the student's Individualized Education Program (IEP) review. Course enrollment is dependent upon the student's special education and supportive services needs. Please contact your student's counselor or special education process coordinator with questions regarding enrollment and supportive services.

## **ASSESSMENT INFORMATION**

Standardized tests are designed to give a common measure of students' performance. These assessments help compare an individual's performance with the performance of a group of students from a given class, school, or school system. Since large numbers of students throughout the country take the same test, "standards" can be developed to show whether school programs are succeeding and how students are performing. Standardized achievement tests measure how much students have already learned about school subjects such as reading, math, language skills, spelling, or science. On the other hand, standardized aptitude tests measure your student's ability to learn in school. They measure verbal ability, mechanical ability, creativity, clerical ability, or abstract reasoning.

### **ACT (American College Testing Program)**

The ACT is a battery of four examinations in English, math, reading, and science reasoning, each of which yield separate scores measuring developed abilities. The ACT is required by many colleges as part of the application process for admission.

### **Advanced Placement (AP) Testing**

Students enrolled in AP courses are strongly encouraged to complete the AP examination for which the course has prepared them. Cost of the examination will be paid by the student. Information is available from the teachers of the AP courses. Each college or university determines which of these examination scores it will accept. It is important for students to have accurate information from the school they plan to attend regarding the acceptance of AP credit.

### **ASVAB (The Armed Services Vocational Aptitude Battery)**

The ASVAB measures students' strengths and potential for future success. The ASVAB also provides career information for various civilian and military occupations and is an indicator for success in future endeavors including college, vocational school and/or a military career.

### **College Level Exam Program (CLEP)**

There are two types of CLEP examinations. The first type is the General Examinations that measure achievement in the liberal arts areas of English composition, mathematics, natural sciences, social sciences, and history. The second is the Subject Examinations, which measure achievement in specific college-level courses. The examinations are comparable to a final exam in a particular undergraduate course. Each college or university determines which of these examination scores to accept. It is important for students to have accurate information from the school they plan to attend regarding the acceptance of CLEP credit. The cost per examination is paid by the student, and the student is responsible for arranging the test with the college's testing office.

### **COMPASS**

The COMPASS test is a computer-adaptive college placement test that helps the college evaluate incoming students' skill levels in reading, writing skills and math. The COMPASS test assists colleges in placing students in appropriate classes.

## **End of Course Assessment (EOC)**

End of Course assessments are required by the Missouri Department of Elementary and Secondary Education for various high school level classes.

## **PLAN (Preliminary American College Testing Program)**

PLAN is a two-hour version of the ACT given in the fall to interested sophomores. The PLAN provides practice for the ACT. It includes tests in English, mathematics, reading, and science reasoning. The test also provides a career interest inventory. It is a good tool for sophomores to use as they start planning for their postsecondary college and career options.

## **PSAT / NMSQT (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test)**

The PSAT/NMSQT measures verbal and mathematics reasoning skills important for academic success in college. It serves three purposes: gives the student practice for the SAT I; is the first step in qualifying for scholarships sponsored by the National Merit Scholarship Corporation and other scholarship programs; gives the student the opportunity to participate in the Student Search Service. This test is taken in the junior year for NMSQT qualification.

## **SAT (Scholastic Aptitude Test)**

SAT is a test used to predict student performance in college. Required by some schools as part of the application process, this three-hour test has three main sections—reading, math and writing.

## **Technical Skills Attainment (Assessment)**

Technical Skill Attainment (TSA) measures a student's competency level on a skill assessment aligned with industry-recognized standards. It is a requirement under The Perkins Act of 2006.

# **CAREER PLANNING**

## **Purpose of Career Paths and Career Clusters**

### **Career Paths**

Career paths are clusters of occupations/careers grouped according to participants' interests and talents or skills. All paths include a variety of occupations that require different levels of education and training. Thus, career paths provide a plan for all students, whatever their interests, abilities, talents or desired levels of education. Selecting a career path provides a student with an area of FOCUS, along with FLEXIBILITY and a VARIETY of ideas to pursue. The focus of career paths is on helping students choose a career path, not a specific occupation. Selecting a career path is not a lifelong commitment; it is a place to begin focusing one's energies. As students take different courses and learn more about themselves and careers, they will probably change career paths. Students who understand the career

paths concept will be aware that there are a variety of other related possibilities if the first path no longer fits them. If different career paths become more interesting, the students can reevaluate plans, make appropriate decisions, and revise their high school plans as necessary.

### **Benefits**

Deciding on a career path can assist you in exploring your interests and preparing for your future. The intent is not for you to decide on a specific occupation for the rest of your life, but to select a career path into which you can begin directing your energies. Identifying a career path can help you in selecting school courses, activities, and part-time employment. It can also help guide your participation in job shadowing, career exploration, and internships. A career path choice is not a permanent commitment. As you have new experiences, you learn new things about yourself and may decide to change career paths. If you decide on a different career path to explore, you should discuss it with your counselor and adjust your future course selections in accordance with your new career exploration.

### **Career Exploration Assessments**

Blue Springs R-IV students complete career exploration assessments starting in the 8<sup>th</sup> grade. This is a way the student can identify an initial career path choice. Counselors will then use this information to assist students in making course selections and developing a five-year plan. The PLAN test is administered in the 10<sup>th</sup> grade. It provides an inventory that will indicate which career clusters interest the student. This will help the student update his/her personal plan of study and career path.

### **Choosing a Career Path or Cluster**

1. Identify your interests, abilities, and talents.
2. Identify the career path or cluster that relates to your interests, abilities, and talents.
3. Explore occupations in those career paths or clusters.
4. Decide how much education you want to receive after high school.
5. Develop a personal plan of study by selecting courses and co-curricular activities that relate to your career educational and career goal.
6. If undecided regarding a career path or cluster, choose courses from different career areas to give you a better idea of your interests.

## **Career Planning Common Language**

### **Definition and Purpose:**

1. Guidance Grade Level Expectations (GLEs): The systematic, sequential and developmentally appropriate set of knowledge, skill and understanding for the K-12 guidance curriculum.
2. Life Career Development: Self-development over the life span through the integration of roles, settings, and events of a person's life.
3. Individual Planning: The process of on-going educational and career-planning services that helps all students develop personal plans of study organized around programs of study and their personal, career, and educational goals.
4. Personal Plan of Study (PPOS): A student's scope and sequence of coursework and related activities based upon their chosen Career Path or Career Cluster and their educational goals. Initiated in the eighth grade, it is designed to insure a successful postsecondary transition and is the key component of the Individual Planning process.
5. Program of Study (POS): Secondary-to-postsecondary sequences of academic and career education coursework, along with additional learning opportunities, that lead students to attain a postsecondary degree or industry-recognized certificate or credential.

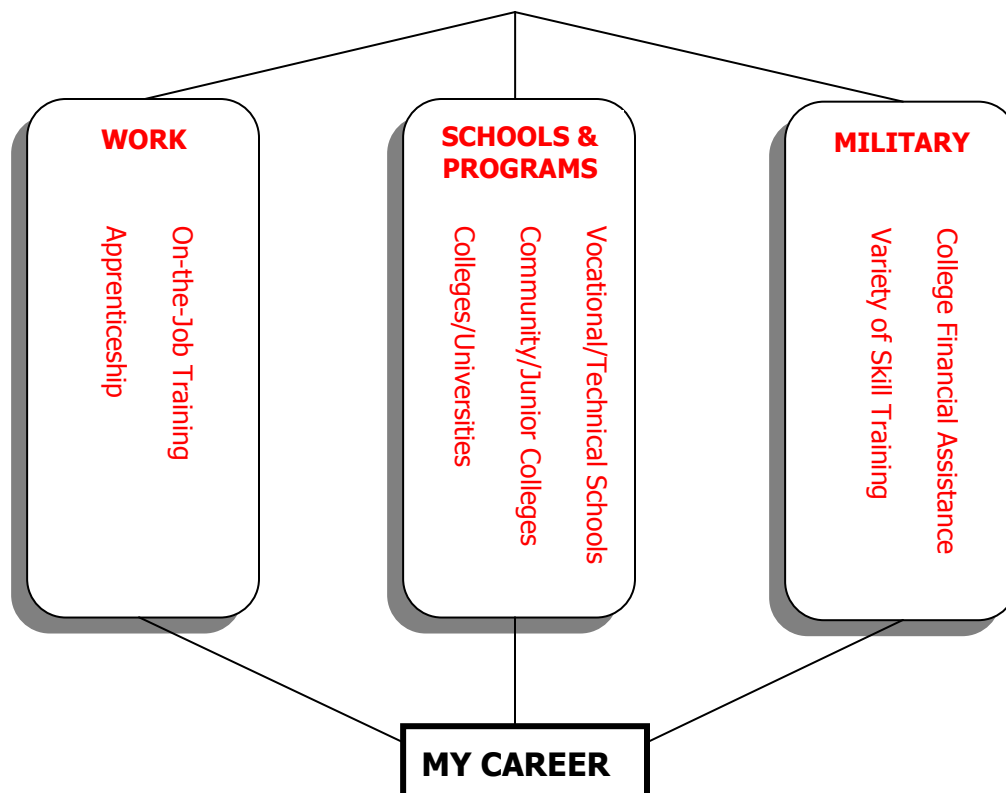
- a. Process: Missouri currently uses a 10-step process for the development of Programs of Study that is aligned with federal guidelines which includes creation of POS templates and secondary/postsecondary curriculum alignment. This process is currently under review at the state level.
- b. Template: The model or form developed by schools that lists courses, occupations and additional learning opportunities to help students develop their personal plan of study. The completion of the POS template does not infer that the POS process has been completed.
6. Career Paths (6) Clusters (16) Career Pathways (78): A progressive framework to organize the world of work and career information. The framework provides the structure to assist students in understanding the world of work, and to organize course and co-curricular offerings in the school.
7. Missouri Connections: A free web-based career and educational planning resource to help Missouri citizens determine their career interests, explore occupations, establish education plans, develop job search strategies, and create résumés.

## **Career Preparation**

### **CHOICES AFTER HIGH SCHOOL**



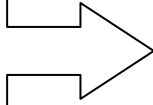
### **HIGH SCHOOL**



## Career Paths Clusters



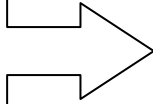
**Arts and  
Communication**



Arts  
A/V Technology & Communications



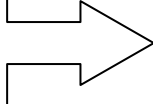
**Business,  
Management &  
Technology**



Business, Management & Administration  
Finance  
Information Technology  
Marketing, Sales and Service



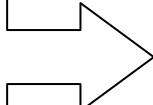
**Health Services**



Health Science



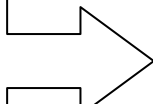
**Human Services**



Education & Training  
Government & Public Administration  
Hospitality & Tourism  
Human Services  
Law, Public Safety & Security



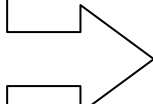
**Industrial &  
Engineering  
Technology**



Architecture & Construction  
Manufacturing  
Science, Technology, Engineering & Mathematics  
Transportation, Distribution & Logistics



**Natural  
Resources/  
Agriculture**



Agriculture, Food & Natural Resources

## The Sixteen Career Clusters

	<p>The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.</p>
	<p>Careers in designing, planning, managing, building and maintaining the built environment.</p>
	<p>Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.</p>
	<p>Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.</p>
	<p>Planning, managing and providing education and training services, and related learning support services.</p>
	<p>Planning, services for financial and investment planning, banking, insurance, and business financial management.</p>
	<p>Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.</p>
	<p>Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.</p>
	<p>Hospitality &amp; Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.</p>
	<p>Preparing individuals for employment in career pathways that relate to families and human needs.</p>

	<p>Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.</p>
	<p>Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.</p>
	<p>Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.</p>
	<p>Planning, managing, and performing marketing activities to reach organizational objectives.</p>
	<p>Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.</p>
	<p>Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.</p>

## About

Sponsored by the Missouri Department of Elementary and Secondary Education, the Missouri Connections system provides students (grades 6-20), their parents, counselors, and educators with educational and career planning information and resources **at no charge**.

The comprehensive Internet-based system, customized specifically for Missouri, offers:

- Career Path, Cluster, and Pathway Exploration
- Career Assessment and Direction
- Educational and Occupational Planning
- Job Preparation and Management
- Career Guidance and Placement



## Features

The comprehensive Missouri Connections system combines the successful platform of the intoCareers Career Information System including its research-based career assessments, portfolio development, and educational and occupational exploration resources, with Missouri-specific information and tools.

### Key System Features:

- Interactive exploration tool on Missouri's career paths, clusters, and pathways
- Video room with videos on the 16 Career Clusters
- Reliable career assessments on interests, skills, and work values
- Planning timeline of suggested sequences for education and career planning events
- Education Planner to develop Personal Plans of Study of coursework and postsecondary plans
- Links to Missouri-specific information such as Hot Careers in Missouri, Missouri College Admissions Criteria, and MissouriCareerSource.com
- Parental resources to get parents and family members involved in the career planning process
- Administrative Database Management System for educators to manage and monitor individual system progress and generate real-time reports for accountability requirements

## Get Started

To learn more and to get started, visit MissouriConnections.org today. For log-in information or other assistance, contact your local school or Missouri Connections customer support at 573.634.0043 or jcoleman@motrainer.com.

Missouri Connections is powered by intoCareers, College of Education, University of Oregon  
975 High Street • Eugene, OR 97401 • 888.348.6247 • cishelp@uoregon.edu

# Blue Springs School District Personal Plan of Study – Template



## CAREER PATH: Arts & Communications

**CAREER CLUSTER:** (Circle 1) Arts, A/V Technology and Communications

**CAREER PATHWAYS:** Audio and Video Technology and Film, Journalism and Broadcasting, Printing, Telecommunications, Performing Arts, Visual Arts

**RELATED OCCUPATIONS:** Animator, Audio-Visual Systems Technician, Computer Artist, Sound Engineering Technician, Broadcast News Analyst, Editor, Radio Announcer, Reporter, Writer, Desktop Publishing Specialist, Network Technician, Telecommunications Specialist, Actor/Actress, Director, Musician, Singer, Artist, Commercial Artist, Fashion Designer, Graphic Designer, Interior Designer. For more information visit [www.missouriconnections.org](http://www.missouriconnections.org) and/or [www.bssd.net](http://www.bssd.net)

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		9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
		High School		English I, English I Lit & Comp or English A	English II, World Lit & Comp or English B
	Algebra A, Algebra I, Algebra Concepts or Geometry		Algebra B, Geometry, Tech Geometry, Geometry Concepts or Algebra II	3 <sup>rd</sup> Math	
	Physical Science or Accelerated Physical & Biological Science		Biology I, Pre-AP Biology or General Biology	3 <sup>rd</sup> Science	
	Geography & American Government or Advanced Government and Political Analysis		World History or AP European History	US History, AP US History or American History 101 & American History 102	
	PE / Health		PE		
					Personal Finance or Personal Finance Fundamentals
Additional requirements to those listed above are: 1 credit Practical Art; 1 credit Fine Art; 7 credits electives (must include ½ credit in technology and ½ credit in a speech class) for a total of 24 credits. There may be additional courses that fulfill requirements such as Supportive Services.					

Career Major Coursework					
High School	<b>ART</b> Design Fundamentals Art History Drawing I, II Painting I, II Photography I, II 3D Design Ceramics I, II Portfolio I, II <b>BUSINESS &amp; TECHNOLOGY</b> Introduction to Business Computer Applications Graphic Design Video Production & Broadcasting I Video Production & Broadcasting II	<b>ENGLISH LANGUAGE ARTS</b> Journalism Yearbook I / II Newspaper I / II Debate Forensics Theatre / Directing Communications I English 110 / 214 / AP Introduction to College Writing Modern Literature Creative Writing I / II Modern Non-Fiction <b>FCS</b> Discovering FCS Housing Environments & Design Fashion & Apparel I / II Culinary Skills I/II	<b>FOREIGN LANGUAGE</b> Two years same language, minimum <b>INDUSTRIAL/TECHNICAL EDUCATION</b> General Metals Metals Technology Drafting Fundamentals I Mechanical Drawing I / II Architectural Drawing CAD I & II General Woodworking I / II Advanced Woodworking <b>MATHEMATICS</b> Pre AP / AP Calculus Trigonometry College Statistics College Algebra Prep/College Algebra College Business Calculus Advanced Algebra	<b>ENGINEERING – PLTW</b> Introduction to Engineering Principles of Engineering <b>MUSIC</b> Band/Orchestra/Choir Music Theory/AP Music Theory Music Appreciation <b>SCIENCE</b> Chemistry I / II or Pre AP / AP Chem Physics / AP Physics Environmental Science <b>SOCIAL STUDIES</b> Contemporary Issues Economics Psychology Sociology I & II	
	Postsecondary	<b>Area Career Center available Jr/Sr years</b> <input type="checkbox"/> Computer Assisted Design Tech <input type="checkbox"/> Construction Trades Tech <input type="checkbox"/> Entrepreneurial Studies <input type="checkbox"/> Horticulture & Landscape Mgmt	<b>Community College</b> <input type="checkbox"/> Desktop Publishing <input type="checkbox"/> Drafting <input type="checkbox"/> Graphic Design <input type="checkbox"/> Printing Technology <input type="checkbox"/> TV/Radio Broadcasting <input type="checkbox"/> Telecommunications	<b>College/University</b> <input type="checkbox"/> Art History <input type="checkbox"/> Education <input type="checkbox"/> Electronic Engineering <input type="checkbox"/> Fashion Design <input type="checkbox"/> Journalism <input type="checkbox"/> Music <input type="checkbox"/> Stage Management	<b>Other</b> <input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
		Career Enhancement Options	<b>Work-based Learning Opportunities</b> After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning Supervised Employment	<b>Relevant High School Intra-Curricular/Co-Curricular Experiences</b> Career and Technical Student Organization: <input type="checkbox"/> FCCLA <input type="checkbox"/> FBLA Other high school activities: <input type="checkbox"/> Art Club <input type="checkbox"/> Video Club <input type="checkbox"/> Quill & Scroll Club <input type="checkbox"/> Literary Allusions <input type="checkbox"/> Mind's Eye <input type="checkbox"/> Drama Club	

# Blue Springs School District Personal Plan of Study – Template



## CAREER PATH: Business, Management & Technology

**CAREER CLUSTER:** (Circle 1) Information Technology, Marketing, Business Management & Administration, Finance

**CAREER PATHWAYS:** Network Systems, Web and Digital Communications, Programming and Software Development, Information Support and Services, Marketing Management, Professional Sales, Merchandising, Marketing Communications, Marketing Research, General Management, Human Resources Management, Business Information Management, Administration Support, Operations Management, Securities and Investments, Business Finance, Banking Services, Insurance, Accounting

**RELATED OCCUPATIONS:** Business Consultant, Human Resources Manager, Office Manager, Buyer/Planner, Budget Analyst, Entrepreneur, Receptionist, Accountant, Investment Advisor, Economist, Adjuster, Credit Analyst, Underwriter, Computer Programmer, Computer /Information Systems Manager, Network Systems Analyst, Technical Writer, Game Programmer, 3-D Animator, Web Designer, Information Technology Engineer, Advertising/Marketing Manager, Franchisee, Merchandise Buyer, Real Estate Agent, Public Relations Director, Sales Manager. For more information visit: [www.missouriconnections.org](http://www.missouriconnections.org) and/or [www.bssd.net](http://www.bssd.net)

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High School

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
	English I, English I Lit & Comp or English A	English II, World Lit & Comp or English B	English II, AP English Language or English C	English IV or equivalent course(s), or English D
	Algebra A, Algebra I, Algebra Concepts or Geometry	Algebra B, Geometry, Tech Geometry, Geometry Concepts or Algebra II	3 <sup>rd</sup> Math	
	Physical Science or Accelerated Physical & Biological Science	Biology I, Pre-AP Biology or General Biology	3 <sup>rd</sup> Science	
	Geography & American Government or Advanced Government and Political Analysis	World History or AP European History	US History, AP US History or American History 101 & American History 102	
	PE / Health	PE		
				Personal Finance or Personal Finance Fundamentals
Additional requirements to those listed above are: 1 credit Practical Art; 1 credit Fine Art; 7 credits electives (must include ½ credit in technology and ½ credit in a speech class) for a total of 24 credits. There may be additional courses that fulfill requirements such as Supportive Services.				

**Career Major Coursework**

<b>High School</b>	<b>ART</b> Art History <b>BUSINESS &amp; TECHNOLOGY</b> Computer Applications Advanced Computer Applications Graphic Design Introduction to Business AP Computer Science Video Production & Broadcasting I Video Production & Broadcasting II Sports & Entertainment Marketing Business & Personal Law Accounting I Accounting Principles I	Marketing I / II Marketing Principles 205 Business Technology / Word Processing Business Technology-Work Release Entrepreneurship <b>ENGLISH LANGUAGE ARTS</b> Journalism Yearbook I / II Newspaper I / II Communications I English IV English 110 / 214 AP English	<b>FOREIGN LANGUAGE</b> Two years same language, minimum <b>MATHEMATICS</b> Pre AP/AP Calculus College Algebra Prep/College Algebra College Trigonometry College Statistics College Business Calculus <b>MUSIC</b> Band/Orchestra/Choir <b>OTHER</b> Agricultural Science I / II Principles of Animal Science Intro to Veterinary Technology	<b>ENGINEERING-PLTW</b> Introduction to Engineering Design Principles of Engineering Digital Electronics Engineering Design and Development <b>ROTC</b> Aerospace 100, 150, 200, 300, 400, 500 <b>SCIENCE</b> Chemistry I / II or Pre AP / AP Chem Physics / AP Physics <b>SOCIAL STUDIES</b> Economics Psychology Sociology I & II	
	<b>Postsecondary</b>	<b>Area Career Center available Jr/Sr years</b>	<b>Community College</b>	<b>College/University</b>	<b>Other</b>
		<input type="checkbox"/> Career & Technology Center <input type="checkbox"/> Computer Aided Design Technology <input type="checkbox"/> Computer Support Specialist <input type="checkbox"/> Entrepreneurial Studies <input type="checkbox"/> Summit Technology Academy <input type="checkbox"/> Network Security <input type="checkbox"/> IT Essentials <input type="checkbox"/> Computer Integrated Manufacturing	<input type="checkbox"/> Accounting <input type="checkbox"/> Business Administrative Systems <input type="checkbox"/> Business Systems Technology <input type="checkbox"/> Data Management <input type="checkbox"/> Management	<input type="checkbox"/> Accounting <input type="checkbox"/> Business or Administrative Management <input type="checkbox"/> Business Communication <input type="checkbox"/> Business Education <input type="checkbox"/> Education <input type="checkbox"/> Entrepreneurship <input type="checkbox"/> Human Resources Management <input type="checkbox"/> International Business <input type="checkbox"/> Management <input type="checkbox"/> Office Information Systems <input type="checkbox"/> Production and Operation Mgmt <input type="checkbox"/> Public Affairs	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
<b>Career Enhancement Options</b>	<b>Work-based Learning Opportunities</b>	<b>Relevant High School Intra-Curricular/Co-Curricular Experiences</b>		<b>Exams</b>	
	After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning	Career and Technical Student Organization: <input type="checkbox"/> FBLA <input type="checkbox"/> DECA <input type="checkbox"/> FCCLA		___ U.S. Constitution ___ MO Constitution ___ PLAN ___ PSAT ___ ACT ___ COMPASS	

# Blue Springs School District Personal Plan of Study – Template



## CAREER PATH: Health Services

**CAREER CLUSTER:** Health Sciences

**CAREER PATHWAYS:** (Circle 1) Biotechnology Research & Development, Therapeutic Services, Diagnostics Services, Health Services, Support Services

**RELATED OCCUPATIONS:** Anesthesiologist, Athletic Trainer, Dentist, Dental Hygienist, Occupational Therapist, Paramedic, Pharmacist, Physical Therapist, Physician, Radiologist, Surgeon, Geneticist, Medical Lab Technician, Microbiologist, Medical Scientist, Cardiologist Technician, Health Care Administrator, Medical Social Worker, Biomedical/Clinical Engineer, Medical Equipment Repair. For more information visit: [www.missouriconnections.org](http://www.missouriconnections.org) and/or [www.bssd.net](http://www.bssd.net)

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		9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>High School</b>		English I, English I Lit & Comp or English A	English II, World Lit & Comp or English B	English II, AP English Language or English C	English IV or equivalent course(s), or English D
		Algebra A, Algebra I, Algebra Concepts or Geometry	Algebra B, Geometry, Tech Geometry, Geometry Concepts or Algebra II	3 <sup>rd</sup> Math	
		Physical Science or Accelerated Physical & Biological Science	Biology I, Pre-AP Biology or General Biology	3 <sup>rd</sup> Science	
		Geography & American Government or Advanced Government and Political Analysis	World History or AP European History	US History, AP US History or American History 101 & American History 102	
		PE / Health	PE		
					Personal Finance or Personal Finance Fundamentals
	Additional requirements to those listed above are: 1 credit Practical Art; 1 credit Fine Art; 7 credits electives (must include ½ credit in technology and ½ credit in a speech class) for a total of 24 credits. There may be additional courses that fulfill requirements such as Supportive Services.				

		<b>Career Major Coursework</b>			
<b>High School</b>		<b>ART</b> Art History <b>BUSINESS &amp; TECHNOLOGY</b> Computer Applications Graphic Design Introduction to Business Business & Personal Law Accounting I Principles of Accounting I <b>ENGLISH LANGUAGE ARTS</b> English IV English 110 / 214 AP English	<b>FCS</b> Child Development Nutrition and Wellness <b>FOREIGN LANGUAGE</b> Two years same language, minimum <b>MATHEMATICS</b> Pre AP / AP Calculus College Algebra Prep/College Algebra College Trigonometry College Statistics <b>MUSIC</b> Band/Orchestra/Choir Music Appreciation	<b>OTHER</b> Agriculture Science I/II Principles of Animal Science Intro to Veterinary Technology <b>PHYSICAL EDUCATION</b> Physical Fitness Fitness & Wellness Aerobics & Weightlifting Aerobics Plus <b>BIOMEDICAL-PLTW</b> Principles of Biomedical Science Human Body Systems Medical Interventions Biomedical Innovations	<b>ROTC</b> Aerospace 100, 150, 300, 400, 500 <b>SCIENCE</b> Pre-AP / AP Biology Chemistry I / II or Pre-AP / AP Chemistry Physics / AP Physics Microbiology Anatomy & Physiology CSI-Conducting Science Investigations <b>SOCIAL STUDIES</b> Sociology I & II Psychology Economics Contemporary Issues
	<b>Postsecondary</b>	<b>Area Career Center available Jr/Sr years</b>	<b>Community College</b>	<b>College/University</b>	<b>Other</b>
	<b>CTC</b> <input type="checkbox"/> Emergency Medical Technician <input type="checkbox"/> Fire Science Technology <input type="checkbox"/> Health Occupations <b>Summit Technology</b> <input type="checkbox"/> Introduction to Health Science & Biotechnology <input type="checkbox"/> Pre-Nursing Center of Excellence	<input type="checkbox"/> Biotechnology <input type="checkbox"/> Dental Assistant <input type="checkbox"/> Dental Hygienist <input type="checkbox"/> EMT/Paramedic <input type="checkbox"/> Health Information Technology <input type="checkbox"/> Licensed Practical Nurse <input type="checkbox"/> Mortuary Science <input type="checkbox"/> Occupational Therapy Assisting <input type="checkbox"/> Physical Therapist Assistant <input type="checkbox"/> Professional Nursing <input type="checkbox"/> Radiology Technologist <input type="checkbox"/> Respiratory Care <input type="checkbox"/> Surgical Technology	<input type="checkbox"/> Athletic Training <input type="checkbox"/> Biologist <input type="checkbox"/> Dentist <input type="checkbox"/> Dietetics <input type="checkbox"/> Education <input type="checkbox"/> Healthcare Administration <input type="checkbox"/> Pharmacist <input type="checkbox"/> Physical Therapy <input type="checkbox"/> Physician <input type="checkbox"/> Registered Nursing <input type="checkbox"/> Social Work <input type="checkbox"/> Veterinary Science	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training	
<b>Career Enhancement Options</b>	<b>Work-based Learning Opportunities</b>	<b>Relevant High School Intra-Curricular/Co-Curricular Experiences</b>		<b>Exams</b>	
	After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning	Career and Technical Student Organization: <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA  Other high school activities: <input type="checkbox"/> Pre-Professional Club <input type="checkbox"/> HOSA		___ U.S. Constitution ___ MO Constitution ___ PLAN ___ PSAT ___ ACT ___ COMPASS	

# Blue Springs School District Personal Plan of Study – Template



## CAREER PATH: Human Services

**CAREER CLUSTER:** (Circle 1) Human Services, Hospitality & Tourism, Government & Public Administration, Law, Public Safety, Corrections & Security, Education & Training

**CAREER PATHWAYS:** Early Childhood Development & Services, Counseling & Mental Health Services, Family & Community Services, Personal Care Services, Consumer Services, Restaurants & Food Beverage Services, Recreation, Amusement & Attractions, Travel & Tourism, Public Management & Administration, Governance, National Security, Foreign Service, Revenue & Taxation, Correction Services, Emergency & Fire Management Services, Security & Protective Services, Law Enforcement Services, Legal Services, Administration & Support, Professional Support Services, Teaching & Training

**RELATED OCCUPATIONS:** Childcare Facility Director, Sociologist, Substance Abuse Counselor, Social Worker, Fitness Trainer, Hairdresser, Massage Therapist, Insurance Representative, Emergency Medical Technician, Firefighter, Forensic Science Technician, Criminal Investigator, Police Officer, Corrections Officer, Attorney, Judge, Legal Assistant, Court Reporter, City Manager, Assessor, Tax Attorney, Combat Aircraft Pilot, Intelligence Agent, Aviation Officer, Bank Examiner, Legislator, Chef, Food Service Manager, Travel Agent, Director Sales and Marketing, Counselor, Psychologist, Teacher. For more information visit: [www.missouriconnections.org](http://www.missouriconnections.org) and/or [www.bssd.net](http://www.bssd.net)

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		9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
High School		English I, English I Lit & Comp or English A	English II, World Lit & Comp or English B	English II, AP English Language or English C	English IV or equivalent course(s), or English D
		Algebra A, Algebra I, Algebra Concepts or Geometry	Algebra B, Geometry, Tech Geometry, Geometry Concepts or Algebra II	3 <sup>rd</sup> Math	
		Physical Science or Accelerated Physical & Biological Science	Biology I, Pre-AP Biology or General Biology	3 <sup>rd</sup> Science	
		Geography & American Government or Advanced Government and Political Analysis	World History or AP European History	US History, AP US History or American History 101 & American History 102	
		PE / Health	PE		
					Personal Finance or Personal Finance Fundamentals
	Additional requirements to those listed above are: 1 credit Practical Art; 1 credit Fine Art; 7 credits electives (must include ½ credit in technology and ½ credit in a speech class) for a total of 24 credits. There may be additional courses that fulfill requirements such as Supportive Services.				

Career Major Coursework					
High School	<b>BUSINESS &amp; TECHNOLOGY</b> Introduction to Business Computer Applications Advanced Computer Applications Graphic Design Video Production & Broadcasting I Video Production & Broadcasting II Business & Personal Law Business Technology Marketing I & II /Sports Entertainment & Marketing Entrepreneurship Accounting I Accounting Principles I <b>ENGLISH LANGUAGE ARTS</b> Journalism Photojournalism Yearbook I / II Newspaper I / II	Debate I, II, III, IV Forensics I, II, III, IV Theatre Study Advanced Theatre Study English 110 / 214 / AP Creative Writing I / II Communications I Modern Non-fiction <b>FCS</b> Discovering FCS Nutrition and Wellness Culinary Skills I / II World Foods Child Development Child Care & Guidance Housing Environments & Design Family Relations Fashion and Apparel I / II	<b>FOREIGN LANGUAGE</b> Two years same language, minimum <b>INDUSTRIAL/TECHNICAL EDUCATION</b> Home Maintenance & Repair <b>MATHEMATICS</b> Pre-AP / AP Calculus College Statistics College Algebra College Trigonometry <b>MUSIC</b> Band/Orchestra/Choir <b>NAIL TECH</b> <b>PHYSICAL EDUCATION</b> Recreational Sports Outdoor Education Social Dance <b>OTHER</b> Cadet Exploratory Teaching	<b>ROTC</b> Aerospace 100, 150, 200, 300,400, 500 <b>SCIENCE</b> CSI-Conducting Science Investigations Chemistry I / II or Pre AP / AP Chemistry Pre AP / AP Biology Physics I / AP Physics Microbiology Anatomy & Physiology <b>SOCIAL STUDIES</b> World Religions Sociology I & II Psychology Contemporary Issues Economics Global Issue Minorities in American History	
	Postsecondary	<b>Area Career Center available Jr/Sr years</b> <input type="checkbox"/> Emergency Medical Technician <input type="checkbox"/> Entrepreneurial Studies <input type="checkbox"/> Fire Science <input type="checkbox"/> Health Occupations <input type="checkbox"/> Horticulture/Landscape Mgmt. <input type="checkbox"/> Intro to Health Science & Biotech <input type="checkbox"/> Pre-Nursing Program	<b>Community College</b> <input type="checkbox"/> Family Services & Child Development <input type="checkbox"/> Mortuary Science <input type="checkbox"/> Psychology <input type="checkbox"/> Sociology <input type="checkbox"/> Sales & Customer Services	<b>College/University</b> <input type="checkbox"/> Early Childhood Education <input type="checkbox"/> Education <input type="checkbox"/> Elementary Education <input type="checkbox"/> Industrial Organizational Psychology <input type="checkbox"/> Marriage & Family Counseling <input type="checkbox"/> Social Work <input type="checkbox"/> Sociology	<b>Other</b> <input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
		<b>Work-based Learning Opportunities</b> After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning	<b>Relevant High School Intra-Curricular/Co-Curricular Experiences</b> Career and Technical Student Organization: <input type="checkbox"/> DECA <input type="checkbox"/> FCCLA <input type="checkbox"/> FBLA  Other high school activities: <input type="checkbox"/> FTA	<b>Exams</b> ___ U.S. Constitution ___ MO Constitution ___ PLAN ___ PSAT ___ ACT ___ COMPASS	
Career Enhancement Options					

# Blue Springs School District Personal Plan of Study – Template



## CAREER PATH: Industrial & Engineering Tech

**CAREER CLUSTER:** (Circle 1) Transportation, Distribution & Logistics, Science, Technology, Engineering & Mathematics, Manufacturing, Architecture & Construction

**CAREER PATHWAYS:** Transportation Operations, Logistics, Planning & Management Services, Warehousing & Distribution Center Operations, Facility & Mobile Equipment Maintenance, Transportation Systems & Infrastructure Planning, Management & Regulation, Health, Safety & Environmental Management, Sales & Services, Engineering & Technology, Science & Math, Production, Manufacturing Production Process Development, Health, Safety & Environmental Assurance, Quality Assurance, Maintenance, Installation & Repair, Logistics & Inventory Control, Design & Construction, Maintenance & Operations

**RELATED OCCUPATIONS:** Chemical Engineer, Civil Engineer, Electrical Engineer, Mining Engineer, Nuclear Engineer, CAD Operator, Economist, Geologist, Math Teacher, Science Teacher, Zoologist, Pilot Air Traffic Controller, Logistician, Aircraft Mechanic, Automobile Service Technician, Industrial Health & Safety Engineer, Sales Manager, Design Engineer, Electronic Engineer, Inspector, Machinist, Welder, Architect, Carpenter. For more information visit: [www.missouriconnections.org](http://www.missouriconnections.org) and/or [www.bssd.net](http://www.bssd.net)

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		9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>High School</b>		English I, English I Lit & Comp or English A	English II, World Lit & Comp or English B	English II, AP English Language or English C	English IV or equivalent course(s), or English D
		Algebra A, Algebra I, Algebra Concepts or Geometry	Algebra B, Geometry, Tech Geometry, Geometry Concepts or Algebra II	3 <sup>rd</sup> Math	
		Physical Science or Accelerated Physical & Biological Science	Biology I, Pre-AP Biology or General Biology	3 <sup>rd</sup> Science	
		Geography & American Government or Advanced Government and Political Analysis	World History or AP European History	US History, AP US History or American History 101 & American History 102	
		PE / Health	PE		
					Personal Finance or Personal Finance Fundamentals
	Additional requirements to those listed above are: 1 credit Practical Art; 1 credit Fine Art; 7 credits electives (must include ½ credit in technology and ½ credit in a speech class) for a total of 24 credits. There may be additional courses that fulfill requirements such as Supportive Services.				

<b>Career Major Coursework</b>				
<b>High School</b>	<b>ART</b> Design Fundamentals Art History Drawing I, II Painting I, II Photography I, II 3D Design Ceramics I, II Portfolio I, II <b>BUSINESS &amp; TECHNOLOGY</b> Computer Applications Graphic Design <b>ENGLISH LANGUAGE ARTS</b> English IV English 110 / 214 AP English	<b>FOREIGN LANGUAGE</b> Two years same language, minimum <b>INDUSTRIAL/TECHNICAL EDUCATION</b> General Metals Metals Technology Drafting Fundamentals Mechanical Drawing I / II Architectural Drawing CAD I & II General Woodworking I / II Advanced Woodworking Small Engine Repair Home Maintenance & Repair Construction Technology	<b>MATHEMATICS</b> Pre AP/AP Calculus College Algebra College Trigonometry College Statistics College Business Calculus <b>MUSIC</b> Band/Orchestra/Choir <b>ENGINEERING-PLTW</b> Introduction to Engineering Design Principles of Engineering Digital Electronics Engineering Design & Development	<b>ROTC</b> Aerospace 100, 150, 200, 300, 400, 500 <b>SCIENCE</b> Chemistry I / II or Pre AP / AP Chem Physics / AP Physics CSI-Conducting Science Investigations Biology Pre-AP Biology / AP Biology <b>SPEECH</b> Communications I
	<b>Postsecondary</b>	<b>Area Career Center available Jr/Sr years</b>	<b>Community College</b>	<b>College/University</b>
	<input type="checkbox"/> Advanced Networking Admin. <input type="checkbox"/> Auto Collision Technology <input type="checkbox"/> Auto Mechanics Technology <input type="checkbox"/> Construction Trades Technology <input type="checkbox"/> Computer Support Services <input type="checkbox"/> Horticulture & Landscape Mgmt. (Summit) <input type="checkbox"/> Intro to Health Science & Biotech <input type="checkbox"/> IT Essentials I and II <input type="checkbox"/> Computer Integrated Manufacturing	<input type="checkbox"/> Audio Engineering Technology <input type="checkbox"/> Automotive Technology <input type="checkbox"/> Construction Management <input type="checkbox"/> Drafting and CAD <input type="checkbox"/> Electronics Technology <input type="checkbox"/> Engineering Technology <input type="checkbox"/> HVAC-R <input type="checkbox"/> Housing & Interior Design <input type="checkbox"/> Land Surveying <input type="checkbox"/> Power Plant Operations <input type="checkbox"/> Railroad Operations	<input type="checkbox"/> Architecture <input type="checkbox"/> Civil Engineering <input type="checkbox"/> Construction Management <input type="checkbox"/> Education <input type="checkbox"/> Electrical Engineering <input type="checkbox"/> Industrial Technology <input type="checkbox"/> Urban Planning	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
<b>Career Enhancement Options</b>	<b>Work-based Learning Opportunities</b>	<b>Relevant High School Intra-Curricular/Co-Curricular Experiences</b>		<b>Exams</b>
	After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning	Career and Technical Student Organization: <input type="checkbox"/> TSA <input type="checkbox"/> FBLA <input type="checkbox"/> Skills USA  Other high school activities: <input type="checkbox"/> Robotics		___ U.S. Constitution ___ MO Constitution ___ PLAN ___ PSAT ___ ACT ___ COMPASS

# Blue Springs School District Personal Plan of Study – Template



## CAREER PATH: Natural Resources / Agriculture

**CAREER CLUSTER:** (Circle 1) Agriculture, Food & Natural Resources

**CAREER PATHWAYS:** Agribusiness Systems, Animal Systems, Food Products & Processing Systems, Natural Resources & Environmental Services Systems, Power, Structural & Technical Systems, Plant Systems

**RELATED OCCUPATIONS:** Chemical Technician, Environmental Compliance Manager, Fisheries Manager, Forest Manager, Meteorologist, Agricultural Technologist, Biochemist, Food & Drug Inspector, Microbiologist, Agricultural Economist, International Agri-Marketing Specialist, Animal Geneticist, Veterinarian, Botanist, Landscape & Grounds manager, Tree Surgeon, Soil & Water Specialist. For more information visit: [www.missouriconnections.org](http://www.missouriconnections.org) and/or [www.bssd.net](http://www.bssd.net)

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		9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
		High School	English I, English I Lit & Comp or English A	English II, World Lit & Comp or English B	English II, AP English Language or English C
Algebra A, Algebra I, Algebra Concepts or Geometry	Algebra B, Geometry, Tech Geometry, Geometry Concepts or Algebra II		3 <sup>rd</sup> Math		
Physical Science or Accelerated Physical & Biological Science	Biology I, Pre-AP Biology or General Biology		3 <sup>rd</sup> Science		
Geography & American Government or Advanced Government and Political Analysis	World History or AP European History		US History, AP US History or American History 101 & American History 102		
PE / Health	PE				
				Personal Finance or Personal Finance Fundamentals	
Additional requirements to those listed above are: 1 credit Practical Art; 1 credit Fine Art; 7 credits electives (must include ½ credit in technology and ½ credit in a speech class) for a total of 24 credits. There may be additional courses that fulfill requirements such as Supportive Services.					

<b>Career Major Coursework</b>					
<b>High School</b>	<b>ART</b> Design Fundamentals I <b>BUSINESS &amp; TECHNOLOGY</b> Introduction to Business Computer Applications Advanced Computer Applications Graphic Design Marketing Entrepreneurship Accounting <b>ENGLISH LANGUAGE ARTS</b> Journalism English IV English 110 / 214 AP English	<b>FCS</b> Discovering FCS Nutrition and Wellness Culinary Skills I / II World Foods <b>FOREIGN LANGUAGE</b> Two years same language, minimum <b>INDUSTRIAL/TECHNICAL EDUCATION</b> Home Maintenance & Repair Small Engine Repair General Metals Construction Technology Metals Technology Drafting Fundamentals Mechanical Drawing I & II Architectural Drawing CAD I & II General Woodworking I / II Advanced Woodworking	<b>MATH</b> College Algebra College Trigonometry College Statistics Pre-AP / AP Calculus College Business Calculus <b>MUSIC</b> Band/Orchestra/Choir <b>OTHER</b> Agriculture Science I / II Principles of Animal Science Intro to Veterinary Technology Horticulture Landscaping <b>PHYSICAL EDUCATION</b> Physical Fitness Swimming Outdoor Education	<b>BIOMEDICAL-PLTW</b> Principles of Biomedical Science Human Body Systems Medical Interventions Biomedical Innovations <b>ROTC</b> Aerospace 100, 150, 200, 300, 400, 500 <b>SCIENCE</b> Pre AP / AP Biology Chemistry II or Pre AP / AP Chem Physics I / AP Physics Anatomy & Physiology CSI-Conducting Science Investigations Microbiology Environmental Science / AP Env Sci Geology Astronomy & Meteorology <b>SOCIAL STUDIES</b> Contemporary Issues Economics	
	<b>Postsecondary</b>	<b><i>Area Career Center available Jr/Sr years</i></b>	<b><i>Community College</i></b>	<b><i>College/University</i></b>	<b><i>Other</i></b>
		<b>Career &amp; Technology Center</b> <input type="checkbox"/> CAD Technology <input type="checkbox"/> Construction Trades <input type="checkbox"/> Health Occupations <input type="checkbox"/> Ag Productions <b>Summit Technology</b> <input type="checkbox"/> Digital Video Media <input type="checkbox"/> Pre-Professional Nursing	<input type="checkbox"/> Agricultural Business <input type="checkbox"/> Agricultural Mechanics <input type="checkbox"/> Biotechnology <input type="checkbox"/> Commercial Turf & Golf Course Management <input type="checkbox"/> Custom Application Technology <input type="checkbox"/> Equine Science <input type="checkbox"/> Farm Management <input type="checkbox"/> Horticulture <input type="checkbox"/> Natural Resources <input type="checkbox"/> Veterinary Technology	<input type="checkbox"/> Agricultural Business Management, Economics, Education, Journalism or Systems Management <input type="checkbox"/> Biochemistry <input type="checkbox"/> Fisheries and Wildlife <input type="checkbox"/> Food Science and Nutrition <input type="checkbox"/> Forestry <input type="checkbox"/> Hotel and Restaurant Management <input type="checkbox"/> Parks, Recreation, and Tourism <input type="checkbox"/> Plant Science <input type="checkbox"/> Soil and Atmospheric Sciences	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
<b>Career Enhancement Options</b>	<b><i>Work-based Learning Opportunities</i></b>	<b><i>Relevant High School Intra-Curricular/Co-Curricular Experiences</i></b>		<b><i>Exams</i></b>	
	After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning	Career and Technical Student Organization: <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> FBLA <input type="checkbox"/> HOSA		___ U.S. Constitution ___ MO Constitution ___ PLAN ___ PSAT ___ ACT ___ COMPASS	

# COLLEGE PLANNING CALENDAR

## JUNIOR YEAR PRE-COLLEGE CALENDAR AND CHECKLIST

<p><b>September</b> *Identify the sources of colleges and career information at your school. Start looking through guidance publications, college catalogs and guidebooks.</p> <p>*Put together a list of 10 colleges that you would like to attend. Plan to apply to at least 3-5 schools.</p> <p>*Talk to your parents and your high school counselor about where you want to go to college.</p> <p><b>October</b> *Take the PSAT/NMSQT</p> <p>*Attend college fairs.</p>	<p><b>November</b> *Contact the counseling office for registration materials and test dates for the ACT and SAT. You may register online for the ACT at <a href="http://www.act.org">www.act.org</a>.</p> <p><b>December</b> *Make plans to take college admission tests. Check with colleges as to which tests are required.</p> <p><b>February</b> *Select senior courses according to university or college requirements.</p> <p>*Look at options of taking the ACT.</p> <p>*Explore college choices.</p> <p><b>April</b> *Begin scheduling visits to each of the 3-5 schools that are on your final list.</p> <p>*Consider taking the Advanced Placement (AP) exams and SAT II while information is fresh in your mind.</p>	<p><b>May</b> *Obtain summer job.</p> <p>*Save money to pay for college costs. Begin researching financial aid on the internet or at public library.</p> <p>*Advanced Placement tests are given nationwide.</p> <p><b>June</b> *Look at options of taking ACT and set up college visits for the summer.</p>
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## SENIOR YEAR PRE-COLLEGE CALENDAR AND CHECKLIST

<p><b>August</b> *Review your career plans and decide which type of school is right for you.</p> <p>*Visit some college campuses.</p> <p>*Narrow your college list to no more than five schools.</p> <p>*Request catalogs and admissions information.</p> <p>*Contact the counseling office for registration materials and test dates for the SAT and/or the ACT.</p> <p><b>September</b> *Meet with admissions representatives who are visiting your school.</p> <p>*Make a list of test names, dates, fees and registration deadlines, and of deadlines for college admissions and financial aid applications.</p> <p>*Remember that you must take tests like the SAT and ACT at least six weeks before the deadline for scores to be submitted to colleges.</p> <p>*Ask teachers, guidance counselors and employers for letters of recommendation to include with your admissions and/or scholarship applications.</p> <p>*Develop a one page resume.</p> <p>*See counselor for websites.</p> <p>*Begin scholarship search; watch deadlines.</p>	<p><b>October</b> *Take the SAT or ACT exam, if necessary.</p> <p>*Work on admissions application.</p> <p>*Visit your top school choices. Interview some students, faculty and staff.</p> <p>*Attend special programs such as college fairs.</p> <p>*Apply for college admission.</p> <p>*Keep a chart of deadline dates.</p> <p><b>November</b> *Register for the SAT or ACT exam.</p> <p>*Work on applications. Check with colleges for dates materials must be postmarked.</p> <p><b>December</b> *Obtain information on scholarships.</p> <p><b>January</b> *Submit your completed Free Application for Federal Student Aid (FAFSA) to the processor as soon after January 1 as possible.</p> <p>*KEEP COPIES OF ALL FORMS YOU SUBMIT.</p> <p>January is Financial Aid Awareness Month. Look for special programs in your area.</p> <p><b>February</b> *Mail your FAFSA (Free Application for Federal Student Aid), if you have not already done so.</p> <p>*Rank your finalized list of colleges.</p> <p>*Continue scholarship search; watch deadlines!</p> <p>*Many local scholarships are due.</p>	<p><b>March</b> *Look for your Student Aid Report (SAR) in the mail. Your SAR contains federal financial aid information.</p> <p>*If you have not received your Student Aid Report four weeks after you sent in your FAFSA, contact the Federal Student Aid Information center at (319) 337-5665.</p> <p><b>April</b> *Watch the mail for college acceptance and financial aid award letters. Compare the financial aid awards you receive.</p> <p>*Make your final decision and send in a deposit by the deadline.</p> <p>*Check with the college you've chosen to attend about the details of signing and returning financial aid award letters.</p> <p>*Notify the other schools that you will not be attending.</p> <p>*Watch for important deadlines at your chosen college (housing, financial aid, etc.). Mail necessary deposits.</p> <p><b>May</b> *Advanced Placement examinations are given in high schools nationwide.</p> <p>*Finalize summer school or summer job plans.</p> <p>*Request final high school/college transcript to be sent to chosen college.</p>
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## COURSE LISTING - FOR ENROLLMENT PURPOSES

***FINAL COURSE OFFERINGS ARE DEPENDENT ON ENROLLMENT AND STAFF***

Course Number	Course Name	Prerequisites	Units of Credit	Grade Level
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### **AGRICULTURE**

FC6675	Agriculture Science I (Freshman Ctr. Only)		1	9
HS6676	Agriculture Science II	Ag Science I or teacher approval	1	10-12
HS6680	Introduction to Veterinary Technology (2 <sup>nd</sup> Sem only)	Ag Science II or teacher approval	1/2	11-12
HS6681	Horticulture (1 <sup>st</sup> Sem only)	Ag Science II or teacher approval	1/2	11-12
HS6682	Landscaping, Maintenance & Design (2 <sup>nd</sup> Sem only)	Ag Science II or teacher approval	1/2	11-12
HS6679	Principles of Animal Science (1 <sup>st</sup> Sem only)	Ag Science II or teacher approval	1/2	11-12

### **ART (Fine Arts Credit)**

HS0706	Design Fundamentals		1/2	9-12
HS0752	Drawing I	Design Fundamentals	1/2	9-12
HS0751	Art History		1/2	10-12
HS0758	3D Design	Design Fundamentals	1/2	10-12
HS0759	Ceramics I	Design Fundamentals, one addl. studio art class	1/2	10-12
HS0780	Ceramics II	Ceramics I w/ C+ grade	1/2	10-12
HS0753	Drawing II	Drawing I w/ C+ grade	1/2	10-12
HS0754	Painting I	Design Fund., Drawing I w/ C+ grade	1/2	10-12
HS0755	Painting II	Painting I w/ C+ grade	1/2	10-12
HS0756	Photography I	Design Fund., one addl. studio art class w/ C+ grade	1/2	10-12
HS0757	Photography II	Photography I w/ C+ grade	1/2	10-12
HS0782	Portfolio I & Special Projects	Design Fundamentals, 2 studio art classes, teacher recommendation	1/2	11-12
HS0783	Portfolio II	Portfolio I	1/2	11-12

<b>Course Number</b>	<b>Course Name</b>	<b>Prerequisites</b>	<b>Units of Credit</b>	<b>Grade Level</b>
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**BIOMEDICAL (PLTW)**

HS6695	Principles of Biomedical Science		1	9
HS6696	Human Body Systems	Principles of Biomedical	1	10
HS6697	Medical Interventions	Human Body Systems	1	11
HS6698	Biomedical Innovations	Medical Interventions	1	12

**BUSINESS, MARKETING & TECHNOLOGY (Practical Art Credit)**

HS0911	Introduction to Business		1/2	9
FC0960	Advanced Computer Applications (2 <sup>nd</sup> Sem)	Computer Applications	1/2	9
HS0916	Computer Applications		1/2	9-12
HS0944	Accounting I		1	10-12
HS0918	Advanced Computer Applications	Computer Applications	1/2	10-12
HS0925	Beginning Computer Programming		1/2	10-12
HS0927	Graphic Design		1/2	10-12
HS0938	Marketing I		1/2	10-12
HS0913	Video Production & Broadcasting I	Graphic Design or teacher approval	1/2	10-12
HS0946	Accounting Principles I	Accounting I, MCC guidelines	1	11-12
HS0953	AP Computer Science		1	11-12
HS0930	Business & Personal Law		1/2	11-12
HS0934	Business Technology	MCC guidelines if for dual credit	1	11-12
HS0948	Entrepreneurship		1/2	11-12
HS0956	Marketing Principles (BSAD 204 & 205)	MCC guidelines & Marketing I w/ C grade	1	11-12
HS0962	Sports Entertainment & Marketing	Marketing I	1/2	11-12
HS0952	Video Production & Broadcasting II	Video Production & Broadcasting I	1	11-12
HS0940	Marketing II	Marketing I or marketing teacher approval	1	12
HS0942	Marketing Internship	Must be enrolled in Marketing II or Marketing Principles 204 & 205	1	12
HS1503	Personal Finance		1/2	12
HS1504	Personal Finance (1 <sup>st</sup> Sem)		1/2	12
HS0936	Supervised Business Experience	Must be enrolled in Business Tech	1	12

<b>Course Number</b>	<b>Course Name</b>	<b>Prerequisites</b>	<b>Units of Credit</b>	<b>Grade Level</b>
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### **ENGINEERING (PLTW)**

HS6690	Intro to Engineering Design		1	9-12
HS6691	Principles of Engineering		1	10-12
HS6693	Digital Electronics	IED, POE or instructor approval	1	10-12
HS6694	Engineering Design and Development	IED, POE and DE or instructor approval	1	11-12

### **ENGLISH LANGUAGE ARTS (COMMUNICATION ARTS)**

HS0104	English I		1	9
HS0188	English I Lit & Comp		1	9
BS0168	Journalism I (BSHS only)		1/2	9-11
BSS0167	Journalism I (BSSH only)		1/2	9-11
HS0112	English II	1 Sem of English I	1	10
HS0114	World Lit and Comp	1 Sem of English I	1	10
HS0154	Creative Writing I		1/2	10-12
HS0158	Creative Writing II	Creative Writing I & teacher approval	1/2	10-12
HS0166	Newspaper I	Journalism I	1	10-12
HS0169	Photojournalism I	Journalism I	1	10-12
HS0176	Yearbook I	Journalism I	1	10-12
HS0120	English III	1 Sem of English II	1	11
HS0123	AP English Language & Composition	English II or World Lit	1	11
HS1530	American Arts & Culture		1/2	11-12
HS0186	English Comp 110	GPA 3.0 & UMKC requirements	1/2	11-12
HS0187	English 214	GPA 3.0 & UMKC requirements	1/2	11-12
HS0182	Introduction to College Writing (previously Computer Composition)	1 Sem of English III or AP English Lang	1/2	11-12
HS0180	Modern Literature	1 Sem of English III or AP English Lang	1/2	11-12
HS0189	Modern Nonfiction	1 Sem of English III or AP English Lang	1/2	11-12
HS0170	Newspaper II	Newspaper I or Journ. I & newspaper teacher approval	1	11-12
HS0178	Yearbook II	Jour. I, Year. I, Grade B in prev. English & teacher approval	1	11-12
HS0138	English IV	English III or AP English Lang	1	12
HS0140	AP English Literature & Composition	English III or AP English Lang	1	12

<b>Course Number</b>	<b>Course Name</b>	<b>Prerequisites</b>	<b>Units of Credit</b>	<b>Grade Level</b>
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**FAMILY & CONSUMER SCIENCES (Practical Arts Credit)**

FC1110	Discovering FCS		1/2	9
HS1116	Child Development		1/2	9-12
HS1153	Nutrition & Wellness		1/2	9-12
HS1118	Child Care & Guidance	Child Development	1/2	10-12
HS1121	Fashion & Apparel I		1/2	10-12
HS1122	Fashion & Apparel II	Fashion & Apparel I	1/2	10-12
HS1128	Housing Environments & Design		1/2	10-12
HS1152	World Foods	Nutrition & Wellness or equivalent course	1/2	10-12
HS1120	Advanced Child Care	Child Care 1118 w/ C grade	1/2	11-12
HS1154	Culinary Skills I		1	11-12
HS1155	Culinary Skills II	Culinary Skills I w/ C grade	1	11-12
HS1130	Family Relations		1/2	11-12

**FOREIGN LANGUAGE**

HS0602	French I		1	9-12
HS0642	German I		1	9-12
HS0622	Spanish I		1	9-12
HS0626	Spanish II	Spanish I	1	9-12
HS0606	French II	French I	1	10-12
HS0646	German II	German I	1	10-12
HS0630	Spanish III	Spanish II	1	10-12
HS0618	Advanced French Lit, Comp & Conversation	French III	1	11-12
HS0608	French III/UMKC 110-120	French II & UMKC requirements	1	11-12
HS0651	German III/College I	German II and/or instructor approval, UMKC requirements, 3.0 GPA	1	11-12
HS0639	Advanced Spanish Lit, Comp. & Conversation	Spanish III	1	11-12
HS0634	AP Spanish	Spanish III	1	11-12
HS0636	Pre-AP Spanish	Spanish III	1	11-12
HS0612	French IV/UMKC 211-221	French III/UMKC 110-120 and UMKC requirements	1	12
HS0654	German IV/College II	German III, UMKC 110-120, UMKC requirements	1	12

Course Number	Course Name	Prerequisites	Units of Credit	Grade Level
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**INDUSTRIAL/TECHNICAL EDUCATION (Practical Arts Credit)**

HS1018	Drafting Fundamentals I		1/2	9-12
HS1030	Home Maintenance & Repair		1/2	9-12
HS1024	Architectural Drawing	Drafting Fundamentals I	1	10-12
HS1034	Computer Aided Design I	Drafting Fundamentals I	1/2	10-12
HS1036	Computer Aided Design II	Computer Aided Design I	1/2	10-12
HS1010	General Metals		1/2	10-12
HS1014	General Woodworking I		1/2	10-12
HS1015	General Woodworking II	General Woodworking I w/ C grade & teacher approval	1/2	10-12
HS1012	Metals Technology	General Metals	1/2	10-12
HS1028	Small Engine Repair		1/2	10-12
HS1016	Advanced Woodworking	Gen. Woodworking I & teacher approval	1	11-12
HS1032	Construction Technology		3	11-12
HS1022	Mechanical Drawing I	CAD II	1/2	11-12
HS1023	Mechanical Drawing II	Mechanical Drawing I	1/2	11-12
HS1033	Construction Technology Internship	Construction Technology	1	12

**MATHEMATICS**

HS0318	Algebra A		1	9
HS0330	Algebra I		1	9
HS0334	Geometry	Algebra I	1	9-12
HS0319	Algebra B	Algebra A	1	10
HS0338	Algebra II	Geometry or Tech Geometry	1	10-12
HS0332	Technical Geometry	Algebra B	1	10-12
HS0346	Advanced Algebra	Algebra II	1	11-12
HS0358	College Algebra Prep/College Algebra (MCC Math 120)	Qualifying score on the ACT or COMPASS & successful completion of Alg. II or Pre Calc, 3.0 GPA	1	11-12
HS0360	College Algebra (Semester) (MCC Math 120)	Qualifying score on the ACT or COMPASS & successful completion of Alg. II or Pre Calc, 3.0 GPA	1/2	11-12
HS0352	College Statistics (MCC Math 115)	Algebra II & qualifying score on the ACT or COMPASS, 3.0 GPA	1/2	11-12
HS0362	College Trigonometry (Semester) (MCC Math 130)	Qualifying score on the ACT or COMPASS & successful completion of Coll. Alg. (MCC Math 120) or Pre- Calc, 3.0 GPA	1/2	11-12

<b>Course Number</b>	<b>Course Name</b>	<b>Prerequisites</b>	<b>Units of Credit</b>	<b>Grade Level</b>
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**MATHEMATICS (continued)**

HS0355	Pre-AP Calculus AB	Geometry & Alg. II	1	11-12
HS0348	Trigonometry	Algebra II or completion of 1 <sup>st</sup> Sem. Algebra II	1/2	11-12
HS0356	AP Calculus AB	Pre-AP Calculus w/ B grade or a B or above in College Algebra and College Trig and the completion of two independent study units and 80% or higher on two unit tests	1	12
HS0354	College Business Calculus (MCC Math 175)	Pre-Calc, Algebra II, or College Algebra & qualifying score on the ACT or COMPASS, 3.0 GPA	1	12

**MUSIC (Fine Arts Credit)**

BS0810	Freshman Band (BSHS only)	2 years of band or audition	1	9
BSS0811	Freshman Band (BSSHHS only)	2 years of band or audition	1	9
BS0819	Freshman Choir Men's (BSHS only)	8 <sup>th</sup> grade teacher recommendation or instructor approval	1	9
BSS0821	Freshman Choir Men's (BSSHHS only)	8 <sup>th</sup> grade teacher recommendation or instructor approval	1	9
BS0825	Freshman Choir Women's (BSHS only)	Audition/8 <sup>th</sup> grade teacher recommendation or instructor approval	1	9
BSS0826	Freshman Choir Women's (BSSHHS only)	Audition/8 <sup>th</sup> grade teacher recommendation or instructor approval	1	9
HS0816	Campus Choir		1/2	9-12
BS0814	Orchestra (BSHS only)	1 year of orchestra experience/audition	1	9-12
BSS0815	Orchestra (BSSHHS only)	1 year of orchestra experience/audition	1	9-12
HS0812	Concert Band	2 years of band or audition	1	10-12
HS0818	Concert Choir	Audition/teacher recommendation/permission	1	10-12
HS0828	Music Appreciation		1/2	10-12
BS0831	Symphonic Band (BSHS only)	By audition only	1	10-12
BSS0832	Symphonic Band (BSSHHS only)	By audition only	1	10-12
HS0833	Symphonic Orchestra (1 <sup>st</sup> Sem only)	Current band member and audition	1/2	10-12

<b>Course Number</b>	<b>Course Name</b>	<b>Prerequisites</b>	<b>Units of Credit</b>	<b>Grade Level</b>
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**MUSIC (continued)**

HS0822	A Cappella Choir	Audition and teacher recommendation	1	11-12
HS0834	AP Music Theory	2 yrs previous music courses/concurrently enrolled in another music class or instructor approval	1	11-12
HS0824	Chamber Choir	A Cappella Choir or audition/teacher permission	1	11-12
HS0830	Music Theory & Technology		1/2	11-12
HS0823	Women's Ensemble	A Cappella Choir or audition/teacher permission	1	11-12
HS0842	A Cappella Choir for Dual Credit	MCC guidelines	1	12
HS0841	Orchestra for Dual Credit	MCC guidelines	1	12
HS0840	Symphonic Band for Dual Credit	MCC guidelines	1	12

**NAIL TECH**

HS6661	Nail Tech A.M.	Application process approval	3	12
HS6662	Nail Tech P.M.	Application process approval	3	12

**PHYSICAL EDUCATION/HEALTH**

HS1218	Health		1/2	9
HS1210	Physical Education I Boys		1/2	9
HS1212	Physical Education I Girls		1/2	9
HS1244	Aerobics & Weightlifting Co-ed		1/2	10-12
HS1248	Aerobics Plus Co-ed		1/2	10-12
HS1230	Beginning Swimming		1/2	10-12
HS1232	Intermediate Swimming	Ability to swim 50 yds. Freestyle or backstroke	1/2	10-12
HS1214	Physical Education II Boys		1/2	10-12
HS1216	Physical Education II Girls		1/2	10-12
HS1220	Physical Fitness (Sem)		1/2	10-12
HS1222	Physical Fitness (Year)		1	10-12
HS1236	Water Aerobics		1/2	10-12
HS1234	Advanced Swimming	Ability to swim 500 yds. in 4 of 6 strokes	1/2	11-12
HS1258	Advanced Team Sports		1/2	11-12
HS1224	Fitness & Wellness		1/2	11-12
HS1252	Outdoor Education		1/2	11-12

Course Number	Course Name	Prerequisites	Units of Credit	Grade Level
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**PHYSICAL EDUCATION/HEALTH (continued)**

HS1242	Recreational Sports Co-ed		1/2	11-12
BS1237	Red Cross Life Guarding (1 <sup>st</sup> Sem, BSHS only)	Advanced Swimming or Test Out	1/2	11-12
HS1250	Social Dance		1/2	11-12
BS1238	Water Safety Instructor (2 <sup>nd</sup> Sem, BSHS only)	Red Cross Life Guarding, ability to swim 500 yds.	1/2	11-12

**ROTC (Elective Credit)**

BS1550	A Journey Into Aerospace History (Aerospace 100) (BSHS only)		1	9-12
BSS1551	A Journey Into Aerospace History (Aerospace 100) (BSSHHS only)		1	9-12
HS1560	Drill and Ceremonies (Aerospace 150)	Aerospace 100, or instructor approval and concurrently enrolled in another Aerospace class	1	10-12
HS1552	The Science of Flight (Aerospace 210)	Aerospace 100 or Sophomore status and senior Aerospace instructor approval	1	10-12
HS1554	The Exploration of Space (Aerospace 300)	Aerospace 210	1	11-12
HS1556	FAA Private Pilot Ground School (Aerospace 500) (AVIA 1310)	Aerospace 210 & 300 or Aerospace 300 & 500 concurrently, approval of senior Aerospace instructor & UCM guidelines	1	12
HS1558	Management of the Cadet Corps (Aerospace 400)	Aerospace 210 & 300, approval of senior Aerospace instructor	1	12

**SCIENCE**

HS0412	Accelerated Physical & Biological Sciences		1/2 Phy. 1/2 Bio.	9
HS0408	Physical Science		1	9
HS0416	Biology I		1	10
HS0425	Pre-AP Biology	Alg. I, Phys Science or Accel Phys/Bio	1	10-11
HS0439	Astronomy & Meteorology	Physical Science or Accel Phys/Bio or concurrently enrolled in a Biological science	1/2	10-12
HS0434	Chemistry I	Geometry or concurrently enrolled in Geometry	1	10-12

<b>Course Number</b>	<b>Course Name</b>	<b>Prerequisites</b>	<b>Units of Credit</b>	<b>Grade Level</b>
<b>SCIENCE (continued)</b>				
HS0440	Geology	Physical Science or Accel Phys/Bio or concurrently enrolled in a Biological science	1/2	10-12
HS0450	Physics	Algebra & Geometry	1	10-12
HS0436	Pre-AP Chemistry	Geometry	1	10-12
HS0446	Advanced Environmental Science	Environmental Science	1/2	11-12
HS0455	Anatomy & Physiology	Biology I or Pre-AP Biology	1	11-12
HS0426	AP Biology	Biology I or Pre-AP Biology	1	11-12
HS0438	AP Chemistry	Chemistry I or Pre-AP Chemistry	1	11-12
HS0447	AP Environmental Science	Biology I or Pre-AP Biology	1	11-12
HS0452	AP Physics		1	11-12
HS0435	Chemistry II	Chemistry I or Pre-AP Chemistry	1	11-12
HS0445	CSI-Conducting Science Investigations	Physical Science & Biology I	1	11-12
HS0444	Environmental Science	Biology I	1/2	11-12
HS0454	Microbiology	Biology I or Pre-AP Biology	1/2	11-12

### **SOCIAL STUDIES**

HS0280	American Government		1/2	9
HS0289	American Government & Political Analysis		1/2	9
HS0285	Geography		1/2	9
HS0236	World History		1	10
HS0281	AP American Government		1/2	10-12
HS0238	AP European History		1	10-12
HS0251	Civil War		1/2	10-12
HS0275	Contemporary Issues		1/2	10-12
HS0205	United States History		1	11
HS0286	American History 101	UMKC requirements, 3.0 GPA and/or appropriate ACT or PLAN score	1/2	11-12
HS0287	American History 102	American History 101, UMKC requirements, 3.0 GPA and/or appropriate ACT or PLAN score	1/2	11-12
HS0266	AP United States History		1	11-12
HS0271	Economics		1/2	11-12

Course Number	Course Name	Prerequisites	Units of Credit	Grade Level
<b>SOCIAL STUDIES (continued)</b>				
HS0288	Global Issues		1/2	11-12
HS0291	Minorities in American History		1/2	11-12
HS0263	Sociology I		1/2	11-12
HS0290	Sociology II	Sociology I	1/2	11-12
HS0258	World Religions		1/2	11-12
HS0252	World War II	World History	1/2	11-12
HS0283	Psychology		1/2	12

### **SPEECH/DEBATE/DRAMA**

BS0508	Debate I (BSHS only)		1	9-12
BSS0509	Debate I (BSSHS only)		1	9-12
BS0516	Forensics I (1 <sup>st</sup> Semester BSHS only)		1/2	9-12
BSS0517	Forensics I (1 <sup>st</sup> Semester BSSHS only)		1/2	9-12
HS0522	Introduction to Theatre		1/2	9-12
HS0510	Debate II	Debate I & teacher approval	1	10-12
HS0518	Forensics II	Forensics I & teacher recommendation	1	10-12
HS0536	Stage Design & Theatre Technology	Intro to Theatre & teacher recommendation	1/2	10-12
HS0530	Theatre Study	Intro to Theatre & teacher recommendation	1/2	10-12
HS0532	Advanced Theatre Study	Theatre Study & teacher recommendation	1/2	11-12
HS0502	Communications I		1/2	11-12
HS0512	Debate III	Debate II & teacher approval	1	11-12
HS0519	Forensics III	Forensics II & teacher recommendation	1	11-12
HS0514	Debate IV Argumentation & Debate (UMKC Com 212)	Debate III & teacher approval	1	12
HS0520	Forensics IV	Forensics III & teacher recommendation	1	12
HS0538	Introduction to Directing	Adv. Theatre Study & teacher recommendation	1	12

### **SUPPORTIVE SERVICES – ENGLISH LANGUAGE ARTS (COMMUNICATION ARTS)**

CWC0105	English I	IEP based	1	9
CWC0113	English II	IEP based	1	10
CWC0121	English III	IEP based	1	11
CWC0139	English IV	IEP based	1	12
HS1410	English A	IEP based	1	9-12
HS1411	English B	IEP based	1	10-12

<b>Course Number</b>	<b>Course Name</b>	<b>Prerequisites</b>	<b>Units of Credit</b>	<b>Grade Level</b>
<b>SUPPORTIVE SERVICES – ENGLISH LANGUAGE ARTS (continued)</b>				
HS1412	English C	IEP based	1	11-12
HS1413	English D	IEP based	1	12
HS1476	English A (D/HH:FC/BSSHS)	IEP based	1	9-12
HS1414	English B (D/HH:BSSHS)	IEP based	1	10-12
HS1415	English C (D/HH:BSSHS)	IEP based	1	11-12
HS1417	English D (D/HH:BSSHS)	IEP based	1	12
HS1454	English Fundamentals I (FC/BSHS)	IEP based	1	9-12
HS1400	English Fund. II (BSHS)	IEP based	1	10-12
HS1401	English Fund. III (BSHS)	IEP based	1	11-12
HS1402	English Fund. IV (BSHS)	IEP based	1	12
HS1432	Reading Fundamentals and Applications	IEP based	1	10-12
<b>SUPPORTIVE SERVICES – FINE ARTS</b>				
HS1466	Theater Fundamentals (BSHS)	IEP based	1/2	10-12
HS1494	Creative Arts Fundamentals (BSHS)	IEP based	1/2	10-12
<b>SUPPORTIVE SERVICES - MATHEMATICS</b>				
CWC0326	Algebra A	IEP based	1	9-10
CWC0328	Algebra B	IEP based	1	10-12
CWC0331	Algebra I	IEP based	1	9-12
CWC0340	Algebra II	IEP based	1	10-12
CWC0335	Geometry	IEP based	1	10-12
CWC0333	Technical Geometry	IEP based	1	10-12
HS1418	Pre-Algebra	IEP based	1	9-12
HS1419	Algebra Concepts	IEP based	1	10-12
HS1420	Geometry Concepts	IEP based	1	11-12
HS1455	Math Fundamentals I (FC/BSHS)	IEP based	1	9-12
HS1403	Math Fund. II (BSHS)	IEP based	1	10-12
HS1404	Math Fund. III (BSHS)	IEP based	1	11-12
HS1405	Math Fund. IV (BSHS)	IEP based	1	12
<b>SUPPORTIVE SERVICES – PERSONAL FINANCE</b>				
CWC1505	Personal Finance	IEP based	1/2	12
HS1479	Personal Finance Fundamentals	IEP based	1/2	12
<b>SUPPORTIVE SERVICES – PHYSICAL EDUCATION</b>				
HS1429	Physical Education/Health Fundamentals (FC)	IEP based Adapted PE services	1	9
HS1437	Physical Education	IEP based Adapted PE services	1/2	9-12
HS1460	Health Fundamentals (BSHS)	IEP based	1/2	10-12
HS1495	Sports & Fitness (BSHS)	IEP based Adapted PE services	1/2	10-12

<b>Course Number</b>	<b>Course Name</b>	<b>Prerequisites</b>	<b>Units of Credit</b>	<b>Grade Level</b>
<b>SUPPORTIVE SERVICES – PRACTICAL ARTS / TECHNOLOGY</b>				
HS 1458	Family and Consumer Science Fundamentals (FC/BSHS)	IEP based	1	9-12
HS1463	Business Technology Fundamentals (BSHS)	IEP based	1	10-12
HS1464	Computer Application Fundamentals (BSHS)	IEP based	1/2	10-12
HS1467	Home Maintenance & Repair Fundamentals (BSHS)	IEP based	1/2	10-12
HS1492	Culinary Arts Fundamentals (BSHS)	IEP based	1/2	10-12
<b>SUPPORTIVE SERVICES - SCIENCE</b>				
CWC0409	Physical Science	IEP based	1	9
CWC0417	Biology I	IEP based	1	10
CWC0460	Geology	IEP based	1/2	10-12
CWC0461	Astronomy & Meteorology	IEP based	1/2	10-12
CWC0458	CSI-Conducting Science Investigations	IEP based	1	11-12
HS1421	Physical Science	IEP based	1	9
HS1422	General Biology	IEP based	1	10-12
HS1423	General Science	IEP based	1	11-12
HS1456	Science Fundamentals I (FC/BSHS)	IEP based	1	9-12
HS1406	Science Fundamentals II (BSHS)	IEP based	1	10-12
HS1407	Science Fundamentals III (BSHS)	IEP based	1	11-12
<b>SUPPORTIVE SERVICES – SOCIAL STUDIES</b>				
CWC0231	Geography	IEP based	1/2	9
CWC0239	American Government	IEP based	1/2	9
CWC0237	World History	IEP based	1	10
CWC0234	United States History	IEP based	1	11
HS1433	Geography	IEP based	1/2	9
HS1434	American Government	IEP based	1/2	9
HS1435	World History	IEP based	1	10-12
HS1436	United States History	IEP based	1	10-12
HS1438	Geography Fundamentals	IEP based	1/2	9
HS1471	American Government Fundamentals	IEP based	1/2	9
HS1408	Social Studies Fundamentals II (BSHS)	IEP based	1	10-12
HS1409	Social Studies Fundamentals III (BSHS)	IEP based	1	11-12

<b>Course Number</b>	<b>Course Name</b>	<b>Prerequisites</b>	<b>Units of Credit</b>	<b>Grade Level</b>
<b>SUPPORTIVE SERVICES - SPEECH</b>				
HS1481	Interpersonal Communication	IEP based	1/2 or 1	9-12
HS1453	Communication Fundamentals and Applications	IEP based	1/2	10-12
<b>SUPPORTIVE SERVICES - ELECTIVES</b>				
HS1424	Career Preparation I	IEP based	1	9
HS1426	Career Preparation II	IEP based	1	10
HS1427	Career Preparation III	IEP based	1	11
HS1428	Career Preparation IV	IEP based	1	12
HS1452	Introduction to Careers (BSHS)	IEP based	1	10-12
HS1493	Light Industry Work Experience (BSHS)	IEP based	1	10-12
HS1461	Beginning Work Experience	IEP based	1	9-12
HS1480	Supervised Work Experience	IEP based	1	10-12
HS1465	Supervised Employment	IEP based (COOP; Client of VR)	1	11-12
HS1473	Communication & Language (D/HH:FC/BSSHS)	IEP based	1	9-12
HS1474	Communication & Language (VI)	IEP based	1	9-12
HS1424	Career Preparation I	IEP based	1	9

**OTHER NON-DEPARTMENTAL ELECTIVES**

HS1430	Read 180	1 or 2 hr. block/teacher/principal recommend reading placement	1 English 1 Elect.	9-12
HS1555	ACT Prep Class	Geometry or Tech Geometry	1/2	10-12
BSS1524	American Sign Language (BSSHS only)		1/2	10-12
HS1514	Leadership	Member of Senate	1	11-12
HS1517	Cadet Exploratory Teaching (1 <sup>st</sup> Sem BSSHS only) (2 <sup>nd</sup> Sem BSHS only)		1/2	12
BS1518	Peer Assistants (BSHS only)		1/2	12
HS8000	PLATO	Failed course/Dropout Recovery		

## OFF CAMPUS EDUCATIONAL OPPORTUNITIES

Course Number	Course Name	Prerequisites	Units of Credit	Grade Level
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### FT. OSAGE CAREER & TECHNOLOGY CENTER (CTC Application Required)

HS1670	Agriculture Production P.M. only	CTC application	3	11-12
HS1610	Auto Collision Tech A.M.	CTC application	3	11-12
HS1612	Auto Collision Tech P.M.	CTC application	3	11-12
HS1614	Automotive Tech I A.M.	CTC application	3	11
HS1616	Automotive Tech I P.M.	CTC application	3	11
HS1602	Automotive Tech II A.M.	CTC application	3	12
HS1603	Automotive Tech II P.M.	CTC application	3	12
HS1626	Computer Aided Design Technology A.M.	CTC application	3	11-12
HS1628	Computer Aided Design Technology P.M.	CTC application	3	11-12
HS1650	Computer Support Specialist I A.M.	CTC application	3	11-12
HS1652	Computer Support Specialist I P.M.	CTC application	3	11-12
HS1653	Computer Support Specialist II A.M.	CTC application, Computer Support Specialist I	3	12
HS1655	Computer Support Specialist II P.M.	CTC application, Computer Support Specialist I	3	12
HS1622	Construction Trades Technology A.M.	CTC application	3	11-12
HS1624	Construction Trades Technology P.M.	CTC application	3	11-12
HS1708	CSI/Law Enforcement A.M.	CTC application	3	11-12
HS1709	CSI/Law Enforcement P.M.	CTC application	3	11-12
HS1605	Culinary Arts A.M.	CTC application	3	11-12
HS1606	Culinary Arts P.M.	CTC application	3	11-12
HS1665	Emergency Medical Technician A.M.	CTC application, preference given to Fire Science Tech students	3	12
HS1689	Entrepreneurial Studies A.M.	CTC application	3	12
HS1690	Entrepreneurial Studies P.M.	CTC application	3	12
HS1664	Fire Science Technology P.M.	CTC application	3	11-12
HS1638	Health Sciences A.M.	CTC application	3	12
HS1640	Health Sciences P.M.	CTC application	3	12

<b>Course Number</b>	<b>Course Name</b>	<b>Prerequisites</b>	<b>Units of Credit</b>	<b>Grade Level</b>
<b>SUMMIT TECHNOLOGY ACADEMY (Summit Application Required)</b>				
HS1607	Computer Integrated Manufacturing A.M. (2 <sup>nd</sup> Sem)	GPA 2.0 cumulative; Attendance at least 90%; Algebra I; Introduction to Engineering Design PLTW	1.5	11-12
HS1601	Computer Integrated Manufacturing P.M. (2 <sup>nd</sup> Sem)	See previous prerequisites	1.5	11-12
HS1705	Digital Media Tech A.M.	GPA 2.0 cumulative or better; Attendance at least 90%; Algebra I C or above; Reading/Writing 10 <sup>th</sup> grade level; one credit in Fine Arts.	3.0	11-12
HS1706	Digital Media Tech P.M.	See previous prerequisites	3.0	11-12
HS6701	International Studies P.M.	GPA 2.5 cumulative or better; Attendance 90% or better; completed or enrolled in level II Modern Language course.	3.0	12
HS1685	IT Essentials A.M. (1 <sup>st</sup> Sem)	GPA 2.5 cumulative or better; Attendance at least 90%; Algebra I, B- or better; Reading/Writing current grade level; Keyboarding minimum 30 WPM.	1.5	11-12
HS1686	IT Essentials P.M. (1 <sup>st</sup> Sem)	See previous prerequisites	1.5	11-12
HS1691	Network Essentials A.M. (2 <sup>nd</sup> Sem)	GPA 2.5 cumulative or better; Attendance at least 90%; Algebra I, B- or better; Reading/Writing current grade level; Keyboarding minimum 30 WPM.	1.5	11-12
HS1692	Network Essentials P.M. (2 <sup>nd</sup> Sem)	See previous prerequisites	1.5	11-12
HS1695	Network Security A.M. (1 <sup>st</sup> Sem)	Instructor Approval	1.5	12
HS1696	Network Security P.M. (1 <sup>st</sup> Sem)	Instructor Approval	1.5	12
HS6671	Pre-Nursing Program A.M.	GPA 2.0 cumulative or better; Attendance at least 90%; Algebra I, C or better; Reading/Writing 10 <sup>th</sup> grade level; Biology and Chemistry, C or better; background check.	3.0	12
HS6669	Pre-Nursing Program P.M.	See previous prerequisites	3.0	12

**NON-CREDIT**

HS9910	Study Hall (1 <sup>st</sup> Sem)		0	11-12
HS9911	Study Hall (2 <sup>nd</sup> Sem)		0	11-12

## CURRICULAR OFFERINGS by DEPARTMENT

If a course has two numbers listed, the first number refers to 1<sup>st</sup> semester & the second number refers to 2<sup>nd</sup> semester. **FINAL COURSE OFFERINGS ARE DEPENDENT ON ENROLLMENT AND STAFF.** For a complete listing of courses for enrollment purposes, please refer to pages 36-50.

### AGRICULTURE

#### **AGRICULTURE SCIENCE I (Freshman Center only)**

**COURSE #: FC6675**

**GRADE: 9**

**CREDITS: 1 Unit**

**CREDIT TYPE: Practical Art/Elective**

Students receive instruction in animal science, plant science, career exploration, leadership and personal development, and supervised agricultural experience. Units may include agribusiness, natural resources, and food science. Work-based learning strategies appropriate for this course are agri-science projects, internships, and supervised agricultural experience. Supervised agricultural experience programs and FFA leadership activities are integral components of this course and provide many opportunities for practical application of instructional competencies.

#### **AGRICULTURAL SCIENCE II**

**COURSE #: HS6676**

**GRADES: 10-12**

**CREDITS: 1 Unit**

**Recommendation:** Ag Science I or teacher approval

**CREDIT TYPE: Practical Art/Elective**

Students receive instruction in plant and crop science, soils, entomology, horticulture, forestry, and additional instruction in animal science, career development, leadership, and supervised agricultural experience. Work-based learning strategies appropriate for this course are agri-science projects, internships, and supervised agricultural experience. Supervised agricultural experience programs and FFA leadership activities are integral components of this course and provide many opportunities for practical application of instructional competencies.

#### **INTRODUCTION TO VETERINARY TECHNOLOGY (2<sup>nd</sup> Sem only)**

**COURSE #: HS6680**

**CREDITS: 1/2 Unit**

**GRADES: 11-12**

**Prerequisite:** Ag Science II or teacher approval

**CREDIT TYPE: Practical Art/Elective**

Students will be orientated to career opportunities available in veterinary technology and introduced to: professional ethics, public relations, psychological adjustments of the student in terms of understanding the need for physical treatment and care of animals, client relations, vaccination programs, regulatory organizations, receptionist duties, breeds and breed characteristics, neutering, puppy care, diets and hospital management. Work-based learning strategies appropriate for this course are agri-science projects, internships, and supervised agricultural experience. Supervised agriculture experience programs and FFA leadership activities are integral components of this course and provide many opportunities for practical application of instructional competencies. This course may fulfill the district speech requirement if it is the third Ag class taken by the student.

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**AGRICULTURE – *continued***

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**HORTICULTURE (1<sup>st</sup> Sem only)****COURSE #:** HS6681**GRADES:** 11-12**CREDITS:** 1/2 Unit**Prerequisite:** Ag Science II or teacher approval**CREDIT TYPE:** Practical Art/Elective

Students are exposed to many areas of plant propagations, greenhouse management, vegetable and fruit growing. Work-based learning strategies appropriate for this course are agri-science projects, internships, and supervised agricultural experience. Supervised agriculture experience programs and FFA leadership activities are integral components of this course and provide many opportunities for practical application of instructional competencies. This course may fulfill the district speech requirement if it is the third Ag class taken by the student.

**LANDSCAPING MAINTENANCE & DESIGN (2<sup>nd</sup> Sem only)****COURSE #:** HS6682**GRADES:** 11-12**CREDITS:** 1/2 Unit**Prerequisite:** Ag Science II or teacher approval**CREDIT TYPE:** Practical Art/Elective

Students gain a working knowledge of how plants grow and identification, installation, and maintenance of trees, shrubs, bedding plants, and ground covers. Each student will create 4 major landscaping designs suitable for their landscape portfolio, and will receive hands-on experience in selected landscaping projects. Work-based learning strategies appropriate for this course are agri-science projects, internships, and supervised agricultural experience. Supervised agriculture experience programs and FFA leadership activities are integral components of this course and provide many opportunities for practical application of instructional competencies. This course may fulfill the district speech requirement if it is the third Ag class taken by the student.

**PRINCIPLES OF ANIMAL SCIENCE (1<sup>st</sup> Sem only)****COURSE #:** HS6679**GRADES:** 11-12**CREDITS:** 1/2 Unit**Prerequisite:** Ag Science II or teacher approval**CREDIT TYPE:** Practical Art/Elective

Students will be introduced to: principles of handling, housing, and management of animals; basic dietary and sanitation requirements; restrain and handling; administration of medications, bathing, skin scraping, and basic laboratory tests. This course places emphasis on animal physiology including cell, muscle, nervous, respiratory, and cardiovascular systems. Students will also learn the basic of anesthesia and general animal nursing. Work-based learning strategies appropriate for this course are agri-science projects, internships, and supervised agricultural experience. Supervised agriculture experience programs and FFA leadership activities are integral components of this course and provide many opportunities for practical application of instructional competencies. This course may fulfill the district speech requirement if it is the third Ag class taken by the student.

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**ART** (All courses listed fulfill Fine Arts requirement)

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**DESIGN FUNDAMENTALS****COURSE #:** HS0706**GRADES:** 9 – 12**CREDITS:** ½ Unit**CREDIT TYPE:** Fine Art

This course builds a foundation of knowledge in art. The elements and principles of design are covered in depth and the students should leave Design Fundamentals class with a clear understanding of composition and color. Students will be introduced to a variety of media with a strong emphasis in drawing and art criticism.

**DRAWING I****COURSE #:** HS0752**GRADES:** 9-12**CREDITS:** ½ Unit**Prerequisite:** Design Fundamentals**CREDIT TYPE:** Fine Art

Drawing I offers students an opportunity to focus specifically on improving drawing skills and expanding knowledge of composition. Students will use a variety of drawing media. Students will learn how to critique artwork in a group discussion setting. This class is necessary for students interested in Painting I or Drawing II.

**ART HISTORY****COURSE #:** HS0751**GRADES:** 10-12**CREDITS:** ½ Unit**CREDIT TYPE:** Fine Art

This course focuses on history and eras of fine arts from ancient times to the present, covering specific art movements and critical artists from these movements. Minimal art production will be required. Students should have strong communication skills and feel comfortable in class discussion format.

**3D DESIGN****COURSE #:** HS0758**GRADES:** 10-12**CREDITS:** ½ Unit**Prerequisite:** Design Fundamentals**CREDIT TYPE:** Fine Art

This course is an introductory class into 3D or sculpture. Students will work on converting 2D drawings and designs into 3D sculptures. Mediums will include an introduction to various sculptural materials. Students should be comfortable with class discussion format critiques and have strong drawing and composition abilities. Students will need additional supplies.

**CERAMICS I****COURSE #:** HS0759**GRADES:** 10-12**CREDITS:** ½ Unit**Prerequisite:** Design Fundamentals + one additional studio art class**CREDIT TYPE:** Fine Art

This class provides an introduction into hand building and wheel thrown ceramics. Students should have a strong understanding of the elements and principles of art and like to work with their hands. Historical and present styles of ceramics will be explored.

**CERAMICS II****COURSE #:** HS0780**GRADES:** 10-12**CREDITS:** ½ Unit**Prerequisite:** Ceramics I, C+ Grade**CREDIT TYPE:** Fine Art

This class is a continuation of the clay methods learned in Ceramics I class. Greater emphasis will be placed on problem solving and developing new ideas in clay mediums. Students will have opportunities to mix glazes and experiment with various types of clay.

**DRAWING II****COURSE #:** HS0753**GRADES:** 10-12**CREDITS:** ½ Unit**Prerequisite:** Drawing I, C+ Grade**CREDIT TYPE:** Fine Art

Drawing II builds on basic drawing skills; students are allowed more freedom to experiment with all types of drawing media and subject matter. Class critiques will be a large part of this class; students will become comfortable talking about other students' work and their own work in a group setting. This class is designed for students interested in pursuing an art degree after high school.

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## **ART – *continued***

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### **PAINTING I**

**COURSE #:** HS0754

**GRADES:** 10-12

**CREDITS:** ½ Unit

**Prerequisite:** Design Fundamentals,  
Drawing I, C+ Grade

**CREDIT TYPE:** Fine Art

Painting I focuses on the foundations of painting basics in acrylic, tempera and watercolor. Students should have strong drawing skills and an understanding of color and composition. Students may need to purchase supplies.

### **PAINTING II**

**COURSE #:** HS0755

**GRADES:** 10-12

**CREDITS:** ½ Unit

**Prerequisite:** Painting I, C+ Grade

**CREDIT TYPE:** Fine Art

Painting II focuses on expression and effective communications within painting mediums. Students will work more independently. Pieces completed need to be clean and interesting paintings. This course goes beyond basic painting and is for the student interested in pursuing art after high school. Strong skills in composition, drawing and art criticism are necessary. Students may need to purchase supplies.

### **PHOTOGRAPHY I**

**COURSE #:** HS0756

**GRADES:** 10-12

**CREDITS:** ½ Unit

**Prerequisite:** Design Fundamentals & one  
additional studio art class, C+ Grade

**CREDIT TYPE:** Fine Art

Photo I is a basic course in photography that includes photo history, basic camera functions, photo-taking techniques, subject selection, composition, and evaluation. Students may be required to furnish their own camera and supplies. The estimated cost for supplies (without the camera) is \$50.00-\$75.00.

### **PHOTOGRAPHY II**

**COURSE #:** HS0757

**GRADES:** 10-12

**CREDITS:** ½ Unit

**Prerequisite:** Photo I, C+ Grade

**CREDIT TYPE:** Fine Art

Photo II is for students who have successfully completed Photo I and are interested in continuing their work on a more advanced level. Projects will stress individual application of photo techniques and ideas. Photographic artists and methods will also be studied. Students will focus on developing a personal style of photo. Students may be required to furnish their own camera and supplies. The estimated cost for supplies (without the camera) is \$50.00-\$75.00.

### **PORTFOLIO I & SPECIAL PROJECTS**

**COURSE #:** HS0782

**GRADES:** 11-12

**CREDITS:** ½ Unit

**Prerequisite:** Design Fundamentals and 2  
studio art classes and teacher  
recommendation

**CREDIT TYPE:** Fine Art

Portfolio class is designed for students interested in post high school study of art. Students will work on pieces that will be presented at college interviews and portfolio reviews. Students will also create a CD of digital pictures of their work to be sent to colleges, universities and art institutes. Students will also be on an independent study of required projects, reports, competitions and exhibits (design, setup and execution).

### **PORTFOLIO II**

**COURSE #:** HS0783

**GRADES:** 11-12

**CREDITS:** ½ Unit

**Prerequisite:** Portfolio I

**CREDIT TYPE:** Fine Art

Portfolio II is a continuation of Portfolio I that offers specific guidance for students pursuing a post-high school art degree. Students will have opportunities for independent studies of their choosing and a chance to finalize projects for their portfolio.

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## BIOMEDICAL (PLTW)

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Project Lead the Way (PLTW) is a nationally recognized biomedical curriculum being offered in the Blue Springs School District. Ask your guidance counselor for more information or go to [www.pltw.org](http://www.pltw.org) regarding Project Lead the Way.

### **PRINCIPLES OF BIOMEDICAL SCIENCES (PLTW)**

**COURSE #: HS6695**

**GRADE: 9**

**CREDIT: 1 Unit**

**CREDIT TYPE: Practical Art/Elective**

Students investigate the human body systems and various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, research processes and bioinformatics. Key biological concepts including homeostasis, metabolism, inheritance of traits and defense against disease are embedded in the curriculum. Engineering principles including the design process, feedback loops and relationship of structure to function are also incorporated. This course is designed to provide an overview of all the courses in the Biomedical Sciences Program and lay the scientific foundation for subsequent courses. Membership and participation in HOSA, a student organization promoting careers in the health sciences area, will be encouraged.

### **HUMAN BODY SYSTEMS (PLTW)**

**COURSE #: HS6696**

**GRADE: 10**

**CREDIT: 1 Unit**

**Prerequisite:** Principles of Biomedical Sciences

**CREDIT TYPE: Practical Art/Elective**

Students examine the interactions of body systems as they explore identity, communication, power, movement, protection and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal mannequin, work through interesting real-world cases and often play the role of biomedical professionals to solve medical mysteries. Membership and participation in HOSA, a student organization promoting careers in the health sciences area, will be encouraged. This course may fulfill the district technology requirement.

*Biomedical continued on next page*

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**BIOMEDICAL (PLTW) – *continued***

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**MEDICAL INTERVENTIONS (PLTW)****COURSE #:** HS6697**GRADE:** 11**CREDITS:** 1 Unit**Prerequisite:** Human Body Systems**CREDIT TYPE:** Practical Art/Elective

Students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. The course is a “how-to” manual for maintaining overall health and homeostasis in the body as students explore how to prevent and fight infection; how to screen and evaluate the code in human DNA; how to prevent, diagnose and treat cancer; and how to prevail when the organs of the body begin to fail. These scenarios expose students to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices and diagnostics. Each family case scenario introduces multiple types of interventions and reinforces concepts learned in the previous two courses, as well as presenting new content. Interventions may range from simple diagnostic tests to treatment of complex diseases and disorders. These interventions are showcased across generations of a family and provide a look at the past, present and future of the biomedical sciences. Lifestyle choices and preventive measures are emphasized throughout the course as are the important roles that scientific thinking and engineering design play in the development of interventions of the future. Membership and participation in HOSA, a student organization promoting careers in the health sciences area, will be encouraged. This course may fulfill the district speech requirement.

**BIOMEDICAL INNOVATIONS (PLTW)****COURSE #:** HS6698**GRADE:** 12**CREDITS:** 1 Unit**Prerequisite:** Medical Interventions**CREDIT TYPE:** Practical Art/Elective

This capstone course provides students the opportunity to apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21<sup>st</sup> century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician’s office, or industry. Membership and participation in HOSA, a student organization promoting careers in the health sciences area, will be encouraged.

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**BUSINESS, MARKETING and TECHNOLOGY** (All courses listed fulfill Practical Arts requirement)

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**INTRODUCTION TO BUSINESS**

**COURSE #:** HS0911

**GRADE:** 9

**CREDITS:** ½ Unit

**CREDIT TYPE:** Practical Art

Students will study basic world economics including the differences in business ownership, banking, checking accounts, stocks, investments, and insurance. Students will explore various career options and will make tentative career decisions. This course also includes a business simulation. This basic overview of the business world should allow students to make appropriate choices about future course work in business. Membership and participation in FBLA, an association for business students, will be encouraged.

**ADVANCED COMPUTER APPLICATIONS**

**COURSE #:** FC0960 (2<sup>nd</sup> Sem only)

**COURSE #:** HS0918

**CREDITS:** ½ Unit

**GRADES:** 9-12

**CREDIT TYPE:** Practical Art

**Prerequisite:** Computer Applications

**Dual/Articulated Credit:** Articulated credit available through MCC if enrollment criteria are met.

This course is designed to further students' skills in the advanced use of Microsoft Office and will expose students to some of the newest software being offered in the fields of multimedia presentations, basic website design, and financial applications. This class should strongly be considered for those students going to college and/or choosing a business career. This class fulfills the district technology graduation requirement. Membership and participation in FBLA, an association for business students, will be encouraged. This course may fulfill the district technology requirement.

**COMPUTER APPLICATIONS**

**COURSE #:** HS0916

**GRADES:** 9-12

**CREDITS:** ½ Unit

**CREDIT TYPE:** Practical Art

Students use Microsoft Office Word, Excel, PowerPoint, and Publisher to create business documents, publications, spreadsheets, and presentations. This introductory class includes a refresher course in keyboarding and fulfills the district technology graduation requirement. Membership and participation in FBLA, an association for business students, will be encouraged. This course may fulfill the district technology requirement.

**ACCOUNTING I**

**COURSE #:** HS0944

**GRADES:** 10-12

**CREDITS:** 1 Unit

**CREDIT TYPE:** Practical Art

**Recommendation:** Recommended for students planning to study business or accounting in college.

This course is designed to introduce students to basic accounting concepts and to allow students to explore accounting and related career opportunities. Students will complete accounting cycles for a proprietorship, a partnership, and a corporation. Students will also be introduced to automated accounting systems and will complete accounting projects with available computers. Membership and participation in FBLA, an association for business students, will be encouraged. This course may fulfill the district technology requirement.

**BEGINNING COMPUTER**

**PROGRAMMING (previously C++)**

**COURSE #:** HS0925

**GRADES:** 10-12

**CREDITS:** ½ Unit

**CREDIT TYPE:** Practical Art

This is an introduction to computer programming with the emphasis on both business and scientific applications and some advanced programming concepts. This class is recommended for students interested in math, engineering or computer science careers. This class fulfills the district technology graduation requirement. Membership and participation in FBLA, an association for business students, will be encouraged. This course may fulfill the district technology requirement.

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**BUSINESS, MARKETING and TECHNOLOGY – *continued***

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**GRAPHIC DESIGN (previously Desktop Multimedia)****COURSE #: HS0927****GRADES: 10-12****CREDITS: ½ Unit****CREDIT TYPE: Practical Art**

Students will develop basic design and layout skills to create a variety of desktop publishing projects such as advertisements, brochures, and web pages using different software packages and internet research. Students will also learn presentation software and explore the use of digital cameras, scanners, etc. Membership and participation in FBLA, an association for business students, will be encouraged. This class fulfills the district technology graduation requirement.

**MARKETING I****COURSE #: HS0938****GRADES: 10-12****CREDITS: ½ Unit****CREDIT TYPE: Practical Art**

This course is designed to introduce students to areas in marketing and marketing related occupations. Some topics covered include marketing concepts, economics, advertising, sales promotion and salesmanship. Students will use a variety of technology designed to help students understand the real world of perspective retail business. Students will be eligible and encouraged to participate in DECA, a professional student organization for students interested in pursuing careers in marketing, finance, hospitality and management. This course may fulfill the district technology requirement.

**VIDEO PRODUCTION & BROADCASTING I (previously Video Technology)****COURSE #: HS0913****GRADES: 10-12****CREDITS: ½ Unit****Prerequisite:** Graphic Design (previously Desktop Multimedia) or instructor's approval**CREDIT TYPE: Practical Art**

Students will learn the basics of digital camcorder operations, video editing, software, and other broadcast equipment by producing a weekly news show. Membership and participation in FBLA, an association for business students, will be encouraged. This class fulfills the district technology graduation requirement.

**ACCOUNTING PRINCIPLES I\*\*****COURSE #: HS0946****GRADES: 11-12****CREDITS: 1 Unit****Prerequisite:** Accounting I**CREDIT TYPE: Practical Art****Dual/Articulated Credit:** Dual Credit or Articulated Credit is available through MCC if enrollment criteria are met.

Students learn the application of the basic accounting equation and more advanced accounting principles including inventories, depreciation, and payroll. This course is recommended for college-bound students who plan to major in any business-related field. Students may earn three hours of college credit through the Metropolitan Community College if they meet MCC prerequisites. The discounted college fee must be paid within the first week of the course. An honor point may be earned each semester when taken for college credit. Membership and participation in FBLA, an association for business students, will be encouraged. This course may fulfill the district technology requirement.

**AP COMPUTER SCIENCE \*\*****COURSE #: HS0953****GRADES: 11-12****CREDITS: 1 Unit****Recommendation:** Beginning Computer Programming (previously C++)**CREDIT TYPE: Practical Art**

Students further develop computer-programming skills by exploring advanced programming concepts and creating a variety of applications. Recommended for students interested in math, engineering, or computer science careers. Students prepare for the AP Computer Science exam in May and the study of computer science in college. An additional honor point will be earned for each semester passed. All students are expected to take the AP exam and pay the examination fee. Membership and participation in FBLA, an association for business students, will be encouraged. This course may fulfill the district technology requirement.

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**BUSINESS, MARKETING and TECHNOLOGY – *continued***

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**BUSINESS & PERSONAL LAW****COURSE #:** HS0930**GRADES:** 11-12**CREDITS:** ½ Unit**CREDIT TYPE:** Practical Art

This course is designed to increase student awareness of basic legal concepts and principles. Topics to be discussed include criminal law, tort law, juvenile law, court systems, contracts and insurance. Students will participate in a mock trial. Membership and participation in FBLA, an association for business students, will be encouraged.

**BUSINESS TECHNOLOGY\*\*****COURSE #:** HS0934**GRADES:** 11-12**CREDITS:** 1 Unit**CREDIT TYPE:** Practical Art/Elective

**Dual/Articulated Credit:** Dual Credit or Articulated Credit is available through MCC if enrollment criteria is met (Introduction to Business and Business Communications)

This course is designed for students preparing for a career in business and explores the American free enterprise system. It is a broad introduction to the various fields of business and communication skills needed to be successful in business careers. Topics covered will include: business trends, economics, entrepreneurship, management, human resources and marketing. Students will produce and/or be exposed to a variety of business correspondences including letters, memorandums, email, resumes, formal academic and business reports, and presentations using available equipment, software and the Internet. Students may earn six hours of college credit through Metropolitan Community College if they meet MCC prerequisites. The discounted college fee must be paid within the first week of the course. An honor point may be earned for each semester successfully completed. Membership and participation in FBLA, an association for business students, will be encouraged. This course may fulfill the district technology requirement.

**ENTREPRENEURSHIP****COURSE #:** HS0948**GRADES:** 11-12**CREDITS:** ½ Unit**CREDIT TYPE:** Practical Art

This course is designed for students wishing to gain knowledge of entrepreneurship practices and principles. Students will be provided with a background of the role of the entrepreneur and discuss topics including creating a business plan, business location, forms of ownership, obtaining financing, managing and marketing a business. Students will be eligible and encouraged to participate in DECA, a professional student organization for students interested in pursuing careers in marketing, finance, hospitality, and management.

**MARKETING PRINCIPLES BSAD 204 & 205\*\*****COURSE #:** HS0956**GRADES:** 11-12**CREDITS:** 1 Unit

**Prerequisite:** Marketing I with a grade of C or better

**TYPES OF CREDIT:** Practical Art

**Dual/Articulated Credit:** 6 hours of college credit through MCC if they meet MCC prerequisites. The discounted college fee must be paid within the first week of the course. An honor point may be earned each semester.

Marketing Principles BSAD 204 & 205 involves the structure of marketing institutions and management styles in a global environment. The course includes analysis of marketing functions, consumer behavior, segmentation, market research, product planning, pricing, promotion, distribution and marketing strategies. Internet and electronic mail activities are integrated to develop competencies in data collection, application and task analysis. This course is recommended for college-bound students who plan to major in any business-related field. Students will be eligible and encouraged to participate in DECA, a professional student organization for students pursuing careers in marketing, finance, hospitality, and management.

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**BUSINESS, MARKETING and TECHNOLOGY – *continued***

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**SPORTS AND ENTERTAINMENT  
MARKETING****COURSE #:** HS0962**GRADES:** 11-12**CREDITS:** ½ Unit**Prerequisite:** Marketing I**CREDIT TYPE:** Practical Art

The field of sports and entertainment marketing is rapidly growing. This course will introduce students to sports and entertainment industries, types of products, marketing concepts and theories that apply to this industry. The areas this course will cover include product and pricing strategies; market research and segmentation; promotion, publicity and public relations; sponsorships, endorsements, and event management. Students will be eligible and encouraged to participate in DECA, a professional student organization for students pursuing careers in marketing, finance, hospitality, and management.

**VIDEO PRODUCTION &  
BROADCASTING II****COURSE #:** HS0952**GRADES:** 11-12**CREDITS:** 1 Unit**Prerequisite:** Video Production & Broadcasting I (previously Video Technology)**CREDIT TYPE:** Practical Art

Students will further develop skills in the use of editing software, digital camcorders, video, and broadcast equipment. Students will be responsible for producing a weekly TV broadcast for BSSD TV and continue covering news-worthy events for the school and for BSSD TV and Radio. Membership and participation in FBLA, an association for business students, will be encouraged. This class fulfills the district technology graduation requirement.

**MARKETING II****COURSE #:** HS0940**GRADE:** 12**CREDITS:** 1 Unit**Prerequisite:** Marketing I or marketing teacher approval**CREDIT TYPE:** Practical Art**Dual/Articulated Credit:** Articulated credit available through MCC if enrollment criteria are met.

Designed for the students interested in a career in business marketing or business administration. Subject areas covered include human relations in business, marketing and economic concepts, business communications, advertising and promotion, product pricing, salesmanship, marketing research and planning, and many others. Each topic is approached from a supervisory/management point of view. This course coordinates class work with on-the-job training and is required for all students who will be employed in a retail related job while in the half-day internship program. Students must pass this course in order to earn credit for Marketing Internship (0942). Students will be eligible and encouraged to participate in DECA, a professional student organization for students pursuing careers in marketing, finance, hospitality, and management.

**MARKETING INTERNSHIP****COURSE #:** HS0942**GRADE:** 12**CREDITS:** 1 Unit**Prerequisite:** Must be enrolled in Marketing II or Marketing Principles BSAD 204 & 205**CREDIT TYPE:** Practical Art

The student will receive practical on-the-job experience in a supervised work position that has been approved before enrolling by the teacher coordinating the program. Students must be enrolled in Marketing II or Marketing Principles and must pass the class in school in order to earn credit for internship. For students to be eligible for half-day release from school, they must complete a minimum of 15 hours per week on the job. Students who work an average of 25 hours per week are eligible for an additional credit. Students also forfeit their eligibility for the 8<sup>th</sup> semester attendance option. Students will be eligible and encouraged to participate in DECA, a professional student organization for students interested in pursuing careers in marketing, finance, hospitality, and management.

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**BUSINESS, MARKETING and TECHNOLOGY – *continued***

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**PERSONAL FINANCE****COURSE #:** HS1503**COURSE #:** HS1504 (1<sup>st</sup> Sem only)**GRADE:** 12**CREDITS:** ½ Unit**CREDIT TYPE:** Personal Finance

This course explores practical financial skills necessary for young adults to survive in the world after high school. They will study banking, budgeting, investing, credit card use and abuse, insurance, and home and automobile purchases. They will learn job hunting skills by creating resumes and cover letters as well as participating in a mock interview. This course is required for graduation by the State of Missouri as well as the Blue Springs School District. Membership and participation in FBLA, an association for business students, will be encouraged.

**SUPERVISED BUSINESS EXPERIENCE****COURSE #:** HS0936**GRADE:** 12**CREDITS:** 1 Unit**Prerequisite:** Enrolled in Business Technology**CREDIT TYPE:** Practical Art

This program will provide on-the-job experience in an approved, supervised work position. Students may receive assistance from the instructor in finding an approved job. Students must also be enrolled in Business Technology (0934) and must pass the class in order to earn credit for Work Release. For Work Release students to be eligible for half-day release from school, they must complete a minimum of 10 hours per week on the job. Students forfeit their eligibility for the 8<sup>th</sup> semester attendance option. Membership and participation in FBLA, an association for business students, will be encouraged.

**\*\* Students enrolling in dual credit and/or AP classes need to check with the college/university they are planning on attending regarding transferability and acceptable grades.**

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## ENGINEERING (PLTW)

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Project Lead the Way (PLTW) is a nationally recognized engineering curriculum being offered in the Blue Springs School District. Ask your guidance counselor for more information regarding Project Lead the Way or go to [www.pltw.org](http://www.pltw.org).

### **INTRODUCTION TO ENGINEERING DESIGN-PLTW (IED)**

**COURSE #:** HS6690

**GRADE:** 9-12

**CREDITS:** 1 Unit

**Recommendation:** Algebra I

**CREDIT TYPE:** Practical Art/Elective

This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer design software. This course utilizes the Project Lead The Way curriculum. Membership and participation in TSA, a student organization promoting technology, will be encouraged.

### **PRINCIPLES OF ENGINEERING-PLTW (POE)**

**COURSE #:** HS6691

**GRADES:** 10-12

**CREDITS:** 1 Unit

**Recommendation:** Complete Algebra I

**CREDIT TYPE:** Practical Art/Elective

This course helps students explore various technology systems and manufacturing processes. This course explores all fields of engineering. This will help students learn how technical professionals use math, science and technology in a problem solving process. This course utilizes the Project Lead The Way curriculum. Membership and participation in TSA, a student organization promoting technology, will be encouraged.

### **DIGITAL ELECTRONICS-PLTW (DE)**

**COURSE #:** HS6693

**GRADES:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** IED, POE or teacher permission

**CREDIT TYPE:** Practical Art/Elective

This is a course in applied logic that encompasses the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits. This course utilizes the Project Lead the Way curriculum. Membership and participation in TSA, a student organization promoting technology, will be encouraged.

### **ENGINEERING DESIGN AND DEVELOPMENT-PLTW (EDD)**

**COURSE #:** HS6694

**GRADES:** 11-12

**CREDITS:** 1 unit

**Prerequisite:** Completion of Introduction to Engineering Design and Principles of Engineering

**CREDIT TYPE:** Practical Art/Elective

This capstone course provides students the opportunity to apply their knowledge and skills working on major engineering projects and research topics during the year. Fall semester students complete an open-ended EDD problem in which they research, design and devise a solution. Spring semester students work in teams to research, design and construct a solution to an open-ended engineering problem through industry. Membership and participation in TSA, a student organization promoting technology, will be encouraged.

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## ENGLISH LANGUAGE ARTS (COMMUNICATION ARTS)

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### ENGLISH I

**COURSE #:** HS0104

**GRADE:** 9

**CREDITS:** 1 Unit

**CREDIT TYPE:** English

Students will review basic grammar and will appropriately apply usage rules in their writing. They will write personal experience and analytical essays and will write essay responses to the literature they study. They will read fiction, nonfiction, poetry, and drama, and will improve their vocabulary skills, their study skills, and their ability to synthesize data, draw conclusions, and organize information for research based writing.

### ENGLISH I LITERATURE AND COMPOSITION

**COURSE #:** HS0188

**GRADE:** 9

**CREDITS:** 1 Unit

**CREDIT TYPE:** English

**Recommendation:** Grade of B or above in both semesters of 8<sup>th</sup> grade English.

Students will review grammar and usage rules and will apply them in personal experience, analytical and persuasive essays. They will read more challenging literature than is read in English I and will begin preparing for the PLAN (pre-ACT) test by working on practices that simulate the test. They will improve their vocabulary and will write short research-based essays. English I Literature and Composition fulfills the first unit of English required for graduation.

### JOURNALISM I (BSHS only)

**COURSE #:** BS0168

**GRADES:** 9-11

**CREDITS:** ½ Unit

**CREDIT TYPE:** Elective

Journalism I is a semester course that introduces students to the fundamentals of *both* newspaper and yearbook (magazine) journalism. Students are introduced to the responsibilities and ethics of journalists and to journalistic ethics. This course emphasizes learning to write news, features, editorials and sports stories. Students are also introduced to headline writing, copy editing, and layout and design. This course will also cover some fundamentals of 35mm photography, advertising, and journalism law, and the duties of editors, assistant editors, and copy and layout editors. The fundamentals of layout and design will be covered, and students will become proficient in using the software for word processing and desktop publishing.

### JOURNALISM I (BSSHS only)

**COURSE #:** BSS0167

**GRADES:** 9-11

**CREDITS:** ½ Unit

**CREDIT TYPE:** Elective

See previous course description.

### ENGLISH II

**COURSE #:** HS0112

**GRADE:** 10

**CREDITS:** 1 Unit

**Prerequisite:** A student must pass or be concurrently enrolled in one semester of English I before he/she can take English II or World Literature and Composition

**CREDIT TYPE:** English

Students will review usage rules essential to good writing and will learn to apply these in their own writing. They will write essays of analysis, essays responding to fiction and nonfiction texts, and essays based on researched information. Students will read world literature selections of poetry, fiction, drama, and nonfiction and will work on vocabulary improvement.

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**ENGLISH LANGUAGE ARTS – *continued***

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**WORLD LITERATURE AND COMPOSITION****COURSE #: HS0114****GRADE: 10****CREDITS: 1 Unit****Prerequisite:** A student must pass or be concurrently enrolled in one semester of English I before he/she can take English II or World Literature and Composition**CREDIT TYPE: English****Recommendation:** Grade of B or above in English I or English I Literature & Composition

This course, intended for students who like to read literature and to write about literature, will involve the reading of fiction, nonfiction, poetry and drama. Students will read a larger number of literary works, will read more challenging literature, and will write persuasive and research based essays. They will also work on grammar and vocabulary skills in preparation for the PLAN and PSAT tests. The class will include extensive research projects. World Lit. & Comp fulfills the second unit of English required for graduation.

**CREATIVE WRITING I****COURSE #: HS0154****GRADES: 10-12****CREDITS: ½ Unit****CREDIT TYPE: Elective**

This course is designed for creative, original thinkers who like to write. Students will write short stories, poetry, and magazine articles. Students will be expected to keep class journals. Since grammar and usage are not taught in this course, students who enroll should have competency in these.

**CREATIVE WRITING II****COURSE #: HS0158****GRADES: 10-12****CREDITS: ½ Unit****Prerequisite:** Creative Writing I and teacher approval**CREDIT TYPE: Elective**

Available to sophomores, juniors, and seniors who have shown proficiency in Creative Writing I, this course further develops individual abilities in writing poetry, short stories, and plays. Students will keep personal and class journals and will have the opportunity to compete in writing contests. Members of this class will be the production staff for the school's literary magazine.

**NEWSPAPER I****COURSE #: HS0166****GRADES: 10-12****CREDITS: 1 Unit****Prerequisite:** Journalism I**CREDIT TYPE: Elective, Practical Arts****Recommendation:** Grade of B or above in previous English class

Newspaper I is a full-year course that gives students the opportunity to experience all facets of newspaper journalism, including writing, copy editing, layout and design, photography, advertising, and production. Students will experience the responsibilities of newspaper journalists as part of the school newspaper staff: write news features, editorials and sports stories and will be able to apply for positions as section editors and assistant editors on the staff. Students will experience the duties of headline writing, copyediting, and layout and design. They will become proficient in using the software for word processing and desktop publishing in the computer labs as they help the advanced newspaper students produce each edition of the school paper. The course will prepare students for entrance into the Newspaper II class.

**PHOTOJOURNALISM I****COURSE #: HS0169****GRADES: 10-12****CREDITS: 1 Unit****Prerequisite:** Journalism I**CREDIT TYPE: Elective****Recommendation:** Grade of B or above in previous English class

The students in this journalism course will produce the photographs for the school newspaper and yearbook. This class involves after-school work. The students' coursework will prepare them for entrance into a college journalism program. Students interested in photography for this publication should see the adviser for information.

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## ENGLISH LANGUAGE ARTS – *continued*

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### **YEARBOOK I**

**COURSE #:** HS0176

**GRADES:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** Journalism I

**CREDIT TYPE:** Elective, Practical Arts

**Recommendation:** Grade of B or above in previous English class

The students in this course will learn the skills necessary for yearbook production. The class covers all the fundamentals, including copy writing, editing, layout design, planning, organization, and photography. Students will learn the software used for computer production and will be assigned articles for the yearbook publication. This course will prepare the student for entrance into advanced yearbook.

### **ENGLISH III**

**COURSE #:** HS0120

**GRADE:** 11

**CREDITS:** 1 Unit

**Prerequisite:** A student must have passed or be concurrently enrolled in one semester of English II before he/she can enroll in English III or AP English Language

**CREDIT TYPE:** English

Students will further develop their skills in composition, research, analysis, problem solving, and critical thinking. This course involves a review of the structure of English and usage skills in preparation for the ACT. Students will develop their skills in drawing inferences in their reading and in analysis. Students will discuss major themes in American literature and will write research based essays.

### **AP ENGLISH LANGUAGE & COMPOSITION\*\***

**COURSE #:** HS0123

**GRADE:** 11

**CREDITS:** 1 Unit

**Prerequisite:** Successful completion of English II or World Lit & Comp

**CREDIT TYPE:** English

**Recommendation:** Grade of B or above in World Lit & Comp or English II

Students will read and analyze the structure, rhetorical strategies and themes developed in various prose texts, focusing on nonfiction writings by essayists, journalists, political writers, biographers and historians, and social critics; they will also read at least two major American literary works, focusing on rhetorical techniques used to develop themes in those texts. They will also hone their skills in writing persuasive essays, textual analysis essays, and arguments with research-based support. This course will prepare students for college writing assignments, for the AP English Language and Composition Exam, and for the reading and English ACT tests. An additional honor point will be given for the successful completion of each semester of this course.

### **AMERICAN ARTS & CULTURE SINCE WWII**

**COURSE #:** HS1530

**GRADES:** 11-12

**CREDITS:** ½ Unit

**CREDIT TYPE:** Elective

Students will consider and respond to several essential questions about the American culture in the post-World War II era. Through work on individual and group research, decision-making activities, simulations, and oral and written performances, students will practice organizing and analyzing skills and will reflect on the major cultural changes in our society since World War II.

### **ENGLISH COMPOSITION 110\*\***

**COURSE #:** HS0186

**GRADES:** 11-12

**CREDITS:** ½ Unit

**Prerequisite:** 3.0 GPA & UMKC application approval requirements. 11<sup>th</sup> grade students enrolling in this class must still be enrolled in English III or AP English Language

**CREDIT TYPE:** English

**Recommendation:** Teacher's recommendation and a portfolio evaluated by the 110 instructor

**Dual/Articulated Credit:** 3 hours

This intensive writing and reading course builds on the student's past writing experiences and provides the opportunity to develop a more sophisticated writing process. Students will develop critical thinking and reading skills as they read and respond to a variety of texts exploring social, historical, and cultural contexts. Students will develop their critical thinking and writing skills as they draft a series of papers. This course offers the possibility of earning three (3) college credit hours in English Composition through UMKC. Students must meet the enrollment criteria established by UMKC. Students may also earn one weighted/honor point for successful completion of this course for college credit. The UMKC fee is required for earning college credit.

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**ENGLISH LANGUAGE ARTS – *continued***

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**ENGLISH 214—INTRODUCTION TO FICTION\*\*****COURSE #: HS0187****GRADES 11-12****CREDITS: ½ Unit****Prerequisite:** 3.0 GPA and UMKC approval. 11<sup>th</sup> grade students enrolling in this class must still be enrolled in English III or AP English Language**CREDIT TYPE: English****Dual/Articulated Credit:** 3 Hours

This course involves the critical reading of short stories and novels selected from all periods of English, American, and European literatures. This course introduces the systematic study of fiction as a literary genre and will equip students for more advanced work in literature. Writing assignments will be responses to the literary texts. This course offers the possibility of earning three (3) college credit hours in English 214, Intro to Fiction, through UMKC. Students must meet the enrollment criteria established by UMKC. Students may also earn one weighted/honor point for successful completion of this course for college credit. The UMKC fee is required for earning college credit.

**INTRODUCTION TO COLLEGE WRITING (previously Computer Composition)****COURSE #: HS0182****GRADE: 11-12****CREDITS: ½ Unit****Prerequisite:** 1 semester of English III or AP English Lang**CREDIT TYPE: English**

Intended for students who want to improve the writing skills developed in previous English courses, this course is based on the writing process approach. Students will learn prewriting, composing, revising, and editing techniques. Students will also study published essay models and will learn a process for essay analysis and evaluation. Grammar and usage skills will be reviewed in preparation for the ACT.

**MODERN LITERATURE****COURSE #: HS0180****GRADE: 11-12****CREDITS: ½ Unit****Prerequisite:** 1 semester of English III or AP English Lang**CREDIT TYPE: Elective**

Students will read and explore a variety of literary works, including short stories, novels, plays, and films from varied cultures. The study of the works will emphasize an understanding of traditions unique to the various cultures. Students will learn and practice strategies to improve comprehension and will develop their analytical skills. Writing assignments will be expository and will emphasize analysis and evaluation. Tests over the literature will include items requiring critical thinking and problem solving.

**MODERN NONFICTION****COURSE #: HS0189****GRADE: 11-12****CREDITS: ½ Unit****Prerequisite:** 1 semester of English III or AP English Lang**CREDIT TYPE: Elective**

Students will read a variety of nonfiction such as the newspaper and magazines articles, biographies, essays, speeches, memoirs, docudramas, and investigative reports. The course will include a wide range of strategies to comprehend, interpret, evaluate and appreciate these texts.

**NEWSPAPER II****COURSE #: HS0170****GRADES: 11-12****CREDITS: 1 Unit****Prerequisite:** Newspaper I or Journalism I, and newspaper teacher approval.**CREDIT TYPE: Elective, Practical Arts**

Students have the opportunity to experience all facets of newspaper production, including writing, in-depth reporting, copy editing, layout and design, photography, and advertising. Students learn the responsibilities of newspaper journalists as editors on the school newspaper staff. Students will write news, features, editorials, sports columns, and in-depth stories for the school newspaper. They will serve as editors and assistant editors on the staff. Because of the hands-on nature of the class, students will prepare for a future in journalism.

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**ENGLISH LANGUAGE ARTS – *continued***

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**YEARBOOK II****COURSE #:** HS0178**GRADES:** 11-12**CREDITS:** 1 Unit**Prerequisite:** Journalism I, Yearbook I, grade of B or above in previous English class and yearbook teacher approval.**CREDIT TYPE:** Elective, Practical Arts

The students in this advanced journalism course will produce the school yearbook. Each person handles certain portions of the book; meeting deadlines is a necessity. This course involves after-school work. Students interested in photography for this publication should see the advisor for information.

**ENGLISH IV****COURSE #:** HS0138**GRADE:** 12**CREDITS:** 1 Unit**Prerequisite:** English III or AP English Language and Composition**CREDIT TYPE:** English

Students will develop the reading and writing skills needed to read college-level texts and to succeed in postsecondary writing courses. This course will focus on reading nonfiction texts and on the following types of writing: summaries, college admissions essays, textual analysis, research-based synthesis, and persuasive essays. Students will review skills needed for success on the ACT and COMPASS tests and will read several major works in British literature.

**AP ENGLISH LITERATURE & COMPOSITION\*\*****COURSE #:** HS0140**GRADE:** 12**CREDITS:** 1 Unit**Prerequisite:** English III or AP English Lang**CREDIT TYPE:** English

Students do an in-depth study of major works in literature, concentrating on the skills of analysis and evaluation of literary texts to prepare them for the AP English Lit & Comp exam and for advanced studies in college. An honor point may be earned for each semester. It is recommended that students have earned an "A" or "B" in English III or American Lit & Comp, have strong verbal skills, and have good study and attendance habits. The student's English teacher's recommendation may be requested. All students are expected to take the AP exam and pay the examination fee.

**\*\* Students enrolling in dual credit and/or AP classes need to check with the college/university they are planning on attending regarding transferability and acceptable grades.**

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**FAMILY AND CONSUMER SCIENCES** (All courses listed fulfill Practical Arts requirement)

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**DISCOVERING FCS (Freshman Center Only)****COURSE #: FC1110****GRADE: 9****CREDITS: ½ Unit****CREDIT TYPE: Practical Art**

This course offers students the opportunity to learn skills for independent living. Topics to be covered include career and family leadership, childcare, clothing, consumer education, family and individual health, family living, parenthood, food preparation skills, careers, and housing. Membership and participation in FCCLA, a student organization to promote Family and Consumer Science, is encouraged.

**CHILD DEVELOPMENT****COURSE #: HS1116****GRADES: 9-12****CREDITS: ½ Unit****CREDIT TYPE: Practical Art**

This course is intended for those who take seriously the responsibility of parenthood and/or plan to work in a child-related profession. Emphasis is on parenting skills, teenage pregnancy, childbirth, prenatal and postnatal care of infants, developmental patterns of children, and the effects of heredity and environment. Child safety, child abuse, career opportunities, and other related topics to the developing child will be discussed. Membership and participation in FCCLA, a student organization to promote Family and Consumer Science, is encouraged.

**NUTRITION & WELLNESS****COURSE #: HS1153****GRADES: 9-12****CREDITS: ½ Unit****CREDIT TYPE: Practical Art**

This is an introductory course in basic nutrition that will cover the following topics: safety and sanitation in the kitchen, kitchen management, basic food purchasing, microwave cooking, grains, preparation and storage skills, dietary needs throughout the life cycle, and food service career exploration. Sports nutrition, eating disorders, and malnutrition are explored in depth. This course involves a variety of classroom techniques as well as laboratory experienced. Membership and participation in FCCLA, a student organization to promote Family and Consumer Science, is encouraged.

**CHILD CARE & GUIDANCE****COURSE #: HS1118****GRADES: 10-12****CREDITS: ½ Unit****Prerequisite:** Child Development**CREDIT TYPE: Practical Art**

Course content will include childcare and development concepts that have significance for those who are interested in working in a child care occupation or other child-related profession, as well as for potential parents. An actual preschool situation will be provided. Emphasis will be on early childhood education. Students will be responsible for children aged three to five, three times a week. Students are required to teach the preschoolers and write a case study regarding the development and progress of one preschooler in the class. Observation journals and active participation will also be required of students. Membership and participation in FCCLA, a student organization to promote Family and Consumer Science, is encouraged.

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**FAMILY AND CONSUMER SCIENCES – *continued***

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**FASHION & APPAREL I****COURSE #:** HS1121**GRADES:** 10-12**CREDITS:** ½ Unit**CREDIT TYPE:** Practical Art

Fashion & Apparel I will involve students in critical thinking through fashion and consumer awareness, clothing selection and care, project construction, technology, and careers. Students will design original fashion silhouettes, create window dressings, and study the fashion industry's impact on the consumer. This class is designed as an introductory course for students who have little or no experience with sewing and clothing construction. Students will select their own patterns, with approval, and sew garments to learn basic sewing techniques. Students are responsible for sewing supplies and fabric for construction of projects, which may cost from \$75 and up, depending on projects selected. Membership and participation in FCCLA, a student organization to promote Family and Consumer Science, is encouraged.

**FASHION & APPAREL II****COURSE #:** HS1122**GRADES:** 10-12**CREDITS:** ½ Unit**Prerequisite:** Fashion & Apparel I**CREDIT TYPE:** Practical Art

This course is designed for students who have a strong interest in textiles or fashion. Students explore fashion and textile career opportunities and fashion publications. Students discuss and apply basic entrepreneurship opportunities and develop leadership and employability skills. Students study textiles, historic costumes, fabric, fit and pattern selection, and learn how to evaluate ready-to-wear and hand-constructed garments. A variety of visual merchandising displays, including a "store" window will be required. Students discuss fashion designers and develop an original fashion with design inspiration and sketches. The fashion projects created in this course use more advanced techniques and difficulty. Students are responsible for sewing supplies and fabric for the construction of projects, which may cost from \$75 and up, depending on projects selected. Membership and participation in FCCLA, a student organization to promote Family and Consumer Science, is encouraged.

**HOUSING ENVIRONMENTS AND DESIGN****COURSE #:** HS1128**GRADES:** 10-12**CREDITS:** ½ Unit**CREDIT TYPE:** Practical Art

Course content includes types of housing, determining when to buy, build or rent a home, guides to architecture, construction, home financing, fundamental principles of home planning, floor plans, work centers, traffic patterns, energy efficiency, use and effect of colors, study of furniture styles, furniture selection and arrangement, wall and floor coverings, and window treatments. Students will draw a floor plan to scale and arrange furniture in the rooms according to set guidelines. This course involves some math skills and does not deal strictly with interior design. Membership and participation in FCCLA, a student organization to promote Family and Consumer Science, is encouraged.

**WORLD FOODS****COURSE #:** HS1152**GRADES:** 10-12**CREDITS:** ½ Unit**Prerequisite:** Nutrition and Wellness or equivalent**CREDIT TYPE:** Practical Art

Units of study include advanced nutrition and food preparation techniques, cultural and geographical influences on eating habits, world hunger, and cuisines of regional America, Mexico, Spain, Italy, France, Asia, and Latin America. Additional cuisines are determined by student interest. Membership and participation in FCCLA, a student organization to promote Family and Consumer Science, is encouraged.

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## **FAMILY AND CONSUMER SCIENCES – *continued***

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### **ADVANCED CHILD CARE**

**COURSE #:** HS1120

**GRADES:** 11-12

**CREDITS:** ½ Unit

**Prerequisite:** Child Care 1118, pass Child Care & Guidance with a grade C or above

**CREDIT TYPE:** Practical Art

Course content will include childcare and development concepts that have significance for those who are interested in working in a child care occupation or other child-related profession, as well as for potential parents. An actual preschool situation will be provided. Emphasis will be on early childhood education. Students will be responsible for children aged three to five, three times a week. Students are required to teach the preschoolers and prepare a teaching portfolio. Observation journals and active participation will also be required of students. Membership and participation in FCCLA, a student organization to promote Family and Consumer Science, is encouraged.

### **CULINARY SKILLS I**

**COURSE #:** HS1154

**GRADES:** 11-12

**CREDITS:** 1 Unit

**CREDIT TYPE:** Practical Art

This is the first of two ProStart Culinary Arts classes that are designed for the student who wants to pursue a career in culinary arts, food service or the hospitality industry. Students have the opportunity to earn a National ProStart Culinary Arts Certificate of Achievement and articulated college credit. Instruction focuses on food safety and sanitation, understanding standard recipes, equipment usage, building a successful career, management essentials, serving guests, and food preparation techniques such as stocks, sauces, soups, fruits and vegetables, and potatoes and grains. Students are encouraged to work in foodservice to complete required work experience competencies by the end of year two. Students are eligible to try out for FCCLA and ProStart culinary competition teams. Membership and participation in FCCLA, a student organization to promote Family and Consumer Science, is encouraged.

### **CULINARY SKILLS II**

**COURSE #:** HS1155

**GRADES:** 11-12

**CREDITS:** 1 Unit

**Prerequisites:** Pass Culinary Skills I with a grade C or above

**CREDIT TYPE:** Practical Art

This is the second year of the 2 year program designed for students working toward the ProStart Culinary Arts Certificate. Instruction includes food preparation techniques in breakfast foods, sandwiches, salads, garnishing, meats, poultry and fish, desserts and baked goods, and global cuisines. Students study marketing, cost control, menu development and nutrition as part of preparing for a successful career. Students must complete their 400 required foodservice hours by the end of year two to earn the National Certificate of Achievement. Students are eligible to try out for FCCLA and ProStart culinary competition teams. Membership and participation in FCCLA, a student organization to promote Family and Consumer Science, is encouraged.

### **FAMILY RELATIONS**

**COURSE #:** HS1130

**GRADES:** 11-12

**CREDITS:** ½ Unit

**CREDIT TYPE:** Practical Art

Family Relations is a class for Juniors and Seniors about the inter-relationships among family members. Course content helps students to understand the problems that can occur in families and the student's role in those situations. Subject areas studied are personal growth, development of reasoning skills, family functions, the life cycle of a family, handling conflict and communication in families, constructive ways of handling stress, and skills and techniques for better relationships, including marriage, dating, mate selection and marriage laws and customs. Membership and participation in FCCLA, a student organization to promote Family and Consumer Science, is encouraged.

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## FOREIGN LANGUAGE

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Elective credit only; these do not fulfill a specific graduation requirement. Many colleges require foreign language in high school for admission. Check with the college of your choice. American Sign Language is considered a foreign language by some colleges and universities.

### **FRENCH I**

**COURSE #:** HS0602

**GRADES:** 9-12

**CREDITS:** 1 Unit

**CREDIT TYPE:** Elective

This class consists of basic skills in speaking, listening, comprehension, reading, writing and culture with an introduction to simple grammar. Any student who has passed Level I of this class with a "B" or above during Level I, and who wishes to continue courses in the same language, will be required to enroll in Level II.

### **GERMAN I**

**COURSE #:** HS0642

**GRADES:** 9-12

**CREDITS:** 1 Unit

**CREDIT TYPE:** Elective

This course consists of basic skills in speaking, listening, comprehension, reading and writing. A verbal approach will be used as a foundation for learning German. Cultural aspects of German-speaking nations will be blended into the course where appropriate.

### **SPANISH I**

**COURSE #:** HS0622

**GRADES:** 9-12

**CREDITS:** 1 Unit

**CREDIT TYPE:** Elective

This class consists of basic skills in speaking, listening comprehension, reading, writing, and culture with an introduction to simple grammar. Any student who has passed level I of this class with a "B" or above during eighth grade, and who wishes to continue courses in the same language, will be required to enroll in level II for ninth grade.

### **FRENCH II**

**COURSE #:** HS0606

**GRADES:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** French I

**CREDIT TYPE:** Elective

This class is a continuation of study of the skills acquired in French I with an emphasis on writing and more complex grammar.

### **GERMAN II**

**COURSE #:** HS0646

**GRADES:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** German I

**CREDIT TYPE:** Elective

This course continues the studies and skills acquired in German I. Emphasis will be given to complex grammar points, advanced verbal skills and increased reading and writing ability as well as the cultural aspects of German speaking countries.

### **SPANISH II**

**COURSE #:** HS0626

**GRADES:** 9-12

**CREDITS:** 1 Unit

**Prerequisite:** Spanish I

**CREDIT TYPE:** Elective

This class is a continuation of study of the skills acquired in Spanish I with an emphasis on writing and more complex grammar.

### **SPANISH III**

**COURSE #:** HS0630

**GRADES:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** Spanish II

**CREDIT TYPE:** Elective

This class is designed for those students who wish to continue their study of the Spanish language. Emphasis is on increased verbal skill, more complex grammar, expanded vocabulary, and increased ability in reading and writing.

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**FOREIGN LANGUAGE – *continued***

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**ADVANCED FRENCH LITERATURE,  
COMPOSITION & CONVERSATION****COURSE #: HS0618****GRADES: 11-12****CREDITS: 1 Unit****CREDIT TYPE: Elective****Prerequisite:** French III

This course will include the study of the classic French literature, culture, and history. Emphasis will be placed on advanced readings, composition, and conversation in French.

**FRENCH III/UMKC French 110-120\*\*****COURSE #: HS0608****GRADES: 11-12****CREDITS: 1 Unit****Prerequisite:** French II, UMKC requirements including a 3.0 if taking for college credit**CREDIT TYPE: Elective****Dual Credit:** 5 hours per semester of credit (UMKC 110 Sem 1 and UMKC 120 Sem 2) may be earned by students who successfully complete the UMKC course requirements outlined in the instructor's syllabus and the university catalog. Grades are recorded on the student's UM system transcript. UMKC will direct bill at reduced rates.

This class is designed for students who wish to continue their study of the French language and focus on their ability to speak and understand simple (spoken) French as well as to read and write simple prose. Emphasis is on increased verbal skill, more complex grammar, expanded vocabulary, and increased ability in reading and writing. An honor point may be earned for each semester passed. Students may earn 5 hours of college credit per semester if they meet UMKC prerequisites. A UMKC fee is required if this course is taken for college credit.

**GERMAN III/College I\*\*****COURSE #: HS0651****GRADES: 11-12****CREDITS: 1 Unit****Prerequisite:** German II and/or instructor's approval, 3.0 GPA, UMKC enrollment guidelines**CREDIT TYPE: Elective****Recommendations:** Minimum grade of C in prerequisite course or proficiency assessment**Dual Credit:** 5 hours per semester of credit (German 110 first semester and German 120 second semester) may be earned by students who successfully complete the UMKC course requirements as outlined in the instructor's syllabus and the university catalogue. Grades are recorded on the student's UM system transcript. UMKC will direct bill at reduced rates or provide tuition assistance to concurrently enrolled students.

This course continues to develop all four language skills (to read and write in simple prose as well as listen, understand, and speak simple discourse) in German. Students will learn expanded structures of German grammar and increase their ability using these structures communicatively by talking in class and through short writing assignments. Students will also learn about German culture and history through readings and class discussions. Students will be introduced to German literature and will watch a German feature film. An honor point may be earned for each semester passed of this course.

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**FOREIGN LANGUAGE – *continued***

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**ADVANCED SPANISH LITERATURE,  
COMPOSITION & CONVERSATION****COURSE #:** HS0639**GRADES:** 11-12**CREDITS:** 1 Unit**CREDIT TYPE:** Elective**Prerequisite:** Spanish III

This class will be a continuation of Spanish for those students who are more serious language students. The class will center on literature, including poetry, drama, short stories, and excerpts of novels. The students will work on skills in reading, writing, speaking, and listening in Spanish.

**AP SPANISH\*\*****COURSE #:** HS0634**GRADES:** 11-12**CREDITS:** 1 Unit**Prerequisite:** Spanish III**CREDIT TYPE:** Elective

A thorough language review course for upper level Spanish students preparing to take the college AP examination. Emphasis is placed on the practice of reading, writing, listening, and speaking in Spanish as tested in the AP examination. A weighted/honor point may be earned for each semester passed. All students are expected to take the AP exam and pay the examination fee.

**PRE-AP SPANISH****COURSE #:** HS0636**GRADES:** 11-12**CREDITS:** 1 Unit**Prerequisite:** Spanish III**CREDIT TYPE:** Elective**Recommendation:** Teacher recommendation

This course is designed for those students with a strong background in Spanish. This rapidly paced course will prepare students for the rigors of AP Spanish. It is designed to review and build on grammatical points as tested on the AP Spanish exam. The course will also provide opportunities to improve reading, writing, listening and speaking skills. One honor point may be earned for the successful completion of this full-year course at the end of the year.

**FRENCH IV/UMKC FRENCH 211-221\*\*****COURSE #:** HS0612**GRADES:** 12**CREDITS:** 1 Unit**Prerequisite:** French III/UMKC Fresh 110-120, UMKC requirements including a 3.0 if taking for college credit**CREDIT TYPE:** Elective**Dual Credit:** 3 hours per semester of credit (UMKC 211 first semester and UMKC 221 second semester) may be earned by students who successfully complete the UMKC course. Grades will be recorded on the student's UM system transcript. UMKC will direct bill at reduced rates.

Designed for students who wish to further develop their comprehensive and communicative skills in the language. Readings of moderate difficulty, grammar review and practice in writing are incorporated. The goal is attainment of intermediate proficiency in the language. An honor point may be earned for each semester passed. Students may earn 3 hours of college credit per semester if they meet UMKC prerequisites. A UMKC fee is required if this course is taken for college credit.

***Foreign Language continued on next page***

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**FOREIGN LANGUAGE – *continued***

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**GERMAN IV/College II\*\*****COURSE #:** HS0654**GRADES:** 12**CREDITS:** 1 Unit**Prerequisite:** German III, completion of UMKC110/120, UMKC enrollment guidelines**CREDIT TYPE:** Elective**Recommendations:** Minimum grade of C in prerequisite course**Dual Credit:** 3 hours per semester of credit may be earned for students that meet UMKC guidelines. (German 211 and German 221 UMKC)

This course is designed to be a thorough language review course for upper level German students. This course entails further development of comprehension and communicative skills, reading of moderate difficulty that increases student's knowledge of German culture and history, grammar review, and practice in writing. All this will be obtained through the text, practices, and vocabulary in the textbook as well as additional materials. The goal is attainment of intermediate proficiency in the language and application of the newly learned concepts. An emphasis is also placed on the practice of reading, writing, listening and speaking in German. Students will write essays, a film journal, and read a classic German drama. Students in this course will participate in active discussions in German as much as possible. An additional weighted/honor point may be earned for each semester passed of this course.

**\*\* Students enrolling in dual credit and/or AP classes need to check with the college/university they are planning on attending regarding transferability and acceptable grades.**

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**INDUSTRIAL / TECHNICAL EDUCATION** (All courses fulfill Practical Arts requirements)

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**DRAFTING FUNDAMENTALS I****COURSE #:** HS1018**GRADES:** 9-12**CREDITS:** ½ Unit**CREDIT TYPE:** Practical Art

Students will be introduced to the world of technical drawing. Students will develop practical skills used throughout the technological world to visually communicate how a product functions or has to be built. *Basic practical math skills are reinforced. No previous experience in drafting is required.*

**HOME MAINTENANCE AND REPAIR****COURSE #:** HS1030**GRADES:** 9-12**CREDITS:** ½ Unit**CREDIT TYPE:** Practical Art

Maintaining a home and keeping it in good repair will be the main interests in this course. Some of the tools, materials, processes and products associated with the maintenance of the home will be studied. This course will provide occupational information that deals with plumbing, carpentry, house wiring, wall coverings, concrete work, and various other home repairs. Consumer knowledge of safety will also be emphasized throughout this class.

**ARCHITECTURAL DRAWING****COURSE #:** HS1024**GRADES:** 10-12**CREDITS:** 1 Unit**Prerequisite:** Drafting Fundamentals I**CREDIT TYPE:** Practical Art

Students study basic elements and techniques related to the architectural drawing industry. Students will develop and draw residential architectural plans for a three-bedroom home including basement and garage. They will develop technical drawing skills using manual and CAD techniques. *Basic personal computer skills and manual drafting skills are recommended.*

**COMPUTER AIDED DESIGN I****COURSE #:** HS1034**GRADES:** 10-12**CREDITS:** ½ Unit**Prerequisite:** Drafting Fundamentals I**CREDIT TYPE:** Practical Art

Students will develop computer-aided drafting and design skills. Using advanced computer software, students perform CAD design, solid modeling, and develop problem-solving skills. Basic personal computer and manual drafting skills are recommended.

**COMPUTER AIDED DESIGN II****COURSE #:** HS1036**GRADES:** 10-12**CREDITS:** ½ Unit**Prerequisite:** CAD I**CREDIT TYPE:** Practical Art

Students will further develop their skills and knowledge in solid modeling/CAD on project based activities. Solid modeling/CAD drafting is recommended for many career fields such as engineering, architecture, manufacturing, and construction.

**GENERAL METALS****COURSE #:** HS1010**GRADES:** 10-12**CREDITS:** ½ Unit**CREDIT TYPE:** Practical Art

Students will learn practical metalworking skills and techniques. Students will build projects using available metalworking tools and processes. Safe operation of hand tools, power tools, and measuring instruments help students understand processes and develop abilities and interests in technology as it applies to use in everyday life and in industry. *Basic practical math skills are reinforced.*

**GENERAL WOODWORKING I****COURSE #:** HS1014**GRADES:** 10-12**CREDITS:** ½ Unit**CREDIT TYPE:** Practical Art

The students will study the basic elements of woodworking and develop an interest and understanding of wood technology. Emphasis in this class is on wood identification, problem solving techniques and the development of basic skills and safety with both hand and power tools. By the end of the course the students will sketch, plan, and build a wood project. If students wish to keep their projects, they must pay for the materials used.

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**INDUSTRIAL / TECHNICAL EDUCATION – *continued***

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**GENERAL WOODWORKING II****COURSE #:** HS1015**GRADES:** 10-12**CREDITS:** ½ Unit**Prerequisite:** General Woodworking I with a recommended grade C or above and teacher approval**CREDIT TYPE:** Practical Art

This course is for those students who wish to continue developing their skills in woodworking but cannot take the full-year course. Projects in this class will be similar to those in Advanced Woodworking but will be smaller and less difficult to design.

**METALS TECHNOLOGY****COURSE #:** HS1012**GRADES:** 10-12**CREDITS:** ½ Unit**Prerequisite:** General Metals**CREDIT TYPE:** Practical Art

Students will explore advanced metalworking processes and technology. Practical experiences range from computer design and fabrication, machining and casting, to current production technology. Students will also be introduced to the growing field of high-tech occupations, and they will become better-educated consumers.

**SMALL ENGINE REPAIR****COURSE #:** HS1028**GRADES:** 10-12**CREDITS:** ½ Unit**CREDIT TYPE:** Practical Art

This course is designed to trace the basics of power machines from their historical beginning to the tools, materials, and methods of current small engine repair. This course emphasizes the use, care, and maintenance of the various gauges, tools, materials, and testing equipment used in the laboratory. The students will apply what they have learned by disassembling fuel and exhaust systems, ignition systems, and lubricating systems. Safety around moving parts and machines will be taught. The various occupations related to the power industries will also be studied. Each student will provide his/her own small gasoline engine for laboratory use. Cost to the student for the class will be for repair parts for the engine.

**ADVANCED WOODWORKING****COURSE #:** HS1016**GRADES:** 11-12**CREDITS:** 1 Unit**Prerequisite:** General Woodworking I and teacher approval**CREDIT TYPE:** Practical Art

The objectives of this course include furniture design and construction and technical woodworking procedures. This class is designed for students interested in developing and refining their woodworking skills by planning and manufacturing instructor-approved projects. The student will be responsible for the cost of all materials used in the construction of their projects.

**CONSTRUCTION TECHNOLOGY****COURSE #:** HS1032**GRADES:** 11-12**CREDITS:** 3 Units**CREDIT TYPE:** Practical Art

This course is designed for students interested in developing skills and careers in either construction or building remodeling. This course instructs students in architectural blueprints, job scheduling, site layout, bid formulation, building and zoning laws, and industrial safety. The student will participate in on-the-job activities such as carpentry, metal building fabrication, electrical house wiring, plumbing, concrete technology, and landscaping. This course meets in a three-hour block for the entire year. There is no fee for the students.

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**INDUSTRIAL / TECHNICAL EDUCATION – *continued***

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**MECHANICAL DRAWING I**  
**COURSE #:** HS1022  
**GRADES:** 11-12  
**CREDITS:** ½ Unit  
**Prerequisite:** CAD II  
**CREDIT TYPE:** Practical Art

Students will increase their drafting skills and gain more technical knowledge of the drafting industry. The course is mainly mechanical and technical with some possible map work. All work is done with drafting machines and/or computers.

**MECHANICAL DRAWING II**  
**COURSE #:** HS1023  
**GRADES:** 11-12  
**CREDITS:** ½ Unit  
**Prerequisite:** Mechanical Drawing I  
**CREDIT TYPE:** Practical Art

This course is a more in-depth study of the drafting industry and skills needed for successful work in drafting. Mechanical and technical skills are emphasized through work with drafting machines and/or computers.

**CONSTRUCTION TECHNOLOGY  
INTERNSHIP**  
**COURSE #:** HS1033  
**GRADE:** 12  
**CREDITS:** 1 Unit  
**Prerequisite:** Construction Technology  
**CREDIT TYPE:** Practical Art

Students are placed in a work release vocational career-training job. This employment is directly related to the development of skills necessary for successful employment in the field of crafts related to all construction. This on-the-job experience is supervised by the Construction Technology instructor, who has been approved by the Missouri Department of Vocational Education. The student must have earned credit in the Construction Technology program the junior year in order to be qualified for this work release program. Students must work a minimum of 15 hours a week on the approved job.

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## MATHEMATICS

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**ALGEBRA A**  
**COURSE #:** HS0318  
**GRADE:** 9  
**CREDITS:** 1 Unit  
**CREDIT TYPE:** Math

The subject matter covered in this course is approximately equal to that covered in one semester of the Algebra I class. This course introduces students to Algebra, which is taught at a reduced pace giving the student the extra time and practice needed to master these important skills. After the student passes Algebra A, he/she will be enrolled in Algebra B.

**ALGEBRA I**  
**COURSE #:** HS0330  
**GRADE:** 9  
**CREDITS:** 1 Unit  
**CREDIT TYPE:** Math

This course is an entry level course for advanced mathematics classes. The student will begin to work with variables, expression, and basic equations. The student will then progress to solving linear and quadratic equations, graphing those equations and factoring them. Students will also be asked to solve word problems a person may encounter in everyday life situations.

**GEOMETRY**  
**COURSE #:** HS0334  
**GRADES:** 9-12  
**CREDITS:** 1 Unit  
**Prerequisite:** Algebra I  
**CREDIT TYPE:** Math

This course provides a variety of topics using shapes with problems, proofs, and basic constructions so that the student has the opportunity to analyze and practice independent thinking. This expanded knowledge will allow students to enhance their Algebra skills by using 2-dimensional and 3-dimensional geometric figures and appropriate formulas.

**ALGEBRA B**  
**COURSE #:** HS0319  
**GRADE:** 10  
**CREDITS:** 1 Unit  
**Prerequisite:** Algebra A  
**CREDIT TYPE:** Math

This course is the second of a two-year program designed to give a student the full experience of Algebra I without the fast pace of a single-year course. Algebra B is equivalent to the second semester of Algebra I. The student must successfully complete both Algebra A and Algebra B or Algebra I before enrolling in the next succeeding course.

**ALGEBRA II**  
**COURSE #:** HS0338  
**GRADES:** 10-12  
**CREDITS:** 1 Unit  
**Prerequisite:** Geometry or Technical Geometry  
**CREDIT TYPE:** Math

This course builds upon and extends the concepts, skills and understanding learned in Algebra I. The course will also introduce more advanced topics that will serve as a foundation for Pre-AP Calculus, Trigonometry and College Algebra. **Suggested Calculator is TI-83 Plus or TI-84.**

**TECHNICAL GEOMETRY**  
**COURSE #:** HS0332  
**GRADES:** 10-12  
**CREDITS:** 1 Unit  
**Prerequisite:** Algebra B  
**CREDIT TYPE:** Math

This course is designed for those students who will benefit from an application approach to geometric concepts. Focus will be on measurement, including coordinate geometry, area, volume, ratios, proportions, and basic trigonometric formulas.

**ADVANCED ALGEBRA**  
**COURSE #:** HS0346  
**GRADES:** 11-12  
**CREDITS:** 1 Unit  
**Prerequisite:** Algebra II  
**CREDIT TYPE:** Math

This course is designed for students who want or need more instruction in the area of algebra. Advanced Algebra will expand upon concepts learned in previous courses. This course will prepare the students for college level work in mathematics. **Suggested calculator is TI-83 Plus or TI-84.**

## MATHEMATICS – *continued*

### **COLLEGE ALGEBRA PREP/COLLEGE ALGEBRA (MCC MATH 120)\*\***

**COURSE #:** HS0358

**GRADES:** 11-12

**CREDITS:** 1 Unit

**Prerequisites:** Algebra II and/or Pre-Calculus, 3.0 GPA, and a qualifying score on the ACT or COMPASS assessment

**CREDIT TYPE:** Math

**Dual/Articulated Credit:** 3 hours for qualified students second semester

A sophisticated study of relations, functions, and their graphs, ratios, proportion, variation, quadratic and quadratic form equations, theory of higher degree equations, systems of equations, inequalities, and determinants. The first semester provides a strong foundation for taking College Algebra (Math 120) during second semester. Students may earn three hours of college credit through the Metropolitan Community Colleges system if they meet MCC requirements during second semester. One honor point may be earned for successful completion of the course for college credit at the end of the year. The MCC fee is required for college credit and must be paid within the first week of the semester. If a student elects to take the dual credit class for no college credit, he/she must still meet district requirements.

### **COLLEGE ALGEBRA (MCC MATH 120) Semester Long\*\***

**COURSE #:** HS0360

**GRADES:** 11-12

**CREDITS:** ½ Unit

**Prerequisites:** Algebra II and/or Pre-Calculus, 3.0 GPA, and qualifying score on the ACT or COMPASS assessment

**CREDIT TYPE:** Math

**Dual/Articulated Credit:** 3 hours available for qualified students - MCC

A sophisticated study of relations, functions, and their graphs, ratios, proportion, variation, linear equations, problem solving, quadratic and quadratic form equations, theory of higher degree equations, systems of equations, inequalities, and determinants. Students may earn three hours of college credit through the Metropolitan Community Colleges system if they meet MCC requirements. One honor point may be earned for successful completion of the course for college credit at the end of the semester. The MCC fee is required for college credit and must be paid within the first week of the semester. If a student elects to take the dual credit class for no college credit, he/she must still meet district requirements.

### **COLLEGE STATISTICS (MCC MATH 115)\*\***

**COURSE #:** HS0352

**GRADES:** 11-12

**CREDITS:** ½ Unit

**Prerequisite:** Algebra II and 3.0 GPA and qualifying score on the ACT or COMPASS assessment

**CREDIT TYPE:** Math

**Dual/Articulated Credit:** 3 hours available for qualified students - MCC

Covers descriptive and inferential statistics, ungrouped and grouped data, elementary probability, discrete and continuous statistical inference, significance and distribution measures, and regression and correlation analysis. Students not taking for college credit must have completed Algebra II in order to enroll. Students may earn three hours of college credit through the Metropolitan Community Colleges system if they meet MCC requirements. One honor point may be earned for successful completion of the course for college credit at the end of the semester. The MCC fee is required for college credit and must be paid within the first week of the semester. If a student elects to take the dual credit class for no college credit, he/she must still meet district requirements.

### **COLLEGE TRIGONOMETRY (2<sup>nd</sup> Semester) (MCC MATH 130)\*\***

**COURSE:** HS0362

**GRADES:** 11-12

**CREDITS:** ½ Unit

**Prerequisites:** College Alg (MCC Math 120) or Pre-AP Calculus, 3.0 GPA and a qualifying score on ACT or COMPASS assessment

**CREDIT TYPE:** Math

**Dual/Articulated Credit:** 3 hours available for qualified students - MCC

An advanced study of angle based trigonometric functions and their inverses, multiple angle formulas, identities, conditional equations, radian measure, arc length, angular velocity, function graphing, logarithms, and tables; and it will include solution of triangles. Students may earn three hours of college credit through the Metropolitan Community Colleges system if they meet MCC requirements. An honor point may be earned for successful completion of this course. The MCC fee is required for college credit and must be paid within the first week of the semester. If a student elects to take the dual credit class for no college credit, he/she must still meet district requirements.

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**MATHEMATICS – *continued***

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**PRE-AP CALCULUS AB****COURSE #:** HS0355**GRADES:** 11-12**CREDITS:** 1 Unit**Prerequisite:** Geometry and Algebra II**CREDIT TYPE:** Math**Recommendation:** A grade of B or above in Algebra II & Geometry

This course is designed for those students with a strong background in Algebra II and Geometry. This rapidly paced course will prepare students for the rigors of AP Calculus. It is designed to go into algebraic and trigonometric concepts in the detail needed for AP Calculus. One honor point may be earned for successful completion of this full-year course at the end of the year.

**TRIGONOMETRY****COURSE #:** HS0348**GRADES:** 11-12**CREDITS:** ½ Unit**Prerequisite:** Algebra II or completion of 1<sup>st</sup> semester Algebra II**CREDIT TYPE:** Math**Recommendation:** Teacher approval

This will be a semester course covering only trigonometric concepts including basic trigonometric ratios, solving right triangles, the unit circle and application problems that involve trig solutions. This course does not satisfy the AP Calculus prerequisites. **Suggested calculator is TI-83 Plus or TI-84.**

**AP CALCULUS AB\*\*****COURSE #:** HS0356**GRADE:** 12**CREDITS:** 1 Unit**Prerequisite:** A grade of B or above in Pre-AP Calculus or a grade of B or above in College Algebra and College Trig and completion of two independent study units with an 80% or above on both of the unit tests. Unit tests will be administered by the BSSD Math Instructional Coach.**CREDIT TYPE:** Math

This course is the equivalent of a first semester course in college calculus. Topics covered will be limits, derivatives, integration, the application of derivatives and integrals, sequences, and infinite series. The course is designed to prepare a student for the AP exam in Calculus in May. An honor point may be earned for each semester passed of this course. Students are strongly encouraged to purchase a graphing calculator that may be used on the AP test and will be used in class. All students are expected to take the AP exam and pay the examination fee.

**COLLEGE BUSINESS CALCULUS (MCC MATH 175)\*\*****COURSE #:** HS0354**GRADE:** 12**CREDITS:** 1 Unit**Prerequisite:** Qualifying score on the ACT, or COMPASS Assessment and successful completion of Pre-Calculus, College Algebra, or Algebra II and 3.0 GPA**CREDIT TYPE:** Math**Dual/Articulated Credit:** 3 Sem. Hours – MCC for qualified students

This course is designed especially for the college-bound student desiring to enter the fields of business or related areas. The student will be introduced to basic calculus identities and functions, along with the application of derivatives and maxima/minima including work with limits. An honor point may be earned for successful completion of this course. The MCC fee is required for college credit and must be paid within the first week of the semester. If a student elects to take the dual credit class for no college credit, he/she must still meet district requirements.

**\*\* Students enrolling in dual credit and/or AP classes need to check with the college/university they are planning on attending regarding transferability and acceptable grades.**

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**MUSIC** (All courses listed fulfill Fine Arts requirements)

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**FRESHMAN BAND (BSHS only)****COURSE #:** BS0810**GRADE:** 9**CREDITS:** 1 Unit**Prerequisite:** 2 years of band or audition**CREDIT TYPE:** Fine Art

This band is co-curricular (in school and outside of school activities) and is open to students with a minimum of two years prior band class experience. All students must audition for specific band placement. Band members are required to participate in marching band and pep band activities beyond the normal school day. Students should plan to attend the three-week summer music enrichment class. Students may become members of extracurricular bands and ensembles such as Jazz Band, Pit Orchestra, All District, All State, Solo and Ensemble contests or other special groups after auditions and/or the director's recommendation. Students may not audition for any group without the recommendation of the band director. Students are required to be at all performances and rehearsals (including but not limited to the following: home football games, contests, special events, and before/after school rehearsals). Grades will be based on playing and written exams, daily participation, after/before school rehearsals, and all performances.

**FRESHMAN BAND (BSSHS only)****COURSE #:** BSS0811**GRADE:** 9**CREDITS:** 1 Unit**Prerequisite:** 2 years of band or audition**CREDIT TYPE:** Fine Art

See previous course description.

**FRESHMAN CHOIR MEN'S (BSHS only)****COURSE #:** BS0819**GRADE:** 9**CREDITS:** 1 Unit

**Prerequisite:** Students wishing to participate in this ensemble must be recommended by their 8<sup>th</sup> grade choir instructor or have permission to enroll from teacher of said choral ensemble

**CREDIT TYPE:** Fine Art

This is a class for music students interested in continuing their vocal and choral music progress. Emphasis will be on choral works of three and four parts in men's choral literature and will be combined with the Concert Choir (Women's) to perform works written specifically for the combined gender groupings of three and four part harmonies. The study of techniques, terms and theory will be emphasized. A wide variety of music and styles will be studied and performed. Required rehearsals and concert participation outside of school is included in the student's grade.

**FRESHMAN CHOIR MEN'S (BSSHS only)****COURSE #:** BSS0821**GRADE:** 9**CREDITS:** 1 Unit

**Prerequisite:** Students wishing to participate in this ensemble must be recommended by their 8<sup>th</sup> grade choir instructor or have permission to enroll from teacher of said choral ensemble

**CREDIT TYPE:** Fine Art

See previous course description.

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**MUSIC – *continued***

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**FRESHMAN CHOIR WOMEN'S  
(BSHS only)****COURSE #: BS0825****GRADE: 9****CREDITS: 1 Unit**

**Prerequisite:** Students wishing to participate in this ensemble must be recommended by their 8<sup>th</sup> grade choir instructor or have permission to enroll from teacher of said choral ensemble/audition

**CREDIT TYPE: Fine Art**

This is a class for music students interested in continuing their vocal and choral music progress. Emphasis will be on choral works of three and four parts in women's choral literature and will be combined with the Concert Choir (Men's) to perform works written specifically for the combined gender groupings of three and four part harmonies. The study of techniques, terms, and theory will be emphasized. A wide variety of music and styles will be studied and performed. Required rehearsals and concert participation outside of school is included in the student's grade.

**FRESHMAN CHOIR WOMEN'S  
(BSSHS only)****COURSE #: BSS0826****GRADE: 9****CREDITS: 1 Unit**

**Prerequisite:** Students wishing to participate in this ensemble must be recommended by their 8<sup>th</sup> grade choir instructor or have permission to enroll from teacher of said choral ensemble/audition

**CREDIT TYPE: Fine Art**

See previous course information.

**CAMPUS CHOIR****COURSE #: HS0816****GRADES: 9-12****CREDITS: ½ Unit****CREDIT TYPE: Fine Art**

This is a non-auditioned, non-performing class for students with limited choral music background. Attention will be placed on learning fundamental skills, history, theory, terms, and vocal techniques.

**ORCHESTRA (BSHS only)\*\*****COURSE #: BS0814****GRADES: 9-12****CREDITS: 1 Unit**

**Prerequisite:** 1 year of orchestra experience/audition

**CREDIT TYPE: Fine Art**

**Dual Credit\*:** Seniors have the opportunity to earn 1 college credit each semester if they meet MCC guidelines and pay the MCC fee the first semester of school (MCC MUSI 105 Orchestra for first semester (1 credit) and MCC MUSI 106 Orchestra II for second semester (1 credit). A senior student taking the 2 dual credit classes will earn 1 honor point at the end of the 2<sup>nd</sup> semester. If you are a senior wanting to take orchestra for dual credit, please use course #0841.

This performance group is open to those students with the ability to play an orchestral string instrument. If the student has not played in a school orchestra for one year, an audition is required. Activities include performances on and off campus, contests, and annual concerts. Students wishing to audition for the All District/All State orchestra must be enrolled in Orchestra during the school day. Students may not audition for any group without the recommendation of the teacher of said school ensemble. All freshmen will be enrolled in the 7<sup>th</sup> hour section.

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**MUSIC – *continued***

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**ORCHESTRA (BSSHS only) \*\*****COURSE #: BSS0815****GRADES: 9-12****CREDITS: 1 Unit****Prerequisite:** 1 year of orchestra experience/audition**CREDIT TYPE: Fine Art**

See previous course description.

**CONCERT BAND****COURSE #: HS0812****GRADES: 10-12****CREDITS: 1 Unit****Prerequisite:** 2 years of band or audition**CREDIT TYPE: Fine Art**

This band is co-curricular (in school and outside of school activities) and is open to students with a minimum of two years prior band class experience. All students must audition for specific band placement. Band members are required to participate in marching band and pep band activities beyond the normal school day. Students should plan to attend the three-week summer music enrichment class. Students may become members of extracurricular bands and ensembles such as Jazz Band, Pit Orchestra, Full Orchestra, All District, All State, Solo and Ensemble Contests or other special groups after auditions and/or the director's recommendation. Students may not audition for any group without the recommendation of the band director. Students are required to be at all performances and rehearsals (including but not limited to the following: home football games, contests, parades, concerts, special events and before/after school rehearsals). Grades will be based on playing and written exams, daily participation, after/before school rehearsals, and all performances.

**CONCERT CHOIR****COURSE #: HS0818****GRADES: 10-12****CREDITS: 1 Unit****Prerequisite:** Students wishing to participate in this ensemble must audition or have the permission to enroll from teacher of said school ensemble**CREDIT TYPE: Fine Art**

This is a class for serious music students interested in continuing their vocal and choral music progress. Emphasis will be on choral works of three and four parts in mixed voice choral literature. The study of techniques, terms, and theory will be emphasized. A wide variety of music and styles will be studied and performed. Required rehearsals and concert participation outside of school is included in the student's grade.

**MUSIC APPRECIATION****COURSE #: HS0828****GRADES: 10-12****CREDITS: ½ Unit****CREDIT TYPE: Fine Art**

This class will include fundamentals of reading music, a study of basic forms and styles of music, a study of music history and composers, and an exploration of 20<sup>th</sup> Century trends in composition.

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## MUSIC – *continued*

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### **SYMPHONIC BAND (BSHS only) \*\***

**COURSE #:** BS0831

**GRADES:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** Entrance by audition only

**CREDIT TYPE:** Fine Art

**Dual Credit\*:** Seniors have the opportunity to earn 1 college credit each semester if they meet MCC guidelines and pay the MCC fee the first semester of school (MCC MUSI 103 Band for first semester, 1 credit and MCC MUSI 104 Band II for second semester, 1 credit). A senior student taking the 2 dual credit classes will earn 1 honor point at the end of the 2<sup>nd</sup> semester. If you are a senior wanting to take concert band for dual credit, please use course #0840.

This band is co-curricular (in school and outside of school activities) and is open to students with a minimum of two years prior band class experience. All students must audition for specific band placement. Band members are required to participate in marching band and pep band activities beyond the normal school day. Students should plan to attend the three-week summer music enrichment class. Students may become members of extracurricular bands and ensembles such as Jazz Band, Pit Orchestra, Full Orchestra, All District, All State, Solo and Ensemble Contests or other special groups after auditions and/or the director's recommendation. Students may not audition for any group without the recommendation of the band director. Students are required to be at all performances and rehearsals (including but not limited to the following: home football games, contests, parades, concerts, special events, and before/after school rehearsals). Grades will be based on playing and written exams, daily participation, after/before school rehearsals, and all performances.

### **SYMPHONIC BAND (BSSHS only)**

**COURSE #:** BSS0832

**GRADES:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** Entrance by audition only

**CREDIT TYPE:** Fine Art

See previous course description.

### **SYMPHONIC ORCHESTRA (1st Sem only)**

**COURSE #:** HS0833

**GRADES:** 10-12

**CREDITS:** ½ Unit

**Prerequisite:** Audition only. Must be enrolled in Band to enroll in this course.

**CREDIT TYPE:** Fine Art

This class is offered first semester only and is open to wind, brass, and percussionists who want to join with the strings to experience performing in a Full Symphony Orchestra. You must be enrolled in band to be in the Symphony Orchestra. Placement for this group is by audition only.

### **A CAPPELLA CHOIR\*\***

**COURSE #:** HS0822

**GRADES:** 11-12

**CREDITS:** 1 Unit

**Prerequisite:** Students must audition and have the recommendation of the teacher

**CREDIT TYPE:** Fine Art

**Dual Credit:** Seniors can earn 1 college credit each semester if they meet MCC guidelines and pay the MCC fee the first semester of school (MCC MUSI101 Mixed Chorus for first semester, 1 credit and MCC MUSI102 Mixed Chorus II for second semester, 1 credit). A senior student taking the 2 dual credit classes will earn 1 honor point at the end of the 2<sup>nd</sup> semester. If you are a senior wanting to take this course for dual credit, please use course #0842.

This is an auditioned choir of 60-85 members that aspire to the highest performance standards of quality choral literature. The group takes a bi-annual trip and annually performs in four other concerts and district festivals during the school year. Students wishing to audition for All District/All State choir must be enrolled in choir during the school day. Required rehearsals and concert participation outside of school is included in the student's grade.

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**MUSIC – *continued***

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**AP MUSIC THEORY\*\*****COURSE #: HS0834****GRADES: 11-12****CREDITS: 1 Unit****Prerequisite:** Two years of high school vocal/instrumental ensemble participation and must be concurrently enrolled in a performance ensemble or instructor approval**CREDIT TYPE: Fine Art, Elective**

This is a rigorous course intended for the college-bound student who intends to pursue a career or advanced degree in music. The course will focus heavily on aural training skills, including rhythmic, harmonic and melodic dictation, and sight singing. One honor point may be granted for each semester successfully completed. All students are expected to take the AP exam and pay the examination fee.

**CHAMBER CHOIR****COURSE #: HS0824****GRADES: 11-12****CREDITS: 1 Unit****Prerequisite:** Completion of A Cappella Choir or instructor permission/audition**CREDIT TYPE: Fine Art**

This is an auditioned choir of 24-30 members that performs the highest quality choral literature written for the smaller ensemble. The group performs at four concerts and several festivals during the school year. Students in Chamber Choir are strongly encouraged to be co-enrolled in A Cappella Choir. Required rehearsals and concert participation is included in the student's grade.

**MUSIC THEORY/TECHNOLOGY****COURSE #: HS0830****GRADES: 11-12****CREDITS: ½ Unit****CREDIT TYPE: Fine Art**

Music Theory will introduce the student to the theoretical foundations of traditional music. Emphasis will be placed on both written music theory and aural music theory. Topics will include structure, form, composition, interval recognition (aural and written), keys, and scales. Prospective students should possess some knowledge of music fundamentals.

**WOMEN'S ENSEMBLE****COURSE #: HS0823****GRADES: 11-12****CREDITS: 1 Unit****Prerequisite:** Completion of A Cappella Choir or instructor permission/audition**CREDIT TYPE: Fine Art**

This is an auditioned choir of 16-30 members that performs the highest quality choral literature written for the smaller ensemble of treble voices. The group performs at four concerts and several festivals during the school year. Students in Women's Ensemble are strongly encouraged to be co-enrolled in A Cappella or Chamber Choir. Required rehearsals and concert participation is included in the student's grade.

**\*\* Students enrolling in dual credit and/or AP classes need to check with the college/university they are planning on attending regarding transferability and acceptable grades.**

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## NAIL TECH

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**NAIL TECH (Located at Hall-McCarter Education Center)**

**COURSE #: HS6661 A.M.**

**COURSE #: HS6662 P.M.**

**GRADE: 12**

**CREDITS: 3 Units**

**Prerequisite:** Application process

**CREDIT TYPE: Practical Art/Elective**

This is a year-long program in which students will earn 3 elective or practical arts credit (1 ½ credits per semester). There will also be some evening and Saturdays required. The purpose of this program is to prepare students for an exciting career as a "nail technician". The student will gain knowledge and experience with basic and spa manicures and pedicures. Plus, the student will learn artificial nail enhancements including acrylics, wraps, gels, gel polish and tip application. The student will also learn safety and sanitation, business marketing, and customer service skills. After completing this course, students will be able to take the State Board Exam and after passing, will be a licensed "nail technician". Students pay for their own kits, state licensing registration and exams.

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## PHYSICAL EDUCATION AND HEALTH

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All students are required to take health (1/2 credit) and 1 full credit of PE (dress out course).

1. Ninth grade students should enroll in PE and Health
2. Tenth grade students are encouraged to select a second required dress-out course.
3. Only two physical education courses may be repeated for credit (Physical Fitness and Aerobics Plus)  
Additional PE courses may be taken for elective credit.

### **HEALTH**

**COURSE #: HS1218**

**GRADE: 9**

**CREDITS: 1/2 Unit**

**CREDIT TYPE: Health**

This course is taught in three sections over the course of a semester: personal health/care of the human body, reproduction, diseases and disorders of the body, and understanding the effects of medicines and drugs on the body. Within these sections, topics of study will be the general care of the human body including the physical, mental, and social aspects of our well-being, along with the prevention and understanding of infectious, inherited and lifestyle diseases including sexually transmitted diseases (STD's), tobacco, alcohol, medicines, and illegal drugs.

### **PHYSICAL EDUCATION I (Boys)**

**COURSE #: HS1210**

**GRADE: 9**

**CREDITS: 1/2 Unit**

**CREDIT TYPE: Physical Education**

In this dress-out course, students will learn basic skills and will participate in several of the following activities: basketball, football, volleyball, soccer, softball, team handball, floor hockey, physical fitness, and racquet sports.

### **PHYSICAL EDUCATION I (Girls)**

**COURSE #: HS1212**

**GRADE: 9**

**CREDITS: 1/2 Unit**

**CREDIT TYPE: Physical Education**

In this dress-out course, students will learn basic skills and will participate in several of the following activities: basketball, flag football, volleyball, softball, soccer, floor hockey, physical fitness, and racquet sports.

### **AEROBICS AND WEIGHTLIFTING (Coed)**

**COURSE #: HS1244**

**GRADES: 10-12**

**CREDITS: 1/2 Unit**

**CREDIT TYPE: Physical Education**

This dress-out course will entail two days of aerobic exercising and two days of weightlifting. Students will participate in a variety of aerobic activities. Weightlifting will entail techniques of lifting and ways to tone the body. One day of lecture a week will include concepts of the cardio-vascular system, fitness terminology, knowledge of muscle groups, and nutrition for teenagers.

### **AEROBICS PLUS (Coed)**

**COURSE #: HS1248**

**GRADES: 10-12**

**CREDITS: 1/2 Unit**

**CREDIT TYPE: Physical Education**

This dress-out course will consist of 2-3 sessions of aerobics per week to enhance cardiovascular fitness. There will be 1-2 sessions per week of strengthening and toning class using various apparatus such as exercise bands. These sessions will exercise and develop specific muscle groups.

### **BEGINNING SWIMMING**

**COURSE #: HS1230**

**GRADES: 10-12**

**CREDITS: 1/2 Unit**

**CREDIT TYPE: Physical Education**

This dress-out course will concentrate on basic skills for swimming the crawl and back crawl strokes. There will be basic safety skills, as well as beginning survival skills. Also included will be free swim time and some basic water games. Student need not be able to swim to enroll in this class.

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**PHYSICAL EDUCATION AND HEALTH – *continued***

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**INTERMEDIATE SWIMMING****COURSE #:** HS1232**GRADES:** 10-12**CREDITS:** ½ Unit**Prerequisite:** Student must have the ability to swim 50 yards freestyle or backstroke.**CREDIT TYPE:** Physical Education

This dress-out course continues building swimming skills. It will focus on several strokes as well as more advanced safety and survival skills. There will be free swim time and games for the intermediate swimmer.

**PHYSICAL EDUCATION II (Boys)****COURSE #:** HS1214**GRADES:** 10-12**CREDITS:** ½ Unit**CREDIT TYPE:** Physical Education

This dress-out course is designed to allow students to learn and participate in several of the following activities: volleyball, basketball, softball, speedball, flag football, racquet sports, floor hockey, soccer, and team handball.

**PHYSICAL EDUCATION II (Girls)****COURSE #:** HS1216**GRADES:** 10-12**CREDITS:** ½ Unit**CREDIT TYPE:** Physical Education

This dress-out course is designed to allow students to learn and participate in several of the following activities: volleyball, basketball, softball, speedball, racquet sports, floor hockey, soccer, and team handball.

**PHYSICAL FITNESS (Semester)****COURSE #:** HS1220**GRADES:** 10-12**CREDITS:** ½ Unit**CREDIT TYPE:** Physical Education

This dress-out course is intended to help develop and maintain strength and endurance. Individuals who plan to participate in athletics should sign up for this class during a semester when they are not involved in an interscholastic sport. Activities will include weight training, running, physical fitness testing and games of endurance. Many activities in this course require strenuous physical abilities and skills.

**PHYSICAL FITNESS (Year)****COURSE #:** HS1222**GRADES:** 10-12**CREDITS:** 1 Unit**CREDIT TYPE:** Physical Education

See previous course description.

**WATER AEROBICS****COURSE#:** HS1236**GRADES:** 10-12**CREDITS:** ½ Unit**CREDIT TYPE:** Physical Education

Water Aerobics counts as ½ of required P.E. credit. This course will focus on using water resistance activities to improve the student's over all fitness including flexibility, body composition, cardiovascular endurance, toning, and muscular strength.

**ADVANCED SWIMMING****COURSE #:** HS1234**GRADES:** 11-12**CREDITS:** ½ Unit**Prerequisite:** Student must have the ability to swim 500 yards and do 4 of the 6 swimming strokes.**CREDIT TYPE:** Physical Education

This course will follow the Red Cross outline of skills for the advanced swimming course. It will also introduce swimming for conditioning. This course will focus on performing all the Red Cross strokes, as well as using them for aerobic conditioning. Some work will also be done on diving.

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## PHYSICAL EDUCATION AND HEALTH – *continued*

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### **ADVANCED TEAM SPORTS**

**COURSE #:** HS1258

**GRADES:** 11-12

**CREDITS:** ½ Unit

**CREDIT TYPE:** Physical Education

In this dress-out course, students will learn basic skills, rules, teamwork and strategies in the following team sports: flag football, volleyball, basketball, softball, and related team sports.

### **FITNESS AND WELLNESS**

**COURSE #:** HS1224

**GRADES:** 11-12

**CREDITS:** ½ Unit

**CREDIT TYPE:** Physical Education

In this dress out course, students participate in various low-impact resistance exercises designed to tone, stretch, strengthen, and sculpt the muscles to improve overall body composition and fitness. Emphasis is placed on exercises that work specific muscle groups. Weekly lectures include current information on practicing and maintaining good nutrition, emotional wellness, and healthy lifestyles.

### **OUTDOOR EDUCATION**

**COURSE #:** HS1252

**GRADES:** 11-12

**CREDITS:** ½ Unit

**CREDIT TYPE:** Elective

This one-semester course for physical education elective credit includes lifelong skills in several outdoor recreational activities. The course of study includes fishing, orienteering, camping and safety, outdoor cooking, laws for operating boats, hiking and camping, backpacking, and hunter education. This interdisciplinary course connects outdoor education with science and geography by the identification of fish and plants and by learning mapping skills through orienteering.

### **RECREATIONAL SPORTS (Coed)**

**COURSE #:** HS1242

**GRADES:** 11-12

**CREDITS:** ½ Unit

**CREDIT TYPE:** Elective

Units that will be covered in this elective course are golf, volleyball, badminton, table tennis, softball, or tennis. Included in this course will be instruction in the basic skills necessary to participate in and keep score for these activities.

### **RED CROSS LIFE GUARDING (BSHS only) (1<sup>st</sup> Sem only)**

**COURSE #:** BS1237

**GRADES:** 11-12

**CREDITS:** ½ Unit

**Prerequisite:** Advanced Swimming or test out the first day of class

**CREDIT TYPE:** Physical Education

**Recommendation:** The student must be able to swim 500 yards continuously.

This course will prepare the student for life guarding as a summer or part-time job. The student will learn to rescue drowning victims in any situation. Student will learn to deal with safety issues to head and neck trauma. The students will also learn preventative life guarding skills that prevent accidents. The course costs between \$125 and \$200.

### **SOCIAL DANCE**

**COURSE #:** HS1250

**GRADES:** 11-12

**CREDITS:** ½ Unit

**CREDIT TYPE:** Elective

Coed enrollment is necessary. This is a school dress participation course consisting of dancing routines to the waltz, samba, tango, jitter-bug, country, and other social dances.

### **WATER SAFETY INSTRUCTOR (BSHS only) (2<sup>nd</sup> Sem only)**

**COURSE #:** BS1238

**GRADES:** 11-12

**CREDITS:** ½ Unit

**Prerequisite:** Ability to swim 500 yards and pass Red Cross Life Guarding

**CREDIT TYPE:** Physical Education

This course will qualify you to teach swimming lessons for the Red Cross. Over 90% of all swimming pools nationally use this program. Upon conclusion you will have all the materials and skills to plan and teach swimming lessons all the way from infants to advanced levels.

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## ROTC (Aerospace Science / Air Force Junior ROTC)

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The four year Aerospace Science curriculum is designed to help today's high school ROTC student become tomorrow's aerospace-age citizen. The curriculum integrates social sciences and physical sciences through their application to aerospace. **Students are provided a uniform free of charge and are required to wear the uniform one day each week and meet Air Force grooming standards.** A uniform cleaning fee may be assessed if the uniform is not turned in clean and pressed at the end of the year. Books and materials are provided by the Air Force. Instructors are retired Air Force personnel who are certified in ROTC instruction. Guest speakers and field trips are part of the curriculum. Students do not have any future military commitment, but ROTC scholarship opportunities are available to top-performing students enrolled in the program for two or more years. Nominations for appointment to the US Air Force Academy are also available for superior students. Advanced enlistment grade credit is available to students completing two or more years of the program.

**A JOURNEY INTO AEROSPACE  
HISTORY (Aerospace Science 100)  
(BSHS only)  
COURSE #: BS1550  
GRADES: 9-12  
CREDITS: 1 Unit  
CREDIT TYPE: Elective**

This aviation history course focuses on the development of flight throughout the centuries, from ancient civilizations to the present day. Emphasis is on civilian and military contributions to aviation, the development, modernization, and transformation of the Air Force and a brief astronomical and space exploration history. Study includes an overview of the principles of flight including basic aeronautics, aircraft motion and control. Leadership training introduces cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC), including the Air Force organizational structure, uniform wear, customs, courtesies, and other military traditions, health and wellness, fitness, individual self-control, and citizenship.

**A JOURNEY INTO AEROSPACE  
HISTORY (Aerospace Science 100)  
(BSSHS only)  
COURSE #: BSS1551  
GRADES: 9-12  
CREDITS: 1 Unit  
CREDIT TYPE: Elective**

See previous course description.

**DRILL & CEREMONIES (Aerospace 150)  
COURSE #: HS1560  
GRADES: 10-12  
CREDITS: 1 Unit  
Prerequisite: Aerospace Science 100 or instructor's approval and concurrent enrollment in another Aerospace class  
CREDIT TYPE: Elective**

Fundamental and in-depth instruction in Air Force drill and ceremonies, including cadet ability to perform the AFJROTC 30-step drill sequence at the appropriate level commensurate with their enrollment experience. This course concentrates on the elements of military drill, and describes individual and group precision movements, procedures for saluting, drill ceremonies, reviews, parades, and development of command voice. Students are provided detailed instruction on ceremonial performances and protocol for civilian and military events and have the opportunity to learn Air Force drill concepts and procedures.

**THE SCIENCE OF FLIGHT (Aerospace  
Science 210)  
COURSE #: HS1552  
GRADES: 10-12  
CREDITS: 1 Unit  
Prerequisite: Aerospace 100 (or sophomore status) and approval of the Senior Aerospace Science instructor  
CREDIT TYPE: Elective/3<sup>rd</sup> Science**

Students will gain an in-depth understanding of meteorology and its effect on the aerospace environment. The aerospace environment is studied with an emphasis on its effect on humans and the requirements for human flight. The basic aerodynamic principles of flight are explained as well as their effect on powered flight within the earth's atmosphere. Students learn the principles of air navigation and the various systems used to navigate aircraft worldwide. Building on the leadership and management techniques taught in Aerospace 100, the student will learn and practice effective communication skills, understanding both individual and group behavior, and basic leadership concepts. This course is a prerequisite for AS 500 Aviation Ground School.

**THE EXPLORATION OF SPACE  
(AEROSPACE 300)****COURSE #: HS1554****GRADES: 11-12****CREDITS: 1 Unit****Prerequisite:** Aerospace 210 approval of the Senior Aerospace Science instructor**CREDIT TYPE: Elective/Personal Finance**

Students will learn about the space environment including a basic understanding of astronomy as it relates to the Earth, Moon, the solar system, terrestrial and outer planets, and their effect on unmanned and manned space flight. Students will learn about both manned and unmanned space programs, with an emphasis on the U.S. manned space program. The applications and use of space technology will be taught along with their spin-off technology in the world today. Students are given information on how to select a college or vocational school, and provided information to begin the job search, including résumé writing and interviewing techniques. Additionally, students are introduced to the world of financial planning, how to spend money, save, invest and use credit wisely. Contracts, leases, wills, warranties, legal notices, and personal bills are all reviewed.

**FAA PRIVATE PILOT GROUND SCHOOL  
(AEROSPACE SCIENCE 500) (AVIA  
1310)\*\*****COURSE #: HS1556****GRADE: 12****CREDITS: 1 Unit****Prerequisite:** Aerospace 210 & 300 or 300 & 500 concurrently, approval of the Senior Aerospace instructor/UCM guidelines**CREDIT TYPE: Elective**

This course satisfies the Federal Aviation Regulation (FAR) 61.105 for ground training required to take the aeronautical knowledge test. Course content includes use of applicable FARs, Aeronautical Information Manual and FAA advisory circulars. Students will learn the principles of aerodynamics, power plants, aircraft systems, radio communications, navigation, weather reports, and weight and balance computations. Leadership skills acquired in previous courses will be used to manage cadet corps activities. To receive college credit, students must meet the guidelines established by UCM.

**MANAGEMENT OF THE CADET CORPS  
(AEROSPACE 400)****COURSE #: HS1558****GRADE: 12****CREDITS: 1 Unit****Prerequisite:** Aerospace Science 210, 300, and the approval of the Senior Aerospace Science instructor**CREDIT TYPE: Elective**

This course applies the theories and techniques learned in previous aerospace science classes to the actual management of the cadet corps. This hands-on experience affords the cadets the opportunity to control the planning, organizing, coordinating, directing, and decision making of all cadet functions. Students will practice their communication, decision making, personal interaction, managerial, and organizational skills. To prepare the student for life after high school graduation, students will study the importance of higher/continuing education, how to conduct a job search, how to enter the military as an officer, and the types of careers available in the aerospace industry or government.

**\*\* Students enrolling in dual credit and/or AP classes need to check with the college/university they are planning on attending regarding transferability and acceptable grades.**

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## SCIENCE

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### **ACCELERATED PHYSICAL & BIOLOGICAL SCIENCE**

**COURSE #:** HS0412

**GRADE:** 9

**CREDITS:** ½ Unit Physical Science, ½ Unit Biological Science

**CREDIT TYPE:** Science

**Recommendation:** Grade of A in Algebra and 8<sup>th</sup> Grade Science.

This is an accelerated course covering topics typically taught in Physical Science and Biology I classes. A strong background in algebra is needed for this lab-driven class. Significant out-of-class preparation is required. Students need to take one additional year-long class in physical science (Chemistry, Physics) **and** one additional year-long class in a biological science (i.e. Pre-AP Biology) to meet graduation requirements. Students completing this class should plan on enrolling in Pre-AP Biology and Pre-AP Chemistry or Chemistry as a sophomore.

### **PHYSICAL SCIENCE**

**COURSE #:** HS0408

**GRADE:** 9

**CREDITS:** 1 Unit

**CREDIT TYPE:** Science

This course emphasizes the fundamental concepts of both chemistry and physics. Areas of study and activities will include laboratory skills and problem solving, scientific measurement, basic atomic theory, periodic table relationships, chemical reactions, forces, motion, and waves. A general knowledge of mathematics is required throughout the course.

### **BIOLOGY I**

**COURSE #:** HS0416

**GRADE:** 10

**CREDITS:** 1 Unit

**CREDIT TYPE:** Science

The course provides the foundation for students to make good decisions related to health, occupation, and future education. Topics covered range from cell study to complex interactions with a focus on genetics, biodiversity, ecology, biochemistry, energy interactions, and small mammal dissection. Assessments will be in the form of lab reports, interpretation and development of graphs, oral presentations, written tests, problem-solving, and written responses.

### **PRE-AP BIOLOGY**

**COURSE #:** HS0425

**GRADES:** 10-11

**CREDITS:** 1 Unit

**Prerequisite:** Algebra I, Physical Science or Accelerated Physical & Biological Science

**CREDIT TYPE:** Science

**Recommendation:** Grade B or above in prerequisite courses, and concurrent enrollment in Chemistry or Pre-AP Chem.

This course is for students who plan to take an AP Biology course. This rapidly paced class will provide exposure to all topics covered in Biology I, with increased depth and breadth of coverage, including participation in advanced inquiry labs. Topics will include introductory organic chemistry, cell biology, energetics, genetics, ecology, and some anatomy through dissection of a small mammal. One honor point may be earned for successfully completing this full year course at the end of the year.

### **ASTRONOMY AND METEOROLOGY**

**COURSE #:** HS0439

**GRADES:** 10-12

**CREDITS:** ½ Unit

**Prerequisite:** Physical Science or Accelerated Phys/Bio Science or concurrent enrollment in Biology

**CREDIT TYPE:** Science

This course is designed to explore atmospheric conditions on Earth and explore the solar system, stars, and galaxies. The main topics covered are weather, climate, the moon, the solar system, stars, and galaxies.

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## SCIENCE – *continued*

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### **CHEMISTRY I**

**COURSE #:** HS0434

**GRADES:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** Geometry or concurrently enrolled in Geometry

**CREDIT TYPE:** Science

**Recommendation:** Grade B or above in prerequisite course

This course deals with the substances making up our environment and the changes these substances undergo. The principles of Chemistry are studied in a logical way with laboratory work helping to reveal these principles. The content of the course includes the following: atomic structure, solids, liquids, gases, the periodic table, chemical reactions, molecular structure, equilibrium, and acids and bases.

### **GEOLOGY**

**COURSE #:** HS0440

**GRADES:** 10-12

**CREDITS:** ½ Unit

**Prerequisite:** Physical Science or Accelerated Phy/Bio Science or concurrent enrollment in Biology

**CREDIT TYPE:** Science

This course is designed to explore the different components that make up planet Earth. The course will concentrate on Earth's matter, rocks, plate tectonics, and the continuous changes that occur.

### **PHYSICS**

**COURSE #:** HS0450

**GRADES:** 10-12

**CREDITS:** 1 Unit

**Prerequisites:** Algebra and Geometry

**CREDIT TYPE:** Science

**Recommendation:** Grade of B or above in prerequisite course

This course presents the topics of physics and how they will explain the nature of the world that we live in. The main areas of study include motion, energy, electricity and magnetism, sound, light, and optics.

### **PRE-AP CHEMISTRY**

**COURSE #:** HS0436

**GRADES:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** Geometry

**CREDIT TYPE:** Science

**Recommendation:** Grade of B or above in prerequisite course

This course is for students who plan to take AP Chemistry for their second year of high school chemistry. This rapidly paced class will provide exposure to all topics covered in AP Chemistry. Examples of topics covered include chemical nomenclature, chemical reactions, stoichiometry, gasses, solutions, bonding, thermo chemistry, equilibrium, kinetics, and electrochemistry. One honor point may be earned for the successful completion of this full-year course at the end of the year.

### **ADVANCED ENVIRONMENTAL SCIENCE**

**COURSE #:** HS0446

**GRADES:** 11-12

**CREDITS:** ½ Unit

**Prerequisite:** Environmental Science I

**CREDIT TYPE:** Science

This course is designed for students who wish to further study Environmental Science. This course will emphasize topics including ecosystems, consequences of human population, pollution, natural resources, species biodiversity, nuclear power, and environmental issues facing the world.

### **ANATOMY AND PHYSIOLOGY**

**COURSE #:** HS0455

**GRADES:** 11-12

**CREDITS:** 1 Unit

**Prerequisite:** Biology I or Pre-AP Biology

**CREDIT TYPE:** Science

**Recommendation:** Grade of B or above in prerequisite courses

Students interested in health related careers should consider taking Anatomy and Physiology, which focuses on the structure and function of the human body. The course will include the study of human tissues and progress to the study of organ systems. Students will have the opportunity for many hands-on experiences including laboratory experimentation, microscopy, and observations. The course will include dissection of a small mammal.

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**SCIENCE – *continued***

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**AP BIOLOGY\*\*****COURSE #:** HS0426**GRADES:** 11-12**CREDITS:** 1 Unit**Prerequisite:** Biology I or Pre AP Biology**CREDIT TYPE:** Science**Recommendation:** Grade B or above in prerequisite courses, Algebra II, Chemistry, or Pre-AP Chemistry and Pre-AP Biology.

This is a college level course that will focus on four big ideas: evolution, energy and homeostasis, information exchange, and interaction of biological systems. Students who take AP Biology will use advanced inquiry and reasoning skills. Students will be expected to devote time outside of the normal class period to work on this course. An honor point may be earned for each semester passed of this course. College credit can be earned by achieving an acceptable score on the AP exam. All students are expected to take the AP exam and pay the examination fee.

**AP CHEMISTRY\*\*****COURSE #:** HS0438**GRADES:** 11-12**CREDITS:** 1 Unit**Prerequisite:** Chemistry or Pre-AP Chemistry**CREDIT TYPE:** Science**Recommendation:** Grade A in prerequisite course and B or above in Algebra II

This is a college level course in general chemistry for students who desire a second year of chemistry. Examples of topical areas discussed and experimented with are chemical reactions, redox equations, stoichiometry, thermo chemistry, equilibriums, kinetics, and electrochemistry. This course is designed to prepare a student for the AP exam in chemistry in May. An honor point may be earned for each semester passed of this course. All students are expected to take the AP exam and pay the examination fee.

**AP ENVIRONMENTAL SCIENCE\*\*****COURSE #:** HS0447**GRADES:** 11-12**CREDITS:** 1 Unit**Prerequisites:** Biology I or Pre-AP Biology**CREDIT TYPE:** Science**Recommendation:** Grade of B or above in prerequisite course, and a B in Algebra I

This is a college-level course in Environmental Science. Topics covered will include the flow of materials and energy in the biosphere, renewability of resources, environmental quality and the impact of human beings on the environment. This course is designed to prepare the student to take the AP Environmental Science Exam in May. An honor point may be earned for each semester passed of this course. All students are expected to take the AP exam and pay the examination fee.

**AP PHYSICS\*\*****COURSE #:** HS0452**GRADES:** 11-12**CREDITS:** 1 Unit**Recommendation:** Grade of B or above in Algebra II and/or Physics**CREDIT TYPE:** Science

This course is equivalent to a first level course in college Physics. Topics covered will be in the areas of mechanics, heat and thermodynamics, wave and particle light theory, and atomic and nuclear physics. This course is designed to prepare a student for the AP exam in physics in May. An honor point may be earned for each semester passed of this course. All students are expected to take the AP exam and pay the examination fee.

**CHEMISTRY II****COURSE #:** HS0435**GRADES:** 11-12**CREDITS:** 1 Unit**Prerequisite:** Chemistry I or Pre-AP Chemistry**CREDIT TYPE:** Science**Recommendation:** Grade of A in prerequisite course and B or above in Algebra II

This course is for students who want to take a second year of high school Chemistry but who are not interested in the rigorous and fast paced curriculum of the AP Chemistry class. This class is for students who enjoyed Chemistry I and may need a solid Chemistry background for their college major or for their career. Topics to be explored include: stoichiometry, chemical reactions, gas laws, thermo chemistry, atomic structure, equilibrium, kinetics, electrochemistry, and organic chemistry.

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**SCIENCE – *continued***

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**CSI-CONDUCTING SCIENCE INVESTIGATIONS****COURSE #: HS0445****GRADES: 11-12****CREDITS: 1 Unit****Prerequisites:** Physical Science and Biology I**CREDIT TYPE: Science**

This is a laboratory-based course in which students explore the topics in biology and chemistry, but in greater depth through inquiry and active investigations. Students will be immersed into relevant topics through hands-on activities. Working in a laboratory environment, students investigate the basics of cells, biotechnology, chemistry, medical science and forensic science.

**ENVIRONMENTAL SCIENCE****COURSE #: HS0444****GRADES: 11-12****CREDITS: ½ Unit****Prerequisite:** Biology I**CREDIT TYPE: Science**

This course is designed to emphasize topics including the structure of ecosystems, including food webs, biomes, nature of science, and environmental problems facing the world.

**MICROBIOLOGY****COURSE #: HS0454****GRADES: 11-12****CREDITS: ½ Unit****Prerequisite:** Biology I or Pre-AP Biology**CREDIT TYPE: Science**

The Microbiology course is designed as a laboratory -based course to challenge students with activities, experiments, critical-thinking, and problem solving. The focus of the course will primarily be on bacterial organisms and viruses with applications for medical microbiology and food handling procedures. Assessments will be in the form of lab reports, accurate application of laboratory techniques, oral presentations, written tests, problem solving, current literature reviews, and written responses.

**\*\* Students enrolling in dual credit and/or AP classes need to check with the college/university they are planning on attending regarding transferability and acceptable grades.**

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## **SOCIAL STUDIES**

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**AMERICAN GOVERNMENT**  
**COURSE #:** HS0280  
**GRADE:** 9  
**CREDITS:** ½ Unit  
**CREDIT TYPE:** Social Studies

This course is designed to study our government with a focus on the U.S. constitution, the different branches, the electoral process, flag etiquette, as well as state and local government. Students will take the U.S. Constitution test and the Missouri Constitution test. Passage of both tests is required to earn credit, meet graduation requirements, and to fulfill state law.

**AMERICAN GOVERNMENT & POLITICAL ANALYSIS**  
**COURSE #:** HS0289  
**GRADE:** 9  
**CREDITS:** ½ Unit  
**Recommendation:** A grade of A in 8<sup>th</sup> grade English & Social Studies  
**CREDIT TYPE:** Social Studies

This course focuses on the U.S. Constitution, the three branches, the electoral process, flag etiquette, and relationships between branches of state and local government. Students will identify and explain how basic principles and ideas of our government have changed over time and have been interpreted differently by different branches. Students will learn the necessary skills to present reasons and evidence clearly and persuasively and interpret quotes, graphs, and political cartoons in essay format. Students will take the U.S. Constitution test and the Missouri Constitution test. Passage of both tests is required to earn credit, meet graduation requirements, and to fulfill state law. This course will help prepare students for AP Government.

**GEOGRAPHY**  
**COURSE#:** HS0285  
**GRADE:** 9  
**CREDITS:** ½ Unit  
**CREDIT TYPE:** Social Studies

This course is designed to examine the different regions of the world. Study will include physical features of the earth, significant historical events, cultural diversity, and current events as applicable. Students will develop skills in research, writing, and critical thinking. Primary and secondary documents will be used to research and report findings.

**WORLD HISTORY**  
**COURSE #:** HS0236  
**GRADE:** 10  
**CREDITS:** 1 Unit  
**CREDIT TYPE:** Social Studies

This is a survey of world history from ancient Greece and Rome to modern day conflicts. The focus will be post-1450 and events in world history. Major trends, cultural diversity, institutions, and ideas will be integrated throughout the course of study. Students will continue using primary and secondary historical documents to help interpret the past and better understand contemporary issues. Students will continue to develop their social studies skills of research, writing, and critical thinking.

**AP AMERICAN GOVERNMENT\*\***  
**COURSE #:** HS0281  
**GRADES:** 10-12  
**CREDITS:** ½ Unit  
**Recommendation:** Recommendation from the most recent history teacher  
**CREDIT TYPE:** Social Studies

Study will concentrate on the branches of the government. Emphasis in each unit will be placed on the constitutional elements of each branch, a comparison of the national and state institutions, and the law and its specific relationship to the student's daily life. Students will have a required summer reading assignment, be expected to read 30-50 pages of material per week, and should plan to spend a minimum of 2 hours per week outside of class on this course. All course materials are written using a college-level vocabulary. Students will learn the necessary skills to present reasons and evidence clearly and persuasively in essay format. An honor point may be earned for this course. All students are expected to take the AP exam and pay the examination fee.

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**SOCIAL STUDIES – *continued***

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**AP EUROPEAN HISTORY\*\*****COURSE #:** HS0238**GRADES:** 10-12**CREDITS:** 1 Unit**Recommendation:** Recommendation from the most recent history teacher**CREDIT TYPE:** Social Studies

This course is designed to examine trends, cultural diversity, institutions and ideas in European history from a study of the Renaissance through the Cold War and modern-day conflicts. Students will have a required summer reading assignment, be expected to read 30-50 pages of material per week, and should plan to spend a minimum of 2 hours per week outside of class on this course. All course materials are written using a college-level vocabulary. Students will develop the skills necessary to arrive at conclusions on the basis of informed judgment and to present reasons and evidence clearly and persuasively in essay format. An honor point will be awarded for each semester passed in this course. This course fulfills the 10<sup>th</sup> grade World History requirement. All students are expected to take the AP exam and pay the examination fee.

**CIVIL WAR****COURSE #:** HS0251**GRADES:** 10-12**CREDITS:** ½ Unit**CREDIT TYPE:** Social Studies

Civil War covers the Antebellum south focusing on the causes of the Civil War. This information will be followed by a general survey of the Civil War. This course concludes with the Reconstruction Period that followed the Civil War.

**CONTEMPORARY ISSUES****COURSE #:** HS0275**GRADES:** 10-12**CREDITS:** ½ Unit**CREDIT TYPE:** Social Studies

This course is a study of many issues that confront us every day. The history behind many issues will be included and will lead to a better understanding of the issues as they present themselves today. Students taking this course will be expected to participate in class activities, group projects, and presentations.

**UNITED STATES HISTORY****COURSE #:** HS0205**GRADE:** 11**CREDITS:** 1 Unit**CREDIT TYPE:** Social Studies

This is a survey of United States history from Manifest Destiny to contemporary events with an emphasis on post-Reconstruction events. Its goals are to instill an appreciation of the U.S. democracy, an understanding of the U.S. constitutional, political, economic, and social developments, and an increased knowledge of U.S. geography. Students will further develop skills in critical thinking, research, and writing skills. Primary and secondary documents will be used to research and report findings.

**AMERICAN HISTORY 101\*\*****COURSE #:** HS0286**GRADES:** 11-12**CREDITS:** ½ Unit**Prerequisites:** UMKC requirements, 3.0 GPA and/or appropriate score on ACT or PLAN**CREDIT TYPE:** Social Studies**Dual/Articulated Credit:** 3 semester hours for students meeting UMKC requirements

This is a chronological review of American history (Exploration through Reconstruction). All course materials are written using a college-level vocabulary. An honor point may be earned if this course is successfully completed. The UMKC fee is required to earn the dual credit. Students will be billed directly by UMKC. Students who withdraw after the first five days will still be billed by UMKC and will have to pay some portion of tuition fees to UMKC. Students who successfully complete both American History 101 and American History 102 (2 semesters) can fulfill the U.S. History graduation requirements. Students enrolled in American History 101/102 (College Credit) are not eligible to enroll in U.S. History AP for additional high school credit.

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**SOCIAL STUDIES – *continued***

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**AMERICAN HISTORY 102\*\*****COURSE #:** HS0287**GRADES:** 11-12**CREDITS:** ½ Unit**Prerequisites:** UMKC requirements, 3.0 GPA and/or appropriate score on ACT or PLAN**CREDIT TYPE:** Social Studies**Dual/Articulated Credit:** 3 semester hours for students meeting UMKC requirements

This is a chronological review of American history (Gilded Age through the 1970s). All course materials are written using a college-level vocabulary. An honor point may be earned if this course is successfully completed. The UMKC fee is required to earn the dual credit. Students will be billed directly by UMKC. Students who withdraw after the first five days will still be billed by UMKC and will have to pay some portion of tuition fees to UMKC. Students who successfully complete both American History 101 and American History 102 (2 semesters) can fulfill the U.S. History graduation requirements. Students enrolling in American History 101/102 (college credit) are not eligible to enroll in AP US History for additional high school credit.

**AP UNITED STATES HISTORY\*\*****COURSE #:** HS0266**GRADES:** 11-12**CREDITS:** 1 Unit**Recommendation:** Recommendation from the most recent history teacher**CREDIT TYPE:** Social Studies

This is a survey of United States history from exploration to contemporary events. Its goals are to instill an appreciation of U.S. democracy, an understanding of the U.S. constitutional, political, economic, and social developments. Students will have a required summer reading assignment, be expected to read 30-50 pages of material per week, and should plan to spend a minimum of 2 hours per week outside of class on this course. All course materials are written using a college-level vocabulary. Students will learn the skills necessary to arrive at conclusions on the basis of informed judgment and to present reasons and evidence clearly and persuasively in essay format. An honor point may be earned for each semester passed of this course. Students who successfully complete this course can fulfill the 11<sup>th</sup> grade U.S. History graduation requirement. Students enrolling in AP US History are not eligible to enroll in American History 101/102 (college credit) for additional high school credit. All students are expected to take the AP exam and pay the examination fee.

**ECONOMICS****COURSE #:** HS0271**GRADES:** 11-12**CREDITS:** ½ Unit**CREDIT TYPE:** Social Studies

This course examines both micro and macroeconomic concepts. Units will include economic choices, the stock market, labor and management, money and banking, and role of the consumer. The course is designed for the college-bound student.

**GLOBAL ISSUES****COURSE #:** HS0288**GRADES:** 11-12**CREDITS:** ½ Unit**CREDIT TYPE:** Social Studies

This course examines issues, both current and historical, as they relate to the human rights of people both in the United States and around the world. Topics will include but not limited to the civil rights movement in the United States, the Holocaust and modern day genocides in such places as Rwanda, Cambodia, and the Sudan. Students taking this course should plan to do independent research and participate in class discussions.

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**SOCIAL STUDIES – *continued***

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**MINORITIES IN AMERICAN HISTORY****COURSE #: HS0291****GRADES: 11-12****CREDITS: ½ Unit****CREDIT TYPE: Social Studies**

Through this course, students will examine the contributions of minorities to American history. Students will learn about the influence of Native Americans, African Americans, Hispanic Americans, Asian Americans, women, and other groups on American society. Topics will include the early struggles of immigrant groups to adapt to America, key minority leaders and historical figures, and how the major events in U.S. history (such as The Great Depression and the major wars) impacted minority groups in America. Through independent research and class discussion, students will receive a greater appreciation of our nation's diversity.

**SOCIOLOGY I****COURSE #: HS0263****GRADES: 11-12****CREDITS: ½ Unit****CREDIT TYPE: Social Studies**

This course is a study of human relationships. It includes units on culture, socialization, social organization, social institutions, and social problems. Students taking this course will be expected to participate in in-class activities and group projects.

**SOCIOLOGY II****COURSE #: HS0290****GRADES: 11-12****CREDITS: ½ Unit****Prerequisite:** Sociology I**CREDIT TYPE: Social Studies**

This class takes an in-depth look at the key components of society and how they make society effective. Students will examine the family, deviance, race, ethnicity, education, religion, science, sport, population, and the roles that they play in the City of Blue Springs and in relationship to other areas of the world. Students will be expected to participate in class discussion, complete research projects, and write a research paper.

**WORLD RELIGIONS****COURSE #: HS0258****GRADES: 11-12****CREDITS: ½ Unit****CREDIT TYPE: Social Studies**

World Religions is a social studies elective that discusses the historical background and development, major tenets, founders and leaders, significant holidays, and holy writings of the world's five major religions. The course also explores the development of religious concepts among earlier peoples including tribal faiths, mythologies or folk religions, and the philosophies of Confucianism and Taoism.

**WORLD WAR II****COURSE #: HS0252****GRADES: 11-12****CREDITS: ½ Unit****Prerequisite:** World History**CREDIT TYPE: Social Studies**

This course covers one of the most important events of the 20<sup>th</sup> Century World War II. Topics included in this study are the causes, leaders, Holocaust, home front, weapons, propaganda, battles, and consequences of the war.

**PSYCHOLOGY****COURSE #: HS0283****GRADE: 12****CREDITS: ½ Unit****CREDIT TYPE: Social Studies**

This course covers various parts of the study of human behavior including the process of learning, classical conditioning, memory, perception, optical illusions, ESP, personality and many other topics. This course is primarily a lecture/discussion course.

**\*\* Students enrolling in dual credit and/or AP classes need to check with the college/university they are planning on attending regarding transferability and acceptable grades.**

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## **SPEECH / DEBATE / DRAMA**

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### **DEBATE I (BSHS only)**

**COURSE #:** BS0508

**GRADES:** 9-12

**CREDITS:** 1 Unit

**Recommendation:** A GPA of 2.0 or better is recommended

**CREDIT TYPE:** Speech/Elective

This is for students interested in learning to view both sides of an issue. Students debate in class on the national debate topic. Experience is also provided in preparation and presentation of original oratorics and extemporaneous speaking. Students will help manage either the Blue Springs or Blue Springs South Tournament. Weekend tournament participation is required. Fulfills the ½ unit of Speech requirement for graduation.

### **DEBATE I (BSSHS only)**

**COURSE #:** BSS0509

**GRADES:** 9-12

**CREDITS:** 1 Unit

**CREDIT TYPE:** Speech/Elective

See previous course description.

### **FORENSICS I (1<sup>st</sup> Sem only) (BSHS only)**

**COURSE #:** BS0516

**GRADES:** 9-12

**CREDITS:** ½ Unit

**CREDIT TYPE:** Fine Art/Speech

In this course students prepare for competition in such categories as duet acting, dramatic and humorous interpretation, poetry and prose reading, storytelling, and duo interpretation. Weekend tournament participation is required. Students will help with the Blue Springs or Blue Springs South Tournament. May fulfill the ½ unit of Fine Arts credit or the Speech requirement for graduation.

### **FORENSICS I (1<sup>st</sup> Sem only) (BSSHS only)**

**COURSE #:** BSS0517

**GRADES:** 9-12

**CREDITS:** ½ Unit

**CREDIT TYPE:** Fine Art/Speech

See previous course description.

### **INTRODUCTION TO THEATRE**

**COURSE #:** HS0522

**GRADES:** 9-12

**CREDITS:** ½ Unit

**CREDIT TYPE:** Fine Art/Speech

This is a survey course for the students who wish to explore the fundamental elements of theatre. Units covered include basic acting skills, theatre history, and dramatic structure. This may fulfill the ½ unit of Fine Arts credit or the Speech requirement for graduation.

### **DEBATE II**

**COURSE #:** HS0510

**GRADES:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** Debate I & teacher approval

**CREDIT TYPE:** Speech/Elective

This course is for students who wish to continue a more in-depth study of argumentation, both in theory and practice. Besides debating, experience in extemporaneous speaking and original oratory will be provided. Students will help manage the Blue Springs or Blue Springs South Tournament. Weekend tournament participation is required. May fulfill the ½ unit of Speech requirement for graduation.

### **FORENSICS II**

**COURSE #:** HS0518

**GRADES:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** Forensics I & teacher recommendation

**CREDIT TYPE:** Fine Art/Speech

This course is designed for those students who wish to continue a more in-depth analysis of interpretation of literature and rehearsal techniques. Students are required to participate in weekend tournaments and to help run the Blue Springs or Blue Springs South Speech Tournament. May fulfill the ½ unit of Fine Arts credit or the Speech requirement for graduation.

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**SPEECH / DEBATE / DRAMA – *continued***

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**STAGE DESIGN AND THEATRE TECHNOLOGY****COURSE #:** HS0536**GRADES:** 10-12**CREDITS:** ½ Unit**Prerequisite:** Introduction to Theatre & teacher recommendation**CREDIT TYPE:** Elective

Students interested in the technical aspects of theatre production will study scene design and construction, scene painting, lighting, costumes, properties, special effects, and make-up.

**THEATRE STUDY****COURSE #:** HS0530**GRADES:** 10-12**CREDITS:** ½ Unit**Prerequisite:** Introduction to Theatre & teacher recommendation**CREDIT TYPE:** Fine Art

This course is designed for those students who wish to further develop their acting skills. Emphasis is placed on character development, play analysis and scene study. This may fulfill ½ unit of the Fine Arts credit.

**ADVANCED THEATRE STUDY****COURSE #:** HS0532**GRADES:** 11-12**CREDITS:** ½ Unit**Prerequisite:** Theatre Study & teacher recommendation**CREDIT TYPE:** Fine Art

This course is designed for those students who wish to pursue theatre in more depth. Participants will study audition techniques, acting styles and production principles. Students will apply learned skills in classroom performance. Out-of-class activities may be required. This may fulfill ½ unit of the Fine Arts credit.

**COMMUNICATIONS I****COURSE #:** HS0502**GRADES:** 11-12**CREDITS:** ½ Unit**CREDIT TYPE:** Speech/Elective

This semester course is designed to help students improve their communication skills through various types of activities. Activities include introductions to self-awareness, opportunities to prepare, present and evaluate speeches, exercises in articulation, group decision making activities, and analytical thinking. Fulfills the ½ unit of Speech requirement for graduation.

**DEBATE III****COURSE #:** HS0512**GRADES:** 11-12**CREDITS:** 1 Unit**Prerequisite:** Debate II & teacher approval**CREDIT TYPE:** Speech/Elective

This course continues the development of critical thinking skills, research skills, and persuasive speaking skills as applied to the national high school debate topic. In addition, students are asked to focus on and refine the performance of one individual event. The students in this advanced class will be involved in some peer teaching/coaching as they work with beginning debaters. They will also have leadership roles in the management of the Blue Springs or Blue Springs South Speech Tournament. Weekend tournament participation is required. May fulfill the ½ unit of Speech requirement for graduation.

**FORENSICS III****COURSE #:** HS0519**GRADES:** 11-12**CREDITS:** 1 Unit**Prerequisite:** Forensics II & teacher recommendation**CREDIT TYPE:** Fine Art/Speech

This course continues the development of the critical and independent analysis of interpretation and rehearsal techniques. Students will also increase their researching skills and acquire a better knowledge for the cutting and adapting of interpretive materials. In addition, reader's theatre and radio speaking will be covered. Students will hold committee positions for the Blue Springs/Blue Springs South Speech Tournament. May fulfill the ½ unit of Fine Arts credit or the Speech requirement for graduation.

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**SPEECH / DEBATE / DRAMA – *continued***

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**DEBATE IV – ARGUMENTATION AND DEBATE (Com 212)\*\*****COURSE #:** HS0514**GRADE:** 12**CREDITS:** 1 Unit**Prerequisite:** Debate III & teacher approval**CREDIT TYPE:** Speech/Elective**Dual/Articulated Credit:** 3 semester hours for qualified students. Must meet UMKC requirements.

Debate IV will expose students to models for evaluating reasoning, supporting materials, and organizational techniques. More emphasis will be placed on debate theory as students strive to improve their organizational techniques. Students will assume leadership roles in the management of the Blue Springs/Blue Springs South speech tournament. Weekend tournament participation is required. A UMKC fee is required if this course is taken for college credit. Two semesters of enrollment are required for college credit. May fulfill the ½ unit of Speech requirement for graduation.

**FORENSICS IV\*\*****COURSE #:** HS0520**GRADE:** 12**CREDITS:** 1 Unit**Prerequisite:** Forensics III & teacher recommendation**CREDIT TYPE:** Fine Art/Speech**Dual/Articulated Credit:** 3 semester hours (Dual credit is available for students who meet all MCC requirements. An MCC fee is required for the dual credit and must be paid during the first week of school.)

College credit Forensics refines the critical and independent analysis of interpretation and rehearsal techniques. Learners will be exposed to peer coaching. Students will assume leadership roles in the Blue Springs/Blue Springs South Speech Tournament. Weekend tournament participation is required. A MCC dual credit fee is required if this course is taken for college credit. May fulfill the ½ unit of Fine Arts credit or the Speech requirement for graduation.

**INTRODUCTION TO DIRECTING****COURSE #:** HS0538**GRADE:** 12**CREDITS:** 1 Unit**Prerequisite:** Advanced Theatre Study & teacher recommendation**CREDIT TYPE:** Elective

This class is for seniors who desire to develop directing skills. Participants will study various directing techniques, prepare scenes and direct one-act plays.

**\*\* Students enrolling in dual credit and/or AP classes need to check with the college/university they are planning on attending regarding transferability and acceptable grades.**

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## SUPPORTIVE SERVICES

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Supportive Services courses are provided for students who have an Individualized Education Program (IEP) in order to advance appropriately toward attaining their annual IEP goal(s) and to earn credits toward graduation. The Career and Educational Planning Guide, the student's IEP and advisement from teachers, counselors, and administrators are used to make decisions about courses that will provide students with the education they need for their future plans.

### Supportive Services – English Language Arts (Communication Arts)

**ENGLISH I** CWC0105 English – see course #HS0104 description.  
**COURSE #: CWC0105**  
**GRADE: 9**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: English**

**ENGLISH II** CWC0113 English II – see course #HS0112 description.  
**COURSE #: CWC0113**  
**GRADE: 10**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: English**

**ENGLISH III** CWC0121 English III – see course #HS0120 description.  
**COURSE #: CWC0121**  
**GRADE: 11**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: English**

**ENGLISH IV** CWC0139 English IV – see course #HS0138 description.  
**COURSE #: CWC0139**  
**GRADE: 12**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: English**

**ENGLISH A** Students will review basic grammar and will apply usage rules in writing. They will read fiction and nonfiction. They will write personal experience and analytical essays and essay responses to the literature studied. They will improve vocabulary skills, their study skills, and their ability to synthesize data, draw conclusions, and organize information for research based writing. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.  
**COURSE #: HS1410**  
**GRADE: 9-12**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: English**

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**SUPPORTIVE SERVICES – *continued***

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**ENGLISH B**  
**COURSE #:** HS1411  
**GRADE:** 10-12  
**CREDITS:** 1 Unit  
**Prerequisite:** IEP based  
**TYPE OF CREDIT:** English

Students will review usage rules essential to good writing and will learn to apply these in their own writing. They will write essays of analysis, essays responding to fiction and nonfiction texts, and essays based on researched information. Students will read literature selections of poetry, fiction, and nonfiction and will work on vocabulary improvement. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**ENGLISH C**  
**COURSE #:** HS1412  
**GRADE:** 11-12  
**CREDITS:** 1 Unit  
**Prerequisite:** IEP based  
**TYPE OF CREDIT:** English

Students will further develop their skills in composition, research, analysis, problem solving, and critical thinking. Students will develop their skills in drawing inferences in their reading and in analysis. Students will discuss major themes in American literature. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**ENGLISH D**  
**COURSE #:** HS1413  
**GRADE:** 12  
**CREDITS:** 1 Unit  
**Prerequisite:** IEP based  
**TYPE OF CREDIT:** English

Students will read a variety of fiction and nonfiction. Fiction may include short stories, novels, and plays while nonfiction may include newspaper and magazine articles, biographies, essays, and speeches. The course will include a wide range of strategies to comprehend, interpret, evaluate, and appreciate texts. Students will further develop writing skills from previous courses. Grammar and usage skills will also be reviewed. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**ENGLISH A (D/HH:FC/BSSHS)**  
**COURSE #:** HS1476  
**GRADE:** 9-12  
**CREDITS:** 1 Unit  
**Prerequisite:** IEP based  
**TYPE OF CREDIT:** English

Students will review basic grammar and will appropriately identify and apply usage rules in their writing. They will begin to develop their skills in composition. They will review definitions of multiple-meaning words and idioms. They will read fiction, non-fiction, and poetry, and will acquire a fundamental vocabulary base while also working on individual IEP goals. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**ENGLISH B (D/HH:BSSHS)**  
**COURSE #:** HS1414  
**GRADE:** 10-12  
**CREDITS:** 1 Unit  
**Prerequisite:** IEP based  
**TYPE OF CREDIT:** English

Students will review usage rules essential to good writing and will learn to apply these to their own writing. Students will read world literature selections and will write paragraph responses to their reading. They will also work on vocabulary improvement and non-literal/figurative language, while also working on individual IEP goals. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

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**SUPPORTIVE SERVICES – *continued***

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**ENGLISH C (D/HH:BSSHS)****COURSE #:** HS1415**GRADE:** 11-12**CREDITS:** 1 Unit**Prerequisite:** IEP based**TYPE OF CREDIT:** English

Students will further develop their skills in composition, analysis, problem solving, and critical thinking. This course involves a review of the structure of English and of study skills. Students will continue to further their understanding of nonliteral/figurative language and will begin to apply to their own writing. Students will develop their skills in drawing inferences in their reading and in analysis. Students will read American literature selections. Students will write paragraph responses and improve their library and research skills, while also working on individual IEP goals. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**ENGLISH D (D/HH:BSSHS)****COURSE #:** HS1417**GRADE:** 12**CREDITS:** 1 Unit**Prerequisite:** IEP based**TYPE OF CREDIT:** English

This course is designed to enhance the students' English skills for everyday life. Students will demonstrate the ability to effectively use newspapers, websites, etc. to gain information. Students will practice applying grammar/usage rules in real-life situations. Students will write essays of analysis and will continue to broaden their vocabulary base and understanding of the English language. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**ENGLISH FUNDAMENTALS I (FC/BSHS)****COURSE #:** HS1454**GRADE:** 9-12**CREDITS:** 1 Unit**Prerequisite:** IEP based**TYPE OF CREDIT:** English

Students will review grammar and usage rules and apply them in personal experience. Writing will focus upon sentences, paragraphs, business and personal letters, and job applications. Reading skills will be addressed through study of vocabulary and comprehension strategies. Students will be exposed to poetry, fiction and nonfiction selections and have opportunities for independent reading choices. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**ENGLISH FUNDAMENTALS II (BSHS)****COURSE #:** HS1400**GRADE:** 10-12**CREDITS:** 1 Unit**Prerequisite:** IEP based**TYPE OF CREDIT:** English

This course is designed to develop language arts skills for social, academic, and employment opportunities. Students will develop skills in decoding, vocabulary building, reading comprehension, and writing skills. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**ENGLISH FUNDAMENTALS III (BSHS)****COURSE #:** HS1401**GRADE:** 11-12**CREDITS:** 1 Unit**Prerequisite:** IEP based**TYPE OF CREDIT:** English

This course is designed to further develop language arts skills for social, academic, and employment opportunities. Students will develop skills in decoding, vocabulary building, reading comprehension, and writing skills. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

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## **SUPPORTIVE SERVICES – *continued***

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### **ENGLISH FUNDAMENTALS IV (BSHS)**

**COURSE #:** HS1402

**GRADE:** 12

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** English

This course is designed to further develop language arts skills for social, academic, and employment opportunities. Students will develop skills in decoding, vocabulary building, reading comprehension, and writing skills. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

### **READING FUNDAMENTALS & APPLICATIONS**

**COURSE #:** HS1432

**GRADE:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** English

This course is designed to improve student reading skills by increasing sight word knowledge, building vocabulary, increasing comprehension and improving fluency. In addition, students will improve listening skills, speaking skills and writing skills to include spelling, punctuation and grammar. Students will use a variety of reading strategies including: anticipation guides, clarifying and connecting, evaluating, parallel note-taking, predicting, questioning, summarizing, thinking aloud, visualization and participating in discussions. This course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

## **Supportive Services – Fine Arts**

### **THEATER FUNDAMENTALS (BSHS)**

**COURSE #:** HS1466

**GRADE:** 10-12

**CREDITS:** 1/2 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Fine Art

This course is designed to introduce students to the dramatic arts. Students will participate in activities to enhance their artistic abilities both physically and vocally. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

### **CREATIVE ARTS FUNDAMENTALS (BSHS)**

**COURSE #:** HS1494

**GRADE:** 10-12

**CREDITS:** 1/2 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Fine Art

This course is designed to provide students with various art form experiences, including music, drama, movement, and the visual arts. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

## **Supportive Services - Mathematics**

### **ALGEBRA A**

**COURSE #:** CWC0326

**GRADE:** 9-10

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Math

CWC0326 Algebra A – see course #HS0318 description.

### **ALGEBRA B**

**COURSE #:** CWC0328

**GRADE:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Math

CWC0328 Algebra B – see course #HS0319 description.

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**SUPPORTIVE SERVICES – *continued***

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**ALGEBRA I**  
**COURSE #: CWC0331**  
**GRADE: 9-12**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Math**

CWC0331 Algebra I – see course #HS0330 description

**ALGEBRA II**  
**COURSE #: CWC0340**  
**GRADE: 10-12**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Math**

CWC0340 Algebra II – see course #HS0338 description

**GEOMETRY**  
**COURSE #: CWC0335**  
**GRADES: 10-12**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Math**

CWC0335 Geometry – see course #HS0334 description

**TECHNICAL GEOMETRY**  
**COURSE #: CWC0333**  
**GRADES: 10-12**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Math**

CWC0333 Technical Geometry – see course #HS0332 description

**PRE-ALGEBRA**  
**COURSE #: HS1418**  
**GRADES: 9-12**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Math**

This course includes concepts such as operations involving rational numbers, expressions, equations, use of formulas, solving and graphing linear equations and inequalities, solving proportions, applications of percent, probability, and concepts of geometry that include perimeter, area, volume, and surface area. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**ALGEBRA CONCEPTS**  
**COURSE #: HS1419**  
**GRADE: 10-12**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Math**

Students will begin to work with variables, expressions, and basic equations. Students will also be asked to solve word problems a person may encounter in everyday life situations. Since math is a spiral of concepts, students will also work on basic computation skills. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**GEOMETRY CONCEPTS**  
**COURSE #: HS1420**  
**GRADE: 11-12**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Math**

This course provides a variety of topics using shapes with problems, proofs, and basic constructions, so students have the opportunity to analyze and practice independent thinking. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

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## **SUPPORTIVE SERVICES – *continued***

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### **MATH FUNDAMENTALS I (FC/BSHS)**

**COURSE #:** HS1455

**GRADE:** 9-12

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Math

Students will develop mathematical skills needed for daily living. Concepts such as number sense, computation, problem-solving, fractions/percents/decimals, measurement, and money skills will be emphasized. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

### **MATH FUNDAMENTALS II (BSHS)**

**COURSE #:** HS1403

**GRADES:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Math

This course is designed to further develop mathematical skills needed for daily living. Number sense, computation, problem-solving, measurement, money, and clock skills will be emphasized. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

### **MATH FUNDAMENTALS III (BSHS)**

**COURSE #:** HS1404

**GRADES:** 11-12

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Math

This course is designed to further develop mathematical skills needed for daily living. Number sense, computation, money, and clock skills will be emphasized. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

### **MATH FUNDAMENTALS IV (BSHS)**

**COURSE #:** HS1405

**GRADES:** 12

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Math

This course is designed to further develop mathematical skills needed for daily living. Number sense, computation, money, and clock skills will be emphasized. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

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## **Supportive Services – Personal Finance**

### **PERSONAL FINANCE**

**COURSE#:** CWC1505

**GRADE:** 12

**CREDITS:** 1/2 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Personal Finance

CWC1505 Personal Finance – see course #HS1503 description

### **PERSONAL FINANCE FUNDAMENTALS**

**COURSE #:** HS1479

**GRADE:** 12

**CREDITS:** 1/2 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Personal Finance

This course teaches essential life skills for young adults as they transition from high school. Students will explore consumer decision-making skills, banking, credit, insurance, and the legal system. They will practice the job application process and participate in mock interviews. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

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## **SUPPORTIVE SERVICES – *continued***

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### **Supportive Services – Physical Education and Health**

**PHYSICAL EDUCATION/HEALTH  
FUNDAMENTALS (FC)**

**COURSE#:** HS1429

**GRADE:** 9

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Physical  
Education/Health

This course is designed to meet a student's physical, emotional, safety and cognitive needs through a variety of fitness, endurance, and recreational activities as well as examine health-related issues. The course is designed to provide adapted physical education services on appropriate IEP goals as outlined in each student's IEP.

**PHYSICAL EDUCATION**

**COURSE #:** HS1437

**GRADE:** 9-12

**CREDITS:** 1/2 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Physical Education

This course is designed to meet a student's physical, emotional, safety, and cognitive needs through a variety of fitness, endurance, and recreational activities. Individual skills, team sports, and other activities that enhance physical fitness will be emphasized with a variety of structured activities. The course is designed to provide adapted physical education services on appropriate IEP goals as outlined in each student's IEP.

**HEALTH FUNDAMENTALS (BSHS)**

**COURSE #:** HS1460

**GRADE:** 10-12

**CREDITS:** 1/2 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Health

This course is designed to examine health-related issues. Concepts such as nutrition, exercise, first aid, reproduction, dangers of drugs/alcohol/tobacco, and basic health issues will be emphasized. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**SPORTS & FITNESS (BSHS)**

**COURSE #:** HS1495

**GRADE:** 10-12

**CREDITS:** 1/2 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Physical Education

Students in this course will participate in sports and fitness activities. Students will be introduced to a variety of physical activities and sports and will examine concepts such as fundamental movement skills and health benefits of physical activity. The course is designed to provide adapted physical education services on appropriate IEP goals as outlined in each student's IEP.

### **Supportive Services – Practical Arts / Technology**

**FAMILY AND CONSUMER SCIENCE  
FUNDAMENTALS (FC/BSHS)**

**COURSE #:** HS1458

**GRADE:** 9-12

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Practical Art

This course is designed to develop student skills for self-care, basic financial management, and employment. Students will participate in a variety of activities which include meal planning, grocery shopping, making purchases, money handling, accessing resources and community information, and developing employment skills. Formal and/or informal transition assessments may be given as a part of this course. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**BUSINESS TECHNOLOGY  
FUNDAMENTALS (BSHS)**

**COURSE #:** HS1463

**GRADE:** 10-12

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Practical Art

This course is designed to develop student skills in business and business technology. Students will learn business and computer skills that will be helpful after high school. Students explore communications within a business environment including letters, e-mail, resumes, and interview techniques. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP. This course may fulfill the district technology requirement.

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## **SUPPORTIVE SERVICES – *continued***

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**COMPUTER APPLICATION  
FUNDAMENTALS (BSHS)**  
**COURSE #: HS1464**  
**GRADE: 10-12**  
**CREDITS: 1/2 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Practical Art**

This course is designed to develop computer skills. Students will complete activities to improve typing speed and accuracy and will develop basic computer skills. Students will create personal and business documents. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP. This course may fulfill the district technology requirement.

**HOME MAINTENANCE & REPAIR  
FUNDAMENTALS (BSHS)**  
**COURSE #: HS1467**  
**GRADES: 10-12**  
**CREDITS: 1/2 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Practical Art**

This course is designed to develop skills need to maintain a home and keep it in good repair. Basic tools, materials, steps, and products associated with the maintenance of the home will be studied. Consumer knowledge of safety will also be emphasized throughout this class. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**CULINARY ARTS FUNDAMENTALS  
(BSHS)**  
**COURSE #: HS1492**  
**GRADES: 10-12**  
**CREDITS: 1/2 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Practical Art**

This course is designed to provide a general knowledge of meal preparation. Concepts such as kitchen and food safety, nutrition, appliance usage, recipes, and culinary techniques will be emphasized. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

## **Supportive Services - Science**

**PHYSICAL SCIENCE**  
**COURSE #: CWC0409**  
**GRADE: 9**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Science**

CWC0409 Physical Science – see course #HS0408 description

**BIOLOGY I**  
**COURSE #: CWC0417**  
**GRADE: 10**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Science**

CWC0417 Biology I – see course #HS0416 description

**GEOLOGY**  
**COURSE #: CWC0460**  
**GRADES: 10-12**  
**CREDITS: 1/2Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Science**

CWC0460 Geology – see course #HS0440 description

**ASTRONOMY & METEOROLOGY**  
**COURSE #: CWC0461**  
**GRADES: 10-12**  
**CREDITS: 1/2 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Science**

CWC0461 Astronomy & Meteorology – see course #HS0439 description

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**SUPPORTIVE SERVICES – *continued***

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**CSI-CONDUCTING SCIENCE INVESTIGATIONS****COURSE #: CWC0458****GRADE: 11-12****CREDITS: 1 Unit****Prerequisite:** IEP based**TYPE OF CREDIT: Science**

CWC0458 CSI-Conducting Science Investigations – see course #HS0445 description

**PHYSICAL SCIENCE****COURSE #: HS1421****GRADES: 9****CREDITS: 1 Unit****Prerequisite:** IEP based**TYPE OF CREDIT: Science**

This course emphasizes the fundamental concepts of both chemistry and physics. Areas of study and activities will include laboratory skills and problem solving, scientific measurement, basic atomic theory, periodic table, chemical reactions, forces, motion, and waves. A general knowledge of math is required throughout the course. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**GENERAL BIOLOGY****COURSE #: HS1422****GRADES: 10-12****CREDITS: 1 Unit****Prerequisite:** IEP based**TYPE OF CREDIT: Science**

The principles of biology provide the foundation for students to make good decisions related to health, occupation, and future education. Topics covered include chemistry of cells, ecology and ecosystems, cell structure and function, photosynthesis, respiration, cell cycle, genetics and inheritance, biotechnology, evolution, classification, and body systems. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**GENERAL SCIENCE****COURSE #: HS1423****GRADES: 11-12****CREDITS: 1 Unit****Prerequisite:** IEP based**TYPE OF CREDIT: Science**

This course is designed to provide a general knowledge of science based upon furthering knowledge gained from previous coursework. Topics include exploring different components that make up planet Earth, ecosystems, and further exploration of concepts introduced in physical science and biology. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**SCIENCE FUNDAMENTALS I (FC/BSHS)****COURSE #: HS1456****GRADE: 9-12****CREDITS: 1 Unit****Prerequisite:** IEP based**TYPE OF CREDIT: Science**

This course is designed to examine an array of science concepts. Topics include botany, geology, meteorology, earth science, and space. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**SCIENCE FUNDAMENTALS II (BSHS)****COURSE #: HS1406****GRADES: 10-12****CREDITS: 1 Unit****Prerequisite:** IEP based**TYPE OF CREDIT: Science**

This course is designed to examine an array of science concepts. Topics include rocks, minerals, and fossils; the water cycle; weather; Earth and its place in the solar system; properties of matter; heat; light; and forces and motion. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

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## **SUPPORTIVE SERVICES – *continued***

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### **SCIENCE FUNDAMENTALS III (BSHS)**

**COURSE #:** HS1407

**GRADES:** 11-12

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Science

This course is designed to further examine an array of science concepts. Topics include rocks, minerals, and fossils; the water cycle; weather; Earth and its place in the solar system; properties of matter; heat; light; and forces and motion. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

## **Supportive Services – Social Studies**

### **GEOGRAPHY**

**COURSE #:** CWC0231

**GRADE:** 9

**CREDITS:** 1/2 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Social Studies

CWC0231 Geography – see course #HS0285 description

### **AMERICAN GOVERNMENT**

**COURSE #:** CWC0239

**GRADE:** 9

**CREDITS:** 1/2 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Social Studies

CWC0239 American Government – see course #HS0280 description

### **WORLD HISTORY**

**COURSE #:** CWC0237

**GRADE:** 10

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Social Studies

CWC0237 World History – see course #HS0236 description

### **UNITED STATES HISTORY**

**COURSE #:** CWC0234

**GRADES:** 11

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Social Studies

CWC0234 United States History – see course #HS0205 description

### **GEOGRAPHY**

**COURSE #:** HS1433

**GRADES:** 9

**CREDITS:** 1/2 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Social Studies

This course is designed to examine the different regions of the world. Study will include physical features of the earth, significant historical events, cultural diversity, and current events as applicable. Students will develop skills in research, writing, and critical thinking. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

### **AMERICAN GOVERNMENT**

**COURSE #:** HS1434

**GRADES:** 9

**CREDITS:** 1/2 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Social Studies

This course is designed to study our government with a focus on the US constitution, the different branches, the electoral process, flag etiquette, as well as state and local government. Students will take the US Constitution test and the Missouri Constitution test. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

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**SUPPORTIVE SERVICES – *continued***

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**WORLD HISTORY****COURSE #: HS1435****GRADES: 10-12****CREDITS: 1 Unit****Prerequisite:** IEP based**TYPE OF CREDIT: Social Studies**

This is a survey of world history from ancient Greece and Rome to modern day conflicts. The focus will be post-1450 and events in world history. Major trends, cultural diversity, institutions, and ideas will be integrated throughout the course of study. Students will continue using primary and secondary historical documents to help interpret the past and better understand contemporary issues. Students will continue to develop their social studies skills of research, writing, and critical thinking. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**UNITED STATES HISTORY****COURSE #: HS1436****GRADES: 10-12****CREDITS: 1 Unit****Prerequisite:** IEP based**TYPE OF CREDIT: Social Studies**

This is a survey of United States history from Manifest Destiny to contemporary events with an emphasis on post-Reconstruction events. Its goals are to instill an appreciation of the US democracy, and understanding of the US constitutional, political, economic, and social developments, and an increased knowledge of US geography. Students will further develop skills in critical thinking, research, and writing skills. Primary and secondary documents will be used to research and report findings. The course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**GEOGRAPHY FUNDAMENTALS****COURSE #: HS1438****GRADE: 9****CREDITS: 1/2 Unit****Prerequisite:** IEP based**TYPE OF CREDIT: Social Studies**

This course is designed to examine the different regions of the United States, including city, state, and country maps. Concepts will include physical features of the Earth, significant historical events, cultural diversity, and current events as applicable to geography. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**AMERICAN GOVERNMENT  
FUNDAMENTALS****COURSE #: HS1471****GRADE: 9****CREDITS: 1/2 Unit****Prerequisite:** IEP based**TYPE OF CREDIT: Social Studies**

This course is designed to explore the system of government in the United States, the United States constitution, and historical events as applicable to American government. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**SOCIAL STUDIES FUNDAMENTALS II  
(BSHS)****COURSE #: HS1408****GRADE: 10-12****CREDITS: 1 Unit****Prerequisite:** IEP based**TYPE OF CREDIT: Social Studies**

This course is designed to explore major world history events. Major trends, cultural diversity, and ideas will be examined throughout the course of study. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

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## **SUPPORTIVE SERVICES – *continued***

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### **SOCIAL STUDIES FUNDAMENTALS III (BSHS)**

**COURSE #:** HS1409

**GRADES:** 11-12

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Social Studies

This course is designed to explore major events in United States history. US democracy, the US constitution, and increased knowledge of US geography will be examined. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

## **Supportive Services – Speech**

### **INTERPERSONAL COMMUNICATION**

**COURSE#:** HS1481

**GRADE:** 9-12

**CREDITS:** 1/2 or 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Speech/Elective

This class is designed to improve communication and social skills for social, home, academic, and employment environments. Students will participate in a variety of activities to further develop self awareness and interpersonal awareness and communication. Activities will include role-playing, modeling, rehearsing, scripting, social stories, comic strip conversations, and discussions. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP. Fulfills the ½ unit of Speech requirement for graduation.

### **COMMUNICATION FUNDAMENTALS & APPLICATIONS**

**COURSE #:** HS1453

**GRADE:** 10-12

**CREDITS:** 1/2 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Speech/Elective

This semester course is designed to help students improve their communication skills through various types of activities. Activities include introductions to self-awareness, opportunities to prepare, present and evaluate speeches, exercises in articulation, group decision making activities, and analytical thinking. This course modifies the general curriculum and is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP. Fulfills the ½ unit of Speech requirement for graduation.

## **Supportive Services - Electives**

### **CAREER PREPARATION I**

**COURSE #:** HS1424

**GRADE:** 9

**CREDITS:** 1 Unit

**Prerequisite:** IEP based

**TYPE OF CREDIT:** Elective

This course is designed to focus upon developing skills needed to support students' postsecondary goals. An emphasis will be placed on understanding the IEP process, understanding individual disability, goal-setting, self-determination, and career exploration. Transition assessments and activities in the areas of education/training, education, and independent living are given as a part of this course to identify student aptitudes, interests, skills, and needs. A portion of this class will be reserved for guided study. Formal and/or informal transition assessments may be given as a part of this course. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

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**SUPPORTIVE SERVICES – *continued***

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**CAREER PREPARATION II**  
**COURSE #: HS1426**  
**GRADE: 10**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Elective**

This course is designed to focus upon developing skills needed to support students' postsecondary goals. An emphasis will be placed upon further understanding of the IEP process including the transition plan Form C, understanding individual disability, goal-setting, self-determination, and career exploration. Transition assessments and activities in the areas of education/training, education, and independent living are given as a part of this course to identify student aptitudes, interests, skills, and needs. A portion of this class will be reserved for guided study. Formal and/or informal transition assessments may be given as a part of this course. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**CAREER PREPARATION III**  
**COURSE #: HS1427**  
**GRADE: 11**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Elective**

This course is designed to focus upon developing skills needed to support students' postsecondary goals. An emphasis will be placed upon understanding the IEP process including transition plan Form C, determining a timeline to complete activities related to individual postsecondary transition plans, self-determination, career exploration, and an introduction to postsecondary disability laws, services, accommodations, and agencies. Transition assessments and activities in the areas of education/training, education, and independent living are given as a part of this course to identify student aptitudes, interests, skills, and needs. A portion of this class will be reserved for guided study. Formal and/or informal transition assessments may be given as a part of this course. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**CAREER PREPARATION IV**  
**COURSE #: HS1428**  
**GRADE: 12**  
**CREDITS: 1 Unit**  
**Prerequisite:** IEP based  
**TYPE OF CREDIT: Elective**

This course is designed to focus upon developing skills needed to support students' postsecondary goals. An emphasis will be placed upon postsecondary disability laws, services, accommodations, and agencies and determining a timeline to complete activities related to individual postsecondary transition plans. Transition assessments and activities in the areas of education/training, education, and independent living are given as a part of this course to identify student aptitudes, interests, skills, and needs. Students will review test-taking skills, such as those needed for COMPASS. A portion of this class will be reserved for guided study. Formal and/or informal transition assessments may be given as a part of this course. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

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**SUPPORTIVE SERVICES – *continued***

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**INTRODUCTION TO CAREERS (BSHS)****COURSE #:** HS1452**GRADE:** 10-12**CREDITS:** 1 Unit**Prerequisite:** IEP based**TYPE OF CREDIT:** Elective

This course is designed to explore various careers and develop the workplace skills students will need. Students will have the opportunity to research various careers of interest and investigate the skills needed specific to each career. Students will examine the job search process, interview practices, resumes, and applications. Formal and/or informal transition assessments may be given as a part of this course. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**LIGHT INDUSTRY WORK EXPERIENCE (BSHS)****COURSE #:** HS1493**GRADE:** 10-12**CREDITS:** 1 Unit**Prerequisite:** IEP based**TYPE OF CREDIT:** Elective

This course is designed to prepare students for employment through creative skill projects. Skills such as working effectively with others, following directions, demonstrating work related safety skills, and completing a task on time and to expectations will be emphasized. Formal and/or informal transition assessments may be given as a part of this course. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**BEGINNING WORK EXPERIENCE****COURSE #:** HS1461**GRADE:** 9-12**CREDITS:** 1 Unit**Prerequisite:** IEP based**TYPE OF CREDIT:** Elective

This course is designed for students to explore real life work experience in the school community. This class provides community-based instruction at different locations throughout the week. Students will practice communication skills, professionalism, following directions, and completing a task on time and to expectations. Formal and/or informal transition assessments may be given as a part of this course. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**SUPERVISED WORK EXPERIENCE****COURSE #:** HS1480**GRADE:** 10-12**CREDITS:** 1 Unit**Prerequisite:** IEP based**TYPE OF CREDIT:** Elective

This course is designed to provide the opportunity for students to explore various occupations, as practiced at job sites in the community. Goals of this course include the acquisition of general skills related to performing work under supervision, as well as job-related skills. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**SUPERVISED EMPLOYMENT****COURSE #:** HS1465**GRADE:** 11-12**CREDITS:** 1 Unit**Prerequisite:** IEP based**TYPE OF CREDIT:** Elective

This course is designed to provide the opportunity for Cooperative Work Experience in a competitive setting. Students must be clients of the Division of Vocational Rehabilitation, be currently employed in a paid, competitive setting, be released from school for a minimum of one hour per school day, and provide their own transportation. Goals of this course include the acquisition of general skills related to performing work under supervision, as well as job-related skills. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

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**SUPPORTIVE SERVICES – *continued***

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**COMMUNICATION & LANGUAGE  
(D/HH:FC/BSSHS)****COURSE #: HS1473****GRADE: 9-12****CREDITS: 1 Unit****Prerequisite:** IEP based**TYPE OF CREDIT: Elective**

The curriculum in this course is organized around skills necessary for the student in academics and postsecondary plans. Emphasis is on grade level vocabulary, to support student participation in all subject areas. Areas to be addressed include: communication and language, self advocacy, assistive technology, transition and organizational skills. This course is designed for students who are Deaf or Hard of Hearing that require a modified curriculum based on goals and services outlined in their IEP. The course is designed to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

**COMMUNICATION & LANGUAGE (VI)****COURSE #: HS1474****GRADE: 9-12****CREDITS: 1 Unit****Prerequisite:** IEP based**TYPE OF CREDIT: Elective**

The curriculum in this course is organized around skills necessary for the student to be successful in school and postsecondary plans. Areas to be addressed include: assistive technology, Braille, rehabilitation services, self advocacy, and organizational skills. This course is designed for students with visual impairment that require a modified curriculum and specialized instruction based on goals and services outlined in each student's IEP.

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## NON-DEPARTMENTAL ELECTIVES

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### **ACT PREP CLASS**

**COURSE #: HS1555**

**GRADES: 10-12**

**CREDITS: ½ Unit**

**Prerequisite:** Geometry or Tech Geometry

**CREDIT TYPE: Elective**

This course prepares students for all four portions of the ACT test – Math, Science, English, and Reading. Students should plan to take the ACT Exam at least one time during the semester. Test fees will be paid by the students.

### **AMERICAN SIGN LANGUAGE (BSSHS Only)**

**COURSE#: BSS1524**

**GRADES: 10-12**

**CREDITS: ½ Unit**

**CREDIT TYPE: Elective**

Beginning American Sign Language (ASL) is a semester-long course designed to provide students with a fundamental vocabulary base, a basic understanding of ASL grammatical and syntactic structure, beginning conversational skills and a general knowledge of Deaf culture. No prior experience with sign language or the Deaf community is necessary. American Sign Language may be counted as an elective, Foreign Language, or 4<sup>th</sup> year English course at some colleges and universities.

### **LEADERSHIP**

**COURSE#: HS1514**

**GRADES: 11-12**

**CREDITS: 1 Unit**

**Prerequisite:** Member of Senate

**CREDIT TYPE: Elective**

This class is designed to develop leadership skills for those who have been elected to a position in the Student Senate. Areas of study will include writing constitutions, conducting a business meeting, organizing committees, identifying leadership skills in others, devising and leading student activities. The format will consist of academic and workshop activities.

### **CADET EXPLORATORY TEACHING**

**(1<sup>st</sup> Sem at BSSHS)**

**(2<sup>nd</sup> Sem at BSHS)**

**COURSE #: HS1517**

**GRADE: 12**

**CREDITS: ½ Unit**

**CREDIT TYPE: Elective**

Gives high school students interested in becoming a teacher pre-vocational information and experience. The program consists of five weeks of "readiness" activities in a classroom situation with the regular instructor, ten weeks of field work with a cooperating teacher, and two weeks debriefing in the classroom. Students may select placement at either the elementary or secondary level. The class is offered the last hour of the day. A sixth hour study hall is needed for students wishing to be placed at the secondary level. It is recommended that students wishing to be placed at the elementary level be able to give one hour beyond the regular senior high day. Each person must furnish his/her own transportation. NOTE: First semester at Blue Springs South High School only. Second semester at Blue Springs High School only.

### **PEER ASSISTANTS (BSHS only)**

**COURSE #: BS1518**

**GRADE: 12**

**CREDITS: ½ Unit**

**CREDIT TYPE: Elective**

This course allows students to assist students with special needs for credit.

# OFF-CAMPUS EDUCATIONAL OPPORTUNITIES

## FT. OSAGE CAREER & TECHNOLOGY CENTER

The high schools of Blue Springs, in cooperation with The Career and Technology Center at Fort Osage, offer to qualifying students the following vocational school-to-career programs.

### **THE CAREER AND TECHNOLOGY CENTER AT FORT OSAGE** *More Than You Expect!*

#### **What is Career-Technical Education all about?**

Are you aware that over three-fourths ( $\frac{3}{4}$ ) of all jobs in the twenty-first century will require specialized training? Did you know that of the top twenty fastest growing jobs for the next ten years, fifteen require specialized training only available at schools like the Career and Technology Center? A general high school diploma isn't enough anymore. You need something extra, and that is the type of training offered at The Career and Technology Center.

#### **Who attends the CTC?**

Students who want more in their high school careers find a variety of options open to them through career/technical education. If you plan to enter the workforce immediately after graduation, you need skills to get started toward a rewarding career. If college is in your future, you can start today by enrolling in any of the career/technical programs that are eligible for college credit through the Metropolitan Community Colleges (MCC).

#### **Can I get College Credit through the CTC?**

Absolutely! The Career and Technology Center is a member of the Metropolitan Community Colleges' Tech Prep Consortium. MCC recognizes the high level of programs at the CTC and awards college credit to students who meet the college's criteria. Many programs offer dual credit that is awarded upon completion of the course requirements and allow students to take the credit to colleges and universities other than the MCC. Some programs offer articulated credit, which is earned at the CTC, but is awarded after graduation and upon successful completion of the first semester at the college that is offering the credit. These dual and articulated credits allow students to graduate from high school with up to a semester of college already completed. Earning college credit requires the student to meet the college's criteria on grade point average (GPA) from their home high school, successful completion of the CTC program, and an appropriate score on one of several standardized tests (such as the ACT, MAP, or the MCC's ASSET).

#### **What about Internships?**

Students in courses at the Career and Technology Center have the chance to be involved in exciting internships at area businesses, industries, and companies. Both paid and unpaid internships allow students to put their knowledge to work while still in high school.

#### **What about my college prep certificate?**

The second year of most programs has been designated as an advanced career/technical program, and the credit may be applied to the high school preparatory studies certificate for graduation.

#### **What is the level of expectation at the CTC?**

The Career and Technology Center demands the same **high** levels of performance found in business and industry. Rigorous standards for attendance and student performance have been set that, when met, can result in a rewarding future for you.

**How do I sign up?**

Act now! Students from Fort Osage, Blue Springs, Blue Springs South, Grain Valley, and Oak Grove High Schools attend The Career and Technology Center, so space is limited. See your counselor for an application. Parents and prospective students will be invited to an orientation and/or open house and will be notified as to dates and times of this meeting.

**AGRICULTURE PRODUCTIONS P.M.****COURSE #: HS1670****GRADES: 11-12****CREDITS: 3 Units**

(3 Units, Gr. 11-12, 4 Sem.) (First year seniors considered with available space.)

**Prerequisite:** CTC Application Process

Students will learn various metal fabrication techniques used in today's agricultural environment. Each student will fabricate several projects using ARC and MIG welders, oxy-acetylene torches, and plasma cutting equipment along with an assortment of hand tools. Students will have the option to purchase or sell the project at the end of the class. The students will also cover major production methods in animal and plant science. This course will also concentrate on the business side of the operation. Students will take field trips to observe agriculture production in action. This course is for advanced ag science students as well as those beginning students interested in a career in agriculture.

**AUTO COLLISION TECHNOLOGY****COURSE #: HS1610 A.M.****COURSE #: HS1612 P.M.****GRADES: 11-12****CREDITS: 3 Units**

(3 hours daily) (2 year program) (3 Units, 4 Sems.) 3 high school credits per year.

Twenty-six (26) hours of dual or articulated credit available through Longview Community College (MCC) if college's criteria are met.

**Prerequisite:** CTC Application Process

Auto Collision Technology is a two year program that exposes the student to many of the key skills of the auto collision industry including welding, non-structural and structural repair, refinish preparation, masking, refinishing, detailing and damage estimating. We are accredited with ICAR and a member of the ICAR Academic Alliance and allow the students an opportunity to earn ICAR points which are recognized in the industry and valued by employers. Students will spend time working on projects both staged and real world customer work and get a jump start on the training needed to complete a degree or pursue entry level employment in the collision industry.

**AUTO TECHNOLOGY I****COURSE #: HS1614 A.M.****COURSE #: HS1616 P.M.****GRADE: 11****CREDITS: 3 Units**

(3 hours daily) (2 year program) (3 Units, 2 Sems.) Up to ten (10) hours of articulated credit available over two years through Linn State Technical College if college's criteria are met. Ten (10) hours (total over two years) of dual or articulated credit available through Longview Community College (MCC) if college's criteria are met. This class can lead to internships with participating repair facilities and/or dealer-sponsored education.

**Prerequisite:** CTC Application Process

Automotive Technology prepares the student to meet the challenges of diagnosis and repair of today's automobile. Instruction includes tool identification and use, gaining entry level skills for automotive employment, front-end alignment, steering and suspension, brakes, and engine repair. ASE certified.

**AUTO TECHNOLOGY II****COURSE #: HS1602 A.M.****COURSE #: HS1603 P.M.****GRADE: 12****CREDITS: 3 Units**

(3 hours daily) (2nd year program) (3 Units, 2 Sems.) Up to ten (10) hours of articulated credit available over two years through Linn State Technical College if college's criteria are met. Ten (10) hours (total over two years) of dual or articulated credit available through Longview Community College (MCC) if college's criteria are met. This class can lead to internships with participating repair facilities and/or dealer-sponsored education.

**Prerequisite:** CTC Application Process

This course prepares the student to meet the challenges of diagnosis and repair of today's automobile. Instruction includes advanced tool identification and use, electrical fundamentals, engine performance, college and career readiness fundamentals. ASE certified.

**COMPUTER AIDED DESIGN TECHNOLOGY (CAD-TECH)****COURSE #: HS1626 A.M.****COURSE #: HS1628 P.M.****GRADES: 11-12****CREDITS: 3 Units**

(3 Units, 4 Sems.) (2 year program) First year seniors considered with available space. Eight (8) hours of college credit available through Business and Technology College (MCC) if BTC's "credit by examination" criteria are met. (Additional opportunities may be available.)

**Prerequisite:** CTC Application Process

Computer Aided Design (CAD) is used in product, architectural, graphic, and engineering design serving an incredible variety of fields such as aerospace engineering, landscape architecture and manufacturing. Offering both general and specialized design software and cutting edge technology, this course can offer students a variety of opportunities to learn about the drafting and design industry. With the use of our 3D prototyping machine, students can learn to gather the necessary data to plan, design and complete a finished product. The second year offers advanced studies of architectural design and blue print reading.

**COMPUTER SUPPORT SPECIALIST I****COURSE #: HS1650 A.M.****COURSE #: HS1652 P.M.****GRADES: 11-12****CREDITS: 3 Units**

(3 Units, 2 Sems.) (1st year program) Twelve (12) hours of dual or articulated college credit available through Blue River Community College (MCC) if college's criteria are met. Successful students are prepared to take the A+ certification test.

**Prerequisite:** CTC Application Process

Students learn end user support of microcomputers, software applications, problem-solving skills, trouble-shooting skills, and workplace skills. Fundamental concepts using state-of-the art equipment validate their importance to the computer technician. Students learn the assembly and testing of today's PC, hardware and software diagnostics, and computer networking.

**COMPUTER SUPPORT SPECIALIST II****COURSE #: HS1653 A.M.****COURSE #: HS1655 P.M.****GRADE: 12****CREDITS: 3 Units**

(3 Units, 2 Sems.) (2nd year program.) Up to sixteen (16) hours of "credit by examination" college credit is available through the Business and Technology College (MCC) if college's criteria are met. Up to an additional twelve (12) hours of articulated credit (CISCO Networking Academy) available through Missouri Career Educational/DESE.

**Prerequisite:** CTC Application Process, Computer Support Specialist I

The Cisco Networking Academy is designed to help students build 21<sup>st</sup> century skills such as collaboration and problem solving while encouraging practical application of knowledge through hands-on activities and network simulations. This provides students training in the computer networking field. Students will design, configure, install and troubleshoot LANs and WANs. The on-line curricula helps students prepare for career opportunities, continuing education, and CCNA certification.

**CONSTRUCTION TRADES TECHNOLOGY****COURSE #: HS1622 A.M.****COURSE #: HS1624 P.M.****GRADES: 11-12****CREDITS: 3 Units** (3 hours daily)  
(2 year program) (3 Units, 4 Sems.)

**Prerequisite:** CTC Application Process

Students learn the step-by-step procedures of building a house or similar structure. Students learn tools, safety, blue print reading, wall framing, roofing, interior and exterior finishes, as well as electrical wiring and plumbing skills. This course will also introduce elements of "green technologies" to all students. Students who successfully complete this program may be ready to enter the construction trades industry.

**CSI/LAW ENFORCEMENT****COURSE #: HS1708 A.M.****COURSE #: HS1709 P.M.****GRADES: 11-12****CREDITS: 3 Units**

(3 Units, 4 Sems.) (2 year program) First year seniors considered with available space.

**Prerequisite:** CTC Application Process

This course is intended to be a general introduction to the American criminal justice system with emphasis on law enforcement. Students will explore U.S. Constitutional Law and the Missouri Criminal Code. Students will gain practical knowledge in crime scene and accident investigation, professional ethics and leadership skills, basic first aid and other general duties performed by law enforcement officials.

**CULINARY ARTS****COURSE #: HS1605 A.M.****COURSE #: HS1606 P.M.****GRADES: 11-12****CREDITS: 3 Units**

(3 Units, 4 Sems.) (2 year program) First year seniors considered with available space.

**Prerequisite:** CTC Application Process

The culinary field is one of the fastest growing fields in the world today. Simply turn on a TV and you'll find that master chefs have taken over several cable channels, displaying their craft for all to see. However, the career opportunities don't end there. In addition to learning technical cooking skills in the newly-built, state-of-the-art kitchen and classroom, students will study safety and sanitation, hospitality and customer service, nutrition and wellness, customer service and management, and employability skills. Community and catering events present unparalleled occasions for regional, seasonal menu design and demonstration cooking. This class is rigorous, accelerated, and growth-driven, designed to provide students with the skills and networking opportunities to pursue a career and/or continued education.

**EMERGENCY MEDICAL TECH A.M.****COURSE #:** HS1665**GRADE:** 12**CREDITS:** 3 Units

(3 Units, 2 Sems.) (1 year program) First year senior (without Fire Science) considered with available space. Eight (8) hours of articulated credit available for students who enroll in MCC's Paramedic Program, if college's criteria are met.

**Prerequisite:** CTC Application Process

Students will learn the essentials of lifesaving through emergency medical procedures, including the care and transportation of the sick and injured. **Successful graduates are eligible to take the National Registry exam.** Due to rigorous training, this course requires excellent writing and verbal skills. **Students who have successfully completed the Fire Science Technology class will be given first priority for enrollment in this class.**

**ENTREPRENEURIAL STUDIES****COURSE #:** HS1689 A.M.**COURSE #:** HS1690 P.M.**GRADE:** 12**CREDITS:** 3 Units

**Prerequisite:** Senior status, minimum 2.5 GPA recommended (3 Units, 2 Sems.) (1 year program). Eighteen (18) hours of dual or articulated college credit available through Blue River Community College (MCC) if college's criteria are met.

**Prerequisite:** CTC Application Process

Students learn the essentials to start and operate a business using state-of-the-art technology. The class projects include a written business plan, establishing a business at Independence Center Mall that the students will plan, organize, and operate, and an eight-week internship in an approved business under the supervision of the owner/manager and teacher/coordinator. The course also includes individual and team research and oral presentation of projects with visuals. All of the projects are aligned with the Career and Technical Student Organization DECA. Students may be eligible for renewable scholarships sponsored through the Simon Youth Foundation.

**FIRE SCIENCE TECHNOLOGY P.M.****COURSE #:** HS1664**GRADES:** 11-12**CREDITS:** 3 Units

(3 Units, 2 Sems.) (1 year program) First year seniors are considered with available space. Seventeen (17) hours of articulated credit available through MCC if college's criteria are met.

**Prerequisite:** CTC Application Process

Students learn the basics of fire fighting that includes fire behavior, attack, and streams, inspections and the use of ladders, hoses, and breathing apparatus, techniques of rescue, and handling of hazardous materials. **Students who successfully complete the course may test for Hazmat Awareness, Hazmat Operations and Fire Fighter I and II certification.**

**HEALTH SCIENCES****COURSE #:** HS1638 A.M.**COURSE #:** HS1640 P.M.**GRADE:** 12

**CREDITS:** 3 Units (3 Units, 2 Sems.) (1 year program) Missouri Certification for Nurse Assistants (CNA) available. Students must be able to drive to clinical settings in the Independence/Blue Springs area, wear approved scrub apparel and provide proof of required immunizations. American Heart Association CPR training is included. CPR and first aid certification available. One (1) hour of articulated credit in Basic Emergency Care (EMPT 102) available through MCC-Penn Valley.

**Prerequisite:** CTC Application Process

Health care is one of the fastest growing areas for employment. Students will learn about the five health science pathways through classroom instruction, job shadowing, and second semester clinical experience. Interested students can become eligible for Missouri Certification as Nursing Assistants. Students can earn one credit of their required science credit.

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## SUMMIT TECHNOLOGY ACADEMY

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The senior high schools of Blue Springs, in cooperation with the Lee's Summit high schools, offer an off-campus opportunity for qualifying students for advanced studies in electronics, bio-science, technology/manufacturing technologies, and computer science.

### Summit Technology Academy Course Offerings For the 2012-2013 School Year

A **Center of Excellence** is the site of a specialty career-related program. Acceptance into a Center of Excellence program requires a student to have a minimum 2.0 GPA and a 90% or better attendance rate. Students interested should contact their counselor for an application. Programs marked with an asterisk (\*) are approved Center of Excellence programs.

#### **COMPUTER INTEGRATED MANUFACTURING PLTW**

**COURSE #:** HS1607 A.M.(2<sup>nd</sup> Sem)

**COURSE #:** HS1601 P.M.(2<sup>nd</sup> Sem)

**GRADES:** 11-12

**Prerequisite:** GPA: 2.0 cumulative or better; Attendance 90% or better; Math: Algebra I. Introduction to Engineering Design PLTW

**CREDITS:** 1.5 Units

**Recommended:** Digital Electronics, Geometry

This course is designed to expose students to the fundamentals of computerized manufacturing technology. The course is built around several key concepts: Computer Modeling-using a three dimensional, solid modeling software package with mass property analysis. CNC Equipment-understanding the machine tools and its operating and programming aspects. CAM Software-converting computer generated geometry into a program to drive CNC machine tools. Robotics-using a robot for materials handling and assembly operations. Flexible Manufacturing Systems-working in teams to design manufacturing work-cells and table top factory simulations.

#### **DIGITAL MEDIA TECHNOLOGY\***

**COURSE #:** HS1705 A.M.

**COURSE #:** HS1706 P.M.

**GRADES:** 11-12

**CREDITS:** 3 Units

**Prerequisite:** GPA: 2.0 cumulative or better; Attendance: 90% or better; Math: Algebra I, C or better; Reading/Writing: 10<sup>th</sup> grade level; one credit in Fine Arts.

**Recommended:** Computer Applications or Programming; proficiency in keyboarding

The Entertainment Media Technology program at Summit Technology Academy gives students an opportunity to explore and prepare for careers in the entertainment and media communications industries. Students will focus on audio production technologies including sound generation, studio recording and live sound reinforcement. They will work in teams to integrate music, graphics and video technologies in entrepreneurial projects for their schools and/or communities.

#### **INTERNATIONAL STUDIES\***

**COURSE #:** HS6701 P.M.

**GRADES:** 11-12

**CREDITS:** 3 Units

**Prerequisite:** GPA: 2.5 cumulative or better, Attendance: 90% or better; Students must have completed, or be enrolled in a level II Modern Language course.

**Recommended:** Computer Applications, Business, and Economics World History.

Summit International Studies Academy (SISA) provides students with an in-depth exposure to the major regions and languages of the world. Students will work with industry-standard technology and train members of the community in world cultures. SISA is a long-term corporate simulation, which means that the classroom is run like a business environment as students become active intercultural consultants within the community. Students will also operate in a collaborative environment, utilizing student teams to guide the curriculum. Students will be expected to exhibit a high level of responsibility including professional conduct and certain dress codes. Students will work together to direct their own learning. Students will interview for teams, bringing their unique skills and interests to the team, and will receive additional training in economics and political science that they will use to analyze the current global situation.

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**SUMMIT TECHNOLOGY ACADEMY – *continued***

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**IT ESSENTIALS\* (Fall A.M. & P.M.)****COURSE #:** HS1685 A.M. (1<sup>st</sup> Sem)**COURSE #:** HS1686 P.M. (1<sup>st</sup> Sem)**GRADES:** 11-12**CREDITS:** 1.5 Units**Dual Credit:** 6 hours at Metropolitan Community College—CSIS 112-113 or UCM Net 1060-1061 (eligible students)\***Prerequisite:** GPA: 2.5 cumulative or better; Attendance: 90% or better; Math: Algebra I, B- or better; Reading/Writing: Current grade level; Other requirement: Keyboarding, minimum 30 WPM. Outside class internet access is highly recommended.**Recommended:** Computer Hardware and Operating Systems, Algebra II.

This course prepares students for careers as network technicians, as well as, help desk and customer service positions. It provides a basic overview of routing, remote access, addressing, monitoring, security, and troubleshooting. It also familiarizes students with servers that provide email services, web space, and authenticated access. This course helps the student prepare for the Cisco Certified Entry Network Technician certification exam.

**NETWORK ESSENTIALS\*****COURSE #:** HS1691 A.M. (2<sup>nd</sup> Sem)**COURSE #:** HS1692 P.M. (2<sup>nd</sup> Sem)**GRADES:** 11-12**CREDITS:** 1.5 Units**Dual Credit:** 6 hours at Metropolitan Community College—CSIS 212, 213 or UCM Net 2060-2061 (eligible students)\***PREREQUISITE:** GPA: 2.5 cumulative or better; Attendance: 90% or better; Math: Algebra I, B- or better; Reading/Writing: Current grade level; Other requirement: Keyboarding, minimum 30 WPM. Outside class internet access is highly recommended.**Recommended:** Minimum grade of C in IT Essentials; Algebra II.

This course familiarizes students with the equipment, applications, protocols, and design principles in enterprise networks. This course focuses on switched networks, IP telephony requirements, and security and introduces advanced protocols. With IT Essentials, this course helps the student prepare for the Cisco Certified Network Associate certification exam.

**NETWORK SECURITY\*****COURSE #:** HS1695 A.M. (1<sup>st</sup> Sem)**COURSE #:** HA1696 P.M. (1<sup>st</sup> Sem)**GRADE:** 12**CREDITS:** 1.5 Units**Dual Credit:** 3 hours with UCM, Net 3068 (eligible students)\***Prerequisite:** Instructor Approval

This course teaches students the skills needed to obtain entry-level security specialist jobs. It provides a hands-on introduction to network security. Instructors are encouraged to provide outside-the-classroom learning experiences. This course helps the student prepare for the Certified Cisco Network Associate Security certification exam.

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## SUMMIT TECHNOLOGY ACADEMY – *continued*

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### PRE- NURSING PROGRAM\*

**COURSE #:** HS6671 A.M.

**COURSE #:** HS6669 P.M.

**GRADE:** 12

**CREDITS:** 3 Units

**Dual Credit:** Bio/150 (2 credit hours) Metropolitan Community College (for eligible students)\* Eligible students can also earn 4 credit hours through University of Central Missouri.

**Prerequisite:** GPA: 2.0 cumulative or better; Attendance: 90% or better; Math: Algebra I, C or better; Reading/Writing: 10<sup>th</sup> grade level; Biology and Chemistry, C or better; background check.

**Recommended:** Anatomy/Physiology (completed or concurrent enrollment); Chemistry II; Algebra II; College Prep English

This course is designed to prepare senior students, who have identified nursing as a clear career goal, for a collegiate registered nursing program. Students will learn through classroom instruction and practice in a clinical skills lab. Major units of study include nursing history and career exploration, pharmaceutical math, CPR/First Aid, nursing skills, and medical terminology. The course will introduce students to the nursing process, nursing documentation, effective communication skills and medical ethics. Students will learn and use APA style in the production of a research paper. Dual college credit options are subject to change based on instructor qualifications and college requirements. **STA nursing students will also have an opportunity to earn C.N.A. certification via an evening program at an extra cost.**

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## NON-CREDIT

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### STUDY HALL

**COURSE #:** HS9910 (1<sup>ST</sup> Sem)

**COURSE #:** HS9911 (2<sup>nd</sup> Sem)

**GRADES:** 11-12

**CREDIT:** 0

A student may not enroll in more than one study hall per semester. Counselor approval is required.

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## SUMMER SCHOOL

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Summer school courses are offered for remediation and enrichment. Courses taken during the summer do count in a student's GPA, (unless taken prior to the start of a student's freshman year). Per Board Policy 5.43, a ninth grade student MAY NOT start earning high school credit until after the first day of the regular school year. Please see your counselor for an application for summer school programs.