

# HIGH SCHOOL COURSE GUIDE



2021 - 2022



## BLUE SPRINGS SCHOOL DISTRICT

FACEBOOK: BSSDNEWS  
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WEBSITE: WWW.BSSD.NET

1801 NW VESPER, BLUE SPRINGS, MO 64015





Dear Students and Parents:

It is time to begin selecting courses for the 2021-2022 school year. The Blue Springs School District is excited to provide this course book as you determine your path towards graduation. Since long-range planning is important, please use this guide as a resource to develop your individual plan of study.

This book contains a complete listing and brief description of all courses offered to students in grades 9-12. Information about graduation and eligibility requirements, grading policies, pre-requisites for courses, and other topics are also included. If you have further questions, your school counselor is prepared to discuss your future plans and the best courses for you to take in preparation to meet your goals.

Students today have more opportunities than ever before to create their best educational experience through course work and participation in a variety of activities. We encourage you to be involved, and make choices that reflect your personal needs, interests, and talents. Your parents, teachers, counselors, and administrators want to help you reach your highest potential. Working with them to assemble your courses will help ensure you have a successful school year.

Best wishes for a rewarding high school experience!

Sincerely,

Bob Jerome  
Superintendent of Schools

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.

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.



## Blue Springs High School

2000 NW Ashton Dr - Blue Springs, MO 64015 – (816) 874-3400



## Blue Springs South High School

1200 SE Adams Dairy Pkwy - Blue Springs, MO 64014 – (816) 874-3500



## Valley View High School

5000 NW Valley View Rd - Blue Springs, MO 64015 – (816) 874-3750

### **Non-Discrimination Notice**

The Board of Education is prohibited from and hereby declares a policy against, engaging in unlawful discrimination, including harassment, creating a hostile environment, on the basis of race, color, religion, sex, national origin, ancestry, disability, or age in its programs and activities and provides equal access to Boy Scouts and other designated youth groups. To ensure that these obligations are met, the board designates the following individuals to act as the district's nondiscrimination laws compliance coordinators.

#### **Staff Related Inquiries including Title IX:**

Assistant Superintendent of Human Resources  
Blue Springs School District  
1801 NW Vesper  
Blue Springs, Missouri 64015  
(816) 874-3200  
Fax (816) 224-1764

#### **Student Related Inquiries including Title IX:**

Director of Community Services  
Blue Springs School District  
1801 NW Vesper  
Blue Springs, Missouri 64015  
(816) 874-3200  
Fax (816) 224-1764

#### **Student Disability Related Inquiries:**

Assistant Director of Special Education  
Blue Springs School District  
1801 NW Vesper  
Blue Springs, Missouri 64015  
(816) 874-3200  
Fax (816) 224-1764

#### **Facility Related Inquiries:**

Director of Buildings and Grounds  
Blue Springs School District  
1801 NW Vesper  
Blue Springs, Missouri 64015  
(816) 874-3200  
Fax (816) 224-1764

For a full statement of the nondiscrimination policy, please see Board Policy 5:18.

### **Grievance Procedures**

The Board has adopted policies and procedures in order to assist in the fair, prompt, and equitable resolution of a student, parent/legal guardian, or employee discrimination or harassment grievances. A grievance is a claim by a student, parent/legal guardian, or employee that a violation of Title VI (race, color or national origin), Title IX (sex), Section 504 (disability), Title II of the Americans with Disability Act (disabilities), the Age Discrimination Act of 1975, the Boy Scouts Act or their regulations, has occurred in the programs, activities or facilities of the District. Whenever a grievance occurs, every effort will be made to secure an appropriate resolution as early as possible. The grievance procedure involves four steps. At each step of the grievance process, the grievant shall be entitled to identify witnesses and present other relevant information. The District will take necessary steps to correct any conduct which has proven to be discriminatory or harassing and the effects caused by the conduct and to prevent recurrence.

For a full statement of the grievance policy, including timeliness for submitting a grievance, please see Board Policy 2.12

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# Graduation Requirements

Students should meet with a counselor to discuss Individual Career Academic Plans (ICAP).

## 4.0 ENGLISH LANGUAGE ARTS

- 1.0 English I, English Literature & Composition, English A, or English Fundamentals I
- 1.0 English II, World Literature & Composition, English B or English Fundamentals II
- 1.0 English III, AP Language & Comp, English C or English Fundamentals III
- 1.0 English IV, AP English Literature, Composition 110, English 200, English D, English Fundamentals IV or equivalent course

## 1.0 FINE ARTS

- 1.0 Refer to Fine Arts column in each curricular area

## 0.5 HEALTH

## 3.0 MATHEMATICS

- 1.0 Algebra I
- 1.0 Geometry
- 1.0 Refer to Mathematics column in each curricular area

## 0.5 PERSONAL FINANCE

- 0.5 Personal Finance or Dual Credit Personal Finance

## 1.0 PHYSICAL EDUCATION

- 1.0 Refer to Physical Education column in each curricular area

## 1.0 PRACTICAL ARTS

- 1.0 Refer to Practical Arts column in each curricular area

## 3.0 SCIENCE

- 1.0 Biology
- 1.0 Chemistry, Physics, or Foundations of Physics and Chemistry
- 1.0 Refer to Science column in each curricular area

## 3.0 SOCIAL STUDIES

- 1.0 American Government
- 1.0 World History
- 1.0 US History

## 7.0 ELECTIVES

## 24.0 TOTAL CREDITS

- American Civics Test: All graduates must take and pass an American Civics test produced by the United States Citizenship and Immigration Service.
- Attendance: According to Board of Education Policy 5.45, eight semesters of attendance are required of all students in the Blue Springs School District.
- CPR Requirement: All graduates shall be required to have completed 30 minutes of CPR training provided by 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.

# Acceptance of Outside Credits

## Definition:

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

Credits earned via a Blue Springs high school's summer school, a Blue Springs high school's electronic course(s), or MOCAP 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.

# 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 is a multiple-aptitude battery that measures development of academic skills. 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.

## **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 including English II, Biology, Algebra I, and Government.

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

All sophomores will have an opportunity to take a Pre-ACT test. This test will give students an ACT score that can be used as an indicator of college and career readiness.

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

The PSAT/NMSQT measures verbal mathematics reasoning skills important for academic success in college. It serves three purposes: gives the student writing 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 (TSA)/Industry Recognized Credentials (IRC)**

Technical Skills Attainment (TSA) measures a student's competency level on a skill assessment aligned with industry-recognized certifications (IRC). It is a requirement under The Perkins Act of 2006. Industry recognized credentialing tests are assessments that are subject specific nationally recognized certificates and/or licensure tests.

## **WorkKeys**

ACT WorkKeys assessments are research-based measures of foundation work skills required for success across industries and occupations.



# Athletic Eligibility

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

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 students must 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/MOCAP:** Students planning to participate in dual enrollment/MOCAP 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 the website: [www.mshsaa.org](http://www.mshsaa.org).

## **National Association of Intercollegiate Athletics (NAIA)**

Please go to the website: [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, Division II or Division III level, the NCAA Clearinghouse Eligibility Center 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 or visit NCAA Eligibility Center on the web.

Checklist for College-Bound Student-Athlete

- ✓ Register at the beginning of your sophomore year at the website <http://web3.ncaa.org/ecwr3>.
- ✓ Send your transcripts to the NCAA Eligibility Center at the end of your junior year.
- ✓ Take the ACT or SAT and use the code 9999 to have your official scores sent directly to the NCAA Eligibility Center.
- ✓ Check with your high school counselor to make sure you are on track to graduate on time with your class and have the required amount of core courses.
- ✓ Request final amateurism certification during your senior year (starting April 1).
- ✓ Ask your high school to submit your final transcript with proof of graduation.

## **CORE UNITS REQUIRED FOR NCAA CERTIFICATION**

(Families need to check the NCAA website for the most up to date information as there are additional requirements such as GPA, etc.)

<b>Core Units and Division</b>	Division I	Division II
	English Core	4 Years
Mathematics Core	3 Years (Algebra I or Higher)	2 Years
Science Core	2 Years	2 Years
Social Studies Core	2 Years	2 Years
From English, Math, or Science	1 Year	3 Years
Additional Core (English, Math, Science, Social Science, Foreign Language, Computer Science, Philosophy, Non-doctrinal Religion)	4 Years	4 Years
<b>TOTAL CORE UNITS REQUIRED</b>	<b>16</b>	<b>16</b>

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.ncaa.org](http://www.ncaa.org) and click on "Eligibility Center."

## **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 and click on "Eligibility Center."

# 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 8th 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.

## 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 an Individual Career and Academic Plan 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 Individual Career and Academic Plan (ICAP) organized around programs of study and their personal, career, and educational goals.
4. Individual Career and Academic Plan (ICAP): 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 ensure 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 ICAP. 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. For additional information, see [MissouriConnections.org](http://MissouriConnections.org).

## **Career Preparation – MissouriConnections.org**

# College Admission Requirements and Recommendations

Requirements for admission to college will depend on the college to which you are applying, and the kind of program you expect to pursue. For example, a student planning to enter one of the most highly competitive colleges in the country will need to meet more demanding entrance requirements than a student planning to enter a state school or a community college. Four-year colleges and universities will often have specific requirements in certain subject areas in addition to a certain level of GPA performance and college admission test scores.

The best approach to college planning is to strive to keep options open by taking a good distribution of academic coursework all four years of high school, with as much preparation in each area as possible. You should begin planning early for college so you will have the necessary requirements when it is time to apply to the college of your choice. Many colleges and universities are increasing admission requirements, especially in the area of core courses. Parents and students should check individual institutions for specific requirements and work closely with your school counselor and college/career specialist at your high school.

Blue Springs professional counselors, and college/career specialists recommend that college bound students, whenever appropriate, consider taking the following courses:

- Four (4) units of English
- Four (4) units of Mathematics - Algebra I and above
- Four (4) units of Science
- Four (4) units of Social Studies
- Four (4) units of a single Foreign Language (some colleges may require 2-3 units)
- One (1) unit of Fine Arts

Following these guidelines will help prepare the student for entrance requirements at the majority of colleges and universities throughout the country. These recommendations, particularly for students in competitive colleges or career fields, should be seen as minimum requirements. Some programs within those universities will have their own additional requirements. Conversely, some universities will not require all of the above. In all scenarios, students must also meet the Blue Springs R-IV School Districts requirements for graduation.

To serve as additional guidelines and as examples, the admission requirements for students planning to enter the University of Missouri system, as well as the requirements for students planning to enter other state colleges and universities, are shown.

# College Admission-Minimum Post High School Requirements

Freshman Entering University of Missouri (example)

College-bound students should consider a high school program which will prepare them for university work.

**4 credits English Language Arts**

**4 credits Math (Algebra I & higher)**

**1 credit Fine Arts**

**2 years of same foreign language**

**Refer to the table on the University of Missouri website using class rank & ACT score.**

**3 credits Social Studies**

**3 credits Science**

Community & Technical Colleges

Required: **High school Diploma, GED, or completion of a home school program**

Military Careers

Required: **High School Diploma**

Apprenticeships

Required: **High School Diploma or a GED and must be at least 18 years of age.**

# College/University Offering Dual Credit/ Dual Enrollment

CTC=Career Technology Center at Fort Osage

STA=Summit Tech Academy

<i>BSSD Course #</i>	<i>BSSD Course Name</i>	<i>BSSD Credit</i>	<i>University</i>	<i>University Course Name</i>	<i>Univ. Credit</i>
HS0842S1 HS0846S2	A Cappella Choir for Dual Credit	1	<b>MCC</b>	MUSI 101 Choir I MUSI 102 Choir II	1 1
HS1120	Advanced Child Care	0.5	<b>UCM</b>	CFD 1230 Observation of Children	2
HS1725H	Advanced Health Sciences 1 (CTC)	3	<b>MCC-BR</b>		2
HS1724H	Advanced Health Sciences 2 AM (CTC)	3	<b>MCC UCM</b>		2 4
HS1556	Aerospace 500	1	<b>UCM</b>	AVIA 1310 FAA Private Requirements	4
HS2003	Aircraft Propulsion Systems	0.5	<b>UCM</b>	AVIA 2310 Propulsion Systems	3
HS0286	American History 101 Core 42 Course	0.5	<b>UMKC</b>	HIST 101 US History to 1877	3
HS0287	American History 102 Core 42 Course	0.5	<b>UMKC</b>	HIST 102 US History Since 1877	3
HS6684H	Animal Science	1	<b>MSU</b>	AGS 101 Animal Science	4
HS1614 HS1616	Automotive Service Tech 1 (CTC)	4	<b>MCC</b>		10 4
HS1602 HS1603	Automotive Service Tech 2 (CTC)	3	<b>MCC</b>		6
HS0934	Business Principles	1	<b>UMKC</b>	BSAD 150 Intro to Business	3
HS0946	College Accounting	0.5	<b>MSU</b>	ACC 201 Introduction to Financing Accounting	3
HS0360	College Algebra Semester Core 42 Course	0.5	<b>UMKC</b>	MATH 110 College Algebra	3
HS0358S1 HS0359S2	College Algebra Year Long Core 42 Course	1	<b>UMKC</b>	MATH 110 College Algebra	3
HS0321H	College Calculus I	1	<b>UMKC</b>	MATH 210 College Calculus I	4
HS0964	College Entrepreneurship	1	<b>UMKC</b>	ENT 315 Introduction to Entrepreneurship	3
HS0520	College Forensics	1	<b>UCM</b>	THEA 1100 Oral Interpretation	3
HS0956	College Marketing	1	<b>MSU</b>	MKT 150 Marketing Fundamentals	3
HS0320H	College Pre-Calculus Core 42 Course	1	<b>UMKC</b>	MATH 120 College Pre-Calculus	5
HS0352	College Statistics Semester	0.5	<b>UMKC</b>	STAT 235 Elementary Statistics	3
HS0353S1 HS0353S2	College Statistics Year Long	1	<b>UMKC</b>	STAT 235 Elementary Statistics	3
HS0362	College Trigonometry	0.5	<b>UMKC</b>	MATH 125 Trigonometry	2
HS0502H	Communications I Core 42 Course	0.5	<b>UMKC</b>	COMM-ST 110 Fundamentals of Effective Speaking & Listening	3
HS6663H	Computer Animation AM	3	<b>UMKC</b>		3
HS1708 HS1709	CSI/Law Enforcement (CTC)	3	<b>UCM</b>		3
HS1155	Culinary Skills II/ PROSTART II	1	<b>MSU</b>	HSP 321 ProStart II - Principles of Food Prep	3

# College/University Offering Dual Credit/ Dual Enrollment

CTC=Career Technology Center at Fort Osage

STA=Summit Tech Academy

<b>BSSD Course #</b>	<b>BSSD Course Name</b>	<b>BSSD Credit</b>	<b>University</b>	<b>University Course Name</b>	<b>Univ. Credit</b>
HS0511	Debate II/College Speech	0.5	MSU	COM 115 Fundamentals of Public Speaking	3
HS0513	Debate III/College Debate	1	MSU	COM 120 Introduction to Debate	3
HS0515	Debate IV/Advanced Debate	1	MSU	COM 320 Principles of Advanced Debate	3
HS0455H	Dual Credit Anatomy & Physiology	1	Cleveland	BIOL 250 Anatomy & Physiology I with Lab	4
HS0429	Dual Credit Biology Core 42 Course	1	UMKC	BIO 102/102L Biology and Living	4
HS0451	Dual Credit Chemistry Core 42 Course	1	UMKC	CHM 211/211L Elements of Chemistry I	5
HS0422H	Dual Credit Genetics	0.5	Cleveland	BIOL 340 Genetics	3
HS1506H	Dual Credit Personal Finance	0.5	MSU	FIN 150 Personal Finance	3
HS0503H	Dual Credit Pre-Law	0.5	UMKC	A&S 115 Career Possibilities in Law A&S 215 Career Explorations in Law A&S 315 Career Methods in Law	1 1 1
HS0441H	Dual Credit Principles of Chemistry Core 42 Course*	1	MSU	CHM 116 Fundamentals of Chemistry and CHM 117 Lab <i>*Core 42 Course = 4 Credits</i>	5
HS0209H	Dual Credit World History	1	UMKC	HIST 208 World History II	3
HS0194	English 200 Core 42 Course	0.5	MSU	ENG 200 Great Books & Instant Classics	3
HS0196	English 210 Core 42 Course	0.5	MSU	ENG 210 Writing II: Writing Across the Disciplines	3
HS0186	English Composition 110 Core 42 Course	0.5	MSU UMKC	ENGLISH 110 Writing I ENGLISH 110 Intro to Academic Prose	3
HS1689 HS1690	Entrepreneurial Studies (CTC)	3	MCC-BR		15
HS0608	French III/UMKC French 110-120 Core 42 Course	1	UMKC	FRENCH 110 Elementary French I FRENCH 120 Elementary French II	3 3
HS0612	French IV/UMKC French 211-221	1	UMKC	FRENCH 211 Second Year French I FRENCH 221 Second Year French II	3 3
HS0651	German III/UMKC German 110-120	1	UMKC	GERMAN 110 Elementary German I GERMAN 120 Elementary German II	3 3
HS0654	German IV/UMKC German 211-221	1	UMKC	GERMAN 211 Second Year German I GERMAN 221 Second Year German II	3 3
HS1638 HS1640	Health Sciences (CTC)	3	MCC UCM		2 4
HS2002	History of Aviation	0.5	UCM	AVIA 1903 History of Aviation	2
HS1156	Hospitality & Tourism Management I	1.5	MSU	HSP 210 Introduction to Hospitality Leadership	3
HS1157	Hospitality & Tourism Management II	1.5	MSU	HSP 215 Introduction to Lodging Management	3



# College/University Offering Dual Credit/ Dual Enrollment

CTC=Career Technology Center at Fort Osage

STA=Summit Tech Academy

<i>BSSD Course #</i>	<i>BSSD Course Name</i>	<i>BSSD Credit</i>	<i>University</i>	<i>University Course Name</i>	<i>Univ. Credit</i>
HS1517H	Introduction to Teaching	0.5	<b>UMKC</b>	TCH-ED 160 Intro to Education	3
HS1514	Leadership	1	<b>Drury</b>	LDST 101 Leadership	3
HS0841S1 HS0845S2	Orchestra for Dual Credit	1	<b>MCC</b>	MUSI 105 Orchestra I MUSI 106 Orchestra II	1 1
HS1219H	Personal Health	0.5	<b>MSU</b>	KIN 257 Personal Health	2
HS8100H	Pharmacy Technician	2	<b>MCC</b>	BIOL 150 Medical Terminology	2
HS2000	Private Pilot Ground School	0.5	<b>UCM</b>	AVIA 1310 FAA Private Requirements	4
HS8003H	School-Based Enterprise	1	<b>MSU UMKC</b>	Dual credit course is student specific	3
HS1716H AM HS1717H PM	Software Development I & II (STA)	3	<b>MCC</b>	CSIS 123 Programming Fundamentals	3
				CSIS 222 Object-Oriented Programming with Java	3
				CSIS 223 Object-Oriented Programming	3
HS0840S1 HS0843S2	Symphonic Wind Band for Dual Credit	1	<b>MCC</b>	MUSI 103 Concert Band I MUSI 104 Concert Band II	1 1
HS2001	Unmanned Aircraft Systems	0.5	<b>UCM</b>	AVIA 1211 UAS Regulations and Applications	1
				AVIA 1212 sUAS Operations	1
				AVIA 1213 sUAS Maint. & Components	1
HS1671H	Welding Technology (CTC)	3	<b>MCC</b>		12

## CORE 42

CORE 42 is a statewide general education course of study intended to ensure that all graduates possess a common core of college-level skills and knowledge. CORE 42 specifies the basic competencies and knowledge areas that all students completing degrees at a Missouri public institution of higher education must complete. CORE 42 is comprised of dozens of courses distributed across five knowledge areas. These courses are designated with a Missouri Transfer (MOTR) course number, which guarantees the one-to-one transfer of these courses among all Missouri public institutions of higher education.

Chart is most current as of 12/2020. Check website for updates: <https://journeytocollege.mo.gov/finish/transfer-credit/core-42>.

# 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 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.

# Courses for College Credit

<b>Advanced Placement (AP)</b>			
College Board allows high school students access to college-level curriculum and may grant placement and course credit to students who obtain high scores on the AP test.			
<b>Courses Offered</b>	AP American Government AP Biology AP Calculus BC AP Chemistry AP Computer Science Principles AP Computer Science A	AP English Language & Composition AP English Literature & Composition AP Environmental Science AP European History AP Music Theory AP Physics I	AP Physics C: Mechanics AP Psychology AP Research AP Seminar AP Spanish AP United States History
<b>Fees</b>	\$95 per test (subject to change) A fee reduction is available for students who qualify based on family income.		
<b>Honor Point</b>	Given for each passing semester		
<b>Test</b>	Advanced Placement examination is given in May on the National test date.		
<b>Prerequisites</b>	If you do not currently meet the AP prerequisites and desire to make the commitment to participate in the AP class, please see your counselor.		
<b>Recommendations</b>	Before taking AP courses, contact the college the student plans to attend concerning the status of AP courses at that school.		
<b>Additional Information</b>	<a href="http://www.collegeboard.com">www.collegeboard.com</a> 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. Please see counselor.		

<b>Articulated Credit</b>	
Students earn college credit after completing a state-approved occupational program or course that addresses the same competencies as its “articulated” college program or course.	
<b>Courses Offered</b>	CTC (see course descriptions) and Aviation Institute of Maintenance (see page 41)
<b>Honor Point</b>	None Given
<b>Requirement</b>	Student must demonstrate 80% mastery upon completion of the course or program to earn credit.
<b>Prerequisite</b>	No GPA or test score required
<b>Additional Information for Metropolitan Community Colleges</b>	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. 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.”

**Dual Credit**

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.

<b>Courses Offered</b>	A Cappella Choir for Dual Credit Advanced Child Care Aerospace Science 500 American History 101 American History 102 Animal Science Biomedical Innovation Business Principles College Accounting College Algebra (Semester) College Algebra (Year Long) College Calculus I College Entrepreneurship College Forensics College Marketing College Pre-Calculus College Statistics (Semester) College Statistics (Year Long)	College Trigonometry Communications I Culinary Skills II/Prostart II Debate II/College Speech Debate III/College Debate Debate IV/Advanced Debate Dual Credit Anatomy & Physiology Dual Credit Biology Dual Credit Chemistry Dual Credit Principles of Chemistry Dual Credit Personal Finance Dual Credit Pre-Law Dual Credit World History English 200 English 210 English Composition 110	French III/UMKC 110-120 French IV/UMKC 211-221 German III/UMKC German 110-120 German IV/UMKC German 211-221 Hospitality & Tourism Mgmt I Hospitality & Tourism Mgmt II Human Body Systems Introduction to Teaching Leadership Medical Interventions Orchestra for Dual Credit Personal Health Principles of Biomedical Sciences School-Based Enterprise Symphonic Wind Band for Dual Credit <i>Various Career Technical Programs at CTC and Summit Tech (see course descriptions)</i>
<b>Fees</b>	Course fees are determined by the agreement between the school district and the college/university. These are subject to change.		
<b>Honor Point</b>	Determined by agreement between the school district and the college/university. Given for each passing semester or passing of entire course.		
<b>Prerequisites</b>	An overall GPA required will depend on the individual college offering the dual credit. In addition, a specific ACT score may be required on another entrance test score.		
<b>Recommendations</b>	Check with the college or university they are planning on attending regarding transferability.		
<b>Additional Information</b>	<p><b><u>Withdrawal Requirements</u></b></p> <p>All High School College Program (HSCP) classes are for college credit and have an associated cost of attending. It is the student's responsibility to formally notify the HSCP Office of their intention to withdraw from any college credit class. The student must follow proper procedures when withdrawing from the University. Failure to pay fees, failure to receive financial aid, failure to attend class or refusing financial aid does not constitute an official withdrawal.</p> <p><b><u>Financial Holds</u></b></p> <p>Any student who owes a balance to the University of Missouri-Kansas City (UMKC) or University of Central Missouri (UCM) will be unable to receive a copy of a transcript or diploma until that balance is paid in full and will have a financial hold assigned to prevent a transcript/diploma from being issued. If payment is not received by the due date communicated on your monthly billing statement, an additional financial hold will be assigned and may prevent enrollment in the current or future semesters. Students may contact the UMKC or UCM Cashiers &amp; Collections Office for instructions on how to remove holds or request extended payment terms.</p>		

<b>Dual Enrollment</b> Classes taught by college/university professors awarded both high school and college credit if class is passed.	
Courses Offered	Air Propulsion Systems Dual Credit Genetics History of Aviation Pharmacy Tech Private Pilot Ground School Unmanned Aircraft Systems
Fees	Course fees are determined by the agreement between the college/university and the school. These are subject to change.
Honor Point	Determined by agreement between the school district and the college/university. Given for each passing semester or passing of entire course.
Recommendations	Check with the college or university they are planning on attending regarding transferability.
Additional Information	See college/university dual credit information.

## Drop/Withdrawal

It is the practice of the high schools to apply a deadline to drop or withdrawal from a course. Courses dropped after the first 6-weeks of the semester will have an “F” noted on the transcript as a result of not completing the course. Please speak to your student’s counselor for more details.

Dual Credit Courses – Please note that students taking a dual credit course through one of our cooperative post-secondary institutions must follow that institution’s drop/withdrawal policy to avoid fees or other repercussions. The district is bound to the dates set by the university.

## Early College Academy

**EARLY COLLEGE ACADEMY** is a program at MCC-Blue River that allows students to earn an Associate in Arts degree as they earn a high school diploma. Most classes (such as advanced placement and dual credit) are taken at the student's high school, but MCC summer classes, evening classes, or online classes are other options for students to accumulate college credit. To earn the A.A. degree residency requirements must be met. Please check with MCC Blue River Admission (BR.Admissions@mckkc.edu) for further information on residency requirements.

To Apply for the MCC-Blue River Early College Academy, students must:

- Have a 3.0 GPA
- Complete an MCC-Blue River Early College Academy application
- Provide a copy of ACT scores (must have a minimum composite score of 18, but the ACT scores in each subject will determine college placement)
  - ✓ If a student has NOT taken the ACT, he/she must take the ACCUPLACER placement test to determine college-level course placement
- Recommendations from high school faculty, a counselor, or a principal
- Write an essay (specific details will be provided in the application packet)

All completed application materials must be submitted by February 1st for the upcoming fall semester. A selection committee will review all applications and contact each applicant to inform them of their acceptance or denial.

## Early Release - Class of 2021 Waiver of 8th 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, they 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 an Individual Career and Academic Plan (ICAP). 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 Principles 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/guardians 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/guardians should consult with the A+ Coordinator in their building.
- All students must have taken the required End-Of-Course Assessments (English II, Biology, Government, and Algebra I).
- All students must have taken the appropriate college/career planning assessment (WorkKeys, ASVAB, ACT, or SAT).

# Grade Placement & 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:

Freshman: 0-5½ Units of Credit

Sophomore: 6-10½ Units of Credit

Junior: 11-16½ Units of Credit

Senior: 17 Units of Credit and Over

## 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 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 Missouri community college or vocational school.

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

- Be a U.S. citizen or permanent resident
- Complete and sign an A+ School Agreement and it must be turned into 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, or higher level DESE approved EOC in the field of mathematics. Students may also establish eligibility with a qualifying score on the math component of the ACT
- 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. Tutoring must have prior approval from the A+ Coordinator.
- 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 nor will participating in the A+ program restrict a student's choice of college.

## 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.

## Home School

When enrolling or re-enrolling students that have been home schooled, review the following information (as per 167.031 RSMo).

- a. A plan book, diary, daily log, or written record indicating the subjects taught and the activities engaged in with the student; and
- b. A portfolio containing samples of the student's academic work; and
- c. A record of evaluation of the student's work; or
- d. Other written, or credible evidence equivalent to subparagraphs a, b, and c above.

If the parents have the above information we will award credit based on their documentation.

In grades 9-12, students with partial documentation or no documentation will not be awarded credit. Under certain circumstances, students with partial documentation may complete a competency test for each course to determine if credit will be awarded. Any student with partial documentation will need to go through the Office of Curriculum and Instruction to determine placement.



# Imagine Academy

Microsoft Imagine Academy was developed to teach students the IT skills they will need for college and careers in today's technology-centered job market. Students will have the opportunity to gain Microsoft Certifications as they complete curriculum. Microsoft Certifications are the IT industry's most respected endorsement. Certification helps students stand out from their peers and prepares them for rewarding careers in today's cloud computing workplace. Microsoft Certifications validate a broad set of skills on the latest Microsoft technologies. Areas of study include Computer Science, Data Science, Productivity, and IT Infrastructure tools and software. Students can complete a wide range of specific curriculum in each area of study to work towards becoming a certified Microsoft Office Specialist (MOS), Microsoft Technology Associate (MTA), Microsoft Certified Solutions Associate (MCSA), Microsoft Certified Solutions Developer (MCSD), or Microsoft Certified Solutions Expert (MCSE). Some specific coursework students can independently choose include database fundamentals, Windows 10, servers, Linux on Azure, cloud platforms and infrastructure, networking, security, app building, web applications, HTML5, Python, JavaScript, and Office products. Students work on curriculum on their own pace according to their area of interest. It is recommended students have completed prior coursework in computer science or computer applications prior to enrolling in the Imagine Academy since the coursework is similar to an independent study. See your student's counselor for more information.

## 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 and 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.

## KU – Degree in 3

The University of Kansas Edwards Campus allows you to earn college credits in high school, complete an associate degree one year after graduating and finish your bachelor's degree two years later. Programs of study include:

Exercise Science Pathway  
Molecular Biology Pathways  
Biotechnology Studies

For more information, go to the website:

<https://edwardscampus.ku.edu/programs/degreein3>. Email Amy Sellers at [amyeb@ku.edu](mailto:amyeb@ku.edu) with questions about the program.

# Planning and Policies

Students use this Career & Educational Planning Guide to carefully create an Individual Career and Academic Plan (ICAP) that will assist them in reaching their educational and occupational goals. Each student should:

- Review all requirements for graduation
- Read the information on career paths
- Read all information given about each course
- Complete an ICAP

## 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.

## Summer School

Summer school courses are offered for remediation and enrichment. Courses taken during the summer are computed in the student's GPA. Per Board Policy 5.43, a 9<sup>th</sup> grade student may earn high school credit during the summer between their 8<sup>th</sup> and 9<sup>th</sup> grade school years. Students who do not fulfill the attendance requirements set by the state of Missouri will not receive credit. Summer School courses are contingent upon enrollment. Summer School locations vary by year. **Courses taken prior to the 9<sup>th</sup> grade year and/or in summer school during subsequent years may negatively impact a student's GPA.**

# Supportive Services

In accordance with the Individuals with Disabilities Education Act (IDEA), the Blue Springs School District provides a continuum of special education and related services for eligible students. Students are determined eligible under IDEA disability categories as listed below:

IDEA Disability Categories		
Autism Deaf/Blindness Emotional Disturbance Hearing Impairment and Deafness 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 documented in the student’s Individualized Education Program (IEP). Course enrollment may be dependent upon the student’s special education service needs.

To determine potential implications for eligibility in high school or college competitive interscholastic athletics/activities, refer to the Missouri State High School Activities Association (MSHSAA), the NCAA Clearinghouse, and/or the school counselor and athletic director.

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.

Special Education services can be provided in a variety of ways. Services depend upon individual student needs identified through the IEP process.

## **Special Education Services in a General Education Setting**

### Co-Teaching

Co-teaching courses includes two teachers in the general education setting--a content area teacher and a special education teacher. Special education services are provided by the special education teacher. Co-teaching is not offered in all content areas, grade levels, or classrooms.

### Work Experience

Work experience courses provide students with job skills training in a school building or at a community job site. Work experience courses are elective credits for graduation. These are special education courses taught by special education staff where the setting is considered general education.

## **Special Education Services in a Special Education Setting**

### Career Courses

These courses focus upon developing skills needed to support students’ postsecondary goals. An emphasis will be placed on understanding the IEP process, high school expectations to post-secondary school/career expectations, self-determination, and career exploration. These courses are taught by special education staff and designed

to provide specialized instruction on appropriate IEP goals as outlined in each student's IEP.

### Content Courses

These courses utilize direct instruction by a special education teacher in content areas. These courses utilize regular content standards, in whole or in part. In addition, courses are tailored to IEP goals and instructional needs of students.

### Fundamentals Courses

These courses utilize direct instruction by a special education staff in content and/or elective areas. Fundamentals content courses are based upon alternate achievement standards. Elective content is based upon regular and alternate achievement standards in whole or in part. In addition, courses are tailored to IEP goals and instructional needs of students.

### Goal Instruction Services

Goal instruction is direct instruction by a special education staff teacher on IEP goals of students. Goal instruction is not a course but a service. Goal instruction occurs during a portion of a class and does not involve credits.

Please contact your student's special education case manager, counselor, or special education process coordinator with questions regarding enrollment, courses, and special education services.

## 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, successfully complete all specific Blue Springs graduation requirements, and be enrolled and receive at least three credits from a Blue Springs high school.

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).

## Tuition Rates Per Credit Hour 2020-21

College/University Offering Dual Credit	Cost Per Credit Hour if Taken on Campus*	High School Dual Credit Pricing
Cleveland University	\$401.50	\$200 per Course Regardless of # of Credit Hours Per Course
Drury University	\$569.79	\$70.00 per Credit Hour Seated \$90.00 per Credit Hour Online
Metropolitan Community College	\$107.00	\$53.50 per Credit Hour

Missouri State University	\$214.00	\$70.00 per Credit Hour
University of Central Missouri	\$235.00	\$87.50 per Credit Hour
University of Missouri-Kansas City	\$353.31	\$98.27 per Credit Hour

\* Prices subject to change

# Weighted Courses with an Honor Point

The regular (unweighted) Grade Point Average (GPA) is measured on a scale of 0 to 4. Weighted GPA's take into account course difficulty and are measured on a scale of 0 to 5.

<b>Grade and Weight</b>		
Grade	Non-Weighted	Weighted
A	4	5
B	3	4
C	2	3
D	1	2
F	0	0

<b>COURSES RECEIVING WEIGHTED CREDIT</b>		
<p><b>Aviation</b> Aircraft Propulsion Systems History of Aviation Private Pilot Ground School Unmanned Aircraft Systems</p> <p><b>Agriculture</b> Animal Science</p> <p><b>Biomedical</b> Biomedical Innovation Medical Interventions</p> <p><b>Business, Marketing, &amp; Technology</b> Business Principles College Accounting College Entrepreneurship College Marketing Dual Credit Personal Finance School-Based Enterprise</p> <p><b>Computer Science</b> AP Computer Science A AP Computer Science Principles</p> <p><b>Engineering</b> Civil Engineering &amp; Architecture Digital Electronics Engineering Design &amp; Development</p> <p><b>English Language Arts</b> AP English Lang and Comp AP English Lit &amp; Comp English 200 English 210 English Composition 110</p>	<p><b>Family &amp; Consumer Science</b> Advanced Child Care Culinary Skills II/ProStart II Hospitality &amp; Tourism Mgmt I Hospitality &amp; Tourism Mgmt II</p> <p><b>Foreign Language</b> AP Spanish French III French IV German III German IV Pre-AP Spanish</p> <p><b>Math</b> AP Calculus BC College Algebra (Semester) College Algebra (Year Long) College Calculus I College Pre-Calculus College Statistics (Semester) College Statistics (Year Long) College Trigonometry</p> <p><b>Music</b> A Cappella Choir for Dual Credit AP Music Theory Orchestra for Dual Credit Symphonic Wind Band for Dual Credit</p> <p><b>Other Non-Departmental</b> AP Research AP Seminar Leadership Introduction to Teaching</p> <p><b>Physical Education/Health</b> Personal Health</p>	<p><b>ROTC</b> Aerospace Science 500</p> <p><b>Science</b> AP Biology AP Chemistry AP Environmental Science AP Physics C: Mechanics AP Physics I Dual Credit Anatomy &amp; Physiology Dual Credit Biology Dual Credit Chemistry Dual Credit Principles of Chemistry Dual Credit Genetics Pharmacy Technician Pre-AP Biology Pre-AP Chemistry</p> <p><b>Social Studies</b> American History 101 American History 102 AP Psychology AP American Government AP European History AP US History Dual Credit World History</p> <p><b>Speech/Debate/Drama</b> College Forensics Communications I Debate II/College Speech Debate III/College Debate Debate IV/Advanced Debate Dual Credit Pre-Law</p>

# CURRICULAR KEY

## **Credit Types:**

If more than one credit type is marked, please read course description to determine if there are requirements that need to be met.

## **Dual Credit/Enrollment & AP Courses:**

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

## **Fees:**

All fees listed in this course book are subject to change. College credit fees are based on 2020-21 costs per credit hour.

## **Flowcharts:**

The flowcharts simply show the first year the class is offered; it doesn't necessarily need to go in that order.

## **MOTransfer:**

Core 42 Missouri Transfer Guaranteed Course Number

## **Sort Order:**

Courses are sorted by grade level offered and then alphabetically.

# 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 of a year-long course. **FINAL COURSE OFFERINGS ARE DEPENDENT ON ENROLLMENT AND STAFF.**

# Agriculture

HS6675

## Agriculture Science I

*Credit Type: Practice Art/Elective*  
*One Credit*  
*For Students in Grades 9, 10 and 11*

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.

## Agriculture Science II

*Credit Type: Practice Art/Elective*  
*Prerequisite: Agriculture Science I or Teacher Approval*  
*One Credit*  
*For Students in Grades 10 and 11*

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.

HS6683

## Animal Husbandry/Animal Care Assistant

*Credit Type: Practice Art/Elective*  
*Prerequisite: Agriculture Science II*  
*.5 Credit*  
*For Students in Grades 11 and 12*

Students will be introduced to: principles of handling, housing and management of animals; basic dietary and sanitation requirements; restraining and handling; administering of medication, bathing, skin scraping, and basic laboratory tests. 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, and receptionist. This course places emphasis on animal psychology including main body systems and basic method of anesthesia and general animal care. Work-based learning strategies appropriate for this course are agri-science projects, internships, and supervised agricultural experiences. Supervised agricultural experience programs and FFA leadership activities are integral components of this course and provide many opportunities for practical application of instructional competencies.

## Horticulture/Landscape Maintenance & Design

HS6677

*Credit Type: Practice Art/Elective*  
*Prerequisite: Agriculture Science II*  
*.5 Credit*  
*For Students in Grades 11 and 12*

Students gain a working knowledge of how plants grow and identification, installation, and maintenance of trees, shrubs, bedding plants and ground covers. Students are exposed to many areas of plant propagations, greenhouse management, vegetable and fruit growing. Students will create major landscape designs suitable for their landscape portfolio and will receive hands-on experience in agri-science projects, internships, and supervised agricultural experiences. Supervised agricultural experience



programs and FFA leadership activities are integral components of this course and provide many opportunities for practical application of instructional competencies.

HS6684H

## Animal Science

*Credit Type:* Elective/3<sup>rd</sup> Science Credit  
*Dual Credit:* 4 College Hours – Missouri State University (MSU): AGS 101: Animal Science  
*Fees:* If taking for dual credit, ~\$280 Will be Billed/Paid Through the Cooperating College Business Office  
*Prerequisite:* Agriculture Science II  
*Honor Point*

Animal Science is a foundation-level course designed to engage students in hands-on laboratories and activities to explore the world of animal agriculture. Throughout the course, students will develop a comprehensive Producer's Management Guide for an animal of their choice. Student's experiences will include the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. For example, students will acquire skills in meeting the nutritional needs of animals while developing balanced, economical rations. Throughout the course, students will consider the perceptions and preferences of individuals within local, regional, and world markets. Work-based learning strategies appropriate for this course includes area agri-science projects, internships, and supervised agricultural experiences. Supervised agricultural experience programs and FFA leadership activities are integral components of this course and provide many opportunities for practical application of instructional competencies. One (1) honor point will be earned for each semester successfully completed. Four (4) college hours of dual credit available through MSU if college's criteria are met.

## Art

HS0706

### Design Fundamentals

*Credit Type:* Fine Art  
*Grades 9, 10, 11, and 12*  
*.5 Credit*

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. This class is a prerequisite for all art classes except Art History and Introduction to Fine Arts.

HS0752

### Drawing I

*Credit Type:* Fine Art  
*Prerequisite:* Design Fundamentals  
*Grades 9, 10, 11, and 12*  
*.5 Credit*

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.

HS0760

### Introduction to Fine Arts

*Credit Type:* Fine Art  
*Grades 9, 10, 11, and 12*  
*.5 Credit*

Students will survey the Principles and Elements of Visual Art, Theatre, and Vocal Music. This course will be comprised of three 6-week rotations between the Fine Arts disciplines. Students will understand the building blocks of each discipline and how they relate to one another.

HS0758

## 3D Design

*Credit Type: Fine Art*

*Fees: Supply Cost \$15 - \$30*

*Prerequisite: Design Fundamentals*

*Grades 10, 11, and 12*

*.5 credit*

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.

HS0751

## Art History

*Credit Type: Fine Art*

*Grades 10, 11, and 12*

*.5 credit*

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.

HS0759

## Ceramics I

*Credit Type: Fine Art*

*Fees: Supply Cost \$30 - \$50*

*Prerequisite: Design Fundamentals and Additional Studio Art Class with C+ Grade or Higher*

*Grades 10, 11, and 12*

*.5 credit*

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.

HS0780

## Ceramics II

*Credit Type: Fine Art*

*Fees: Supply Cost \$30 - \$50*

*Prerequisite: Ceramics I with C+ Grade or Higher*

*Grades 10, 11, and 12*

*.5 credit*

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.

HS0753

## Drawing II

*Credit Type: Fine Art*

*Prerequisite: Drawing I with C+ Grade or Higher*

Grades 10, 11, and 12

.5 credit

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.

HS0754

## Painting I

*Credit Type: Fine Art*

*Prerequisite: Design Fundamentals, Drawing I with C+ Grade or Higher*

*Recommended: Drawing II or currently enrolled in Drawing II*

Grades 10, 11, and 12

.5 credit

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.

HS0755

## Painting II

*Credit Type: Fine Art*

*Fees: Supply Cost \$30 - \$50*

*Prerequisite: Painting I with C+ Grade or Higher*

Grades 10, 11, and 12

.5 credit

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.

HS0756

## Photography I

*Credit Type: Fine Art*

*Fees: Supply Cost \$50 - \$75 (Not Including Camera)*

*Prerequisite: Design Fundamentals and 1 Additional Studio Art Class with C+ Grade or Higher*

Grades 10, 11, and 12

.5 credit

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.

HS0757

## Photography II

*Credit Type: Fine Art*

*Fees: Supply Cost \$50 - \$75 (Not Including Camera)*

*Prerequisite: Photography I with C+ Grade or Higher*

Grades 10, 11, and 12

.5 credit

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.

HS0782

## **Portfolio I & Special Projects**

*Credit Type: Fine Art*

*Fees: Supply Cost \$30 - \$50*

*Prerequisite: Design Fundamentals, 3 Studio Art Classes with C+ Grade or Higher and Teacher Recommendation*

*Grades 11 and 12*

*.5 credit*

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) and supplies.

HS0783

## **Portfolio II**

*Credit Type: Fine Art*

*Fees: Supply Cost \$30 - \$50*

*Prerequisite: Design Fundamentals, 3 Studio Art Classes with C+ Grade or Higher and Teacher Recommendation*

*Grades 11 and 12*

*.5 credit*

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) and supplies. relate to one another.

# Aviation

## **Partner – University of Central Missouri (UCM)**

Several Eastern Jackson County school districts have partnered with the University of Central Missouri (UCM) to provide college Aviation classes at the Blue Springs Freshman Campus, located at 2103 NW Vesper, Blue Springs.

These dual enrollment classes are taken for both college and high school credit and are taught by a UCM Professor. **Students must meet UCM criteria for this college class and must pay the college credit fees the first week of school.** Students must be in the 12th grade with an overall minimum GPA of 3.0 (on a 4.0 scale). Students with an overall GPA of 2.5-2.99 (on a 4.0 scale) must provide a signed letter of recommendation from their principal and provide written permission from a parent or legal guardian.

## **Partner – Aviation Institute of Maintenance (AIM)**

The Blue Springs School District has partnered with the Aviation Institute of Maintenance (AIM) located at 4100 Raytown Road, Kansas City, MO 64129. These articulated classes are taken for both college and high school credit and are taught by an Aviation Institute of Maintenance Instructor. Students must be in the 12<sup>th</sup> grade with an overall minimum GPA of 2.2 (on a 4.0 scale). Aviation Institute of Maintenance (AIM) Program is designed to help students complete FAA General Aviation courses. The students will take the year-long course as a senior. The students will receive 19 articulated credit hours if criteria are met.

## **Aeronautics (AVIA 1020)**

*Credit Type: Practical Art/Elective*

*Dual Enrollment: 2 College Hours – University of Central Missouri (UCM): AVIA 1020 Aeronautics*

*Fees: ~\$175.00 Will be Billed/Paid Through the Cooperating College Business Office*

*Location: Blue Springs Freshman Campus*

*Prerequisite: UCM Requirements*

*Grade 12*

*.5 Credit Hour*

This class meets Tuesday/Thursday and must be taken concurrently with Private Pilot Ground School. An overview of aviation and aerospace related industries. Consideration is given to the development of aviation and resulting social and economic factors, theory of flight, problems of weather and navigation, occupational opportunities, and governmental interest, promotion and regulation. One (1) honor point will be earned for successful completion of this blocked class. Two (2) hours of dual enrollment available through UCM if college's criteria are met.

## **Aircraft Propulsion Systems (AVIA 2310)**

*Credit Type: Practical Art/Elective*

*Dual Enrollment: 3 College Hours – University of Central Missouri (UCM): AVIA 2310 Propulsion Systems*

*Fees: ~\$263 Will be Billed/Paid Through the Cooperating College Business Office*

*Location: Blue Springs Freshman Campus*

*Prerequisite: UCM Requirements*

*Grade 12*

*.5 Credit Hour*

This class meets Tuesday/Thursday and must be taken concurrently with Unmanned Aircraft Systems. Operation and theory of aircraft propellers and both reciprocating and gas turbine engines. Laboratory activity includes testing and troubleshooting major functional components and systems. One (1) honor point will be earned for successful completion of this blocked class. Three (3) hours of dual enrollment available through UCM if college's criteria are met.

## **Private Pilot Ground School (AVIA 1310)**

*Credit Type: Practical Art/Elective*

*Dual Enrollment: 2 College Hours – University of Central Missouri (UCM): AVIA 1310 FAA Private Requirements*

*Fees: ~\$350 Will be Billed/Paid Through the Cooperating College Business Office,*

*Pilot Supplies, Ground School Materials*

*Location: Blue Springs Freshman Campus*

*Prerequisite: UCM Requirements*

*Grade 12*

*.5 Credit Hour*

This class meets Monday/Wednesday/Friday and must be taken concurrently with Aeronautics. Basic ground school in support of flight training to prepare for the FAA examination for Private Pilot Certificate. One (1) honor point will be earned for successful completion of this blocked class. Two (2) hours of dual credit available through UCM if college's criteria are met.

## Unmanned Aircraft Systems

*Credit Type: Practical Art/Elective*

*Dual Enrollment: 3 College Hours – University of Central Missouri (UCM): AVIA 1211 UAS Regulations and Applications, AVIA 1212 sUAS Operations, AVIA 1213 sUAS Maintenance and Components*

*Fees: ~\$263 Will be Billed/Paid Through the Cooperating College Business Office*

*Location: Blue Springs Freshman Campus*

*Prerequisite: UCM Requirements*

*Grade 12*

*.5 Credit Hour*

This class meets Monday/Wednesday/Friday and must be taken concurrently with Aircraft Propulsion Systems. Class consists of three courses, one college credit hour each:

- AVIA 1211 UAS Regulations and Applications
- AVIA 1212 sUAS Operations
- AVIA 1213 sUAS Maintenance and Components

This 3-part course will incorporate Regulations, Applications, Operations, Maintenance and Components of unmanned aircraft (drones). One (1) honor point will be earned for successful completion of this blocked class. Three (3) hours of dual credit available through UCM if college's criteria are met.

HS2004H

## Aviation Institute of Maintenance

*Credit Type: Practical Art/Elective*

*Articulated: 18.5 Credits through Aviation Institute of Maintenance (AIM)*

*Location: Aviation Institute of Maintenance*

*Prerequisite: 12<sup>th</sup> Grade and Overall GPA of 2.2 or higher*

*Grade 12*

*3 Credit Hours*

The courses taught within the program include:

### **Aviation General Science I : Mathematics and General Physics, 5.0 Credits**

An introduction to aircraft types, nomenclature and basic aerodynamics. This course addresses algebraic operations, fractions, exponents, roots, and geometric analysis as applicable to aircraft design, power plant operations, and aeronautical physics. Basic principles of physics for mechanics such as simple machines, heat dynamics, fluid and gas laws, work and / power, and air pressure are covered. The basic principles of aircraft weight and balance are presented along with the process required to locate weight and balance information safely weighs an aircraft and compute the center of gravity in various configurations.

### **Aviation General Science II: Tools, Surfaces, and Corrosion Control, 4.5 Credits**

A study into the charts, diagrams and text, which show the area dimensions, stations, access doors, zoning and physical locations of the major structural members of the aircraft. This course includes an explanation on the system of zoning and measurements used. An introduction to the tools, hardware and materials used in aircraft maintenance and repair, to include proper handling and inspection thereof and practical application of the various types of nondestructive testing of metals are covered. A study of various types of corrosion cause and corrective measures used to control corrosion of different types of metals in aircraft construction is completed.

### **Aviation General Science III: Maintenance Forms and Records, 4.5 Credits**

The student is introduced to the use of technical literature, FAA publications, forms and records, micro fiche, and Federal Aviation Regulations regarding maintenance personnel. This course provides an introduction to the types of rigid and flexible lines and fittings used to convey fluids in aircraft systems, their installation, inspection and maintenance. This also includes a presentation illustrating aircraft services procedures; ground handling of aircraft and safety procedures. An introduction to the types of powerplants used on aircraft, the nomenclature associated with these powerplants, their major components and operating cycles will be covered. Reciprocating, turbine and inducted fan type engines will be discussed.

### **Aviation General Science IV: Basic Electricity, 4.5 Credits**

This course offers an introduction to electrical theory and operation. Students learn to calculate and measure voltage, current, and resistance; build and analyze simple circuits, and use electrical schematics. It also includes instruction in Alternating Current Electricity, its theory, operation, associated components as well as basic electronics theory and solid-state devices.

## Biomedical (PLTW)

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 the website [www.pltw.org](http://www.pltw.org) regarding Project Lead the Way.

Students may receive undergraduate credit from the Missouri University of Science and Technology (MS&T) for successfully completing any of the PLTW Biomedical Sciences courses. Students must have taken the course from a PLTW school and received an A or B in the class. In addition, they must score a 6 or better on the national EOC exam. Credit will be awarded for the first-year biology electives in the MS&T curriculum. Each course is three (3) college credits. Courses listed for credit on transcript will be by PLTW course titles.

HS6695H

### Principles of Biomedical Sciences

*Credit Type: Practical Art/Elective*

*Dual Credit: 3 College Hours – Missouri University of Science & Technology (MS&T): BIO SCI 1943: Introduction to Human Anatomy & Physiology I*

*Fees: If taking for dual credit, ~\$250 Will be Billed/Paid Through the Cooperating College Business Office*

*Recommended: Membership & Participation in HOSA*

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. One (1) honor point will be earned for each semester successfully completed. Three (3) college hours of dual credit available through MS&T if college's criteria are met.

HS6696H

### Human Body System

*Credit Type: Practical Art/Elective/Health*

*Dual Credit: 3 College Hours – Missouri University of Science & Technology (MS&T): BIO SCI 1953: Introduction to Human Anatomy & Physiology II*

*Fees: If taking for dual credit, ~\$250 Will be Billed/Paid Through the Cooperating College Business Office*

*Prerequisite: Principles of Biomedical Sciences*

*Recommended: Membership & Participation in HOSA*

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. One (1) honor point will be earned for each semester successfully completed. Three (3) college hours of dual credit available through MS&T if college's criteria are met.



\*This course is closely aligned with the Missouri Health Standards, but not taught by a health teacher. A student may take a competency-based assessment at the end of the course. If he/she passes the assessment earning an 80% or higher, and a passing grade each semester, this class may fulfill their health requirement and will be noted on the student's transcript.

HS6697H

## Medical Interventions

*Credit Type: Science-Elective*

*Dual Credit: 3 College Hours – Missouri University of Science & Technology (MS&T): BIO SCI 1993: Introduction to Biomedical Problems*

*Fees: If taking for dual credit, ~\$250 Will be Billed/Paid Through the Cooperating College Business Office*

*Prerequisite: Human Body Systems*

*Recommended: Membership & Participation in HOSA*

Students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. Students explore how to prevent and fight infection; how to screen and evaluate the code in human DNA; and how to prevent, diagnose and treat cancer; and how to prevail when the organs of the body begin to fail. Scenarios expose students to a wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices and diagnostics. Each family 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. The 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 along with scientific thinking and engineering design as they play a role in the development of intervention of the future. Soft skills that future healthcare workers need are emphasized. Membership and participation in HOSA, a student organization promoting careers in health sciences area, is strongly encouraged. One (1) honor point will be earned for each semester successfully completed. Three (3) college hours of dual credit available through MS&T if college's criteria are met.

HS6698H

## Biomedical Innovation (PLTW)

*Credit Type: Science-Elective*

*Dual Credit: 3 College Hours – Missouri University of Science & Technology (MS&T): BIO SCI 1983: Introduction to Biological Design & Innovation*

*Fees: If taking for dual credit, ~\$250 Will be Billed/Paid Through the Cooperating College Business Office*

*Prerequisite: Medical Interventions*

*Recommended: Membership & Participation in HOSA*

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 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering and public health. They work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. The mandatory project is presented at the Kansas City Stem Alliance Event in the spring. Membership and participation in HOSA, a student organization promoting careers in the health sciences area, will be encouraged. One (1) honor point will be earned for each semester successfully completed. Three (3) college hours of dual credit available through MS&T if college's criteria are met.

# Business, Marketing & Technology

- All students enrolled in business related courses will be eligible and are encouraged to participate in FBLA, a professional student organization for students interested in pursuing careers in business.
- All students enrolled in marketing related courses 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. DECA prepares the next generation to be academically prepared, community oriented, professionally responsible, and experienced leaders.

HS0911

## Introduction to Business

*Credit Type: Practical Art*

This course is designed as an introductory class to learn general business concepts that are relevant to future workforce and business leaders. Students will explore: business ownership, career options, run a virtual business, personal banking, checking accounts, spending plans, taxes and insurance. This overview will allow students to choose further business course offerings in grades 10-12.

HS0916

## Computer Applications

*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.

HS0944

## Accounting I

*Credit Type: Practical Art*

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

HS0927

## Graphic Design

*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 a graphic design portfolio. Students will also learn illustration software and explore the use of digital cameras, scanners, etc.

HS0930

## Business & Personal Law

*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.

## Business Principles

*Credit Type:* Practical Art  
*Dual Credit:* 3 College Hours – University of Missouri-Kansas City (UMKC): BSAD 150 Intro to Business  
*Fees:* ~\$280 Will be Billed/Paid Through the Cooperating College Business Office  
*Prerequisite:* Dual Credit Requirements if taking for Dual Credit

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 will also have to have GPA and ACT required scores to be eligible. Please see counselor for details. One (1) honor point will be earned for each semester successfully completed. Membership and participation in FBLA, an association for business students, will be encouraged. Three (3) hours of dual credit through UMKC if enrollment criteria are met. Option to take Supervised Business Work Experience for credit, which is considered work release for partial day, may be available.

## College Accounting

*Credit Type:* Practical Art  
*Dual Credit:* 3 College Hours – Missouri State University (MSU): ACC 201 Introduction to Financial Accounting  
*Fees:* ~\$210 Will be Billed/Must be Paid Through the Cooperating College Business Office  
*Prerequisite:* Accounting I and Dual Credit Requirements

Students learn the application of the basic accounting equation and more advanced accounting principles including inventories, depreciation, and asset management. Textbooks, homework, quizzes, and tests will all be completed online through MOState Canvas. This course is recommended for college-bound students who plan to major in any business-related field. Dual credit for this course through MSU is required. Students may need to have a 3.0 or a 21 on the ACT Composite OR a particular score on the math portion to be considered for this class. One (1) honor point will be earned for each semester successfully completed. Three (3) hours dual credit through MSU if enrollment criteria are met.

## Dual Credit Personal Finance

*Credit Type:* Personal Finance  
*Dual Credit:* 3 College Hours - Missouri State University (MSU): FIN 150 Personal Finance  
*Fees:* ~\$210 Will be Billed/Paid Through the Cooperating College Business Office

This course explores practical financial skills necessary for young adults to survive after high school. They will study banking, budgeting, investing, credit card use, 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. Twenty percent of the grade is assigned through MSU coursework. Three (3) hours of dual credit available through MSU if college's criteria are met.

## Personal Finance

*Credit Type:* Personal Finance

This course explores practical financial skills necessary for young adults to survive after high school. They will study banking, budgeting, investing, credit card use, 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

*Credit: Practical Art*

*Prerequisite: Must be enrolled in Business Principles*

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 Principles (HS0934) 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 8th semester attendance option. Membership and participation in FBLA, an association for business students, will be encouraged.

## ENTREPRENEURSHIP

HS0948

### Entrepreneurship

*Credit Type: Practical Art*

Everyone is guaranteed to leave this class better prepared to navigate the chaotic but fun world of entrepreneurship, whether you want to start a company/product or learn a skill that takes you outside your usual 9-to-5 job. Students will use cooperative thinking to pitch ideas and run an actual business for their final project. Topics include forms of ownership, management, marketing, financing and business plans.

HS0964

### College Entrepreneurship

*Credit Type: Practical Art*

*Dual Credit: 3 College Hours – University of Missouri-Kansas City (UMKC): ENT 315 Introduction to Entrepreneurship*

*Fees: ~\$280.77 Will Be Billed/Paid Through the Cooperating College Business Office*

Individuals are embracing the entrepreneurial mindset today more than ever and understanding the freedom it offers to create your own wealth. Students' hands-on experiences will include applying classroom concepts to a real business product or service. This course develops the ability to identify and evaluate new product opportunities and/or ideas for business concepts. Students will interact with successful entrepreneurs from different industries who will give workshops and speaking on their area of expertise. As a highly interactive class, significant weight will be placed on participation, and a formal business plan and presentation. Students are encouraged to participate in DECA, a professional marketing organization, as a way to connect and compete with their ideas. Three (3) credit hours of dual credit available through UMKC.

## MARKETING

HS0938

### Fundamentals of Marketing

*Credit Type: Practical Art*

This course is designed to introduce students to applications of marketing in all career fields. Some topics covered include marketing concepts, economics, advertising, sales promotion and salesmanship. Students will use a variety of technology designed to apply concepts to the business world.

HS0956

### College Marketing

*Credit Type: Practical Art*

*Dual Credit: 3 College Hours – Missouri State University (MSU): MKT 150 Marketing Fundamentals*

*Fees: ~\$210 Will be Billed/Paid Through the Cooperating College Business Office*

*Prerequisite: Fundamentals of Marketing with C grade or better*

*Recommended: Participation in DECA Activities is an Integral Component of This Course*

The course focuses on the processes involved in marketing including the meaning and importance of marketing terminology, the marketing mix, the marketing concept, consumerism, market segmentation, application of marketing concepts to real business

situations, and the impacts of different competitive structures on marketing decision making. Additional topics include the design of research projects, data collection, and the presentation of results. Principles and practices of business management including ethics, group dynamics, employee motivation, communications, decision-making, leadership and management styles are explored.

This course is recommended for college-bound students who plan to major in any business-related field. Students may need to have a 3.0 or a 21 on the ACT Composite OR a particular score on the math portion to be considered for this class. One (1) honor point will be earned for each semester successfully completed. Dual credit requirements if taking for dual credit. Three (3) hours of dual credit available through MSU if college's criteria are met.

HS0962

## **Sports & Entertainment Marketing**

*Credit Type: Practical Art*

*Prerequisite: Fundamentals of Marketing*

The field of sports and entertainment marketing is rapidly growing. This course is for students wanting to be more engaged in the marketing field. It will introduce students to the industry, types of products/services, and creative marketing concepts that apply. Students will be utilizing real-world projects and presentations to assess their knowledge and application.

HS0940

## **Advanced Marketing**

*Credit Type: Practical Art*

*Prerequisite: Fundamentals of Marketing*

This course focuses on the integration of marketing in all career fields. Students will apply the basic marketing principles to all facets of business operations such as buying, pricing, promoting, selling, marketing research, and management. If students are also in Supervised Marketing Experience, they will recognize that their current job connects well into class discussions and projects.

HS0942

## **Supervised Marketing Experience**

*Credit Type: Practical Art*

*Prerequisite: Must be enrolled in Advanced Marketing or College Marketing*

Students enrolled will receive practical on-the-job experience in a supervised work position that directly contributes to the development of the competencies necessary for successful employment in the field of marketing. Students must also be enrolled in Advanced Marketing or College Marketing and must pass the class in order to earn credit for Supervised Marketing Experience.

For students to be eligible for partial day release they must complete a minimum of 10 hours per week on the job. Students who work an average of 20 hours per week are eligible for an additional credit. Students also forfeit their eligibility for the 8th semester attendance option.

# College & Career

HS1900

## College & Career Readiness

*Credit Type: Elective*

The College and Career Readiness class is an opportunity for our students to learn firsthand about job opportunities directly from the workforce. Students learn about educational requirements, specific job duties, as well as on the job experiences from learning how to code software to occupational therapy. Students gain important knowledge that will be useful in making their future education decisions. The goal of this class is to help guide the way for our students whether they are bound for college, trade school or preparing to enter the workforce.

HS1901

## ACT Prep Class

*Credit Type: Elective*

*Fees: ACT Test ~\$50 No Writing Section or ~\$67 Registration with Writing Section*

*Prerequisite: Geometry*

This course prepares students for all four portions of the ACT test. Students should plan to take the ACT Exam at least one time during the semester. Test fees will be paid by the students.

# Computer Science (PLTW)

On rare occasions, computer science courses count for math or science course graduation requirements. To assure requirements for future planning will be met, signatures by principal, counselor and parents will be required.

HS2100

## Computer Science Essentials

*Credit Type: Practical Art/Science/Math/Elective*

In Computer Science Essentials, students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python® to create apps and develop websites, and learn how to make computers work together to put their design into practice. They will apply computational thinking practices, build their vocabulary, and collaborate just as computer professionals do to create products that address topics and problems important to them.

HS2101

## AP Computer Science Principles

*Credit Type: Practical Art/Science/Math/Elective*

*Fees: AP Examination Fee ~\$95*

*Prerequisite: Computer Science Essentials or Teacher Approval*

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop the in-demand computer science skills critical to thrive in any of today's and tomorrow's careers. The course promotes computational thinking and coding fundamentals and introduces computational tools that foster creativity. It aims to build students' awareness of the tremendous demand for computer scientists and those who have computational thinking skills, and engages students to consider issues raised by the impact of computing on society. One (1) honor point will be earned for each semester successfully completed.

HS2104

## Cybersecurity

*Credit Type: Practical Art/Science/Math/Elective*

*Prerequisite: Computer Science Essentials or Teacher Approval*

Students will be introduced to the tools and concepts of cybersecurity and encouraged to create solutions that allow people to share computing resources while protecting their privacy. Students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

HS2102

## **AP Computer Science A**

*Credit Type: Practical Art/Science/Math/Elective*

*Fees: AP Examination Fee ~\$95*

*Prerequisite: AP Computer Science Principles*

AP Computer Science A covers topics typically found in a college-level first course in computer science, and provides a solid preparation for the AP Computer Science A examination. The course emphasis is on procedural abstraction, data abstraction, object-oriented design and programming methodology using the Java programming language, and the use of algorithms and data structures. One (1) honor point will be earned for each semester successfully completed.

## **Engineering (PLTW)**

Dual credit by examination available through several colleges if students meet requirements.

HS6688

### **Engineering Essentials (EES)**

*Credit Type: Practical Art/Elective*

*Prerequisite: Completed or Concurrently Enrolled in Algebra I*

This course introduces students to engineering concepts that are applicable across multiple engineering disciplines and empowers them to build technical skills using a variety of engineering tools, such as geographic information systems (GIS), 3-D solid modeling software, and prototyping equipment. Students learn and apply the engineering design process to develop mechanical, electronic, process, and logistical solutions to relevant problems across a variety of industry sectors, including health care, public service, and product development and manufacturing. Membership and participation in TSA, a student organization promoting technology, will be encouraged.

HS6690

### **Intro to Engineering Design (IED)**

*Credit Type: Practical Art/Elective*

*Prerequisite: Completed or Concurrently Enrolled in Algebra I*

This class will employ engineering, mathematic, and scientific concepts in the solution of engineering design problems. Models of product solutions are created, analyzed, and communicated using a solid modeling design software. This course utilizes the Project Lead the Way curriculum. Membership and participation in TSA, a student organization promoting technology, will be encouraged.

HS6691

### **Principles of Engineering (POE)**

*Credit Type: Practical Art/Elective*

*Prerequisite: Completed or Concurrently Enrolled in Geometry*

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 (DE)

*Credit Type: Practical Art/Elective*

*Prerequisite: Engineering Essentials or Teacher Approval*

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. One (1) honor point will be earned for each semester successfully completed.

HS6689

## Civil Engineering & Architecture (CEA)

*Credit Type: Practical Art/Elective*

*Prerequisite: Introduction to Engineering and Principles of Engineering Design or Teacher Approval*

This course explores important aspects of building and site design and development. Students apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3-D architectural design software. One (1) honor point will be earned for each semester successfully completed. Membership and participation in TSA, a student organization promoting technology, will be encouraged.

HS6694

## Engineering Design & Development (EDD)

*Credit Type: Practical Art/Elective*

*Prerequisite: Completion of Intro to Engineering Design, Principles of Engineering, Digital Electronics or Civil Engineering & Architecture, or Teacher Approval*

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. One (1) honor point will be earned for each semester successfully completed.

# English Language Arts

Important Note for 8<sup>th</sup> Semester Release Students

DO NOT take Introduction to College Writing AND English Composition 110 your Senior year. If you plan to do 8th Semester Release, take either:

- a) English IV **with** Introduction to College Writing
- b) English IV **with** English Composition 110
- c) AP English Literature and Composition **with** Introduction to College Writing
- d) AP English Literature and Composition **with** English Composition 110

HS0104

## English I

*Credit Type: English*

Students will read fiction and nonfiction, including ancient literature in translation, and English and American literature from the Renaissance to the present. They will write responses to literary and media texts; analytic essays; and research-based argumentative essays. They will develop their vocabulary, close reading skills, listening and speaking skills, and research and



inquiry skills. They will use a writing process to compose multi-draft essays and will practice revision and editing skills in their writing.

HS0188

## English I Literature & Composition

*Credit Type: English*

*Recommended: Grade of B or Above in Both Semesters of 8<sup>th</sup> Grade English*

Students will read fiction and nonfiction, including ancient literature in translation, and English and American literature from the Renaissance to the present. They will focus on writing analytic and argumentative essays, including essays synthesizing researched information as the basis for supporting a claim. They will work on pre-ACT preparation for the reading, English and writing subtests and will focus on PSAT and SAT vocabulary development. They will use a writing process to compose multi-draft essays and will practice revision and editing skills in their writing.

HS0132

## Lit & Test Prep 101

*Credit Type: Elective*

*Prerequisite: Staff Placement*

This course is designed to improve student reading and test-taking skills. Reading strategies such as using schema, inference, questioning, and synthesis will be emphasized. EOC and ASPIRE (pre-ACT) test-taking strategies will be practiced throughout the course and will include writing instruction. Placement will be determined by staff.

HS0112

## English II

*Credit Type: English*

*Prerequisite: Successful Completion or Concurrently Enrolled in One Semester of English I*

Students will read world literature fiction and nonfiction, focusing on English and American literature from the Renaissance to the present. They will write analytic, argumentative, and inquiry-based research essays in which they synthesize information and ideas from various sources. They will develop their skills in revising writing and in producing on-demand, timed essay responses. They will practice editing skills and review grammar and usage rules. They will develop their vocabulary, speaking and listening, and test-taking skills, including practice on the reading and English portions of the ACT. Students will complete the state-required End-of-Course exam at the end of this course.

HS0133

## Lit & Test Prep 102

*Credit Type: Elective*

*Prerequisite: Staff Placement*

This course is designed to improve student reading and test-taking skills. Reading strategies such as using schema, inference, questioning, and synthesis will be emphasized. EOC test-taking strategies will be practiced throughout the course and will include writing instruction. Placement will be determined by staff.

## World Literature & Composition

*Credit Type: English*

*Prerequisite: A Student Must Pass or be Concurrently Enrolled in One Semester of English I Before They Can Take English II or World Literature and Composition*

*Recommended: Grade of B or above in English I or English I Literature & Composition*

Students will read world literature, including fiction and nonfiction, focusing on English and American literature from the Renaissance to the present. They will write analytic, argumentative, and inquiry-based research essays synthesizing information and ideas from various sources. They will develop their skills in revising writing and in producing on-demand, timed essay responses, and will practice their editing skills. They will study academic vocabulary, focusing on the words which appear the most commonly on the PSAT, SAT, and AP English exams. They will hone their test-taking skills, including practice for the reading and English portions of the ACT.

HS0154

## Creative Writing I

*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 skills. Students will present and share work to improve their writing.

HS0158

## Creative Writing II

*Credit Type: Elective*

*Prerequisite: Creative Writing I*

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. Students will present and share work to improve their writing.

HS0123

## AP English Language & Composition

*Credit Type: English*

*Fees: AP Examination Fee ~\$95*

*Prerequisite: Successful Completion or Concurrent Enrollment of English II or World Literature & Composition*

*Recommended: Grade of B or above in World Literature & Composition 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 several major American literary works, focusing on rhetorical techniques used to develop themes in those texts. Students will write 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, including practice on the reading and English portions of the ACT. One (1) honor point will be earned for each semester successfully completed.

HS0120

## English III

*Credit Type: English*

*Prerequisite: A Student Must Have Passed or be Concurrently Enrolled in One Semester of English II*

Students will read and discuss the themes and motifs in several major American literary texts, including fiction, poetry, drama, and nonfiction, from the Colonial Era to the present. They will write analytic and argumentative essays, including research-based

synthesis arguments, and will hone their revision and editing skills. They will practice for the ACT English and reading tests and will develop their vocabularies and speaking and listening skills.

HS0194

## English 200 Great Books & Instant Classics

*Credit Type:* English  
*Dual Credit:* 3 College Hours – Missouri State University (MSU): ENGLISH 200 – Great Books & Instant Classics  
*Fees:* ~\$210 Will be Billed/Paid Through the Cooperating College Business Office  
*MOTRansfer:* MOTR LITR 100  
*Prerequisite:* B or Higher in English 110 or Teacher Approval & MSU Dual Credit Requirements. 11th Grade Students Enrolling in this Class Must Still Be Enrolled in English III or AP English Language & Composition

This course introduces students to literary criticism in its broadest, most generic sense, focusing on the biographical/historical, formalist, and other more recent approaches to textual analysis. Students will be introduced to different approaches to writing about literature, as well, but will focus on structural analysis. They will read literary texts in various genres, including fiction, drama, and poetry, and will read literature from various eras and cultures, from the Renaissance to the present. Students can earn three (3) college credit hours in English 200 through MSU. Students must meet the enrollment criteria established by MSU. One (1) honor point will be earned for successful completion of the course. This class usually transfers to colleges as a humanities credit.

HS0196

## English 210 Writing II: Writing Across the Disciplines

*Credit Type:* English  
*Dual Credit:* 3 College Hours – Missouri State University (MSU): ENGLISH 210 – Writing II: Writing Across the Disciplines  
*Fees:* ~\$210 Will be Billed/Paid Through the Cooperating College Business Office  
*MOTRansfer:* MOTR ENGL 200  
*Prerequisite:* English 110 & MSU Dual Credit Requirements. 11th Grade Students Enrolling in this Class Must Still Be Enrolled in English III or AP English Language & Composition

This course provides students with practice in research and writing in various disciplinary fields, such as the social and natural sciences, business, governance, and the arts. Students will study the discourse conventions of various disciplines and will research relevant questions, issues, and problems in the disciplines from a variety of perspectives. Students will write analyses and arguments in which they consider context, audience, and purpose. Students can earn three (3) college credit hours in English 210 through MSU. Students must meet the enrollment criteria established by MSU. One (1) honor point will be earned for successful completion of the course. This class usually transfers to colleges as a humanities credit.

HS0186

## English Composition 110

*Credit Type:* English  
*Dual Credit:* 3 College Hours – Missouri State University (MSU): ENGLISH 110 English I: Intro to Academic Prose  
*Fees:* ~\$210 Will be Billed/Paid Through the Cooperating College Business Office  
*MOTRansfer:* MOTR ENGL 100  
*Prerequisite:* MSU Dual Credit Requirements. 11th Grade Students Enrolling in this Class Must Still be Enrolled in English III or AP English Language & Composition  
*Recommended:* Teacher's recommendation

This intensive writing and reading course builds on students' past writing experiences and requires students to compose personal experience and research-based analytic and argumentative essays. Students will develop critical thinking and reading skills as they read and respond to a variety of texts exploring social, historical, and cultural issues and contexts. Students will develop their critical thinking and writing skills as they compose a series of papers. This course offers the possibility of earning three (3) college credit hours in English Composition through MSU. Students must meet the enrollment criteria established by MSU. One (1) honor point will be earned for successful completion of this class.

## Introduction to College Writing

*Credit Type:* English

*Prerequisite:* 1 semester of English III or AP English Language & Composition

This course is intended for students who want to improve their writing skills and to gain experience in the types of writing required in college composition courses. Students will use a writing process approach, including prewriting, composing, revision, and editing. They will also study published essay models and will learn a process for essay analysis and evaluation. They will review grammar and usage skills in preparation for the ACT.

HS0134

## Lit & Test Prep 103

*Credit Type:* Elective

*Prerequisite:* Staff Placement

This course is designed to improve student reading and test-taking skills. Reading strategies such as using schema, inference, questioning, and synthesis will be emphasized. ACT test-taking strategies will be practiced throughout the course and will include writing instruction. Placement will be determined by staff.

HS0180

## Modern Literature

*Credit Type:* Elective

*Prerequisite:* 1 semester of English III or AP English Language & Composition

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 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.

HS0140

## AP English Literature & Composition

*Credit Type:* English

*Fees:* AP Examination Fee ~\$95

*Prerequisite:* Successful Completion or Concurrent Enrollment of English III or AP English Language & Composition

*Recommended:* A or B in English III or AP Language & Composition, Strong Verbal Skills, and Good Study & Attendance Habits

Students study major works in world and American literature, concentrating on analysis and evaluation of the texts to prepare them for the AP English Literature & Composition Exam and for advanced studies in college. One (1) honor point will be earned for each semester successfully completed. Students are expected to take the AP Exam and pay the examination fee.

HS0138

## English IV

*Credit Type:* English

*Prerequisite:* English III or AP English Language & Composition

Students will develop the reading and writing skills needed to read college-level texts and to succeed in post-secondary writing courses. This course will focus on reading both fiction and nonfiction texts and on writing summaries; college admissions essays; and textual analysis, research-based synthesis, and argumentative essays. Students will review skills needed for success on the ACT test and will read several major works in literature.

# Family & Consumer Sciences

HS1128

## Housing Environments & Design

*Credit Type: Practical Art*

This course provides students with the opportunity to study the elements required to create an attractive and functional living space. Course content focuses on types of housing, home rental or ownership, architectural styles, construction fundamentals, principles of home planning, floor plans, work centers, traffic patterns, energy efficiency, effects of colors, study of furniture styles, furniture selection, and arrangement, wall and floor coverings, and window treatment. Students will draw a floor plan to scale and arrange furniture in the rooms according to set guidelines. Membership and participation in FCCLA, a student organization to promote Family and Consumer Sciences, is encouraged.

HS1130

## Family Relations

*Credit Type: Practical Art*

Family Relations is a class for Juniors and Seniors. Students enrolled in Family Relations focus on analyzing the significance of the family; analyzing identifying factors that build and maintain healthy family relationships; developing communication patterns that enhance family relationships; dealing effectively with family stressors and conflicts; managing work and family roles and responsibilities; analyzing social forces and conditions that influence families across the life span; and cultivating the safety and well-being of the family. Membership and participation in FCCLA, a student organization to promote Family and Consumer Sciences, is encouraged.

## ENTREPRENEURSHIP

HS1153

## Nutrition & Wellness

*Credit Type: Practical Art*  
*IRC Exam: Nutrition Food and Wellness*

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. This course involves a variety of classroom techniques as well as laboratory experience. Membership and participation in FCCLA, a student organization to promote Family and Consumer Sciences, is encouraged.

HS1152

## International Foods

*Credit Type: Practical Art*  
*Prerequisite: Nutrition & Wellness*

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 Sciences, is encouraged.

HS1154

## Culinary Skills I/ProStart I

*Credit Type: Practical Art*  
*Prerequisite: Nutrition & Wellness*

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 food service to complete required work experience competencies by the end of year two. This course provides the amazing opportunity to work with the Blue Springs School District food truck, DISH. 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 Sciences, is encouraged.

HS1155

## **Culinary Skills II/ProStart II**

*Credit Type: Practical Art*

*Dual Credit: 3 College Hours – Missouri State University (MSU): HSP 321 ProStart II – Principles of Food Prep*

*Fees: ~\$210 Will be Billed/Paid Through the Cooperating College Business Office*

*Prerequisite: Culinary Skills I National Exam Passed with C or Above, MSU Dual Credit Requirements if Taking for Dual Credit*

This course is offered in the spring semester only and is 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 food service 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 Sciences, is encouraged. This course provides the amazing opportunity to work with the Blue Springs School District food truck, DISH. One (1) honor point will be earned for each semester successfully completed. Three (3) hours of dual credit available through MSU.

## EARLY CHILDHOOD

HS1116

### **Child Development**

*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 Sciences, is encouraged.

HS1118

### **Child Care & Guidance**

*Credit Type: Practical Art*

*IRC Exam: Early Childhood Education*

*Prerequisite: Child Development*

Course content will include child care 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. Students are required to teach the preschoolers and evaluate the progress of a preschooler in the class. Active participation will also be required of students. Membership and participation in FCCLA, a student organization to promote Family and Consumer Sciences, is encouraged.

## Advanced Child Care

*Credit Type:* Practical Art  
*Dual Credit:* 2 College Hours – University Central Missouri (UCM): CFD 1230 Observation of Children  
*Fee:* ~\$175 Will be Billed/Paid Through the Cooperating College Business Office  
*Prerequisite:* Child Care & Guidance w/C or Above

Course content will include child care 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. Students are required to teach the preschoolers and prepare a teaching portfolio. Active participation will also be required of students. Course content will be parallel to CDF 1230 as taught at the University of Central Missouri. Membership and participation in FCCLA, a student organization to promote Family and Consumer Sciences, is encouraged. One (1) honor point will be earned for successful completion of this class. Two (2) hours of dual credit available through UCM.

## FASHION

### Fashion & Apparel I

*Credit Type:* Practical Art  
*Fees:* Supply Cost \$75 and Up Depending on Projects Selected  
*IRC Exam:* Fashion, Textile and Apparel

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 displays, and study the fashion industry's impact on the consumer. Students will select their own patterns, with approval, and sew projects to learn basic sewing techniques. Students are responsible for sewing supplies and fabric for construction of projects. This class is designed as an introductory course for students who have little or no experience with sewing and clothing construction. Membership and participation in FCCLA, a student organization to promote Family and Consumer Sciences, is encouraged.

### Fashion & Apparel II

*Credit Type:* Practical Art  
*Fees:* Supply Cost \$75 and Up Depending on Projects Selected  
*Prerequisite:* Fashion & Apparel I

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. Students are responsible for sewing supplies and fabric for the construction of projects. The fashion projects created in this course use more advanced techniques. Membership and participation in FCCLA, a student organization to promote Family and Consumer Sciences, is encouraged.

# HOSPITALITY AND TOURISM

HS1156

## Hospitality & Tourism Management I

*Credit Type:* Practical Art/Elective  
*Dual Credit:* 3 College Hours – Missouri State University: HSP 210 Introduction to Hospitality Leadership  
*Fees:* ~\$210 Will be Billed/Paid Through the Cooperating College Business Office  
*Location:* Blue Springs Freshman Campus  
*Prerequisite:* Application Process, MSU Dual Credit Requirements if Taking for Dual Credit

This course is offered 1st semester only as a 3-hour block. Students in this course will study the various segments of the hospitality and tourism industry and the associated vernacular, as well as current issues facing the industry on a local, regional, national, and international scope. Students will study the elements required to be successful in the hospitality industry including, but not limited to, ethics, leadership, and managing. This course provides the amazing opportunity to work with the Blue Springs School District food truck, DISH. Membership and participation in FCCLA, a student organization to promote Family and Consumer Sciences, is encouraged. One (1) honor point will be earned for successful completion of this class. Three (3) hours of dual credit available through MSU.

HS1157

## Hospitality & Tourism Management II

*Credit Type:* Practical Art/Elective  
*Dual Credit:* 3 College Hours – Missouri State University: HSP 215 Introduction to Lodging Management  
*Fees:* ~\$210 Will be Billed/Paid Through the Cooperating College Business Office  
*Location:* Blue Springs Freshman Campus  
*Prerequisite:* Application Process, Hospitality & Tourism Management I, MSU Dual Credit Requirements if Taking for Dual Credit

This course is offered 2nd semester only as a 3-hour block. Students in this course will study the basic framework and structure of the inner workings of the lodging industry. With a focus on the limited-service segment, students will review the fundamental “hows and whys” of management in the lodging industry. We will address all the operating departments of a hotel and review the history of the hotel industry as well as the role of hotels within the larger hospitality and tourism community. We will discuss associated vernacular, as well as current issues facing the industry on a local, regional, national, and international scope. Students will study the elements required to be successful in the hospitality industry including, but not limited to, quality, service, profitability, teamwork, human resources, operations management, sales and marketing, and leadership. This course provides the amazing opportunity to work with the Blue Springs School District food truck, DISH. Membership and participation in FCCLA, a student organization to promote Family and Consumer Sciences, is encouraged. One (1) honor point will be earned for successful completion of this class. Three (3) hours of dual credit available through MSU if college’s criteria are met.

HS1158

## Hospitality & Tourism Management Internship/ProStart Internship

*Credit Type:* Practical Art/Elective  
*Location:* Blue Springs Freshman Campus  
*Prerequisite:* Must be Enrolled in or Passed Hospitality and Tourism Management class or ProStart

Students enrolled in this program will receive practical on-the-job experience in a supervised internship position that directly contributes to the development of competency necessary for successful employment in the fields of Hospitality and Tourism/ProStart Culinary.

For students to be eligible for partial day release they must complete a minimum of 10 hours per week on the job or internship.



# Foreign Language (International Language)

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.

HS0602

## French I

*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.

HS0642

## German I

*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.

HS0622

## Spanish I

*Credit Type: Elective*

*Recommended: 8th Grader Who Finished Spanish I with a Grade of C or Lower Repeat Spanish I*

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.

HS0626

## Spanish II

*Credit Type: Elective*

*Prerequisite: Spanish I*

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

HS0606

## French II

*Credit Type: Elective*

*Prerequisite: French I*

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

HS0646

## German II

*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 III

*Credit Type:* Elective  
*Prerequisite:* Spanish II

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.

HS0639

## Advanced Spanish Lit. Comp. & Conversation

*Credit Type:* Elective  
*Prerequisite:* Spanish III

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.

HS0634

## AP Spanish

*Credit Type:* Elective  
*Fees:* AP Examination Fee ~\$95  
*Prerequisite:* Spanish III

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. One (1) honor point will be earned for each semester successfully completed. All students are expected to take the AP exam and pay the examination fee.

HS0608

## French III/UMKC French 110-120

*Credit Type:* Elective  
*Dual Credit:* 6 College Hours – University of Missouri-Kansas City (UMKC): FRENCH 110 Elementary French I & FRENCH 120 Elementary French II  
*Fees:* ~\$561 Will be Billed and Paid Through the Cooperating College Business Office for Dual Credit  
*MOTransfer:* MOTR LANG 101  
*Prerequisite:* French II and if Taking for Dual Credit Must Meet UMKC Dual Credit Requirements

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. One (1) honor point will be earned for each semester successfully completed. Students may earn three (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.

HS0651

## German III/UMKC German 110-120

*Credit Type:* Elective  
*Dual Credit:* 6 College Hours – University of Missouri-Kansas City (UMKC): GERMAN 110 Elementary German I & GERMAN 120 Elementary German II  
*Fees:* \$561 Will be Billed and Paid Through the Cooperating College Business Office for Dual Credit  
*Prerequisite:* German II and if Taking for Dual Credit Must Meet UMKC Dual Credit Requirements

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. One (1) honor point will be earned for each semester successfully completed. Students may earn

three (3) hours of college credit per semester if college's criteria are met. A UMKC fee is required if this course is taken for college credit.

HS0636S1 & HS0637S2

## Pre-AP Spanish

*Credit Type:* Elective  
*Prerequisite:* Spanish III  
*Recommended:* 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 (1) honor point will be earned for the successful completion of this full-year course at the end of the year.

HS0612

## French IV/UMKC French 211-221

*Credit Type:* Elective  
*Dual Credit:* 6 College Hours – University of Missouri-Kansas City (UMKC): FRENCH 211 Second Year French I & FRENCH 221 Second Year French II  
*Fees:* \$561 Will be Billed and Paid Through the Cooperating College Business Office for Dual Credit  
*Prerequisite:* French III and Completion of UMKC French 110-120--if Taking for Dual Credit,  
Must Meet UMKC Dual Credit Requirements

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. One (1) honor point will be earned for each semester successfully completed. 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. Three (3) hours per semester of credit may be earned by students if college's criteria are met. Grades will be recorded on the student's University of Missouri system transcript.

HS0654

## German IV/UMKC German 211-221

*Credit Type:* Elective  
*Dual Credit:* 6 College Hours – University of Missouri-Kansas City (UMKC): GERMAN 211 Second Year German I & GERMAN 221 Second Year German II  
*Fees:* \$561 Will be Billed and Paid Through the Cooperating College Business Office for Dual Credit  
*Prerequisite:* German III and Completion of UMKC German 110-120--if Taking for Dual Credit,  
Must Meet UMKC Dual Credit Requirements  
*Recommended:* Minimum Grade of C in Prerequisite Course

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. One (1) honor point will be earned for each semester successfully completed. Three (3) hours per semester of credit may be earned for students if college's criteria are met.

# Industrial/Technical Education

HS1046

## Home Maintenance & Power Technology

*Credit Type:* Practical Art/Elective  
*Fees:* Supply Cost ~\$30

Students will be introduced to basic home maintenance skills and tools through multiple lab based projects. Each take home project will emphasize materials and techniques used in common home repairs. The course will discuss small gas engine maintenance as it relates to the homeowner's needs. Project planning, repair costs and safety are emphasized throughout the course to help the student be a more informed consumer. This class will have supply costs for take home projects.

HS1037

## Materials & Processing for Manufacturing

*Credit Type:* Practical Art/Elective  
*Fees:* Supply Cost ~\$30

Materials and Processing for Manufacturing is a hands on lab course involving a range of tools from traditional wood working equipment to computer controlled machinery. Students will build a range of products incorporating woods, metals, and plastics while studying the technology behind each material and process being used. Machine safety and maintenance will be emphasized throughout the course. This class will have supply costs for take home projects.

HS1041

## Metals Manufacturing Technology

*Credit Type:* Practical Art/Elective  
*Fees:* Supply Cost ~\$30  
*Prerequisite:* Completion of Materials & Processing for Manufacturing

Students will be introduced to advanced materials, designs and processes used in metalworking. Students will gain a variety of experience with sheet metal, bench metal, welding, and finishing skills and an introduction to manufacturing automation. Machine maintenance and shop safety will be emphasized throughout the course. Each student will have required projects to complete. This class will have supply costs for take home projects.

HS1039

## Woods Manufacturing Technology

*Credit Type:* Practical Art/Elective  
*Fees:* Supply Cost ~\$30  
*Prerequisite:* Completion of Materials & Processing for Manufacturing

Students will be introduced to woodworking techniques while exploring more complicated design and fabrication practices. Students will gain experience through lab-based instruction while creating multiple projects. This course will focus on machine woodworking skills, assembly techniques and finishing while incorporating computer-controlled manufacturing equipment. Machine safety and maintenance will be emphasized throughout the course. This class will have supply costs for take home projects.

HS1047H

## Construction Career Academy

*Certifications:* OSHA 10 Card, Level 1 BLDM Certificate, Level II BLDM Certificate, ESCO Certified, Core Classes for the AAS Degree  
*Credit Type:* Practical Art/Elective

Students enter their junior year and complete 3 semesters of half day courses. The Kansas City Construction Career Academy (KCCCCA) is currently a collaboration between Metropolitan Community College, North Kansas City Schools, JE Dunn

Construction and the Kauffman Foundation. Students who pursue this opportunity attend the MCC-Business & Technology Center half time during their junior and senior years of high school.

# Journalism

HS0912

## Intro to Video Editing & Radio Broadcasting

*Credit Type:* Elective/Practical Art

*Location:* BSHS Only 9<sup>th</sup> Grade Year

*Recommended:* Grade of B or Above in Previous English Class

This semester course, available to Blue Springs High School 9th grade students, explores basic video editing and radio broadcasting. Students in the course will spend half of the semester focusing on basics of camera, tripod and microphone use and gain basic knowledge of the Adobe Premier Pro editing software. The second half of the semester they will spend learning some basic history of radio and work on creating their own podcasts. They will also gain experience working on live radio in the mornings at the Freshman Center. This course is a great intro course for students interested in video and radio.

HS0167

## Journalism I

*Credit Type:* Elective

Journalism I is a semester course that introduces students to the fundamentals of both newswriting 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 35 mm photography, advertising, 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.

HS0952

## Advanced Media Broadcasting (Jag TV/Wildcat TV)

*Credit Type:* Elective/Practical Art

*Prerequisites:* B or Higher in Video Production & Broadcasting and/or Teacher Approval

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 for covering news-worthy events for the school and for BSSD TV and Radio. Class size is limited due to availability of editing/camera equipment. Completing Video Production & Broadcasting I does not guarantee entrance to this class.

HS0162

## Advanced Video & Field Productions

*Credit Type:* Elective/Practical Art

*Prerequisites:* B or Higher in Video Production & Broadcasting and/or Teacher Approval

Students will gain greater experience in video producing and editing, advanced video productions such as film making, commercials, documentaries and more. Students will also participate in field productions, such as covering and broadcasting LIVE sporting activities and community events. Many of these video and broadcasting opportunities will be re-broadcasted on BSSD TV Comcast 15. \*\*Some assignments will require outside-of-school time (such as filming evening sporting/activity events and film projects). Class size is limited due to availability of editing/camera equipment. Completion of Video Production & Broadcasting I does not guarantee entrance to this class. Can take two semesters maximum at Blue Springs South High School.

## Journalism/Newsriting I

*Credit Type: Elective/Practical Art*

*Recommended: Journalism I, Newsriting Teacher Approval*

Newsriting 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 to apply positions as section editors and assistant editors on the staff. Students do headline writing, copyediting, and layout and design; use the software for word processing and desktop publishing and computer labs; and help produce each edition of the school newspaper. This course will prepare students for entrance into the Newsriting II class.

HS0169

## Photojournalism I

*Credit Type: Elective*

*Recommended: Grade of B or Above in Previous English Class*

The students in this journalism course will produce the photographs for the school newspaper, website 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 these publications should see the advisor for information.

HS0913

## Video Production & Broadcasting

*Credit Type: Elective/Practical Art*

*Recommended: Grade of B or Above in Previous English Class*

Students will learn the basics of digital camcorder operations, video editing, software, and other broadcast equipment by producing weekly video projects. Students will also learn basic radio techniques and occasionally broadcast LIVE on BSSDradio.net.

HS0176

## Yearbook I

*Credit Type: Elective/Practical Art*

*Recommended: Journalism I, Yearbook Teacher Approval*

This class covers all the fundamentals, including copywriting, 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.

HS0170

## Journalism/Newsriting II

*Credit Type: Elective/Practical Art*

*Prerequisites: Newsriting I or Newspaper Teacher Approval*

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

## Yearbook II

*Credit Type:* Elective/Practical Art

*Prerequisites:* Yearbook I, or Journalism I, Grade of B or Above in Previous English Class and Yearbook Teacher Approval

Advanced journalism students 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.

# Mathematics

HS0330

## Algebra I

*Credit Type:* Math

This course is an entry level course for advanced mathematics classes. The student will begin to work with variables, expressions, 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. Students will complete the state-required End-of-Course exam at the end of this course.

HS0318

## Algebra A

*Credit Type:* Math

*Prerequisite:* Administrative Placement

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. This course does not satisfy 1 full unit of Math needed to gain admittance to a 4-year University.

HS0334

## Geometry

*Credit Type:* Math

*Prerequisite:* Algebra I or Completion of Both Algebra A and B

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.

HS0338

## Algebra II

*Credit Type:* Math

*Prerequisite:* Geometry: Completion or Concurrent Enrollment with Teacher Approval

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-Calculus, Trigonometry, and College Algebra. Suggested Calculator is TI-83 Plus or TI-84. Students who took Algebra I in the 8th grade will take the state-required Algebra II End-of-Course exam at the end of this course.

HS0319

## Algebra B

*Credit Type:* Math

*Prerequisite:* Algebra A

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. This course does not satisfy 1 full unit of Math needed to gain admittance to a 4-year University. Students will complete the state-required End-of-Course exam at the end of this course.

HS0346

## Advanced Algebra

*Credit Type:* Math  
*Prerequisite:* Algebra II

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.

HS0360

## College Algebra (Semester)

*Credit Type:* Math  
*Dual Credit:* 3 College Hours - University of Missouri-Kansas City (UMKC): MATH 110 College Algebra  
*Fees:* ~\$280 Will be Billed/Paid Through the Cooperating College Business Office  
*MOTransfer:* MOTR Math 130  
*Prerequisite:* Successful completion of Algebra II -- Dual Credit Requirements: 3.0 or 21 ACT Composite

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 need to have a 3.0 or a 21 on the ACT Composite OR a particular score on the math portion to be considered for this class. One (1) honor point will be earned for successful completion of this class. College credit will be billed and paid through the cooperating college business office. If a student elects to take the dual credit class for no college credit, he/she must still meet district requirements. Suggested calculator is TI-83 Plus or TI-84. Three (3) hours dual credit available for qualified students if college's criteria are met.

HS0358S1 & HS0359S2

## College Algebra (Year)

*Credit Type:* Math  
*Dual Credit:* 3 College Hours - University of Missouri-Kansas City (UMKC): MATH 110 College Algebra  
*Fees:* ~\$280 Will be Billed/Paid Through the Cooperating College Business Office  
*MOTransfer:* MOTR Math 130  
*Prerequisite:* Successful completion of Algebra II -- Dual Credit Requirements: 3.0 or 21 ACT Composite

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 need to have a 3.0 or a 21 on the ACT Composite OR a particular score on the math portion to be considered for this class. One (1) honor point will be earned for successful completion of this year long class (end of second semester). College credit will be billed and paid through the cooperating college business office. If a student elects to take the dual credit class for no college credit, he/she must still meet district requirements. Suggested calculator is TI-83 Plus or TI-84. Three (3) hours dual credit available if college's criteria are met.

HS0320H

## College Pre-Calculus

*Credit Type:* Math  
*Dual Credit:* 5 College Hours - University of Missouri-Kansas City (UMKC): MATH 120 College Pre-Calculus  
*Fees:* ~\$468 Will be Billed/Paid Through the Cooperating College Business Office  
*MOTransfer:* MOTR MATH 150  
*Prerequisite:* Geometry and Algebra II -- Dual Credit Requirements: 3.0 or 21 ACT Composite



*Recommended: 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 Calculus. It is designed to go into algebraic and trigonometric concepts in the detail needed for Calculus. Students may need to have a 3.0 or a 21 on the ACT Composite OR a particular score on the math portion to be considered for this class. College credit will be billed and paid through the cooperating college business office. One (1) honor point will be earned for each semester successfully completed. If a student elects to take the dual credit class for no college credit, he/she must still meet district requirements. Suggested calculator is TI-83 Plus or TI-84. Five (5) hours dual credit available if college's criteria are met.

HS0352

## **College Statistics (Semester)**

*Credit Type: Math*  
*Dual Credit: 3 College Hours - University of Missouri-Kansas City (UMKC): STAT 235 Elementary Statistics*  
*Fees: ~\$280 Will be Billed/Paid Through the Cooperating College Business Office*  
*Prerequisite: Successful completion of Algebra II -- Dual Credit Requirements: 3.0 or 21 ACT Composite*

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 need to have a 3.0 or a 21 on the ACT Composite OR a particular score on the math portion to be considered for this class. One (1) honor point will be earned for successful completion of this class. College credit will be billed and paid through the cooperating college business office. If a student elects to take the dual credit class for no college credit, he/she must still meet district requirements. Suggested calculator is TI-83 Plus or TI-84. Three (3) hours dual credit available if college's criteria are met.

HS0353S1 & HS0353S2

## **College Statistics (Year)**

*Credit Type: Math*  
*Dual Credit: 3 College Hours - University of Missouri-Kansas City (UMKC): STAT 235 Elementary Statistics*  
*Fees: ~\$280 Will be Billed/Paid Through the Cooperating College Business Office*  
*Prerequisite: Successful completion of Algebra II -- Dual Credit Requirements: 3.0 or 21 ACT Composite*

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 need to have a 3.0 or a 21 on the ACT Composite OR a particular score on the math portion to be considered for this class. One (1) honor point will be earned for successful completion of this year long class (end of second semester). College credit will be billed and paid through the cooperating college business office. If a student elects to take the dual credit class for no college credit, he/she must still meet district requirements. Suggested calculator is TI-83 Plus or TI-84. Three (3) hours dual credit available if college's criteria are met.

HS0362

## **College Trigonometry**

*Credit Type: Math*  
*Dual Credit: 2 College Hours - University of Missouri-Kansas City (UMKC): MATH 125 Trigonometry*  
*Fees: ~\$188 Will be Billed/Paid Through the Cooperating College Business Office*  
*Prerequisite: Successful completion of Algebra II -- Dual Credit Requirements: 3.0 or 21 ACT Composite*

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 need to have a 3.0 or a 21 on the ACT Composite OR a particular score on the math portion to be considered for this class. One (1) honor point will be earned for successful completion of this class. College credit will be billed and paid through the cooperating college business office. If a student elects to take the dual credit class for no college credit, he/she must still meet district requirements. Two (2) hours dual credit available if college's criteria are met.

## AP Calculus BC

*Credit Type:* Math  
*Fees:* AP Examination Fee \$95  
*Prerequisite:* College Pre-Calculus  
*Recommended:* A Grade of B or Above in College Pre-Calculus

This course is the equivalent of a first and second 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. One (1) honor point will be earned for each semester successfully completed. 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. Suggested calculator is TI-84.

HS0321H

## College Calculus I

*Credit Type:* Math  
*Dual Credit:* 4 College Hours - University of Missouri-Kansas City (UMKC): MATH 210 College Calculus I  
*Fees:* ~\$374 Will be Billed/Paid Through the Cooperating College Business Office  
*Prerequisite:* Successful Completion of College Pre-Calculus or both College Algebra and College Trigonometry -- Dual Credit  
*Requirements:* 3.0 or 21 ACT Composite

This course covers functions and graphs, rational, trigonometric, exponential functions, composite and inverse functions, limits and continuity, differentiation and its applications, integration and its applications. Students may need to have a 3.0 or a 21 on the ACT Composite OR a particular score on the math portion in addition to completion of prerequisites listed above to be considered for this class. College credit will be billed and paid through the cooperating college business office. One (1) honor point will be earned for each semester successfully completed. If a student elects to take the dual credit class for no college credit, he/she must still meet district requirements. Suggested calculator is TI-84. Four (4) hours dual credit available if college's criteria are met.

# Music

HS0760

## Introduction to the Fine Arts

*Credit Type:* Fine Art

Students will survey the Principles and Elements of Visual Art, Theatre, and Vocal Music. This course will be comprised of three 6-week rotations between the Fine Arts disciplines. Students will understand the building blocks of each discipline and how they relate to one another.

HS0828

## Music Appreciation

*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 20th Century trends in composition.

## AP Music Theory

*Credit Type: Fine Art*

*Fees: AP Examination Fee \$95*

*Prerequisite: Two Years of High School Vocal/Instrumental Ensemble Participation and Must be Concurrently Enrolled in a Performance Ensemble or Instructor Approval*

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 (1) honor point will be earned for each semester successfully completed. All students are expected to take the AP exam and pay the examination fee.

HS0830

## Music Theory & Technology

*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.

## BAND

HS0810

### Concert Band

*Credit Type: Fine Art*

*Fees: Please Refer to the Band Parent Meeting About Required Fees and Travel Requirements*

*Prerequisite: 2 Years of Band or Audition*

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. Blue Springs High School (BSHS) Freshman may be transported by bus to BSHS for this class.

HS0812

### Symphonic Band

*Credit Type: Fine Art*

*Fees: Please Refer to the Band Parent Meeting About Required Fees and Travel Requirements*

*Prerequisite: 2 Years of Band/Audition*

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.

## Wind Symphony

*Credit Type:* Fine Art  
*Prerequisite:* Entrance by Audition Only

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. Seniors taking for dual credit should enroll in Symphonic Band for Dual Credit (HS0840S1 and HS0843S2).

HS0840S1 and HS0453S2

## Symphonic Wind Band for Dual Credit

*Credit Type:* Fine Art  
*Dual Credit:* 2 College Hours – Metropolitan Community College (MCC): MUSI 103 Concert Band I & MUSI 104 Concert Band II  
*Fees:* ~\$103 Will be Billed/Paid Through the Cooperating College Business Office  
 Please Refer to the Band Parent Meeting About Required Fees and Travel Requirements  
*Prerequisite:* Entrance by Audition Only

This senior only option for 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. One (1) honor point will be earned at the end of the year for the successful completion of this full-year course. 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. Two (2) hours of dual credit through MCC if college's criteria are met.

## CHOIR

HS0825

### Freshman Choir Women's

*Credit Type:* Fine Art  
*Prerequisite:* Students Wishing to Participate in this Ensemble Must Be Recommended by their 8th Grade Choir Instructor or Have Permission to Enroll from Teacher of Said Choral Ensemble/Audition

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 Men's Choir 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. Blue Springs High School (BSHS) Freshman may be transported by bus to BSHS for this class.

## Men's Choir

*Credit Type: Fine Art*

*Prerequisite: Recommendation from middle or high school choir teacher, or audition.*

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 occasionally be combined with the Women's Choir 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. Blue Springs High School (BSHS) Freshman may be transported by bus to BSHS for this class.

HS0822

## A Cappella Choir

*Credit Type: Fine Art*

*Location: Blue Spring High School Only*

*Prerequisite: Students Must Audition and Have Teacher Recommendation*

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. Seniors taking for dual credit should enroll in A Cappella Choir for Dual Credit (HS0842S1 and HS0846S2).

HS0818

## Women's Choir

*Credit Type: Fine Art*

*Prerequisite: Students Wishing to Participate in this Ensemble Must Audition or Have the Permission to Enroll from Teacher of Said School Ensemble*

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 occasionally be combined with the Men's Choir 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.

HS0824

## Chamber Choir

*Credit Type: Fine Art*

*Prerequisite: Completion of A Cappella Choir or Instructor Approval/Audition I*

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.

HS0823

## Women's Ensemble

*Credit Type: Fine Art*

*Prerequisite: A Cappella Choir or Audition/Teacher Permission*

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 Choir. Required rehearsals and concert participation is included in the student's grade.

HS0842S1 &amp; HS0846S2

## A Cappella Choir for Dual Credit

*Credit Type:* Fine Art  
*Dual Credit:* 2 College Hours – Metropolitan Community College (MCC): MUSI 101 Choir I & MUSI 102 Choir II  
*Fees:* ~\$103 Will be Billed/Paid Through the Cooperating College Business Office  
*Prerequisite:* Students Must Audition and Have Teacher Recommendation

This is a senior only 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. One (1) honor point will be earned at the end of the year for the successful completion of this full-year course. Two (2) hours dual credit for seniors only through MCC if college's criteria are met.

## ORCHESTRA

HS0814

### Concert Orchestra

*Credit Type:* Fine Art  
*Prerequisite:* 1 Year of Orchestra Experience/Audition

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. Blue Springs High School (BSHS) Freshman may be transported by bus to BSHS for this class.

HS0833

### Symphony Orchestra

*Credit Type:* Fine Art  
*Prerequisite:* 1 Year of Orchestra Experience/Audition

This performance group is an audition only ensemble open to those students with the ability to play an orchestral string instrument. Students must have been enrolled in a high school orchestral ensemble for one year or have received a recommendation from their director to enroll. 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.

HS0835

### Symphonic Orchestra for Band

*Credit Type:* Fine Art  
*Prerequisite:* Audition Only Winds/Percussionists Must Be Enrolled and Fully Participating/  
Performing Members of the Band While in Symphony Orchestra

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 for Band. Placement for this group is by audition only.

HS0841S1 & HS0845S2

### Orchestra for Dual Credit

*Credit Type:* Fine Art  
*Dual Credit:* 2 College Hours – Metropolitan Community College (MCC): MUSI 105 Orchestra I & MUSI 106 Orchestra II  
*Fees:* ~\$103 Will be Billed/Paid Through the Cooperating College Business Office  
*Prerequisite:* 1 Year of Orchestra Experience/Audition

This senior only 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. One (1) honor point will be earned at the end of the year for the successful completion of this full-year course. 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. Two (2) hours of dual credit through MCC if college's criteria are met.

## Non-Credit

HS9910 S1 & HS9911 S2

### Study Hall

*Credit Type:* None  
*Prerequisite:* Counselor Approval

A student may not enroll in more than one study hall per semester.

## Other Non-Departmental Electives

BSS1524

### American Sign Language

*Credit Type:* Elective  
*Location:* Blue Springs South High School

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 4th year English course at some colleges and universities.

HS1516

### AP Research

*Credit Type:* Elective  
*Fees:* AP Examination Fee \$95

Students will investigate a variety of topics of their choice and will complete a team research-based project and an individual paper and presentation on an issue they research from multiple perspectives. Focused on research and on writing a paper and creating a media presentation on a current issue in the social sciences, natural sciences, mathematics and technology, or arts and literature, this course provides self-motivated students the opportunity to research, write, and present on a relevant current issue to an academic audience. Students who perform successfully on their team and individual research projects and on the AP Research Exam will earn AP elective credit in the course.

Because AP Research is the second of two research courses needed to complete the AP Capstone diploma, students who want to earn the Capstone diploma will need to successfully complete both the AP Seminar and AP Research courses with scores of 3 or higher, as well as earn a 3 or higher on at least 4 other AP exams taken at any point throughout high school.

HS1515

### AP Seminar

*Credit Type:* Elective  
*Fees:* AP Examination Fee \$95

Students will investigate a variety of topics of their choice and will complete a team research-based project and an individual paper and presentation on an issue they research from multiple perspectives. Focused on research and on writing a paper and creating a media presentation on a current issue in the social sciences, natural sciences, mathematics and technology, or arts and literature, this course provides self-motivated students the opportunity to research, write, and present on a relevant current issue to an academic audience. Students who perform successfully on their team and individual research projects and on the AP Seminar Exam will earn AP elective credit in the course.

Because AP Seminar is the first of two research courses needed to complete the AP Capstone diploma, students who want to earn the Capstone diploma will need to successfully complete both the AP Seminar and AP Research courses with scores of 3 or higher, as well as earn a 3 or higher on at least 4 other AP exams taken at any point throughout high school.

An honor point is attached to this AP course. Students who take the AP Seminar Exam should check with the college they plan to attend to learn what college credit they can earn through the exam.

HS1514

## Leadership

*Credit Type:* Elective  
*Dual Credit:* Seniors Only-3 College Hours – Drury if College’s Criteria are Met  
*Fees:* ~\$210 Will be Billed/Paid Through the Cooperating College Business Office  
Senior Year Only if Taking for Dual Credit  
*Prerequisite:* Member of Senate

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. Seniors qualify for dual credit and earn one (1) honor point for each semester successfully completed. Three (3) hours of dual credit through Drury available for qualified seniors second semester if college’s criteria are met.

HS8003H

## School-Based Enterprise: *Student Operated Business*

*Credit Type:* Elective  
*Dual Credit:* 3 College Hours – University Missouri Kansas City (UMKC) and/or Missouri State University (MSU)  
*Fees:* Varies Based on Program  
*Prerequisite:* Specialized area of focus courses AND approval through your pre-requisite teacher

- Fashion Merchandising – Fashion and Apparel I or Housing Environments & Design
- Culinary – Culinary I
- Photo/Graphic Design – Photo I
- Marketing – Fundamentals of Marketing
- Entrepreneurship/Operations – Entrepreneurship

This class will cultivate a well-developed understanding of what it takes to fully operate a business. Students will run this business from every aspect and market products to their peers/parents, while the school instructors provide them with a supportive learning environment. Entrepreneurial ventures will combine many active learning aspects of a real business with peers who are specializing in their discipline they are most passionate about. This experiential learning component will give structure and motivation for students to see outcomes from their actions and give them tools and internship experience for their future. With the right mindset in place, these students will be influential in creating a future hub of synergy, collaboration, and creative ventures from other school-wide departments/clubs throughout the year. Credit is assigned by student department and by teacher.



## Independent Study

*Credit Type:* Elective  
*Prerequisite:* Administrator, Counselor, Teacher Approval

Independent Study is an option that may be available to a student who has exhausted all classes offered in a career field and has an interest in pursuing a specific career path. This option is available for a student who has the commitment to complete course work on his or her own. Students must find a certified teacher willing to offer their course independently. The following procedure should be followed:

1. Student needs to contact the head principal to discuss possible areas of study.
2. Together, the teacher, counselor and student, in conjunction with the instructional leader should write an Independent Study Proposal. They will define and complete the proposal with the following: Stage 1: Desired Results; Stage 2: Assessment Evidence; and Stage 3: Learning Plan, outlining specific assignments, topics, timelines, and meetings for which the student will receive 0.5 credit (per semester).
3. The completed Independent Study Proposal with signatures, should be turned into the counselor.

HS1517H

## Introduction to Teaching

*Credit Type:* Elective  
*Dual Credit:* 3 College Hours – University of Missouri-Kansas City (UMKC) if College's Criteria are Met  
*Fees:* ~\$280 Will be Billed/Paid Through the Cooperating College Business Office  
*Prerequisite:* Minimum of 2.0 GPA  
*Recommended:* Psychology, AP Psychology, Sociology, Child Care, Advanced Child Care

Introduction to the historical, social and philosophical dimensions of teaching. Prospective teacher candidates gain greater insight into the commitment, purpose, and responsibility associated with professional teaching practice. Particular focus is placed on productive teaching practices and the habits of mind of expert teachers. Students taking this course have the option to enroll in UMKC's High School College Partnership (HSCP) dual credit program to earn three (3) hours of college communications credit (TCH-ED 150- Introduction to Teaching).

BS1518

## Peer Assistants

*Credit Type:* Elective  
*Location:* Blue Springs High School Only  
*Prerequisite:* Administrator, Counselor, Teacher Approval

This course allows students to assist students with special needs for credit.

# Physical Education (PE)/Health

Physical Education and Health are an integral component to the district's curriculum. It is the goal for each student to develop skills/practices for lifelong fitness.

All students are required to take health (0.5 credit) and 1 full credit of PE.

1. Ninth grade students are encouraged to enroll in a PE class and Health.
2. Tenth grade students are encouraged to select a second PE class.
3. Additional PE courses may be taken for elective credit.

## Health

*Credit Type: Health*

This course is taught in four 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 infections (STI's), tobacco, alcohol, medicines, and illegal drugs.

HS1201

## Officiating of Sport

*Credit Type: Physical Education*

*Prerequisite: Teacher Approval*

This course will enable students to acquire knowledge of sport rules and regulations, to develop skills in officiating skills in selected sports, improve skills in specific team sports and maintain or improve health-related fitness. The course will include knowledge and skills in safety practices, rules, terminology, etiquette, history, sportsmanship, correct techniques and correct signals for officiating, consumer issues and benefits of participation. At the end of this class, students should be able to officiate games at the youth level.

HS1210

## Physical Education I - Boys

*Credit Type: Physical Education*

Students will learn basic skills, rules and theory and will participate in several of the following activities: basketball, football, volleyball, softball, soccer, floor hockey, physical fitness, and racquet sports. This course involves a physical fitness testing element that will examine the strength, cardiovascular fitness and flexibility of each student.

HS1212

## Physical Education I - Girls

*Credit Type: Physical Education*

Students will learn basic skills, rules and theory and will participate in several of the following activities: basketball, football, volleyball, softball, soccer, floor hockey, physical fitness, and racquet sports. This course involves a physical fitness testing element that will examine the strength, cardiovascular fitness and flexibility of each student.

HS1202

## Life Time Sports A

*Credit Type: Physical Education*

This course, the first in the individual and dual sports series, is designed to enhance personal and social skills in the context of individual and dual sports. Students will learn skill development, class organizational principles, and competition strategies as well as rules, etiquette and history associated with individual and dual sports such as pickle ball, badminton, tennis, Frisbee golf, bowling, and various rec/yard games. Teamwork, sportsmanship and safety are emphasized. Students are tested on rules and skill acquisition as well as daily participation and the ability to work with other students on a team.

HS1203

## Life Time Sports B

*Credit Type: Physical Education*

This course focuses on individual and dual sports. Students will learn skill development, class organizational principles, and competition strategies as well as rules, etiquette and history associated with individual and dual sports such as pickle ball,

badminton, tennis, Frisbee golf, bowling, and various rec/yard games. Teamwork, sportsmanship and safety will be emphasized. Students will be tested on rules, and skill acquisition as well as daily participation and the ability to work with other students on a team.

HS1250

## Social Dance

*Credit Type: Physical Education*

Non-dress out course. Co-ed enrollment encouraged. This class acts a very basic introduction to social dances, with emphasis on practical application, including leading and following. Students will also explore the history, music, attire, cultural significance, and etiquette for the dances covered in the class. The units cover ballroom, Latin, line modern/contemporary and other various types of dances.

HS1206

## Team Sports A

*Credit Type: Physical Education*

This course is designed to enhance personal and social skills in the context of team sports. Students will learn skill development, class organizational principles, and competition strategies as well as rules, etiquette and history associated with team sports such as basketball, volleyball, soccer, softball, team handball and flag football. Teamwork, sportsmanship and safety are emphasized. Students will be tested on rules and skill acquisition as well as daily participation and the ability to work with other students on a team. Team sports A and B may be taken in any order.

HS1207

## Team Sports B

*Credit Type: Physical Education*

This course, the second in the team sports series, is designed to enhance personal and social skills in the context of team sports. Students will learn skill development, class organizational principles, and competition strategies, as well as rules, etiquette and history associated with team sports such as basketball, volleyball, soccer, softball, team handball and flag football. Teamwork, sportsmanship and safety are emphasized. Students are tested on rules, and skill acquisition as well as daily participation and the ability to work with other students on a team. Team Sports A and B may be taken in any order.

HS1252

## Outdoor Education

*Credit Type: Elective*

The general purpose of this course is to provide an introduction and promotion of several different outdoor recreational activities by developing an understanding of terminology, history, conservation practices, lifelong skills, and safety considerations associated with those activities. The content of this course will include fishing, hunter education, orienteering, camping, backpacking, hiking, national parks, rock climbing, outdoor cooking, water safety/boating skills, geocaching and conservation and preservation of natural resources. This course is geared towards the individual that enjoys the outdoors and participation in activities that do not require an increase in physical activity.

BS1237

## Water Safety Instruction (WSI)

*Credit Type: Physical Education*

*Fees: Between \$125 and \$200 if Completing Red Cross WSI Certification*

*Location: Blue Springs High School Only*

*Prerequisite: Advanced Swimming or Test Out the First Day of Class*

*Recommended: This Student Must Be Able to Swim 500 Yards Continuously*

WSI swimming is an introduction to teaching swimming and water safety. The fundamental skills of swimming include several strokes and safety skills that will be the focus. The students will teach our district second graders swimming lessons for 4 days per week, one hour each day. The students will learn the proper mechanics of the strokes and be able to teach those mechanics to other students. The students will receive the Red Cross WSI certification if they choose to complete the requirements at the end of the semester. Students will receive A+ credit for participating in this class.

HS1219H

## Personal Health

*Credit Type:* Health  
*Dual Credit:* 2 College Hours – Missouri State University (MSU): KIN 257 Personal Health  
*Fees:* ~\$140 Will be Billed/Paid Through the Cooperating College Business Office

In this course, students will discuss and examine personal health issues including factors that contribute to development and maintenance of health for the individual living in a contemporary, automated society. Course topics will include substance abuse, stress and mental health, dying and death, environmental health, cancer, nutrition and disease, communicable diseases, STDs/AIDS, exercise, weight control, cardiovascular disease, aging, and personal safety. Students can earn two (2) hours of dual credit through MSU if they meet the college's criteria.

## FITNESS

HS1208

### Cardio Fitness

*Credit Type:* Physical Education  
*Location:* Blue Springs High School Only

This class will be conducted using cardio equipment (spin bikes, row machines, treadmills). Students will be introduced to the theory and practice of training for cardiovascular fitness using low impact equipment. Individual plans will be created to help each student improve their fitness. Fundamentals of exercise physiology, biomechanics and personal fitness

HS1217

### Fitness & Wellness for Life

*Credit Type:* Physical Education

This course is the first in a series of fitness and wellness courses. This course emphasizes total body fitness and focuses on the basics of aerobic activity, flexibility and resistance training. Lecture and lab activities include cardiorespiratory endurance, muscular strength and endurance and safe and sound activity principles. Students participate in various low-impact resistance exercises such as aerobics, yoga, meditation, jogging, and weight training. While participating in these activities, students will learn about related elements from anatomy, biomechanics and exercise physiology. The fitness and wellness classes differ from the weight-training classes in emphasis. These classes will focus on cardiovascular fitness, muscular endurance and flexibility.

HS1226

### Advanced Fitness

*Credit Type:* Physical Education  
*Prerequisite:* Teacher Approval

This course is the apex course in the series of fitness and wellness courses. It emphasizes total body fitness and expands on the basics of aerobic activity, flexibility and resistance training. Lecture and lab activities include cardiorespiratory endurance, muscular strength and endurance, and safe and sound activity principles. Students participate in various low-impact resistance exercises such as aerobics, yoga, meditation, jogging and weight training. While participating in these activities, students learn about related elements from anatomy, biomechanics and exercise physiology. This class requires an expansive fitness base and is much more rigorous than the introductory course or intermediate courses. This course is geared to the student who is training for specific goals and who sees fitness as an important part of their everyday routine. Students in this class will have individual

training plans made to fit their specific needs and training requirements. The fitness and wellness classes differ from the weight training classes in emphasis. These classes focus on cardiovascular fitness, muscular endurance and flexibility.

HS1224

## Intermediate Fitness

*Credit Type: Physical Education*

This course is the second in a series of fitness and wellness courses. It offers total body fitness and expands on teaching the basics of aerobic activity, flexibility and resistance training. Lecture and lab activities include cardiorespiratory endurance, muscular strength and endurance, and safe and sound activity principles. Students participate in various low-impact resistance exercises such as aerobics, yoga, meditation, jogging, and weight training. While participating in these activities, students learn about related elements from anatomy, biomechanics and exercise physiology. This class requires a sound fitness base and is much more rigorous than the introductory course. The fitness and wellness classes differ greatly from the weight training classes in terms of emphasis. These classes will be focused on cardiovascular fitness, muscular endurance and flexibility.

HS1227

## Speed/Power & Conditioning

*Credit Type: Physical Education*

*Prerequisite: Teacher Approval*

This course is meant to serve as a bridge between the advanced courses in Weight Training and Fitness. Speed, Power and Conditioning is an extremely high intensity course designed to meet the needs of highly motivated students. This class requires participation in plyometrics, circuit training, form drills, interval training and flexibility training five days per week at an extremely high intensity. Students should expect to work extremely hard and see significant increases in speed and power. Students in this class will build on the fundamental knowledge and physiological advances that they acquired in the Intermediate Weight Training Class and or the Intermediate fitness class. This course will involve the participation in a strength and speed program that involves a much higher intensity and more complex movements than either intermediate or introduction classes. Elements from the field of anatomy, biomechanics, exercise physiology and appropriate safety skills will be expanded on and explored in more depth. This course is geared to the student that is training for specific goals and who sees fitness as an important part of their everyday routine. Students in this class will have individual training plans made to fit their specific needs and training requirements.

## SWIMMING

HS1230

### Beginning Swimming

*Credit Type: Physical Education*

Beginning swimming is an introduction to swimming skills, fitness, water safety, and games. The fundamental skills of swimming include several strokes and safety skills as well as fitness in the water. Fun, free time and games will be taught with safety being the primary concern. This course requires daily dress out and participation.

HS1234

### Advanced Swimming

*Credit Type: Physical Education*

*Prerequisite: Instructor Permission*

Advanced swimming is an upper level course in swimming, fitness, water safety, and games. The fundamental skills of swimming include several strokes and safety skills as well as fitness in the water. Fun, free time and games will be taught with safety being the primary concern. This course requires daily dress out and participation.

HS1232

### Intermediate Swimming

*Credit Type: Physical Education*

*Prerequisite: Student Must Have the Ability to Swim 50 Yards Freestyle or Backstroke and/or Teacher Approval*

Intermediate swimming builds on the beginning swimming class and focuses on swimming skills, fitness, water safety, and games. The fundamental skills of swimming include several strokes and safety skills as well as fitness in the water. Fun, free time and games will be taught with safety being the primary concern. This course requires daily dress out and participation.

## **WALKING**

HS1209

### **Fitness Walking I**

*Credit Type: Physical Education*

The purpose of this class is to assist the student in the improvement of their cardiovascular fitness through walking. This course also seeks to increase the student's knowledge of training methods so that they may develop their own programs. There will be an emphasis is on stretching, conditioning exercises, fluid needs, and injury prevention. Upon completion, students should be able to participate in a recreational walking program. Student progress will be monitored and analyzed throughout the course. Students will be required to keep a walking log and submit it weekly to the instructor. Heart rate, total steps and intensity will be recorded. There will be written midterm and final which will cover fitness and wellness principles associated with this course.

HS1211

### **Fitness Walking II**

*Credit Type: Physical Education*

This is the second class in the fitness walking series. Its purpose is to continue the student's progress in terms of their cardiovascular fitness through continuation of the walking program. The course also seeks to further increase the student's knowledge of training methods so that they may continue to develop their own fitness programs. The emphasis is on stretching, conditioning exercises, fluid needs, and injury prevention. Student progress will be monitored and analyzed throughout the course. Students will be required to keep a walking log and submit it weekly to the instructor. Heart rate, total steps and intensity will be recorded. There will be written midterm and final, which will cover fitness and wellness principles.

## **WEIGHT TRAINING**

HS1213

### **Intermediate Weight Training**

*Credit Type: Physical Education*

*Prerequisite: HS1205 or Teacher Approval*

This course is the second in a series of weight training courses. Students in this class will build on the fundamental knowledge and physiological advances that they acquired in the Introductory Weight Training Class. This course will involve participation in a strength program that involves a much higher intensity and more complex movements. Elements from the field of anatomy, biomechanics, exercise physiology, and appropriate safety skills will be expanded on and explored in depth; the strength training will be designed to fit the individual needs of each student. It is a mid-high impact course that will focus on helping students train for specific activities through strength training. The class will use a variety of training methods, including stability and medicine ball training, resistance bands, and free weights. The class targets students who are active and athletic. Students should have taken HS1205 or have a teacher's signature to enroll in this class.

HS1205

### **Intro to Theory & Practice of Weight Training**

*Credit Type: Physical Education*

The beginning weightlifting course is designed to provide each student with the knowledge needed to understand the importance of strength and fitness training. Students will participate daily in a strength and conditioning program. While participating in this resistance training program, students will learn about related elements of anatomy, biomechanics, exercise physiology and appropriate safety skills. Students will have the opportunity to learn the importance of setting goals for personal improvement and achievement and will leave the class with an understanding of how to integrate resistance training, flexibility and plyometric principles in their personal health and fitness routine. This course may be repeated for additional elective credit with counseling permission (to ensure Health is completed).

## Advanced Weight Training

*Credit Type:* Physical Education  
*Prerequisite:* Teacher Approval

This course is the apex offering in the weight training continuum. Advanced Weight Training is an extremely high-intensity course designed to meet the needs of highly motivated students. This class requires lifting weights four days per week at an extremely high intensity. Other fitness-related activities will be incorporated once per week. Students should expect to work extremely hard and see significant increases in strength and power. Students in this class will build on the fundamental knowledge and physiological advances that they acquired in the Intermediate Weight Training Class. This course will involve participation in a strength program that involves a much higher intensity and more complex movements than either intermediate or introduction classes. Elements from the field of anatomy, biomechanics, exercise physiology and appropriate safety skills will be expanded on and explored in more depth. This course may be repeated for additional elective credit.

HS1227

## Speed/Power & Conditioning

*Credit Type:* Physical Education  
*Prerequisite:* Teacher Approval

This course serves as a bridge between the advanced courses in Weight Training and Fitness. Speed, Power and Conditioning is an extremely high-intensity course designed to meet the needs of highly motivated students. This class requires participation in plyometrics, circuit training, form drills, interval training, and flexibility training five days per week at an extremely high intensity. Students should expect to work extremely hard and see significant increases in speed and power. Students in this class will build on the fundamental knowledge and physiological advances that they acquired in the Intermediate Weight Training Class and/or the Intermediate Fitness Class. This course will involve participation in a strength and speed program that involves a much higher intensity and more complex movements than either intermediate or introduction classes. Elements from the field of anatomy, biomechanics, exercise physiology and appropriate safety skills will be expanded on and explored in more depth. This course is geared to the student who is training for specific goals and who sees fitness as an important part of their everyday routine. Students in this class will have individual training plans made to fit their specific needs and training requirements.

## WEIGHT TRAINING

HS1221

### Yoga Principles & Practice I

*Credit Type:* Physical Education

This course promotes life-long physical activity and develops an understanding of the benefits of being healthy. In this class, we will utilize yoga practices to become more physically, mentally, energetically, and emotionally fit and will present techniques in yoga. "Yoga" means union and refers to the union of the body, mind, and breath. The emphasis in this class will be poses and postures designed to develop flexibility, muscular strength, and muscular endurance. Emphasis will be placed on correct alignment and safe practice. Yoga students will learn concepts of physical fitness, identify stress reduction techniques, gain an increased ability to concentrate, and develop a Personal Fitness Plan to support a lifetime of fitness.

HS1225

### Yoga Principles & Practice II

*Credit Type:* Physical Education  
*Prerequisite:* Completion of Yoga Principles & Practice I and/or Teacher Approval

This class is the second in the Yoga Principles and Practice series. The purpose is to promote life-long physical activity and to develop an understanding of the benefits of being healthy. The class will emphasize yoga practices to become more physically, mentally, energetically, and emotionally fit. The emphasis will be poses and postures designed to develop flexibility, muscular strength, and muscular endurance. Students will learn concepts of physical fitness, identify stress reduction techniques, gain an increased ability to concentrate, and develop a Personal Fitness Plan to support a lifetime of fitness.

# Reserve Officer Training Corps (ROTC)

The 4-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. Physical fitness activities will be performed during some class periods. 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.

HS1550

## Aerospace Science 100

*Credit Type: Elective*

*Fees: Uniforms are Free of Charge, but Cleaning Fee May Be Assessed if Not Turned in Clean*

This is the recommended first AS course for all new cadets. It is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. The 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. It is interspersed with concise overviews of the principles of flight to include basic aeronautics, aircraft motion and control, flight power, and rockets. 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, individual self-control, and citizenship. This course is offered at Blue Springs High School Freshman year only.

HS1552

## Aerospace Science 200

*Credit Type: Elective/3<sup>rd</sup> Science*

*Fees: Uniforms are Free of Charge, but Cleaning Fee May Be Assessed if Not Turned in Clean*

Students will gain an in-depth understanding of meteorology and its effects on the aerospace environment. The aerospace environment will be studied with an emphasis on its effects on humans and the requirements for human flight. The basic aerodynamic principles of flight will be explained as well as their effect on powered flight within the earth's atmosphere. Students will 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 Science 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. This may be counted for the 3<sup>rd</sup> year Science requirement.

HS1554

## Aerospace Science 300/Personal Finance

*Credit Type: Elective/Personal Finance*

*Fees: Uniforms are Free of Charge, but Cleaning Fee May Be Assessed if Not Turned in Clean*

*Prerequisite: Aerospace Science 200 approval of the Senior Aerospace Science instructor*

Students will learn about the space environment to include 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. They are also provided information to begin the job search, to include resume 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 also reviewed. This class meets the graduation requirements for Personal Finance.

HS1558

## Aerospace Science

*Credit Type:* Elective

*Fees:* Uniforms are Free of Charge, but Cleaning Fee May Be Assessed if Not Turned in Clean

*Prerequisite:* Aerospace Science 200, 300, and the Approval of the Senior Aerospace Science Instructor

The cadets manage the entire corps during their fourth year in the Air Force Junior ROTC program. This hands-on experience affords the cadets the opportunity to put the theories of previous leadership courses into practice. All the planning, organizing, coordinating, directing, controlling and decision-making will be done by the cadets. They will put into practice their communication, decision-making, personal-interaction, managerial, and organizational skills.

HS1556

## Aerospace Science 500

*Credit Type:* Elective

*Dual Credit:* 4 College Hours – University Central Missouri (UCM): AVIA 1310 FAA Private Requirements

*Fees:* ~\$350 for Dual Credit Will Be Billed/Paid Through the Cooperating College Business Office  
Uniforms are Free of Charge, but Cleaning Fee May Be Assessed if Not Turned in Clean

*Location:* Blue Springs High School Only

*Prerequisite:* Aerospace Science 200 & 300 or 300 & 500 Concurrently, Approval of the Senior Aerospace Science Instructor/UCM Requirements

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. One (1) additional honor point will be earned for each semester successfully completed. Four (4) hours of dual credit through UCM if college's criteria are met.

# Science

All students are required to complete 3 units of science: Biology 1 or Pre-AP Biology, 1 physical science course and a 3rd science credit. Sophomores are strongly encouraged to take Chemistry, Pre-AP Chemistry, Physics or Foundations of Physics and Chemistry.

HS0416

## Biology I

*Credit Type:* Science

This course provides a foundation for students to make good decisions related to health, occupation, and future education. Course topics include biochemistry, cellular processes, genetics, energy interactions, biodiversity, and ecology, culminating with a small mammal dissection. Multiple lab activities within each unit of study require students to apply course content to solve problems and communicate claims supported by evidence and reasoning. At the end of this course, students will take the state-required end-of-course exam.

HS0428

## Foundations of Physics & Chemistry

*Credit Type:* Science

This course provides a solid science foundation with chemistry and physics topics. Students will perform experiments, make predictions, collect and analyze data, and formulate conclusions. Course topics include force and motion, atomic structure, chemical reactions, types of matter, compounds, elements, periodic table, and acids. This satisfies the Physical Science graduation requirement. Ninth (9th) grade students may only take this course with administrative placement.

## Pre-AP Biology

*Credit Type:* Science  
*Prerequisite:* Successful Completion or Concurrent Enrollment in Algebra I

This course is for students who plan to take advanced science courses later in high school. This rapidly-paced class will provide exposure to the same topics covered in Biology I, but with increased depth and breadth of coverage. Lab activities require advanced application of content and more independent inquiry. Topics include biochemistry, cellular processes, genetics, energy interactions, biodiversity, and ecology, culminating with a small mammal dissection. One (1) honor point will be earned at the end of the year for the successful completion of this full-year course. At the end of this course, students will take the state-required end-of-course exam.

HS0426

## AP Biology

*Credit Type:* Science  
*Fees:* AP Examination Fee ~\$95  
*Prerequisite:* Biology I or Pre-AP Biology  
*Recommended:* Algebra I

This course is the equivalent of 2 semesters of college biology for science majors. It will focus on four big ideas: Evolution, Energetics, Information Storage and Transfer, and Systems Interactions. 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. One (1) honor point will be earned for each semester successfully completed. 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.

HS0439

## Astronomy & Meteorology

*Credit Type:* Science  
*Prerequisite:* Biology I or Pre-AP Biology

Astronomy / Meteorology is a semester course designed to help students better understand the forces of the atmosphere and universe. The goal of this course is to provide students with scientific principles, concepts, and methodologies required to understand structure, composition, and the physical basis of the atmosphere and the universe. Topics covered during the semester will include: forecasting weather, understanding climate, properties of the Earth-Moon-Sun system, principles of the solar system, stellar evolution, galaxy structures, and the cosmological model for the universe.

HS0434

## Chemistry I

*Credit Type:* Science  
*Prerequisite:* Geometry or Concurrent Enrollment

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, and molecular structure.

HS0445

## CSI-Conducting Science Investigations

*Credit Type:* Science  
*Prerequisite:* Biology I or Pre-AP Biology

This is a laboratory-based course in which students explore topics in biology, chemistry, and physics as they pertain to the criminal justice system through inquiry and active investigations. Students will be immersed into current, relevant topics through

hands-on experiences. Working in a laboratory environment, students will utilize the scientific method, along with modern forensic techniques, to address various legal situations.

HS0440

## Earth Science

*Credit Type:* Science  
*Prerequisite:* Biology I or Pre-AP Biology  
*Recommended:* Algebra I

Earth Science is a semester course detailing the forces that shape the Earth system. The goal of this course is to provide students with scientific principles, concepts, and methodologies required to understand the past, present, and future behavior of the Earth system. During the semester, phenomena such as plate tectonics, mountain formation, volcanoes, and earthquakes will be explored. Earth Science will also provide a window to the past through geologic time.

HS0444

## Environmental Science

*Credit Type:* Science  
*Prerequisite:* Biology I or Pre-AP Biology

This is a semester class that examines your surroundings. We will also study how human activities both positively and negatively affect those surroundings. Science is and should be a hands-on experiment. This class will focus on the hands-on experiences through experiments, activities, and research. You will leave this class with an understanding and appreciation of the environment. Group assignments, presentations, research, and assessment projects will help develop study skills that can be used in the future.

HS0454

## Microbiology

*Credit Type:* Science  
*Prerequisite:* Biology I or Pre-AP Biology

Microbiology is designed as a laboratory and project-based course to challenge students with activities, experiments, critical thinking, and problem solving. Topics include bacteria, viruses, epidemiology, and laboratory techniques. Assessments will include lab reports, accuracy of laboratory techniques, and real-world application projects.

HS0450

## Physics

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*Credit Type:* Science  
*Prerequisite:* Geometry or Concurrent Enrollment

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.

HS0436S1 & HS0437S2

## Pre-AP Chemistry

*Credit Type:* Science  
*Prerequisite:* Geometry or Concurrent Enrollment  
*Recommended:* Grade of B or Above in Algebra I

This course is for students who plan to take AP Chemistry or Dual Credit Chemistry. This rapidly paced class will cover materials that prepares students for advanced science courses. Examples of topics covered include; measurements & conversions, classifying matter, nomenclature, bonding, reactions, stoichiometry (chemical quantities), gases, solutions, thermochemistry, and acids/bases. One (1) honor point will be earned for the successful completion of this full-year course at the end of the year.

## AP Chemistry

*Credit Type:* Science  
*Fees:* AP Examination Fee ~\$95  
*Prerequisite:* Chemistry I or Pre-AP Chemistry  
*Recommended:* Grade A in Prerequisite Course and B or Above in Algebra II

This course is intended for students who are pursuing a career in a STEM field. AP Chemistry covers the content of two semesters of college chemistry. Topics covered in this course include chemical reactions, redox equations, stoichiometry, thermochemistry, equilibriums, kinetics, and electrochemistry. Lab experiences are an essential component of the expectations of this course. This course is designed to prepare a student for the AP exam in chemistry in May. All students are expected to take the AP exam and pay the examination fee; college credit can be earned by achieving an acceptable score. Students enrolling in AP Chemistry are not eligible to enroll in Dual Credit Chemistry for additional high school credit. One (1) honor point will be earned for each semester successfully completed.

HS0447

## AP Environmental Science

*Credit Type:* Science  
*Fees:* AP Examination Fee ~\$95  
*Prerequisite:* Biology I or Pre-AP Biology  
*Recommended:* Grade of B or Above in Prerequisite Course, and a B in Algebra I

The AP Environmental Science course is a full year course designed to be the equivalent of the introductory college course in environmental science. The goal of this course is to provide students with scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. One (1) honor point will be earned for each semester successfully completed.

HS0452

## AP Physics I

*Credit Type:* Science  
*Fees:* AP Examination Fee ~\$95  
*Prerequisite:* Completion of Geometry and Current Enrollment of Algebra II or Completion  
*Recommended:* Grade of B or Above in Algebra II and/or Physics

This is a college level algebra-based first-year physics course. Students should have completed Geometry and be concurrently taking Algebra II, or an equivalent course. Examples of topical areas discussed and experimented with are kinematics, dynamics, gravity, harmonic motion, impulse, energy, rotational motion, waves, and electric charge & circuits. Laboratory experience will account for at least 25% of the course. This course is designed to prepare a student for the AP Physics 1 exam in May. One (1) honor point will be earned for each semester successfully completed. 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.

HS0430

## AP Physics C: Mechanics

*Credit Type:* Science  
*Fees:* AP Examination Fee ~\$95  
*Prerequisite:* AP Physics I AND/OR concurrent enrollment in College Calculus or AP Calculus BC  
*Recommended:* Without AP Physics I, it is strongly recommended that students be concurrently enrolled in College Calculus or AP Calculus BC

This is a college level calculus-based physics course especially appropriate for students planning to specialize or major in physical science or engineering. Students should have completed or be concurrently taking calculus, or an equivalent course. Examples of

topical areas discussed and experimented with are kinematics, Newton's laws of motion, work, energy and power, systems of particles and linear momentum, circular motion and rotation, and oscillations and gravitation. Laboratory experience will account for at least 20% of the course. This course is designed to prepare a student for the AP Physics C: Mechanics exam in May. One (1) honor point will be earned for each semester successfully completed. 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.

HS0455H

## Dual Credit Anatomy & Physiology

*Credit Type:* Science  
*Dual Credit:* 4 College Hours – Cleveland University-Kansas City (CUKC): BIOL 250 Anatomy & Physiology I w/Lab  
*Fees:* ~\$200 Will be Billed/Paid Through the Cooperating College Business Office  
*Prerequisite:* Biology I or Pre-AP Biology  
*Recommended:* Completed Chemistry 1 or Pre-AP Chemistry and Grade of B or Above in Prerequisite Course

This course is for students interested in health-related careers. Anatomy & Physiology focuses on structure and function of the human body. The course includes study of human tissues and progresses to the study of organ systems. Students will have the opportunity to learn through microscopy, observations, and laboratory experiences including a dissection of a small mammal. Students who meet prerequisites may earn four (4) hours of college credit (three (3) credits for BIOL 250 and one (1) credit for BIOL 250L) for the year if they meet the CUKC course requirements outlined in the instructor's syllabus and the university catalog. A CUKC fee is required if this course is taken for college credit. CUKC will bill at reduced rates. One (1) honor point will be earned for each semester successfully completed.

HS0429

## Dual Credit Biology

*Credit Type:* Science  
*Dual Credit:* 4 Hours University - Missouri-Kansas City (UMKC): BIO 102 Biology & BIO 102L Biology & Living Laboratory  
*Fees:* ~\$375 will be Billed and Paid through the Cooperating College Business Office  
*MOTransfer:* MOTR BIOL 100  
*Prerequisite:* UMKC Dual Credit Requirements and Completed Biology I or Pre-AP Biology  
*Recommended:* Grade of B or Above in Prerequisite Biology Course and Completed Chemistry I or Pre-AP Chemistry For non-biology majors only. Does not count toward biology degree.

This course is for students not planning to pursue a degree in biology. Dual Credit Biology covers one semester of college biology over a full school year. The following topics will be studied; scientific methods, fundamental biochemical principles, cell structure and function, gene and inheritance theory, evolution, and ecology. Students who meet UMKC course prerequisites may earn four (4) hours of college credit (three (3) credits for Bio102 and one (1) credit for Bio102L) for the year if they meet UMKC course requirements, outlined in the instructor's syllabus and the university catalog. A UMKC fee is required if this course is taken for college credit. Grades are recorded on the student's UM system transcript. UMKC will direct bill at reduced rates. Students enrolling in AP Biology are not eligible to enroll in Dual Credit Biology for additional high school credit. One (1) honor point will be earned for each semester successfully completed.

HS0451

## Dual Credit Chemistry

*Credit Type:* Science  
*Dual Credit:* 5 College Hours – University of Missouri-Kansas City (UMKC): CHEM211 Elements of Chemistry I, CHEM 211L Elements of Elementary, Laboratory I  
*Fees:* ~\$470 will be Billed and Paid through the Cooperating College Business Office  
*MOTransfer:* MOTR CHEM 150L  
*Prerequisite:* UMKC Dual Credit Requirements

This course is intended for students who are pursuing a career in a STEM field. Dual Credit Chemistry covers one semester of college chemistry for science majors over a full school year. Topics include measurements & conversions, classifying matter, nomenclature, bonding, reactions, stoichiometry (chemical quantities), gases, Quantum Theory, and thermochemistry. Students should successfully complete Chemistry I or Pre-AP Chemistry and Algebra 1 prior to this course and complete or be concurrently

enrolled in Algebra II. Enrollment is through UMKC; students may earn five (5) hours of college credit (four (4) credits for CHEM 211 and one (1) credit for CHEM 211L) through UMKC if they meet prerequisites and successfully complete the UMKC course requirements outlined in the instructor's syllabus and the university catalog. The UMKC fee is required to earn the dual credit. One (1) honor point will be earned for each semester successfully completed. Students enrolling in AP Chemistry are not eligible to enroll in Dual Credit Chemistry for additional high school credit. Grades are recorded on the student's UMKC system transcript. UMKC will direct bill at reduced rates.

HS0441H

## Dual Credit Principles of Chemistry

*Credit Type:* Science  
*Dual Credit:* 5 College Hours\* – Missouri State University (MSU): CHM 116 Fundamentals of Chemistry and CHM 117 Lab  
*Fees:* ~\$360 will be Billed and Paid through the Cooperating College Business Office  
*MOTR Transfer:* MOTR CHEM 100 and MOTR CHEM 100L  
*Prerequisite:* Chemistry I or Pre-AP Chemistry  
*Recommended:* Grade of B or Above 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 or the DC Chemistry class (UMKC Chem 211). This class is for students who are interested in nursing or just enjoyed chemistry and need a science credit for their major. Topics to be explored include stoichiometry, chemical reactions, gas laws, thermochemistry, atomic structure, and organic chemistry. One (1) honor point will be earned for each semester successfully completed. Five (5) hours of dual credit are also available through MSU if college's criteria are met.

*\*May only transfer as 4 credits to other universities*

HS0442H

## Dual Credit Genetics

*Credit Type:* Science/Elective  
*Dual Credit:* 3 College Hours – Cleveland University-Kansas City (CUKC): BIOL 340 Genetics  
*Fees:* ~\$200 Will be Billed/Paid Through the Cooperating College Business Office  
*Prerequisite:* AP Biology with Score of 3 or Better  
*Recommended:* Completed Chemistry 1 or Pre-AP Chemistry and Grade of B or Above in Prerequisite Course

This course presents detailed genetic concepts focusing on Mendelian, molecular and population genetics, with an emphasis on inheritable human diseases. One (1) honor point will be earned for successful completion of this semester. Three (3) hours of dual credit are also available through CUKC if college's criteria are met.

HS8100H

## Pharmacy Technician

*Credit Type:* Science/Elective  
*Dual Credit:* 2 College Hours – Metropolitan Community College (MCC): BIOL 150 Medical Terminology

In this two (2) hour, one (1) semester course students in this program will have an opportunity to earn a Pharmacy Technician certificate and a WorkKeys certificate in one semester while earning high school credit. A pharmacy technician assists pharmacists in preparing and dispensing medication in retail and hospital pharmacies and collect patient information for prescriptions and billing. One (1) honor point will be earned for each semester successfully completed. Two (2) hours of dual credit are also available through UMKC if college's criteria are met.

# Social Studies

All students are required to complete 3 units of social studies: 1 unit American Government, 1 unit World History, and 1 unit United States History.

HS0206

## American Government

*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 identify and explain how fundamental principles and ideas of our government have been interpreted differently and changed over time. Students will learn the necessary skills to present reasons and evidence clearly and persuasively and interpret quotes, graphs, and political cartoons. Students will take the U.S. Constitution Test and U.S. Citizenship Test first semester. Passage of these two tests is required to earn semester one credit (0.5). Additionally, students will take the Missouri Constitution Test second semester. Passage of this test is required to earn semester two credit (0.5). Passage of all three tests is required to meet graduation requirements, and to fulfill state law. Students will also take the Government End-of-Course exam second semester.

HS0207

## American Government & Political Analysis

*Credit Type: Social Studies*

*Recommended: Grade of A in 8<sup>th</sup> Grade English & Social Studies*

This advanced course focuses on the U.S. Constitution, the three branches of government, the electoral process, flag etiquette, and relationships between the federal, state and local governments. Students will identify and explain how fundamental principles and ideas of our government have been interpreted differently and changed over time. Students will learn the necessary skills to participate in analytical conversations regarding democratic processes, use an inquiry approach to persuasively support claims based on reason and evidence and interpret quotes, graphs, and political cartoons. Students will take the U.S. Constitution Test and U.S. Citizenship Test first semester. Passage of these two tests is required to earn semester one credit (0.5). Additionally, students will take the Missouri Constitution Test second semester. Passage of this test is required to earn semester two credit (0.5). Passage of all three tests is required to meet graduation requirements, and to fulfill state law. Students will also take the Government End-of-Course exam second semester. This course will help prepare students for AP Government.

HS0238

## AP European History

*Credit Type: Social Studies*

*Fees: AP Examination Fee ~\$95*

*Recommended: Most Recent History Teacher Recommendation*

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. One (1) honor point will be earned for each semester successfully completed. This course fulfills the 10th grade World History requirement. All students are expected to take the AP exam and pay the examination fee.

HS0251

## Civil War

*Credit Type: Elective*

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

*Credit Type:* Elective

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.

HS0209H

## Dual Credit World History

*Credit Type:* Social Studies

*Dual Credit:* 3 College Hours – University of Missouri-Kansas City (UMKC): HIST 208 World History II

*Fees:* ~\$280 Will be Billed/Paid Through the Cooperating College Business Office

*Prerequisites:* UMKC Dual Credit Requirements

This course surveys the social, economic, and political history of the world from 1450 to the present. All course materials are written using a college-level vocabulary. One (1) honor point will be earned for each semester successfully completed. The UMKC fee is required to earn 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 Dual Credit World History can fulfill the World History graduation requirement. Students enrolled in Dual Credit World History are not eligible to enroll in AP European History for additional high school credit. Three (3) hours of dual credit are also available through UMKC if college's criteria are met.

HS0236

## World History

*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.

HS0220

## African American Studies

*Credit Type:* Elective

This course examines the history and culture of Africa and the African American experience in an interdisciplinary format. This includes an analysis of the unique historical, cultural, and social developments from the Middle Passage to the present day. The course will include literacy and artistic contributions of African Americans to American culture.

HS0286

## American History 101

*Credit Type:* Social Studies

*Dual Credit:* 3 College Hours – University of Missouri-Kansas City (UMKC): HIST 101 US History to 1877

*Fees:* ~\$280 Will be Billed/Paid Through the Cooperating College Business Office

*MOTransfer:* MOTR HIST 101

*Prerequisites:* UMKC Dual Credit Requirements

This is a chronological review of American history (Exploration through Reconstruction). All course materials are written using a college-level vocabulary. Students will be expected to read 20-30 pages of material per week. One (1) honor point will be earned for successful completion of this class. 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



AP U.S. History for additional high school credit. Three (3) hours of dual credit are also available through UMKC if college's criteria are met.

HS0287

## American History 102

*Credit Type:* Social Studies  
*Dual Credit:* 3 College Hours – University of Missouri-Kansas City (UMKC): HIST 102 US History Since 1877  
*Fees:* ~\$280 Will be Billed/Paid Through the Cooperating College Business Office  
*MOTransfer:* MOTR HIST 102  
*Prerequisites:* UMKC Dual Credit Requirements

This is a chronological review of American history (Gilded Age through the 1970s). All course materials are written using a college-level vocabulary. Students will be expected to read 20-30 pages of material per week. One (1) honor point will be earned for successful completion of this class. Three (3) hours of dual credit are available through UMKC. 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. Three (3) hours of dual credit are also available through UMKC if college's criteria are met.

HS0208

## AP American Government

*Credit Type:* Social Studies  
*Fees:* AP Examination Fee ~\$95  
*Recommended:* Most Recent History Teacher Recommendation

This course focuses on the political processes and interaction between the three branches of government, political parties, interest groups, the media, and the states to create national policy. The purpose of this course is to prepare students for the National AP Government Exam in May. Students will be expected to read 20 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. One (1) honor point will be earned for each semester successfully completed. All students are expected to take the AP exam and pay the examination fee.

HS0266

## AP United States History

*Credit Type:* Social Studies  
*Fees:* AP Examination Fee ~\$95  
*Recommended:* Most Recent History Teacher Recommendation

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 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. One (1) honor point will be earned for each semester successfully completed. Students who successfully complete this course can fulfill the 11th 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.

HS0271

## Economics

*Credit Type:* Elective

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

*Credit Type: Elective*

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.

HS0263

## Sociology I

*Credit Type: Elective*

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.

HS0290

## Sociology II

*Credit Type: Elective*  
*Prerequisites: Sociology I*

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.

HS0205

## United States History

*Credit Type: Elective*

This is a survey of US history from Manifest Destiny to contemporary events – emphasis on post-reconstruction events. Goals are to instill appreciation of US democracy, understanding of US constitutional, political, economic, and social developments and 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.

HS0258

## World Religions

*Credit Type: Elective*

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.

HS0252

## World War II

*Credit Type: Elective*

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

## AP Psychology

*Credit Type:* Elective  
*Fees:* AP Examination Fee ~\$95

This course covers various parts of the study of human behavior, including the brain and behavior, altered states of consciousness, stress, memory, psychological disorders and many other topics. This course is primarily a lecture/discussion course. One (1) honor point will be earned for each semester successfully completed. All students are expected to take AP Psychology Exam and pay the examination fee.

## Psychology

*Credit Type:* Elective

This course is a general study of Psychology, including an introduction to personality, stress, behavior and psychological disorders. Students will be expected to participate in in-class discussions, activities and projects.

# Speech/Debate/Theatre

## Beginning Forensics Beginning Forensics

*Credit Type:* Fine Art  
*Fees:* Competitions (Amounts Vary)

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 0.5 unit of Fine Arts credit for graduation. Students are required to dress professionally for competitions. In addition, students may have some expenses for their competitions (copies, evidence, boxes, etc.)

## Debate I

*Credit Type:* Elective  
*Fees:* Competitions (Amounts Vary)  
*Recommended:* GPA of 2.0 or Better is Recommended

Debate is designed to teach introductory level skills in argumentation, persuasion, speech, logic, research, analysis, organization, speech and debate formats and rules, in addition to a wide array of content knowledge covering areas of policy and philosophical studies and current events. Because debate is a co-curricular activity, participation in weekend tournaments is required-both competing on behalf of Blue Springs School District and assisting in hosting Blue Springs School District's annual invitational tournament during the second weekend of October. Students are required to dress professionally for competitions. In addition, students may have some expenses for their competitions. Interested students should immediately seek out their counselor for assistance in applying to the program. **Special Note:** The Blue Springs School District Debate teams are a four-year competitive program offering students the potential to earn up to nine (9) hours of college credit through the Missouri State University Dual Credit Program. In addition, students may earn up to three (3) years of honor points toward their high GPA (i.e., Debate II/College Speech and Advanced Debate/College Debate are weighted courses).

## Introduction to the Fine Arts

*Recommended:* 9<sup>th</sup> and 10<sup>th</sup> Grade Students  
*Credit Type:* Fine Art

Students will survey the Principles and Elements of Visual Art, Theatre, and Vocal Music. This course will be comprised of three 6-week rotations between the Fine Arts disciplines. Students will understand the building blocks of each discipline and how they relate to one another.

HS0522

## Introduction to Theatre

*Credit Type: Fine Art*

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 a 0.5 unit of Fine Arts credit for graduation.

HS0511  
HS0511

## Debate II/College Speech

*Credit Type: Elective*

*Dual Credit: 3 College Hours – Missouri State University (MSU): COM 115 Fundamentals of Public Speaking*

*Fees: ~\$210 Will be Billed/Paid Through the Cooperating College Business Office*

*Prerequisite: Debate I*

Debate II/College Speech is designed to teach intermediate level skills in argumentation, persuasion, speech, logic, research, analysis, organization, speech and debate formats and rules, in addition to a wide array of content knowledge covering areas of policy and philosophical studies and current events. One (1) honor point will be earned for each semester successfully completed. Because debate is a co-curricular activity, participation in weekend tournaments is required-both competing on behalf of Blue Springs School District and assisting in hosting Blue Springs School District's annual invitational tournament during the second weekend of October. Students are required to dress professionally for competitions. In addition, students may have some expenses for their competitions. Students taking this course have the option to enroll in dual credit. Interested students should immediately seek out their counselor for assistance in applying to the program. **Special Note:** The Blue Springs School District Debate program is a four-year competitive program offering students the potential to earn up to nine (9) hours of college credit through the Missouri State University Dual Credit Program. In addition, students may earn up to three (3) years of honor points toward their high school GPA (i.e., Debate II/College Speech and Advanced Debate/College Debate are weighted courses). Must meet MSU dual credit requirements.

HS0518

## Intermediate Forensics

*Credit Type: Fine Art*

*Fees: Competitions (Amounts Vary)*

*Prerequisite: Beginning Forensics*

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. Students are required to dress professionally for competitions. In addition, students may have some expenses for their competition files (copies, evidence, boxes, etc.). May fulfill the 0.5 unit of Fine Arts credit for graduation.

HS0539

## Judicial Law & Practice

*Credit Type: Elective*

*Location: Blue Springs South High School*

This is a performance and presentation-based course for students interested in careers in law, legal studies, or the criminal justice system. Students will study and apply the skills of legal argumentation. The course covers mechanics of criminal and civil trials. Professional conduct, trial preparation, advocacy skills, litigation and cross examination skills, and opening and closing arguments will be emphasized. Lawyers will serve as guest lecturers as well as mentors from the legal community individualizing on specific

types of law such as criminal law; criminal/civil procedure; torts; contracts; property and family law. Students will participate in classroom mock trials to help them synthesize and apply their acquired knowledge. Students will be given the opportunity to compete on the mock trial team during the spring semester.

HS0536

## Stage Design & Theatre Technology

*Credit Type:* Elective  
*Prerequisite:* Introduction to Theatre & Teacher Approval

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.

HS0530

## Theatre Study

*Credit Type:* Fine Art  
*Prerequisite:* Introduction to Theatre

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 0.5 unit of the Fine Arts credit.

HS0519

## Advanced Forensics

*Credit Type:* Fine Art  
*Fees:* Competitions (Amounts Vary)  
*Prerequisite:* Intermediate Forensics

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. Students are required to dress professionally for competitions. In addition, students may have some expenses for their competition files (copies, evidence, boxes, etc.). May fulfill the 0.5 unit of Fine Arts credit for graduation.

HS0532

## Advanced Theatre Study

*Credit Type:* Fine Art  
*Prerequisite:* Theatre Study

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 0.5 unit of the Fine Arts credit.

HS0502H

## Communications I

*Credit Type:* Elective  
*Dual Credit:* 3 College Hours – University of Missouri-Kansas City (UMKC): COMM-ST 110 Fundamentals of Effective Speaking & Listening  
*Fees:* ~\$280 Will be Billed/Paid Through the Cooperating College Business Office  
*MOTRansfer:* MOTR COMM 100

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. **Students taking this course have the option to enroll in UMKC's High School College Partnership (HSCP) dual credit program to earn 3 hours of college credit.** One (1) honor point will be earned for each semester successfully completed. Three (3) hours of dual credit available through UMKC. A UMKC dual fee is required if this course is taken for college credit and must meet college's criteria.

HS0513

## Debate III/College Debate

*Credit Type:* Elective  
*Dual Credit:* 3 College Hours – Missouri State University (MSU): COM 120 Introduction to Debate  
*Fees:* ~\$210 Will be Billed/Paid Through the Cooperating College Business Office  
*Prerequisite:* Debate II/College Speech

College Debate is designed to teach mastery level skills in argumentation, persuasion, speech, logic, research, analysis, organization, speech and debate formats and rules, in addition to a wide array of content knowledge covering areas of policy and philosophical studies and current events. One (1) honor point will be earned for each semester successfully completed. Because debate is a co-curricular activity, participation in weekend tournaments is required-both competing on behalf of Blue Springs School District and assisting in hosting Blue Springs School District's annual invitational tournament during the second weekend of October. Students are required to dress professionally for competitions. In addition, students may have some expenses for their competition files (copies, evidence boxes, etc.) Three (3) hours of dual credit are available through MSU if college's criteria are met. Students taking this course have the option to enroll in dual credit through MSU.

HS0503H

## Dual Credit Pre-Law

*Credit Type:* Elective  
*Dual Credit:* 3 College Hours – University of Missouri-Kansas City (UMKC): A&S 115 Career Possibilities, A&S 215 Career Explorations, A&S 315 Career Methods  
*Fees:* ~\$280 Will be Billed/Paid Through the Cooperating College Business Office  
*Location:* Blue Springs High School

This intensive course taught by classroom teacher and licensed attorneys focuses on developing core skills identified as key components for success in law school. Areas of study include, but are not limited to, analytic and problem solving skills; critical reading and analysis of legal documents, including judicial opinions and statutes; analytical writing and revision of legal documents, including pleadings, contracts, deeds, wills, and trusts; oral and listening communication skills, including interviews, mediations, depositions, and opening and closing statements; legal research, including use of technology and shepardizing; ethics; and professional responsibility. Representatives from diverse areas of the legal profession will serve as guest lecturers. Students will have the opportunity to witness actual courtroom proceedings, take a practice LSAT (Law School Aptitude Test), and complete an application to law school. One (1) honor point will be earned for each semester successfully completed. This is a UMKC Dual Credit Course that will be taught all year at BSHS. Three (3) hours dual credit through UMKC if college's criteria are met.

HS0520

## College Forensics

*Credit Type:* Fine Art  
*Dual Credit:* 3 College Hours – University Central Missouri (UCM): THEA 1100 Oral Interpretation  
*Fees:* ~\$255 Will be Billed/Paid Through the Cooperating College Business Office  
*Prerequisite:* Advanced Forensics

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 or Blue Springs South Speech Tournament. Weekend tournament participation is required. Students are required to dress professionally for competitions. In addition, students may have some expenses for their competition files (copies, evidence boxes, etc.). A UCM dual credit fee is required if this course is taken for college credit. This course may fulfill the 0.5 unit of Fine Arts credit for graduation. One (1) honor point will be earned for each semester successfully completed. Three (3) hours dual credit through UCM if college's criteria are met.

## Debate IV/Advanced Debate

*Credit Type:* Elective  
*Dual Credit:* 3 College Hours – Missouri State University (MSU): COM 320 Principles of Advanced Debate  
*Fees:* ~\$210 Will be Billed/Paid Through the Cooperating College Business Office  
*Prerequisite:* Debate III/College Debate

Advanced Debate is designed to teach more advanced level skills in argumentation, persuasion, speech, logic, research, analysis, organization, speech and debate formats and rules, in addition to a wide array of content knowledge covering areas of policy and philosophical studies and current events. One (1) honor point will be earned for each semester successfully completed. Because debate is a co-curricular activity, participation in weekend tournaments is required-both competing on behalf of Blue Springs School District and assisting in hosting Blue Springs School District's annual invitational tournament during the second weekend of October. Students are required to dress professionally for competitions. In addition, students may have some expenses for their competition files (copies, evidence boxes, etc.) Three (3) hours of dual credit are available through MSU if college's criteria are met. Students taking this course have the option to enroll in dual credit through MSU.

HS0538

## Introduction to Directing

*Credit Type:* Elective  
*Prerequisite:* Advanced Theatre Study & Teacher Recommendation

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

# Off-Campus Educational Opportunities

## THE CAREER & TECHNOLOGY CENTER AT FORT OSAGE

The high schools of the Blue Springs School District, in cooperation with The Career and Technology Center at Fort Osage, offer to qualifying students the following career and technical education programs.

### **THE CAREER AND TECHNOLOGY CENTER AT FORT OSAGE** **Explore. Create. Excite. Pursue.**

#### **What is the CTC?**

The CTC is a college and career-preparatory center serving high school juniors and seniors from the Blue Springs, Fort Osage, Grain Valley and Oak Grove school districts. The school is located on the Fort Osage campus across from Fort Osage High School. Students that are accepted spend 0.5 of their day (AM or PM) at the CTC in their career/technical program. Students can earn up to six credits (elective or practical arts) by completing a 2-year program.

#### **Can anyone do CTC?**

Getting into the CTC is a competitive process. Factors like grades and attendance will be considered. Students will also complete an interview with their prospective program instructor.

#### **When do I apply?**

Most students will apply as sophomores in December to January. The application is online. While we will accept applications throughout the spring semester, the priority deadline to receive first consideration is usually the 2nd Sunday in February. Some programs, including Automotive 2, Entrepreneurial Studies, Health Science at CTC and Nail Tech, are senior-only programs. Students interested in these programs will apply in December to January of their junior year.

#### **Is the CTC just to get a job after graduation?**

Many of our students attend CTC to build skills and gain experience for a career. However, over 60% of CTC graduates also attend college, including four-year universities, community colleges and technical schools. Our programs are designed to prepare students for both the workforce and for higher education.

#### **Can I get college credit through the CTC?**

Yes! The CTC partners with local colleges to offer dual\* and articulated\*\* credit to students who meet the college's criteria. Requirements may include having a certain GPA from your home high school, successful completion of your CTC program, and an appropriate score on a standardized test, such as the ACT. Some of the colleges that CTC partners with include Metropolitan Community College (MCC), State Fair Community College, Missouri State University, University of Central Missouri

(UCM) and the University of Missouri-Kansas City (UMKC). Students can graduate high school with up to a semester of college already completed just from credits earned at the CTC.

\*Dual credit is awarded upon completion of the course requirements and allows students to take the credit to a variety of colleges and universities.

\*\*Articulated credit is awarded after graduation and upon successful completion of a minimum number of college hours at the college that is offering the credit.

### **Are there any other college preparatory opportunities at the CTC?**

The second year of many CTC programs has been designated as an advanced career/technical program. Credits earned in this year may be applied to the high school preparatory studies certificate for graduation.

### **What if I want to go into the workforce after graduating high school?**

In addition to providing hands-on experience training for professional skills, the CTC offers students the chance to earn an Industry Recognized Credential (IRC). IRC's are recognized credentials that shows a student has successfully demonstrated skills competencies. Students earning IRC's can have many benefits upon entering the workforce, including potentially higher pay.

Examples of IRC's are included in the course description of each CTC program.

### **Does the CTC offer internships?**

Students have the chance to be involved in internships, work-study and job shadows at area businesses during the fourth quarter of their senior year. Previous internships and job shadows have included the Cerner Scholars Program, Mid-Continent Public Library, CKS Packaging, Independence Police Department and the 16th Circuit Court of Jackson County. These experiences offer students the chance to put their skills to work in a real-world setting, develop their professional network and explore their industry.

### **How do I sign up?**

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. Applications are found online at <https://www.fortosage.net/ctc>. Parents/Guardians 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.

## Fort Osage Career & Tech Center (CTC)

HS1650H AM & HS1652H PM

### **Advanced Computer Engineering**

*Credit Type:* Practical Art

*IRC:* MTA: Microsoft Technology Associate

*Prerequisite:* CTC Application Process

Advanced Computer Engineering will prepare students seeking a two-year or four-year college degree in the fields of computer programming, computer science or computer engineering. This course will provide students with a foundation in programming, video game design, server technology operating system technology, virtualization and cloud computing. In preparation for the broad field of computer engineering, students will work with current computer hardware and have the opportunity to explore introductory robotic technology. Students will also have the opportunity to earn 3 Microsoft Technology Associate (MTA) Certifications. One (1) honor point will be earned for each semester successfully completed. Students may have the opportunity to complete a senior semester internship with the Cerner Scholars program or other industry partners.

HS1725H

### **Advanced Health Sciences 1 PM**

*Credit Type:* Practical Art

*Dual Credit:* 2 College Hours - Metropolitan Community College-Blue River (MCC-BR) if College's Criteria are Met

*IRC:* CNA: Certified Nurse Assistant/Missouri Department of Health & Senior Services

*Location:* Blue Springs High School Freshman Campus

*Prerequisite:* CTC Application Process

Advanced Health Science 1 is designed to prepare students for the wide array of healthcare professions now in high demand in the workforce. Students will focus on medical terminology, anatomy, physiology and nutrition. Students will also explore disease prevention, growth and development as well as other healthcare units in group projects. Students will gain exposure to a variety of healthcare professions through job shadowing and having frequent guest speakers visit their class throughout the school year.

**Students must be able to drive to Blue Springs High School Freshman Campus**, wear approved scrub apparel and provide proof of required immunizations. American Heart Association CPR training is provided and certification is available to students



that meet assessment criteria. Successful completion of this class allows students to **enroll into** Advanced Health Science 2 as a senior. One (1) honor point will be earned for each semester successfully completed. Two (2) hours of dual credit available through MCC-BR if college's criteria are met.

HS1670H

## Agriculture Productions PM

*Articulated/*

*Dual Credit:* 6 College Hours - State Fair Community College (SFCC) if College's Criteria are Met

*Credit Type:* Practical Art

*IRC:* MOASK: MO Agriculture Skill & Knowledge Assessment

*Prerequisite:* CTC Application Process

First year seniors considered with available space. This 2-year program focuses on several areas of the agriculture industry: agriculture mechanics, plant and animal science, as well as agricultural business and leadership. Each student will use equipment for metalworking, carpentry, electricity and concrete. Students will have the opportunity to work in a fully operational greenhouse. Students will also be prepared for a job interview by the end of the course. In addition, students will be encouraged to take advantage of their membership in the National FFA Organization and develop a supervised agricultural experience program. For students wishing to pursue a career in agriculture, animal science, Ag business, Ag technologies or conservation, this is a great program to consider. One (1) honor point will be earned for each semester successfully completed. Dual/Articulated Credit: Six (6) hours of articulated/dual credit available through SFCC if college's criteria are met.

HS1614H AM & HS1616H PM

## Automotive Service Technology 1

*Articulated/*

*Dual Credit:* 10 College Hours - Metropolitan Community College-Longview (MCC-LV) if College's Criteria are Met

4 College Hours - Metropolitan Community College (MCC) if College's Criteria are Met

*Credit Type:* Practical Art

*Internship:* Credit to Oklahoma State University (OSU-Okmulgee Campus) Available if College's Criteria are Met

*IRC:* ASE – Automotive Service Excellence

*Prerequisite:* CTC Application Process

Automotive Service Technology I prepare 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, vehicle maintenance, front-end alignment, steering and suspension, brakes, and engine repair. This is an ASE/NATEF accredited program. Various academic and work ethic principles are taught and practiced throughout the year as well. One (1) honor point will be earned for each semester successfully completed. Dual/Articulated Credit: Ten (10) hours (total over two years) of articulated credit available through MCC-LV if college's criteria are met. Internship credit to OSU-Okmulgee Campus available if college's criteria are met. Four (4) hours of dual credit available through MCC if college's criteria are met. This class can lead to internships with participating repair facilities and/or dealer-sponsored educations.

HS1708H AM & HS1709H PM

## CSI/Law Enforcement

*Articulated/*

*Dual Credit:* 5 College Hours – Metropolitan Community College-Blue River (MCC-BR) if College's Criteria are Met

3 College Hours - University of Central Missouri (UCM) if College's Criteria are Met

9 College Hours - Missouri State University (MSU) if College's Criteria are Met

*Credit Type:* Practical Art

*IRC:* MOLESK: MO Law Enforcement Skills & Knowledge

*Prerequisite:* CTC Application Process

First year seniors considered with available space. This program will cover the areas of law enforcement, crime scene investigation, corrections, civil/criminal law and many other areas in this career field. Instruction will include "hands-on" learning related to patrol procedures, crime scene processing, handling of evidence and courtroom procedures. These learning experiences will consist of mock crime scenes, traffic stops, courtroom testimony, mock trials, training in the use of a Taser X26 and other related situations. Students who complete this program can use this training for careers in law enforcement at the city, county, state or national level. Additionally, students that complete this program could earn certifications in CPR and as a Basic Tele-communicator by completing 40 hours of training. Students will also have job shadowing opportunities with different criminal justice agencies. Graduates from this program have pursued careers as a police officer, highway patrol officer, crime

scene/forensic technician, criminologist and military police officer. One (1) honor point will be earned for each semester successfully completed. Dual/Articulated Credit: Five (5) hours of articulated college credit available through MCC-BR if college's criteria are met. Three (3) hours of dual credit are also available through UCM if college's criteria are met. Nine (9) hours of college credit available through MSU if college's criteria are met.

HS1626H AM & HS1628H PM

## College Prep Engineering

*Credit Type:* Practical Art  
*Prerequisite:* CTC Application Process

First year seniors considered with available space. This course will expose students to many of the diverse fields of engineering by learning the math, science and theories that are the foundation. Students will have the opportunity to use that knowledge in team and individual design projects. This is a rigorous academic program that prepares students for further engineering study in college. Juniors will focus on the following fields of engineering: Mechanical, Environmental, Agricultural, Computer and Electrical, Aerospace. As a senior, students will learn Biomedical, Chemical, Civil and Industrial. Students will also be expected to create and apply a large-scale research/design project that demonstrates their understanding of the engineering design process. One (1) honor point will be earned for each semester successfully completed.

HS6663H

## Computer Animation AM

*Credit Type:* Practical Art  
*Dual Credit:* 3 College Hours – University of Missouri-Kansas City (UMKC): ART 340 3D Modeling & Animation  
*Location:* Blue Springs High School Freshman Campus  
*Prerequisite:* CTC Application Process

Computer Animation is a two-year program focused on the skills and tools needed to create 2D and 3D animations and visualizations. Students will learn the principles of animation and use industry standard software to animate characters and objects within an environment. Students will explore the wide variety of career opportunities in the wide field of animation and design. During the second year of the program, students will focus on developing projects that apply skills acquired in the first year and employ advanced concepts in lighting camera work, animation and rendering. Three (3) hours of dual credit available through UMKC if college's criteria are met.

HS1622 AM & HS1624 PM

## Construction Technology

*Credit Type:* Practical Art  
*IRC:* Career Connections/Carpenters Union  
*Prerequisite:* CTC Application Process

First year seniors considered with available space. Construction Technology is a 2-year program that gives students the ability to learn all facets of the construction industry. Students will learn to read blueprints, estimate construction costs and materials and apply mathematical formulas to construction related problems. Working in small groups, students will demonstrate correct framing techniques for interior finishes and will also acquire extensive experience with hand and power tools. In addition, students will demonstrate the ability to effectively install plumbing and electricity into a finished structure. Upon completion of Career-Safe, a web-based safety program, students will receive an OSHA 10-hour completion card. Students who successfully complete this program will be ready to enter the construction field or continue higher education in the construction trades career field.

HS1605 AM & HS1606 PM

## Culinary Arts

*Credit Type:* Practical Art  
*IRC:* ACF: American Culinary Federation  
*Prerequisite:* CTC Application Process

First year seniors considered with available space. Culinary Arts is a fast-paced, 2-year 'Farm to Fork' program designed to prepare students for personal and professional success. Technical skills (knife skills, cooking methods, baking, serving, sustainability, etc.), Academic Skills (literacy, math, science) and Work Ethic Skills (accountability, sense of urgency, self-

management, interpersonal skills) are integrated and practiced daily. Driven by authentic projects, this class allows students to work with a team designing and executing simple to complex menus and events.

HS1653H AM & HS1655H PM

## CyberSecurity

*Credit Type:* Practical Art  
*IRC:* MTA: Microsoft Technology Associate  
*Prerequisite:* CTC Application Process

CyberSecurity professionals are in high demand due to the need for technology in our daily lives. Our students acquire the knowledge and skills needed to design, support, and secure complex modern networks. Using industry-standard Cisco Systems hardware and software, students install and troubleshoot the devices needed to ensure network integrity, confidentiality, and availability of data, delving into advanced topics such as encryption, penetration testing and ethical hacking. This program starts students on the path of stackable credentials like Microsoft and Cisco industry certifications. Students may have the opportunity to complete a senior semester internship with the Cerner Scholars program or other industry partners. One (1) honor point will be earned for each semester successfully completed.

HS1664

## Fire Science Technology & EMT PM

*Articulated*  
*Credit:* 8 College Hours - Metropolitan Community College (MCC) if College's Criteria are Met  
*Credit Type:* Practical Art  
*IRC:* Firefighter I & II; Missouri Division of Fire Safety - NREMT: National Registry Emergency Medical Technician  
*Prerequisite:* CTC Application Process

Students will learn the essentials of lifesaving through emergency care of the sick and injured and the basics of firefighting, which will include the following: fire behavior, fire streams, fire attack, vehicle extrication, hazardous material awareness and operations, and fire inspection and prevention techniques. The use of ladders, fire hoses, self-contained breathing apparatus, and hydraulic extrication tools require a high level of physical conditioning and coordination. This course requires ambulance clinical rotations providing actual patient care. A drug test at the student's expense is required to participate in clinical rotations. Students who successfully complete this program are eligible to test for certification in Firefighting I & II and Hazardous Awareness and Operations by the Missouri Division of Fire Safety and are eligible to take the National Registry of Emergency Medical Technicians exam upon reaching the age of 18. This course requires excellent writing and verbal skills. Eight (8) hours of articulated credit available for students who enroll in MCC's Emergency Medical Technician-Paramedic Program and credit by certification is available through MCC's Fire Technology program if college's criteria are met.

HS6665

## Heating, Ventilation and Air Conditioning (HVAC)

*Credit Type:* Practical Art  
*Prerequisite:* CTC Application Process

The Heating/Cooling & Climate Control two-year program provides instruction in the skills needed for entry-level employment as a technician in the heating, ventilation, air conditioning, and refrigeration industry. Students successfully completing the program will be given the EPA 608 Refrigerant Certificate exam.

HS6666

## Sports Medicine and Physical Therapy

*Credit Type:* Practical Art  
*IRC:* BLS - CPR and OSHA 10 for Healthcare Workers  
*Location:* Blue Springs High School Freshman Campus  
*Prerequisite:* CTC Application Process

The Sports Medicine/Rehabilitation Therapy two-year program provides instruction in clinical skills needed for entry level employment in physical therapy assisting, rehabilitation therapy, and sports medicine/personal training. Internships, dual credit and industry recognized credentials may be earned by successful students in this program.

## Video Game Design 1 & 2 PM

*Credit Type:* Practical Art  
*Location:* Blue Springs High School Freshman Campus  
*Prerequisite:* CTC Application Process

Video Game Design 1 & 2 is a two-year program that prepares students for a wide variety of careers in the software development industry. Students will use game development software to create 2D and 3D computer games and visualizations, and use creativity and problem-solving skills to design, program, test and debug computer games. Students will also learn the principles of game development and design, and how to use programming logic and languages to develop interactive software. The second year of the program will focus on applying skills learned in year one to create video games from idea generation and proof of concept to final game creation.

HS1671H AM &amp; HS1672H PM

## Welding Technology

*Credit Type:* Practical Art  
*Dual Credit:* 12 College Hours - Metropolitan Community College (MCC) if College's Criteria are Met  
*IRC:* AWS: American Welding Society  
*Prerequisite:* CTC Application Process

First year seniors are considered with available space. Welding Technology is a two-year program that will utilize the American Welding Society curriculum developed to train students in the latest welding technologies and will prepare students with the occupational skills needed to pursue a career in the welding industry. Course content will include, but not limited to the following areas: welding theory, symbols and terminology, safety, oxyacetylene welding, shielded metal arc welding, gas metal arc welding and gas tungsten arc welding. Instruction will also cover math for welders, blueprint reading and basic metallurgy. Students who successfully complete this program may have the opportunity to test to earn certifications established by the American Welding Society. One (1) honor point will be earned for each semester successfully completed. Dual/Articulated Credit: Twelve (12) hours of dual credit available through MCC if college's criteria are met.

HS1724H AM

## Advanced Health Sciences 2 AM

*Credit Type:* Practical Art  
*Dual Credit:* 2 College Hours - Metropolitan Community College (MCC) if College's Criteria are Met  
 4 College Hours - University of Central Missouri (UCM) if College's Criteria are Met  
*IRC:* CNA: Certified Nurse Assistant/Missouri Department of Health & Senior Services  
*Location:* Blue Springs High School Freshman Campus  
*Prerequisite:* CTC Application Process and Advanced Health Science 1

Second year students will focus on career exploration and preparation. All seniors will participate in a supervised 10-week clinical rotation during the fall semester. Through these experiences, students will have the opportunity to test for state certification as a certified nurse assistant (CNA). Students must be able to drive to the Blue Springs High School Freshman Campus, wear approved scrub apparel and provide proof of required immunizations. A drug test, TB skin test and a Family Care Safety Registration are required at the student's expense and are required to participate in clinical rotations. One (1) honor point will be earned for each semester successfully completed. Two (2) hours of dual credit available through MCC if college's criteria are met. Students may also earn up to an additional four (4) hours of dual credit through UCM if college's criteria are met.

HS1602H AM &amp; HS1603H PM

## Automotive Service Technology 2

*Articulated/*  
*Dual Credit:* 10 College Hours – Metropolitan Community College-Longview (MCC-LV) if College's Criteria are Met  
 6 College Hours - Metropolitan Community College (MCC) if College's Criteria are Met  
*Credit Type:* Practical Art  
*Internship:* Credit to Oklahoma State University (OSU-Okmulgee Campus) if College's Criteria are Met  
*IRC:* ASE – Automotive Service Excellence  
*Prerequisite:* CTC Application Process

Auto Service Technology II helps prepare the student to safely and efficiently meet the challenges of proper diagnosing and repairing of today's automobile. Instruction includes advanced electrical, engine performance and computer system theory application and diagnosis. Various academic, work ethic and professional development principles are taught and practiced throughout the year as well. All program goals and practices have an emphasis on career and college preparation. One (1) honor point will be earned for each semester successfully completed. Dual/Articulated Credit: Up to Ten (10) hours available over two years of articulated credit available through MCC-LV if college's criteria are met. Six (6) hours of dual credit available through MCC if college's criteria are met. Internship credit to OSU-Okmulgee Campus available if college's criteria are met. This class can lead to internships with participating repair facilities and/or dealer-sponsored education.

HS1665

## Fire Science/EMT 2 PM

*Articulated*

*Credit:* 8 College Hours - Students Who Enroll in Metropolitan Community College (MCC's) Emergency Medical Technician-Paramedic Program if College's Criteria are Met

*Credit Type:* Practical Art

*IRC:* NREMT: National Registry Emergency Medical Technician

*Prerequisite:* CTC Application Process

First year seniors (without completion of Fire Science) considered with available space. Students will learn the essentials of lifesaving through emergency care of the sick and injured. This course requires ambulance clinical rotations providing actual patient care. A drug test at the student's expense, is required to participate in clinical rotations. Students who successfully complete this program are eligible to take the National Registry of Emergency Medical Technicians exam upon reaching the age of 18. This course requires excellent writing and verbal skills. Students who successfully complete the Fire Science/EMT 2 PM class will be given priority for enrollment in this class. Eight (8) hours of articulated credit available for students who enroll in MCC's Emergency Medical Technician-Paramedic Program, if college's criteria are met.

HS1689H AM & HS1690H PM

## Entrepreneurial Studies

*Articulated/*

*Dual Credit:* 15 College Hours – Metropolitan Community College-Blue River (MCC-BR) if College's Criteria are Met

*Credit Type:* Practical Art

*IRC:* ASK: Assessment of Skills & Knowledge for Business

*Location:* Independence Center (Students Must Provide Own Transportation)

*Prerequisite:* CTC Application Process and Senior Status, Minimum 2.5 GPA Recommended (3 Units, 2 Semesters, 1-Year Program)

E-Studies is designed to help students with the essentials of planning, starting and operating a business of their own. Through classroom training, practical experience and internships in the metropolitan area, students gain the insight and confidence to prepare themselves for an entrepreneurial career of their own. Students will develop and present a marketable business plan, organize, create and operate a business at the Independence Center Mall and participate in an 8-week career-oriented internship second semester. Students will network with business and industry professionals and practice the primary elements of business communication. Students will also learn to apply the five functions of being a manager and apply activities involved in marketing research. All projects are aligned with the Career and Technical Student Organization-DECA. Students may be eligible for renewable scholarships sponsored through the Simon Youth Foundation. One (1) honor point will be earned for each semester successfully completed. Fifteen (15) hours of dual or articulated college credit available through MCC-BR if college's criteria are met.

HS1638H AM & HS1640H PM

## Health Sciences at CTC Accelerated

*Credit Type:* Practical Art

*Dual Credit:* 2 College Hours - Metropolitan Community College (MCC) if College's Criteria are Met

4 College Hours - University of Central Missouri (UCM) if College's Criteria are Met

*IRC:* CNA: Certified Nurse Assistant/Missouri Department of Health & Senior Services

*Prerequisite:* CTC Application Process

Health Sciences is designed to prepare students for the wide array of health care professions now in high demand in the workforce. Students will learn medical terminology as well as communication and documentation skills in a classroom and lab

setting. Students will also learn Cardiopulmonary Resuscitation (CPR) in addition to basic assessment and vital sign measurement. All students will participate in a supervised 10-week clinical rotation during their second semester. This rotation will involve students working at a skilled long-term care facility as well as making formal observations at healthcare facilities. A drug test at the student's expense, is required to participate in clinical rotations.

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 provided and certification is available to students that meet assessment criteria. Through these experiences, students will have the opportunity to test for state certification as a certified nurse assistant (CNA). One (1) honor point will be earned for each semester successfully completed. Two (2) hours of dual credit available through MCC if college's criteria are met. Students may also earn up to an additional four (4) hours of dual credit through the UCM if college's criteria are met.

HS6661 AM & HS6662 PM

## Nail Tech

*Credit Type:* Practical Art  
*Fees:* \$375 Covers Kit and State Licensing Fee  
*IRC:* Nail Technician - MO State Cosmetology Board  
*Location:* Hall-McCarter Education Center - The View (Students Must Provide Own Transportation)  
*Prerequisite:* CTC Application Process

This is a year-long program in which students will earn 3 elective or practical arts credit (1.5 credits per semester). There will also be some evenings 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 licensed a "nail technician". Class fee for all students of \$375.00--this covers their kit and student/state licensing fee.

## SUMMIT TECHNOLOGY ACADEMY

Only the following two classes are offered at Summit Technology Academy (STA), as they are not available through Blue Springs School District. STA is located at Missouri Innovation Campus Building, 1101 NW Innovation Parkway, Lee's Summit, MO (sta.lsr7.org).

**All STA programs require home internet access.**

# Summit Technology Academy

HS1716H AM & HS1717H PM

## Software Development

*Credit Type:* Practical Art  
*Dual Credit:* 9 College Hours - Metropolitan Community College (MCC):  
CSIS 123 Programming Fundamentals, CSIS 222 Object-Oriented Programming with Java, &  
CSIS 223 Object-Oriented Programming with Java (3 Hours for Each Class)  
*Prerequisite:* MCC Requires ACCUPLACER Placement into Math 31 or Higher or an Equivalent ACT Score; GPA 2.5  
Cumulative or Higher; Attendance of 90% or Higher; Algebra II, B- or Higher or Previous Programming  
Knowledge; Reading/Writing at 10<sup>th</sup> Grade or Higher; Keyboarding Minimum of 30 WPM; Summit Tech  
Application Process  
*Recommended:* One of the following courses: PLTW Computer Science & Software Engineering or PLTW Computer Science  
Principles

One (1) honor point will be earned for each semester successfully completed. Nine (9) hours of dual credit available through MCC if college's criteria are met.

Fall Semester: Students will learn structured programming techniques, proper program design, and object-oriented programming concepts and skills using the C++ programming language. Topics include basic object-oriented programming, events, logic structures and simple input/output techniques.

Spring Semester: Using the Java programming language, the students will focus on structured programming techniques, proper program design and object-oriented programming concepts and skills. The capstone project will provide students a unique opportunity to practice agile-based software development from application design to delivery - skills that are in high-demand in today's job market.

HS6701H

## **International Studies Academy**

*Credit Type: Practical Art*

*Prerequisite: GPA is 2.5 Cumulative or Higher; Attendance is 90% or Higher; Completed or Enrolled in at Least Level Two Modern Language Courses; Home Internet Access is Required; Complete Summit Tech Application*

*Recommended: Computer Applications, Business, and Economics World History*

*Transportation: Student will Need to Make Arrangements for Transportation to Off-Site Presentations, Optional Internships, and Rides Home from STA on Predetermined Dates - Please Speak with Administration if You Have Any Transportation Concerns*

This course is designed for students who are passionate about world cultures, languages, and diversity. Through service projects and possible internships, students will meet and work with refugees and recent immigrants, applying content knowledge to actual, meaningful situations. A Rotary Interact club is embedded into the class which requires students to complete additional service projects on an international scale. Students will also participate in Model UN by writing position papers and studying the political/social/economic environments of individual countries. They should also be comfortable using technology, presenting in front of groups, and understand the expectations of professionalism. Students will work in teams to prepare cultural presentations for real business clients and learn about being a professional. Students in this program will be working for a student-run cultural consulting firm, Global Prep Squad where they will be providing cultural services to real business customers and clients. Student grades are determined through a unique system where students receive a simulated salary and bonuses. Students in this program are expected to think for themselves and be able to manage projects on their own. One (1) honor point will be earned for each semester successfully completed. Student will need to make arrangements for transportation to off-site presentations, optional internships, and rides home from STA on predetermined dates. Please speak with administration if you have any transportation concerns.