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2018-2019
HIGH SCHOOL
COURSE DESCRIPTION GUIDE

MINIMUM HIGH SCHOOL GRADUATION REQUIREMENTS

The requirements for graduation are as follows and are in accordance with the requirements established by the State Board of Education:

SUBJECT AREA	CREDITS
<u>Language Arts</u>	
English Language Arts	4
<u>Social Studies*</u>	
Social Studies	3
*1.0 credit must be in US History and .5 credit in Government.	
*The U.S. Constitution and MO Constitution proficiencies must be met.	
<u>Mathematics</u>	3
<u>Science</u>	3
<u>Fine Arts</u>	1
<u>Practical Arts</u>	1
<u>Physical Education</u>	
High School PE	1/2
P.E. Elective	1/2
<u>Health Education</u>	
Health Education	1/2
<u>Electives+</u>	7 1/2
<u>Personal Finance</u>	
Students must demonstrate mastery of state competencies for Personal Finance by passing the GCAA personal finance class. Alternatively, students may test out of the Personal Finance requirement by passing the Missouri Personal Finance Assessment (MoPFA) with 90% or higher. Personal Finance counts as ½ of the Practical Arts requirement.	
TOTAL	24

+GCAA requires that the electives be dedicated to a particular arts pathway.

EARNING HIGH SCHOOL CREDIT IN MIDDLE SCHOOL

The Department of Elementary and Secondary Education (DESE) has approved changes for Sixth grade, Seventh grade and Eighth grade students who complete high-school level courses. Student's high school transcripts will allow the appropriate units of credit recorded on the transcript, with the notation that these courses have been successfully completed prior to Ninth grade.

What this allows:

- High school credit—Middle school students may receive high school credit for high-school level courses in any content area with prior approval of the principal.
- Transcribed grades—The high school course will be included on the student's transcript with a letter grade. This will happen after the successful completion of the subsequent course in the subject area in high school.
- Graduation requirements—The courses will meet the subject-area requirements toward high school graduation.

What this does not allow:

- GPA—The letter grade will not count in the student's grade point average in high school.

Special considerations for transfers:

If a student transfers out of GCAA before successful completion of the subsequent high school course, the credit will not be included on the high school transcript. The receiving school will determine whether the high school credit is awarded for the middle school course completion.

Special considerations for student in activities competing outside the school: In order to be eligible for high school activities, the Missouri State High School Activities Association (MSHSAA), requires students in grades 9-12 to pass three (3.0) units of credit the previous semester and be enrolled in three (3.0) units of credit for the current semester. It is important parents and students understand this MSHSAA requirement if the student chooses to participate in high school activities (i.e. music solo/ensemble contest and similar contests in other areas.)

GCAA courses available for high school credit: Middle school students who choose the high school level courses will receive acceleration credit that can be counted toward meeting the subject-area requirements for graduation. It is important to note the following:

- Middle school students who take courses for high school credit, and then continue on the curricular track for that content area in high school, will not receive credit for the middle school course if they retake these same courses in high school. Assessments – Middle school students will take the end-of-course exam if applicable and their final exam in the courses for which they receive high school credit. For more information, contact your high school counselor regarding the courses available for high school credit.

ACADEMIC RECOGNITION

The National Honor Society (NHS) is the nation's premier organization established to recognize outstanding high school students. More than just an honor roll, NHS serves to recognize those students who have demonstrated excellence in the areas of scholarship, service, leadership, and character.

ON-LINE CORRESPONDENCE COURSES & MOVIP

Students may elect to take correspondence and/or online classes for credit recovery and acceleration. Students and their parents/guardians must get pre-approval from their school counselor before enrolling in online/correspondence courses. A maximum of two credits through correspondence/online courses, or a combination of correspondence/online school, will be accepted toward a GCAA diploma. The only exception is the number of credits earned through Missouri Virtual School (MoVIP) is not limited. Students will be responsible for the payment of tuition for MoVIP courses.

STUDENT ACADEMIC ACCELERATION

Grand Center Arts Academy believes it is important to encourage, support, and assist each student to develop academically. Given the range of abilities represented in each GCAA classroom, it is essential that teachers adapt instruction to meet the wide range of student abilities and skills that exists. In recognition of the diverse needs of students and the benefits associated with instructional adaptations, the Administration supports acceleration appropriate to individual students.

The following chart provides examples of acceleration strategies that may be considered in making decisions appropriate to the individual student. All student assessment data will be factored in a decision. In each instance, the best interest of the student predominates.

Options Applicable in Grades 6-12

Curriculum Compacting	A procedure used to streamline the regular curriculum for students who are capable of mastering it at a faster pace. Pre-testing identifies learning objectives already mastered, and students are allowed to "test out" of certain academic exercises and move on to new material.
Differentiated Instruction	Consistently using a variety of instructional approaches to modify content, process, and/or products in response to learner readiness, interest, and/or learner profile of academically diverse students.
Grade Skipping *	The student is moved ahead of normal grade placement. This may be done during an academic year (e.g. placing a 6th grader directly into seventh grade, or promoting a seventh grader to ninth grade). Application and review of records is required.
Individually Paced Instruction	The student is presented with materials that allow him/her to proceed at a self-selected pace.
Subject-Matter Acceleration	The student is placed for a part of a day with students at more advanced grade levels for one or more subjects without being assigned to a higher grade (e.g. an eighth grader going to ninth grade for non-arts classes) or the student works for part of a day on material above grade level for one or more subjects within his/her regular classroom.

Honors Program	Available for high school students who qualify by meeting expectations of an assessment matrix based on academic performance.
Advanced Placement	The student takes a course in high school that prepares him/her for taking an examination that can confer college credit for satisfactory performance.
Distance Learning	An instructional strategy by which technology is used to allow the student to not physically be in the place where the teaching is taking place. Access to the instructor is gained through technology such as the Internet, interactive videoconferencing, and satellite.
Dual-Enrollment/Credit/SLU 1818	The student is enrolled in course work or summer programs that confer advanced instruction and credit for study (e.g. fast-paced language or math courses offered by universities).
Early Graduation	Graduate from high school in less than four (4) years based upon current GCAA Graduation Requirements.

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 may 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 may 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 counselor.

GCAA professional counselors 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 World Language
- One (1) unit of Fine Arts—plus additional electives in a particular pathway

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 GCAA requirements for graduation.

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

COLLEGE FRESHMAN ACTIVITY ELIGIBILITY REQUIREMENTS

For students considering participation in collegiate activities (i.e. dance team, basketball, etc...) it is imperative that they meet the academic requirements of the NCAA. The NCAA Initial Eligibility Center evaluates the transcript of every potential athlete who has registered with the Center. Registering with the NCAA Eligibility Center is a first step in becoming eligible for collegiate activities.

Please note the following NCAA guidelines:

- A) Geometry Concepts does not meet NCAA requirements
- B) 2 Year Algebra is recognized as 1 credit by the NCAA

It is the **student's responsibility** to secure the information needed on NCAA eligibility from the following website: www.eligibilitycenter.org or the GCAA Activities Director/HS Counselor.

ADVANCED PLACEMENT, WEIGHTED GRADE, 1818, & HONORS COURSE PROGRAMS

ADVANCED PLACEMENT (AP)

The Advanced Placement (AP) Program is a nationwide program of college level courses and exams for secondary school students. The program is designed for the highly talented and motivated student. Over 2,100 colleges receive the AP examination grades and use them as the basis for granting credit and/or placement to entering students whose scores meet their requirements. AP courses are taught on the college level. GCAA offers Advanced Placement Courses in the following areas:

- AP Government
- AP Psychology
- AP US History
- AP World History
- AP Studio Art
- AP Biology
- AP Chemistry
- AP Environmental
- AP Music Theory

In addition to the high school credit received for the course, AP students prepare to take the Advanced Placement Examination in May. Most colleges and universities in the United States recognize the scores received on AP exams and give credit accordingly. However, students must realize that all colleges do not follow the same procedures upon receipt of Advanced Placement Examination grades. Many colleges grant college credit and placement automatically for qualifying work on the examinations; some grant either placement or credit only. **BEFORE TAKING AN AP COURSE, THE STUDENT IS ADVISED TO CONTACT THE COLLEGE HE/SHE PLANS TO ATTEND CONCERNING THE STATUS OF AP COURSES AT THAT SCHOOL.** Additional information can be found on the College Board website—www.collegeboard.com/student/testing/ap/about.html.

1. Recommendations for student participation:
 - a) Sophomore, junior, or senior standing depending upon the course description or prerequisites.
 - b) A 3.5 GPA or better in the subject area.
 - c) Recommendation from a teacher or department chair.
 - d) Recommendation from school counselor.
 - e) Parental consent.
2. Students who do not meet one or more of the above recommended criteria may be asked to sign a waiver that they and their parents understand that the student may not be prepared for the level of difficulty of the course(s).
3. Students enrolled in Advanced Placement courses are expected (but not required) to take the AP Exam in the appropriate subject area. There is a fee of approximately \$95.00 (subject to change) to take each exam.
4. Students who excel in a field of study for which an AP course is not offered are encouraged to prepare for and take the appropriate AP exam under the guidance of a faculty member. Contact the Counseling Office for more information.
5. Students may be required to complete summer work in preparation for this course. The purpose of summer work is to enhance a student's ability to start on the first day of class engaged in class discussions. Expectations for summer work will be communicated in the spring semester.

SLU 1818 COURSES (1818)

The 1818 Advanced College Credit Program provides an opportunity for qualified high school juniors and seniors in the high school to begin experiencing the academic rigor of college course work while still in high school. In addition to receiving credit toward high school graduation for selected academic courses, students may opt additionally to dual enroll in courses approved for college credit through Saint Louis University. SLU 1818 courses are taught on the college level. GCAA offers SLU 1818 Courses in the following areas:

- 1818 Elementary Statistics w/Computers
- 1818 Calculus
- 1818 Algebra III (College Algebra)
- 1818 Pre-Calculus
- 1818 Literature: Nature, Ecology, & Literature
- 1818 Literature: Conflict, Social Justice, & Literature
- 1818 Public Speaking
- 1818 Writing Composition

What it takes to be an 1818 ACC Student:

The 1818 ACC program is designed for those exceptional high school juniors and seniors who have the ability, motivation, and maturity to begin their college educations before high school graduation. Below are the Admission Standards for students wishing to become a part of the 1818 ACC program.

1. Be in Grade 11 or 12
2. Carry a cumulative GPA of 3.0 or above (on an unweighted 4.0 scale)
3. Have written endorsement from the principal or guidance counselor
4. Have teacher approval for each course

Under extraordinary circumstances, standards 1 or 2 may be waived based on written petition to the 1818 ACC Program Director from the student's high school principal.

Please note: All students enrolled in an 1818 ACC dual credit course, regardless of their choice to register for college credit or take it for high school credit only, should expect the course rigor and student expectations to compare to the rigor and expectations placed on university level undergraduate students enrolled in the same course on the Saint Louis University campus.

UNIVERSITY OF MISSOURI-ST. LOUIS COLLEGE CREDIT PROGRAM

GCAA, in cooperation with the University of Missouri-St. Louis Campus, offers select courses which may be taken for high school and college credit upon payment of fees and completion of application. The credit received in the course will become a part of the student's permanent college record. An information sheet with updated costs and registration procedures will be available from the teachers as the course begins. The teachers are the primary source of information related to the Advanced Credit Program, but general program questions may be directed to the University of Missouri-St. Louis, 314-516-7005. The following courses may be offered: Graphic Design I and Graphic Design II.

GRADING SCALE

All Advanced Placement, Dual Enrollment, and SLU 1818 courses receive weighted grades according to the following scale:

- A—5
- B—4
- C—3
- D—1 (Students will not receive weighted grades below a "C")
- F—0

HONORS COURSES

Honors courses are designed for students who are both proficient and capable in their reading and writing skills. The courses are designed to be rigorous and to help students be prepared for the rigor of Advanced Placement and SLU 1818 Courses. Honors and Advanced courses do not receive weighted grade.

PLANNING FOR COLLEGE CREDIT

Earning college credit as a high school student

How can I earn college credit in high school?

- Advanced Placement (AP)—nationwide program of college level courses sponsored by the College Board; credit may be received by earning a satisfactory grade on a fee-based nationally standardized exam
- Dual Credit/Advanced Credit (1818)—local program of approved courses taken at the high school and offered by Saint Louis University; credit can be earned by registering with the college, paying a registration fee, and earning a course grade of “C” or better
- Dual Enrollment—courses taken on a local university campus during the regular school day

What is required to enroll in a college credit program?

Requirements vary among college credit programs. See below for more information.

- Advanced Placement (AP): www.collegeboard.com
- Advanced Credit: <http://www.slu.edu/1818-advanced-college-credit-program/about-us>
- Dual Enrollment: contact the local college or university of your choice

When do I apply for college credit?

- Advanced Placement (AP) registration is completed in February of each year for each AP exam a student wishes to take that May.
- Advanced Credit (1818) registration is completed at the beginning of each semester.
- See your professional school counselor for dual enrollment options that may be available.

What is the difference in the coursework?

- For AP and SLU 1818, no additional coursework is assigned to receive college credit. Students should be aware that the coursework in these courses does parallel a college curriculum and therefore tends to be more rigorous than traditional high school courses.
- For Dual Enrollment, students are enrolled in an actual college course at a college or university. While there is no additional coursework assigned from the high school; the demands will be those of the college curriculum.

COURSE TITLE	COURSE NO.	SEMESTER	RECOMMENDED GRADE PLACEMENT
ENGLISH LANGUAGE ARTS			
English I	1HS1011	1st	9
English I	2HS1011	2nd	9
Honors English I	1HS1011H	1st	9
Honors English I	2HS1011H	2nd	9
English II	1HS1021	1st	10
English II	2HS1021	2nd	10
Honors English II	1HS1021H	1st	10
Honors English II	2HS1021H	2nd	10
American Literature I (formerly English III-1 st semester)	1HS1034	1st	11
American Literature II (formerly English III-2 nd semester)	2HS1035	2nd	11
The Graphic Novel	HS1211	1st Or 2nd	11, 12
Writing Workshop	HS1251	1st Or 2nd	11, 12
Media Literacy	HS1091	1st Or 2nd	11, 12
1818 Literature: Nature, Ecology, and Literature	HS1051	1st Or 2nd	11, 12
1818 Literature: Conflict, Social Justice, and Literature	HS1061	1st Or 2nd	11, 12
1818 Writing Composition	HS1241	1st Or 2nd	11, 12
1818 Public Speaking	HS1111	1st Or 2nd	11, 12
Foundations of Journalism	HS1081	1st Or 2nd	9, 10, 11, 12
Student Media Publication*	1HS1032	1st	10, 11, 12
Student Media Publication*	2HS1032	2nd	9, 10, 11, 12
Editorial Leadership*	1HS1033	1st	10, 11, 12
Editorial Leadership*	2HS1033	2nd	10, 11, 12
*Course receives Practical Art credit, not English credit			

MATH

Algebra I	1HS2011	1st	9
Algebra I	2HS2011	2nd	9
Algebra IA	1HS2021	1st	9
Algebra IA	2HS2021	2nd	9
Algebra IB	1HS2022	1st	10
Algebra IB	2HS2022	2nd	10
Geometry Concepts	1HS2211-2	1st	10, 11
Geometry Concepts	2HS2211-2	2nd	10, 11
Geometry	1HS2211	1st	10
Geometry	2HS2211	2nd	10
Advanced Geometry	1HS2211A	1st	10
Advanced Geometry	2HS2211A	2nd	10
Algebra II Concepts	1HS2111-2	1st	11
Algebra II Concepts	2HS2111-2	2nd	11
Algebra II	1HS2111	1st	11
Algebra II	2HS2111	2nd	11
Advanced Algebra II	1HS2111A	1st	11
Advanced Algebra II	2HS2111A	2nd	11
1818 Algebra III (College Algebra)	1HS2511	1st	11, 12
1818 Algebra III (College Algebra)	2HS2511	2nd	11, 12
1818 Precalculus	1HS2311	1st	11
1818 Precalculus	2HS2311	2nd	11
1818 Calculus	1HS2411	1st	12
1818 Calculus	2HS2411	2nd	12
1818 Elementary Statistics with Computers	1HS2611	1st	12
1818 Elementary Statistics with Computers	2HS2611	2nd	12
Business Math	HS2431	1st Or 2nd	12
Basic Statistics	HS2441	1st Or 2nd	12

COURSE TITLE	COURSE NO.	SEMESTER	RECOMMENDED GRADE PLACEMENT
SCIENCE			
Physics	1HS3011	1 st	9
Physics	2HS3011	2 nd	9
Advanced Physics	1HS3011A	1 st	9
Advanced Physics	2HS3011A	2 nd	9
Foundations of Matter and Change	1HS3411	1 st	10
Foundations of Matter and Change	2HS3411	2 nd	10
Chemistry	1HS3111	1 st	10
Chemistry	2HS3111	2 nd	10
Advanced Chemistry	1HS3111A	1 st	10
Advanced Chemistry	2HS3111A	2 nd	10
AP Chemistry	1HS3111AP	1 st	11, 12
AP Chemistry	2HS3111AP	2 nd	11, 12
Biology	1HS3211	1 st	11
Biology	2HS3211	2 nd	11
Advanced Biology	1HS3211A	1 st	11
Advanced Biology	2HS3211A	2 nd	11
AP Biology	1HS3211AP	1 st	11, 12
AP Biology	2HS3211AP	2 nd	11, 12
AP Environmental Science	1HS3311AP	1 st	11, 12
AP Environmental Science	2HS3311AP	2 nd	11, 12
Animal Behavior	HS3511	1 st or 2 nd	11, 12
Astronomy	HS3611	1 st or 2 nd	11, 12
Forensics Science	HS3811	1 st or 2 nd	11, 12
Genetics	HS3911	1 st or 2 nd	11, 12

SOCIAL STUDIES

US History: Reconstruction to the Present	1HS4111	1 st	9
US History: Reconstruction to the Present	2HS4111	2 nd	9
World History: Conflict and Collaboration	1HS4221	1 st	10
World History: Conflict and Collaboration	2HS4221	2 nd	10
AP World History	1HS4221AP	1 st	10, 11, 12
AP World History	2HS4221AP	2 nd	10, 11, 12
Governmental Civics: Self and Society	HS4512	1 st or 2 nd	11, 12
Critical Sociology: Voices from the Margins	HS4411	1 st or 2 nd	11, 12
Psychology	HS4611	1 st or 2 nd	11, 12
World Religions	HS4212	1 st or 2 nd	11, 12
20 th Century US History Through Art	HS4811	1 st or 2 nd	11, 12
AP Government	1HS4511AP	1 st	11, 12
AP Government	2HS4511AP	2 nd	11, 12
AP Psychology	1HS4611AP	1 st	11, 12
AP Psychology	2HS4611AP	2 nd	11, 12
AP United States History	1HS4311AP	1 st	11, 12
AP United States History	2HS4311AP	2 nd	11, 12

COURSE TITLE	COURSE NO.	SEMESTER	RECOMMENDED GRADE PLACEMENT
ART			
Drawing I	HS7341	1st Or 2nd	9, 10, 11, 12
Drawing II	HS7342	1st Or 2nd	9, 10, 11, 12
Painting I	HS7321	1st Or 2nd	9, 10, 11, 12
Painting II	HS7322	1st Or 2nd	10, 11, 12
Ceramics I	HS7371	1st Or 2nd	9, 10, 11, 12
Ceramics II	HS7372	1st Or 2nd	10, 11, 12
Sculpture I	HS7373	1st Or 2nd	9, 10, 11, 12
Sculpture II	HS7374	1st Or 2nd	10, 11, 12
Printmaking I	HS7351	1st Or 2nd	9, 10, 11, 12
Printmaking II	HS7352	1st Or 2nd	10, 11, 12
Photography I	HS7388	1st Or 2nd	9, 10, 11, 12
Photography II	HS7389	1st Or 2nd	10, 11, 12
Graphic Design I	HS7385	1st Or 2nd	9, 10, 11, 12
Graphic Design II	HS7386	1st Or 2nd	10, 11, 12
Graphic Design Production Studio	HS7392	1st Or 2nd	11, 12
Art History I	1HS7361	1st	9, 10, 11, 12
Art History II	2HS7362	2nd	9, 10, 11, 12
AP Studio Art	1HS7390AP	1st	11, 12
AP Studio Art	2HS7390AP	2nd	11, 12
Art Independent Study	1HS99INDVA	1st Or 2nd	12

DANCE

Ballet I	1HS7021	1st	9, 10, 11, 12
Ballet I	2HS7021	2nd	9, 10, 11, 12
Ballet II	1HS7022	1st	9, 10, 11, 12
Ballet II	2HS7022	2nd	9, 10, 11, 12
Ballet III	1HS7023	1st	9, 10, 11, 12
Ballet III	2HS7023	2nd	9, 10, 11, 12
Ballet IV	1HS7024	1st	9, 10, 11, 12
Ballet IV	2HS7024	2nd	9, 10, 11, 12
Contemporary/Modern I	1HS7031	1st	9, 10, 11, 12
Contemporary/Modern I	2HS7031	2nd	9, 10, 11, 12
Contemporary/Modern II	1HS7032	1st	9, 10, 11, 12
Contemporary/Modern II	2HS7032	2nd	9, 10, 11, 12
Contemporary/Modern III	1HS7033	1st	9, 10, 11, 12
Contemporary/Modern III	2HS7033	2nd	9, 10, 11, 12
Contemporary/Modern IV	1HS7034	1st	9, 10, 11, 12
Contemporary/Modern IV	2HS7034	2nd	9, 10, 11, 12
Jazz Technique I	1HS7051	1st	9, 10, 11, 12
Jazz Technique I	2HS7051	2nd	9, 10, 11, 12
Jazz Technique II	1HS7052	1st	9, 10, 11, 12
Jazz Technique II	2HS7052	2nd	9, 10, 11, 12
Jazz Technique III	1HS7053	1st	9, 10, 11, 12
Jazz Technique III	2HS7053	2nd	9, 10, 11, 12
Tap I	1HS7061	1st	9, 10, 11, 12
Tap I	2HS7061	2nd	9, 10, 11, 12
Tap II	1HS7062	1st	9, 10, 11, 12
Tap II	2HS7062	2nd	9, 10, 11, 12
Dance Composition	HS7012	1st Or 2nd	11, 12

COURSE TITLE	COURSE NO.	SEMESTER	RECOMMENDED GRADE PLACEMENT
MUSIC			
Music Theory I	1HS7211	1 st	9, 10, 11, 12
Music Theory II	2HS7212	2 nd	9, 10, 11, 12
Music Appreciation I	1HS7285	1 st	9, 10, 11, 12
Music Appreciation II	2HS7285	2 nd	9, 10, 11, 12
Class Piano	1HS7260 or 2HS7260	1 st or 2 nd	10, 11, 12
Concert Choir Bass	1HS7132	1 st	9, 10, 11, 12
Concert Choir Bass	2HS7132	2 nd	9, 10, 11, 12
Concert Choir Treble	1HS7231	1 st	9, 10, 11, 12
Concert Choir Treble	2HS7231	2 nd	9, 10, 11, 12
Advanced Treble Choir	1HS7233	1 st	9, 10, 11, 12
Advanced Treble Choir	2HS7233	2 nd	9, 10, 11, 12
Camerata	1HS7231A	1 st	9, 10, 11, 12
Camerata	2HS7231A	2 nd	9, 10, 11, 12
Concert Orchestra	1HS7251	1 st	9, 10, 11, 12
Concert Orchestra	2HS7251	2 nd	9, 10, 11, 12
High School Band	1HS7264	1 st	9, 10, 11, 12
High School Band	2HS7264	2 nd	9, 10, 11, 12
High School Beginning Guitar	1HS7254	1 st	9, 10, 11, 12
High School Beginning Guitar	2HS7254	2 nd	9, 10, 11, 12
High School Guitar Ensemble	1HS7252	1 st	9, 10, 11, 12
High School Guitar Ensemble	2HS7252	2 nd	9, 10, 11, 12
Jazz Ensemble	1HS7265	1 st	9, 10, 11, 12
Jazz Ensemble	2HS7265	2 nd	9, 10, 11, 12
Music Technology	HS7263	1 st or 2 nd	11, 12
Music History	HS7262	1 st or 2 nd	11, 12
AP Music Theory	1HS7221AP	1 st	11, 12
AP Music Theory	2HS7221AP	2 nd	11, 12

THEATRE ARTS

Theatre Perspectives	HS7190	1 st or 2 nd	9, 10, 11, 12
Stagecraft	HS7180	1 st or 2 nd	9, 10, 11, 12
Shop	HS7387	1 st or 2 nd	9, 10, 11, 12
Acting I	1HS7161	1 st	9, 10, 11, 12
Acting I	2HS7161	2 nd	9, 10, 11, 12
Acting II	1HS7162	1 st	9, 10, 11, 12
Acting II	2HS7162	2 nd	9, 10, 11, 12
Acting III	1HS7163	1 st	9, 10, 11, 12
Acting III	2HS7163	2 nd	9, 10, 11, 12
Acting IV	1HS7164	1 st	9, 10, 11, 12
Acting IV	2HS7164	2 nd	9, 10, 11, 12
Movement for Actors I	1HS7185	1 st	10, 11, 12
Movement for Actors I	2HS7185	2 nd	10, 11, 12
Movement for Actors II	1HS7186	1 st	10, 11, 12
Movement for Actors II	2HS7186	2 nd	10, 11, 12
Musical Theatre Coaching I	1HS7170	1 st	9, 10, 11, 12
Musical Theatre Coaching I	2HS7170	2 nd	9, 10, 11, 12
Musical Theatre Coaching II	1HS7093	1 st	9, 10, 11, 12
Musical Theatre Coaching II	2HS7093	2 nd	9, 10, 11, 12
Musical Theatre Coaching III	1HS7094	1 st	9, 10, 11, 12
Musical Theatre Coaching III	2HS7094	2 nd	9, 10, 11, 12

COURSE TITLE	COURSE NO.	SEMESTER	RECOMMENDED GRADE PLACEMENT
THEATRE (cont'd)			
Musical Theatre Dance I	1HS70931	1 st	9, 10, 11, 12
Musical Theatre Dance I	2HS70931	2 nd	9, 10, 11, 12
Musical Theatre Dance II	1HS70932	1 st	9, 10, 11, 12
Musical Theatre Dance II	2HS70932	2 nd	9, 10, 11, 12
Musical Theatre Dance III	1HS70933	1 st	9, 10, 11, 12
Musical Theatre Dance III	2HS70933	2 nd	9, 10, 11, 12
Musical Theatre Dance IV	1HS70934	1 st	9, 10, 11, 12
Musical Theatre Dance IV	2HS70934	2 nd	9, 10, 11, 12
Theatre Technology and Management	HS7183	1 st or 2 nd	11, 12
Capstone/Project/Portfolio/Theatre Business	HS7384	1 st or 2 nd	12

PHYSICAL EDUCATION/HEALTH

High School PE	HS8011	1 st or 2 nd	9, 10, 11, 12
Strength and Conditioning	HS8211	1 st or 2 nd	9, 10, 11, 12
Lifetime Activities	HS8111	1 st or 2 nd	9, 10, 11, 12
Team Sports	HS8012	1 st or 2 nd	9, 10, 11, 12
Health	HS8021	1 st or 2 nd	9, 10, 11, 12

WORLD LANGUAGE AND ADDITIONAL COURSE OFFERINGS

Foreign Language Lab (Rosetta Stone format)	1HSLANG	1 st	9, 10, 11, 12
Foreign Language Lab (Rosetta Stone format)	2HSLANG	2 nd	9, 10, 11, 12
Spanish I	1HS5011	1 st	9, 10, 11, 12
Spanish I	2HS5011	2 nd	9, 10, 11, 12
Spanish II	1HS5012	1 st	9, 10, 11, 12
Spanish II	2HS5012	2 nd	9, 10, 11, 12
Personal Finance	HS6010	1 st or 2 nd	10, 11, 12
Life After High School	HS6015	1 st or 2 nd	11, 12
Makerspace: STEAM Innovation Lab	HS9718	1 st or 2 nd	9, 10, 11, 12
Computer Science Principles	1HS6142	1 st	9, 10, 11, 12
Computer Science Principles	2HS6142	2 nd	9, 10, 11, 12
Cadet Teaching (Elective credit) Application Required	HS6200	1 st or 2 nd	12
Teacher Aide (No credit) Application Required	HS9920	1 st or 2 nd	12
Study Hall	1HS9000	1 st	9, 10, 11, 12
Study Hall	2HS9000	2 nd	9, 10, 11, 12
Project Interface Application Required	1HS6111 or 2HS6111	1 st or 2 nd	12

ENGLISH LANGUAGE ARTS

English I

(9)

1 Unit, all year

Course Number(s): 1HS1011 (1st semester) **and**
2HS1011 (2nd semester)

Prerequisite: None

This course is designed to lay the foundation for successful high school reading and writing. Through a mixture of fiction and non-fiction texts, students will practice close reading, collaborative discussions, and vocabulary development, which revolve around guiding essential questions related to identity and social change. While students will continue practice of comprehension strategies, this course is geared toward strengthening analytical and critical thinking skills. A variety of writing instruction is provided, encompassing creative, practical, and academic skills.

Honors English I

(9)

1 Unit, all year

Course Number(s): 1HS1011H (1st semester) **and**
2HS1011H (2nd semester)

Prerequisite: None

Note: Current English teacher recommendation required

This is an accelerated course that requires students to think deeply about both literature and informational texts. Through a rich diversity in authors and voices, students explore complex topics and themes related to identity and social change. Students will notice patterns, analyze causal relationships, and use problem solving skills to create solutions. In preparation of future honors and 1818 courses, reading and writing focuses heavily on the development of ideas and the use of evidence for support.

English II

(10)

1 Unit, all year

Course Number(s): 1HS1021 (1st Semester) **and**
2HS1021 (2nd Semester)

Prerequisite: Successful Completion of English I or Honors English I

This course consists of instruction in world literature, writing, word study, research, and speaking/listening. The emphasis will be on the analysis and evaluation of text. Strategies for improving comprehension of fiction and nonfiction texts will be stressed. Key writing concepts include study of stylistic devices, multiple modes of discourse, and evaluation of argumentation. Students will produce analytical, creative, descriptive, and persuasive essays as well as writings based on research. Students will continue to strengthen their vocabulary through the study of Greek and Latin roots. This course will contain formal and informal speaking and listening opportunities.

Honors English II

(10)

1 Unit, all year

Course Number(s): 1HS1021H (1st semester) **and**
2HS1021H (2nd semester)

Prerequisite: Successful completion of English I or Honors English I and recommendation of current English teacher

This is an accelerated course that requires students to think deeply and richly about both literature and informational texts. This course offers a blend of classic and contemporary works from authors of diverse backgrounds. It uses a thematic approach to the study of literature in which each thematic unit includes a variety of texts and builds to the study of a major work of English literature. Literature instruction emphasizes making inferences in reading literature, while writing instruction focuses on building skills in organization, use of evidence, and development of ideas. While the course places an emphasis on a variety of writing/reading skills in preparation for the EOC, it also introduces students to concepts that will be addressed more thoroughly in 1818 English classes. Students should expect a rigorous and challenging experience.

American Literature I

(11, 12)

1/2 Unit, one semester

Course Number: 1HS1034 (1st semester)

Prerequisite: Successful completion of English II or Honors English II

This course presents three to four modern American classics with a focus on how individuals in American society navigate issues of power and government corruption. Essential questions to be explored include: In what ways are communities dangerous? In what ways are religion and politics connected in American society? What determines what “justice” is in American society? What determines who is powerful and who is powerless in American society? What does language reveal about Americans’ or American society’s beliefs or attitudes? What are instances in American history where individuals have demonstrated integrity? What does integrity look like in these instances? Potential texts include Arthur Miller’s *The Crucible*, Margaret Atwood’s *The Handmaid’s Tale*, Tim O’Brien’s *The Things They Carried*, and Ralph Ellison’s *Invisible Man*. Students will engage in rigorous, text-based discussion, analytical writing, and creative writing as they explore each text.

American Literature II

(11, 12)

1/2 Unit, one semester

Course Number: 2HS1035 (2nd semester)

Prerequisite: Successful completion of English II or Honors English II

This course presents three to four modern classics with a focus on how money and materialism, as well as corporate greed, all drive American society in subtle ways. Essential questions to be explored include: In what ways is our society preoccupied with wealth, materialism, and excess, including hip hop culture? How are ideas about money connected to the American Dream? How does modern American society mirror the excess of the roaring twenties? In what ways does money drive characters’ choices about love and relationships? How does corporate greed affect our nutrition and food choices as Americans? Students will engage in rigorous, text-based discussion, analytical writing, and creative writing as they explore each text.

The Graphic Novel

(11, 12)

1/2 Unit, one semester

Course Number: HS1211 (1st or 2nd semester)

Prerequisite: Successful completion of English II or Honors English II

This course will explore the comics medium as a mode of communicating story using the various texts as a way to acquire, practice, and master traditional and new literacies, including visual and critical media literacy. Through genre study, students will consider graphic novels as literature, analyze formal structure as it relates to content, trace the development of theme and research the history and growth of the popular culture phenomenon called comics. Students will look closely at the special effects created in sequential art narrative and further appreciate the medium by constructing a variety of graphic narratives both independently and collaboratively.

Writing Workshop

(11, 12)

1/2 Unit, one semester

Course Number: HS1251 (1st or 2nd semester)

Prerequisite: Successful completion of English II or Honors English II

In writing workshop, we will practice writing for the college level—using both creative and formal writing to explore the process of personal, informative, persuasive, and analytical writing as well as the principles of good writing in general, including grammar. Class time will be divided into specific, focused writing and brainstorming tasks (independent work time), mini-lessons on different aspects of the writing craft, and peer revision and feedback. Each unit will culminate in a different type of writing: a personal narrative that can be used on college applications; an informative essay for which you will either write a how-to article, a profile of an individual, or a report on a topic of interest; a persuasive essay where you'll write a position paper on a controversial issue you are passionate about; and a rhetorical analysis essay in which you analyze the effectiveness of either a speech, newspaper editorial, persuasive essay, or documentary film. Students will explore poetry, short story writing, playwriting, and creative nonfiction. For all genres, students will focus on developing and applying broad principles of creative writing in their work, including imagery, energy, tension, pattern, and insight. Class time will be divided into mini- lessons focused on specific aspects of the writing craft, reading and analyzing published works with a "writer's hat" on, independent work time to accomplish specific writing assignments, as well as peer revision and sharing. For samples and advice on craft and process, we will rely on the textbook, *Writing: A Guide for College and Beyond*. We will use the text Heather Sellers' *The Practice of Creative Writing*. Students will be able to integrate their art pathway by turning poems into songs or raps or turning short stories into graphic novels

Media Literacy

(11, 12)

1/2 Unit, one semester

Course Number: HS1091 (1st or 2nd semester)

Prerequisite: Successful completion of English II or Honors English II

Television, music, social media, movies, video games, the Internet, news, advertising: every day we are bombarded with various messages from different forms of media. Media literacy is designed to help students develop an informed and critical understanding of the nature of an ever-expanding and increasingly dominating mass media—as information sources, as entertainment, and as an industry—as well as to examine, interpret, and evaluate the messages contained within, and their social, cultural, and political implications. This course exposes the student to the base complexities of media literacy, develops critical thinking skills, and provides the methods of analysis necessary to interpret media content as well as methods of critical writing appropriate to media analysis.

1818 Literature: Nature, Ecology, and Literature

(11, 12)

1/2 Unit, one semester

Offered in EVEN Graduation Years

Course Number: HS1051 (1st or 2nd semester)

Prerequisite: Successful completion of English II or Honors English II

Note: A cumulative GPA of 3.0 or higher is recommended to take this course. This course receives a weighted grade.

This advanced and rigorous course introduces literary study within the context and theme of Nature. Through the reading of a wide variety of genres—including essays, poetry, and fiction—the course looks at the way Americans of different eras look at the natural world. Methods include close reading, textual analysis, and essay writing. Reading assignments will be given at an accelerated pace. This class will be in conjunction with the standards set by St. Louis University through the 1818 Program. Upon successful completion (earning a grade of C or higher) student may earn three college credit hours from Saint Louis University.

1818 Literature: Conflict, Social Justice, and Literature (11, 12)

1/2 Unit, one semester

Offered in ODD Graduation Years

Course Number (s): 1HS1061 or 2HS1061 (1st or 2nd semester)

Prerequisite: Successful completion of English II or Honors English II

Note: A cumulative GPA of 3.0 or higher is recommended to take this course. This course receives a weighted grade.

This advanced and rigorous course focuses on American literature that presents the lives of characters who face conflicts among wealth, status, freedom and love. Methods include close reading and textual analysis. Reading assignments will be given at an accelerated pace, most likely 20-30 pages. This class will be in conjunction with the standards set by St. Louis University through the 1818 Program. Upon successful completion (earning a grade of C or higher) student may earn three college credit hours from Saint Louis University.

1818: Writing Composition

(11, 12)

1/2 Unit, one semester

Course Number: HS1241 (1st or 2nd semester)

Prerequisite: Successful completion of English II or Honors English II

Note: A cumulative GPA of 3.0 or higher is recommended to take this course. This course receives a weighted grade.

This advanced and rigorous course is designed to familiarize students with college expectations in the writing process and the types of writing they will encounter in college. This course places emphasis on the student studying and writing argumentatively in analysis and persuasion. Developing critical reading skills is an essential component of the course, both modeling and leading the student through the writing process. Required reading includes a novel and an informational text in addition to several smaller reading selections. There will be at least five major writing assignments, including a personal narrative, extended definition, persuasive essay and literary analysis. This class will be in conjunction with the standards set by St. Louis University through the 1818 Program. Upon successful completion (earning a grade of C or higher) student may earn three college credit hours from Saint Louis University.

Foundations of Journalism

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS1081 (1st or 2nd semester)

Prerequisite: None

Note: Grade of C or better in previous English course

This course introduces students to journalism concepts. Students will learn the history of American journalism, the basic principles of journalism law and ethics, as well as Associated Press style and apply these concepts throughout their publishing career. This course is designed to prepare students with the specialized writing skills required for a newspaper or yearbook staff and is a prerequisite for Student Media Publication. This class focuses on the content and coverage of publications writing and reporting news, features, opinions, headlines and captions (cutlines) in Associated Press Style. They will also practice copy editing and analyze the media and its role in society. Story assignments written in Foundations of Journalism are eligible for publication in the *Expression* yearbook or GCAAtoday.com. Upon successful completion of this course, students may be eligible to join Student Media Publication.

1818: Public Speaking

(11, 12)

1/2 Unit, one semester

Course Number: HS1111 (1st or 2nd semester)

Prerequisite: Successful completion of English II or Honors English II

Note: A cumulative GPA of 3.0 or higher is recommended to take this course. This course receives a weighted grade.

Students are introduced to principles of effective public speaking and provided opportunities to develop public speaking skills. In addition, standards of evaluation for public communication are established for the use in evaluating their own and other's public speaking performances. This class will be in conjunction with the standards set by St. Louis University through the 1818 Program. Upon successful completion (earning a grade of C or higher) student may earn three college credit hours from Saint Louis University.

Student Media Publication

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS1032 (1st Semester) **and**
2HS1032 (2nd Semester)

Note: **This is a Practical Arts credit***

Prerequisite: Instructor approval via application process

Note: A grade of A or B in Foundations of Journalism or previous semester of Student Media Publication is recommended.

Students in this course are responsible for the day-to-day operation and production of the *Expression* yearbook and GCAAtoday.com, the student news website. Students will gain practical experience in writing, editing, ad sales, photography, and desktop publishing. Students enrolled in the class will make content, coverage, and design decisions following accepted journalistic practices taught in Journalistic Writing for Print and the Web. This course will require out-of-class work time including, but not limited to, taking photos, doing interviews and work nights as deadlines demand. This class may be taken more than once.

Editorial Leadership

(10, 11, 12)

1 Unit, all year

Course Number(s): 1HS1033 (1st Semester) **and**
2HS1033 (2nd Semester)

Note: **This is a Practical Arts credit***

Prerequisite: B or higher in previous semester of Student Media Publication or Editorial Leadership and **instructor approval** via application process

This is an honors-level tier of the production course for students who have been selected as editors. They have the same responsibilities as those in Student Media Publication, but with additional expectations and responsibilities. This course will require extensive out-of-class work time including, but not limited to, weekly Editorial Board meetings and work nights as deadlines demand. This class may be taken more than once.

MATH

Algebra I (9) 1 Unit, all year

Course Number(s): 1HS2011 (1st semester) **and**
2HS2011 (2nd semester)

Prerequisite: Placement by previous math teacher or department chair approval

Students enrolled in Algebra I will study the real number system and its properties, equations (linear and quadratic), inequalities, graphing, operations with polynomials, algebraic fractions and irrational numbers. Students will also apply this knowledge and skill to solve word problems. Students are required to take state mandated End of Course Exam (EOC).

Algebra IA (9) 1 Unit, all year

Course Number(s): 1HS2021 (1st semester) **and**
2HS2021 (2nd semester)

Prerequisite: Pre-Algebra or equivalent and department chair approval

Algebra IA is the first year of a two-year Algebra I sequence. Students will study all the concepts and topics described in the Algebra I description but will take the course over two years instead of one.

Algebra IB (10) 1 Unit, all year

Course Number(s): 1HS2022 (1st semester) **and**
2HS2022 (2nd semester)

Prerequisite: Successful completion of Algebra IA

Students enrolled in Algebra IB will continue to study the real number system and its properties, equations (linear and quadratic), inequalities, graphing, operations with polynomials, algebraic fractions and irrational numbers. Students will also apply this knowledge and skill to solve word problems. Students are required to take state mandated End of Course Exam (EOC).

Geometry Concepts (10, 11) 1 Unit, all year

Course Number(s): 1HS2211-2 (1st semester) **and**
2HS2211-2 (2nd semester)

Prerequisite: Successful completion of Algebra I or Algebra IB, placement by previous math teacher, or department chair approval

Geometry Concepts provides a direct approach to the fundamentals of plane geometry. It is designed to develop basic geometry skills and vocabulary. Emphasis is spent on the following topics: concepts of congruence, similarity, parallelism, perpendicularity and proportions, angle relationships in polygons and circles, and finding lengths of segments. This course does not include formal geometric proofs.

Geometry (10) 1 Unit, all year

Course Number(s): 1HS2211 (1st semester) **and**
2HS2211 (2nd semester)

Prerequisite: Successful completion of Algebra I

Students will use inductive and deductive reasoning to develop an axiomatic system which describes the properties of two and three dimensional objects. A solid, working knowledge of Algebra I skills is necessary.

Advanced Geometry (10) 1 Unit, all year

Course Number(s): 1HS2211A (1st semester) **and**
2HS2211A (2nd semester)

Prerequisite: Successful completion of Algebra I and department chair approval

Students in Advanced Geometry will proceed at an accelerated pace. Students will use inductive and deductive reasoning to develop an axiomatic system which describes the properties of two and three dimensional objects. Students will be expected to perform a significant number of proofs of geometric theorems. Students will also engage in the study of elementary analytic geometry by combining their knowledge of and skill in both algebra and geometry.

Algebra II Concepts (11) 1 Unit, all year

Course Number(s): 1HS2111-2 (1st semester) **and**
2HS2111-2 (2nd semester)

Prerequisite: Successful completion of Geometry Concepts or Geometry

Students in this course will extend their study of Algebra. A more extensive review of Algebra I concepts will be explored. In addition, students will examine relations and functions, systems of equations and inequalities, powers, roots, complex numbers, exponential/logarithmic functions and matrices at a more informal pace.

Algebra II (11) 1 Unit, all year

Course Number(s): 1HS2111 (1st semester) **and**
2HS2111 (2nd semester)

Prerequisite: Successful completion of Geometry or Advanced Geometry

Algebra II will review and expand algebraic skills. Topics studied in this course include expressions, equations and inequalities, functions, equations and graphs, linear systems, quadratic functions and equations, polynomials and polynomial functions, radical functions and rational exponents, exponential and logarithmic functions, direct and inverse variation, reciprocal function families, introduction to sequences and series, matrices, law of sines and cosines, and right triangle trigonometry. A Graphing Calculator is required.

Advanced Algebra II

(11)

1 Unit, all year

Course Number(s): 1HS2111A (1st semester) **and**
2HS2111A (2nd semester)

Prerequisite: Successful completion of Geometry or Advanced Geometry; placement by previous math teacher, or department chair approval

This course will be an accelerated version of Algebra II. Topics studied in this course include expressions, equations and inequalities, functions, equations and graphs, linear systems, quadratic functions and equations, polynomials and polynomial functions, radical functions and rational exponents, exponential and logarithmic functions, direct and inverse variation, reciprocal function families, introduction to sequences and series, matrices, law of sines and cosines, right triangle trigonometry, continuity, and limits. A Graphing Calculator is required.

Algebra III (College Algebra)

(11, 12)

1 Unit, all year

Course Number(s): 1HS2511 (1st semester) **and**
2HS2511 (2nd semester)

Prerequisite: Successful completion of Algebra II or Advanced Algebra II

Note: This course receives a weighted grade. This course may be eligible for college credit, consult your teacher for details.

This Algebra course is designed for the student who will continue on to Pre-Calculus or is college-bound. This course may be eligible for college credit, consult your teacher for details. This course will include new topics and applications of some topics addressed in Algebra II. Topics in this course will include sequences and series, conic sections, linear and non-linear systems, logarithms, and functions. Calculators will be used when appropriate.

Pre-Calculus

(11)

1 Unit, all year

Course Number(s): 1HS2311 (1st semester) **and**
2HS2311 (2nd semester)

Prerequisite: Successful completion of Algebra II and department chair approval

Note: Recommendation of a grade of "C" or higher in Algebra II. This course may be eligible for college credit.

Students will extensively study the following topics: trigonometry, analytical geometry, introductory derivatives, integrals, vectors, determinants, sequences and series, polynomial, rational, exponential, and logarithmic functions and their graphs. A Graphing Calculator is required.

1818 Elementary Statistics w/ Computers (12)

1 Unit, all year

Course Number(s): 1HS2611 (1st Semester) **and**
2HS2611 (2nd semester)

Prerequisite: Successful completion of Algebra II

Note: This course receives a weighted grade.

This course is designed to provide an in-depth introduction to statistics. The course will cover topics such as: data production and analysis, probability basics, distributions, sampling, estimation with confidence intervals, hypothesis testing, t-test, correlation and regression, cross tabulations and chi-square. Students will learn and create statistical graphs to provide visual representation of the data, as well as understand how the illustrations can be misused. Students will learn to use Microsoft Excel to run and analyze statistical data. Students will use the spreadsheet software to run regression analysis and complete a formal research paper on their findings. The midterm and final exams will be cumulative for the entirety of the course. This course will be taught in conjunction with the standards set by St. Louis University through the 1818 Program. Upon successful completion (earning a grade of C or higher) student may earn three college credit hours from Saint Louis University.

1818 Calculus (12)

1 Unit, all year

Course Number(s): 1HS2411 (1st Semester) **and**
2HS2411 (2nd Semester)

Prerequisite: Successful completion of Pre-Calculus

Note: Recommendation of a grade of C or higher in Pre-Calculus. This course receives a weighted grade.

This course will guide the students through Single Variable Calculus. The course will cover the following content: elementary functions, limits, continuity, differentiation of algebraic and trig functions, antiderivatives, integration, and applications of derivatives and integrals. This full year course will be taught in conjunction with the standards set by St. Louis University through the 1818 Program. Upon successful completion (earning a grade of C or higher) student may earn four college credit hours from Saint Louis University.

Business Math (12)

1/2 Unit, one semester

Course Number: HS2431 (1st or 2nd semester)

Prerequisite: Successful completion Algebra II Concepts, Algebra II, or Advanced Algebra II

Business Math will review and expand on basic math skills required for any and all job types. Topics studied in this course include fractions, decimals, percentages, solving word problems, checking, banking statements, solving equations, discounts (trade and cash), markups and markdowns, interest (simple and compound), annuities, sinking funds, installment buying, credit cards, home ownership, balance sheets, income sheets, depreciation, inventory and overhead, taxes (sales, income, property), insurance (life, fire, auto), stocks, bonds, mutual funds, and basic business statistics. We will be using some excel spreadsheets so access to computers will be necessary.

Basic Statistics

(12)

1/2 Unit, one semester

Course Number: HS2441 (1st or 2nd semester)

Prerequisite: Successful completion Algebra II Concepts, Algebra II, or Advanced Algebra II

This course is designed to provide an introduction to statistics. The course will cover topics such as: data production and analysis, probability basics, distributions, sampling, estimation with confidence intervals, hypothesis testing, t-test, correlation and regression. Students will learn and create statistical graphs to provide visual representation of the data, as well as understand how the illustrations can be misused. Students will learn to use Microsoft Excel to run and analyze statistical data. Students will use the spreadsheet software to run regression analysis and complete a research paper on their findings.

SCIENCE

Physics

(9)

1 Unit, all year

Course Number(s): 1HS3011 (1st semester) **and**
2HS3011 (2nd semester)

Prerequisite: None

This course is designed to minimize the mathematics and intended to build the science skills and reinforce math skills being learned while the student is taking algebra. The content will focus on concepts in motion, forces, energy, electricity, and astronomy. Students will learn to build scientific models to describe the physical world by analyzing the results of lab experiments. The skills of experimental design, graphical analysis, and reading a scientific text will be emphasized, allowing students to express and understand models verbally, diagrammatically, graphically, and with basic algebraic expression.

Advanced Physics

(9)

1 Unit, all year

Course Number(s): 1HS3011A (1st semester) **and**
2HS3011A (2nd semester)

Prerequisite: Successful completion of Algebra I or teacher approval

This is a challenging Physics course designed for students who desire an accelerated, comprehensive program. The level of difficulty is hard. It covers the same material as Physics but with an accelerated pace, a deeper dive into the material, and an expectation for students to maintain a "C" or higher grade to remain in the course.

Chemistry

(10)

1 Unit, all year

Course Number(s): 1HS3111 (1st semester) **and**
2HS3111 (2nd semester)

Prerequisite: Successful completion of Physics or Advanced Physics

This course introduces important concepts of chemistry while applying these concepts to the students' everyday lives and experiences. Topics addressed include basic problem solving, scientific measurement, atomic structure, the periodic table, chemical formula writing, chemical reactions, states of matter, chemical bonding, thermochemistry, acids and bases, and nuclear chemistry. Activities will include reading, writing, discussion, laboratory activities, laboratory reports and student projects. Students will frequently work together in teams. Basic algebra skills are required.

Advanced Chemistry

(10)

1 Unit, all year

Course Number(s): 1HS3111A (1st semester) **and**
2HS3111A (2nd semester)

Prerequisite: Successful completion of Physics or Advanced Physics and teacher approval.

The models and theories of chemistry are developed in this course. Considerable emphasis is placed on the student's ability to interpret data, solve problems, and use higher-order thinking skills. The core topics include models for atoms, chemical reactions, kinetic molecular theory, thermochemistry, chemical bonding, rates of reactions, equilibrium, acids and bases, and electrochemistry. The course will include reading, lecture/discussion, laboratory activities and problem solving. This course is designed for students who have demonstrated success in mathematics and science courses. Laboratory reports will be required and homework assignments are given daily. Each student needs a calculator. A college level text is used.

AP Chemistry

(11, 12)

1 Unit, all year

Course Number(s): 1HS3111AP (1st semester) **and**
2HS3111AP (2nd semester)

Prerequisite: Advanced Chemistry or department chair approval.

Note: This course receives a weighted grade.

This course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. The course is designed to provide students with sufficient depth and breadth of understanding of chemical fundamentals, competence in dealing with chemical calculations, and experience in the nature and variety of laboratory experiments equivalent to that of a typical college course. Topics such as the atomic and molecular structure of matter, kinetic theory of gases, chemical equilibrium, chemical kinetics, electrochemistry, and basic principles of thermodynamics are emphasized. A substantial portion of class time is spent on understanding and applying these concepts through chemical problem solving. Students develop the ability to think clearly and to express their ideas in writing with clarity and logic. In addition, the behavior of chemical systems is investigated in the laboratory. A laboratory notebook is kept and students submit a report of each experiment. Each student is expected (although not required) to take the AP Chemistry exam.

Biology

(11)

1 Unit, all year

Course Number(s): 1HS3211 (1st semester) **and**
2HS3211 (2nd semester)

Prerequisite: Successful completion of Chemistry or Advanced Chemistry

Biology deals with living things. An emphasis is placed on the cellular level. Discussions about social issues such as genetic engineering and the impact of man on his/her environment will be conducted. Regular homework and long term assignments are expected. Students are required to take the state mandated end-of-course exam (EOC).

Advanced Biology

(11)

1 Unit, all year

Course Number(s): 1HS3211A (1st semester) **and**
2HS3211A (2nd semester)

Prerequisite: Successful completion of Chemistry or Advanced Chemistry and teacher/department chair approval

This is a challenging course designed for students who anticipate a science-based career, desire an accelerated, comprehensive program and intend to take advanced courses in science. Instruction will emphasize laboratory investigation. Students are required to take the state mandated end-of-course exam (EOC).

AP Biology

(11, 12)

1 Unit, all year

Offered ODD Graduation Years

Course Number(s): 1HS3211AP (1st semester) **and**
2HS3211AP (2nd semester)

Prerequisite: Successful completion of Chemistry and Advanced Biology or department chair approval.

Note: This course receives a weighted grade. In addition, this course is only offered in ODD graduation years.

Advanced Placement Biology is an in-depth study of living systems. All levels of biology, from the molecular to the biosphere, will be presented to ensure that the students have developed an appreciation of the relationships among these levels. Investigations that include careful observation, question posing, hypothesis formulation, and hypothesis testing under controlled conditions will ensure that the students use the scientific process. The pupils will develop higher cognitive skills by analyzing and synthesizing experimental data and discussing contemporary biological issues. Biological concepts and principles will be taught at a university level. Emphasis will be placed on biochemistry, physiology, evolution, ecology, genetics, and cytology. The students will be prepared for and expected (although not required) to take the AP Biology exam.

AP Environmental Science

(11, 12)

1 Unit, all year

Offered EVEN Graduation Years

Course Number(s): 1HS3311AP (1st semester) **and**
2HS3311AP (2nd semester)

Prerequisite: Successful completion of Chemistry and Advanced Biology or departmental approval.

Note: This course receives a weighted grade. In addition, this course is only offered in EVEN graduation years.

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will work to identify and analyze natural and human made environmental problems, assess risks associated with these problems and examine possible solutions. Themes of the course will include processes of science, the systematic nature of the earth, energy flow, and human impact on natural systems. Students are expected (although not required) to take the AP Environmental Science exam.

Animal Behavior

(11, 12)

1/2 Unit, one semester

Course Number: HS3511 (1st or 2nd semester)

Prerequisite: None

This course will introduce you to the field of animal behavior. We will examine basic principles derived from evolution, ecology, ethology and development and use these principles to explain how and why animals behave as they do in particular situations. We will focus on many important biological activities such as foraging, communication, migration, predator-prey interactions, mating, and parental care. Because the field of animal behavior is so broad, this course will provide only a representative sampling of topics on a restricted number of species (mostly mammals, birds, and social insects).

Astronomy

(11, 12)

1/2 Unit, one semester

Course Number: HS3611 (1st or 2nd semester)

Prerequisite: None

This course will capitalize on the students' inherent interests in the limitless universe that surrounds them. Study of the physical nature of objects in the universe and methods used by astronomers to understand them will be emphasized. Topics are selected from basic laws of nature, the Solar System, stars, nebulae, galaxies, and cosmology. Observations will be made both by the individual student (motion of Earth, Sun, and phases of moon) and at night group outings with a telescope. This course may include additional laboratory/field experiences planned outside of the regular school schedule.

Forensics Science (11, 12) 1/2 Unit, one semesterCourse Number: HS3811 (1st or 2nd semester)

Prerequisite: None

Students in Forensic Science will experience the art and science behind forensic investigation. Using mock crime scenes, scenarios, and engaging instruction, students will develop the critical thinking and deductive reasoning skills used in this cutting edge and rapidly-growing profession. They will conduct experiments and use real-world techniques for analyzing and interpreting different types of evidence. Potential topics in the course include: Forensic Psychology, Handwriting Analysis, Hair and Fiber Analysis, Forensic Toxicology, Blood Spatter Analysis, Criminal Ballistics, Fingerprint Analysis, and Forensic Anthropology. Each of these topics incorporates elements of science, logic, and creativity and gives each student a chance to study the multifaceted role of the forensic scientist.

Genetics

(11, 12)

1/2 Unit, one semester

Course Number: HS3911 (1st or 2nd semester)

Prerequisite: None

Students in Genetics will get a first-hand introduction to tools and technology used in biomedical research today. Beginning with an introduction to genetics, students will attain the basic knowledge needed to understand more complex techniques used in genetic research. Some of these techniques will be explored through labs in DNA engineering, PCR and gel electrophoresis, as well as concepts of modern gene sequencing and gene therapy. Topics to be discussed/debated include genetic disease, design and use of recombinant vaccines, bioethics and responsibility in science. Biotechnology is one of the most rapidly-growing fields in the world today, with vast implications for human health and longevity. Career opportunities will abound.

SOCIAL STUDIES

US History: Reconstruction to the Present (9)

1 Unit, all year

Course Number(s): 1HS4111 (1st semester) **and**
2HS4111 (2nd semester)

Prerequisite: None

American Dream or Nacerima Nightmare? Students will construct their understanding of what it means to be American through an intensive investigation of what some have called the long 20th Century, 1865 to the Present. During this time, Americans witnessed radical social, political and economic changes as modernity dawned on these shored. This course covers United States History from slavery to segregation to the Civil Rights era to the Black Lives Matter movement; from the cult of domesticity to the suffrage movement to modern feminism; from a meek isolationist nation to a global super power; from the end of the Civil War, through imperialist endeavors, two world wars and the threat of nuclear holocaust to a global policing regime of drone strikes and mini-wars; through laissez-faire industrialism, the Stock Exchange of the Roaring 20s, a world-wide Great Depression, the Boom of the 50s and deindustrialization ever since. This course helps us understand who we are.

World History: Conflict and Collaboration (10)

1 Unit, all year

Course Number(s): 1HS4211 (1st semester) **and**
2HS4211 (2nd semester)

Prerequisite: None

This course engages students in the study of world history, ancient and modern, in order to achieve a more critical understanding of our world. Students will explore the emergence of *homo sapiens*, our rise to global prominence as a species, and later development of various social, cultural, political and economic systems throughout Africa, Asia, Oceania, the Americas, and Europe. The course is unified through the themes of conflict and collaboration, over time, between peoples of various ethnic, religious, political, economic and cultural groups.

AP World History (10, 11, 12)

1 Unit, All Year

Course Number(s): 1HS4211AP (1st semester) **and**
2HS4211AP (2nd semester)

Prerequisite: None

NOTE: A 3.5 GPA in Social Studies courses and teacher or department chair recommendation. Should the student fail to meet these criteria, the parent and the student must sign a waiver.

This course receives a weighted grade and fulfills the World History graduation requirement.

The purpose of the AP World History course is to develop a greater understanding of the evolution of global process and contacts in interaction with different types of human societies. This understanding is advanced

through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge used in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional and technological patterns that, along with geography, set the human stage. Periodization, explicitly discussed, forms an ongoing principle for dealing with change and continuity throughout the course. Specific themes provide further organization to the course, along with consistent attention to contact among societies that form the core of world history as a field of study. Students are expected (although not required) to take the Advanced Placement World History Exam.

Governmental Civics: Self and Society (11, 12) 1/2 Unit, one semester

Course Number: HS4512 (1st or 2nd semester)

Prerequisite: None

NOTE: This course fulfills the United States Government graduation requirement. In order to meet state graduation requirements, all students must pass the United States and Missouri Constitution tests.

In Self and Society, students learn the philosophical roots of the American political system while engaging in the ways in which individuals and groups in society have challenged the nation's first laws, the Constitution.

Critical Sociology: Voices from the Margins (11, 12) 1/2 Unit, one semester

Course Number: HS4411 (1st or 2nd semester)

Prerequisite: None

Voices from the Margins is designed to engage students in deeper thinking around ideas of society and membership—social, cultural, legal, political, and economic. The course will focus on historical and contemporary ideas of gender, sexism, patriarchy and feminism; race and racism; class, poverty and economic inequality. The study of these pressing sociological subjects of inquiry will prepare students to think more critically about the society in which we live. Through research, students will become an expert on a specific historical figure or group.

Psychology (11, 12) 1/2 Unit, one semester

Course Number: HS4611 (1st or 2nd semester)

Prerequisite: None

This semester course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

**20th Century US History through the Arts
American Society and Popular Music**

(11, 12)

1/2 Unit, one semester

Course Number: HS4811 (1st or 2nd Semester)

Prerequisite: None

In this course, students will explore this tension between art and society throughout the 20th Century in the United States, with musical art forms serving as the backbone of this course. Culture reflects the times, but culture also informs the evolution of them. Generally no longer conceived of as a standard of excellence, culture has been defined as both a whole way of life and a whole way of conflict. Perhaps nothing better captures the conflict of an era than its cultural forms; perhaps nothing prefigures the movement of a society as much as its art. Society, politics, and economic realities shape the way musicians, artists, and writers/poets express their pain, hopes, fears, and aspirations, but at the same time, cultural works of art shape and reshape the concrete world in which they are created. In addition to popular musical genres, students will examine literature, poetry, visual art, theatre, and dance.

World Religions

(11, 12)

1/2 Unit, one semester

Course Number: HS4212 (1st or 2nd semester)

Prerequisite: None

This course is a general introduction to the basic religious concerns of humanity and the ways in which religions have developed in Eastern and Western history, giving intellectual, moral, and institutional expression to the meaning of human existence. Students will be introduced to several religious world views from an historical and comparative perspective. Students will be expected to participate in a descriptive analysis of each view's belief systems, moral codes, and symbolic rituals.

AP Government

(11, 12)

1 Unit, all year

Course Number(s): 1HS4511AP (1st semester) **and**
2HS4511AP (2nd semester)

Prerequisite: A 3.5 GPA in Social Studies courses and teacher or department chair recommendation. Should the student fail to meet these criteria, the parent and the student must sign a waiver.

NOTE: This course receives a weighted grade and fulfills the United States Government graduation requirement. In order to meet state graduation requirements, all students must pass the United States and Missouri Constitution tests.

AP Government offers students the opportunity to read and analyze materials in a college-level text and various primary and secondary sources as they study the relationship between politics and government. This course includes a comprehensive study of the art of politics and the workings of contemporary American political behavior as a primary social force. Students with a special interest in political science, law, or citizen political involvement will participate in a variety of activities which will allow them to apply theory into practice. Attention will also be given to comparative government, political frameworks, and political change. Students are expected (although not required) to take the Advanced Placement Government Exam.

AP Psychology

(11, 12)

1 Unit, all year

Course Number(s): 1HS4611AP (1st semester) **and**
2HS4611AP (2nd semester)

Prerequisite: None

Note: A 3.5 GPA in Social Studies courses and teacher or department chair recommendation. Should the student fail to meet these criteria, the parent and the student must sign a waiver. This course receives a weighted grade.

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. There are five content domains in AP Psychology which include: Methods, Bio- psychological, Cognitive, Developmental, and Sociocultural. Students also learn about the ethics and methods psychologists use in their science and practice. Students are expected (although not required) to take the Advanced Placement Psychology Exam.

AP United States History

(11, 12)

1 Unit, All Year

Course Number(s): 1HS4311AP (1st semester) **and**
2HS4311AP (2nd semester)

Prerequisite: None

Note: A 3.5 GPA in Social Studies courses and teacher or department chair recommendation. Should the student fail to meet these criteria, the parent and the student must sign a waiver. This course receives a weighted grade.

The AP United States History course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by a full-year introductory college course. Students should learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship. Students will work with political cartoons, artwork, music, architecture, speeches, essays, articles, graphs, films, maps, and books. Methods of instruction and evaluation include lecture, discussion, debates, a variety of written assignments, AP-style multiple choice questions, and oral presentations. Students are expected (although not required) to take the Advanced Placement United States History Exam.

ART

Drawing I

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS7341 (1st or 2nd semester)

Prerequisite: None

Students will acquire skills and vocabulary in drawing through guided daily practice. They will learn various compositional, drawing, and shading techniques through a variety of projects and media such as graphite, charcoal, colored pencil, and oil pastel. Students will develop observational skills, the ability to translate 3-Dimensional objects on to a 2-Dimensional surface, and how to employ the elements of art.

Drawing II

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS7342 (1st or 2nd semester)

Prerequisite: Successful completion of Drawing I

Students will expand skills acquired in Drawing I with more intensive study of the human figure and the use of additional media and techniques. Students will learn proportions of the human face and figure both for males and females. Students will predominately draw from live models. Students will learn skills and techniques with the following media: pencil, colored pencil, pastel, pen and ink, charcoal and mixed media. This course is recommended for students planning to take AP Studio Art.

Painting I

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS7321 (1st or 2nd semester)

Prerequisite: Successful completion of Drawing I

Students will learn the techniques and methods of painting with watercolor and acrylic paint. Students will work in realistic and abstract styles using various subjects. Applying the elements and principles of art and the knowledge of color theory, students will communicate their ideas visually.

Painting II

(10, 11, 12)

1/2 Unit, one semester

Course Number: HS7322 (1st or 2nd semester)

Prerequisite: Successful completion of Painting I

Students will continue to develop techniques and methods of painting in watercolor and acrylic paint. Students will have the opportunity to collaborate with their peers and work individually. Students will work in realistic and abstract styles using various subjects. Applying the elements and principles of art and the knowledge of color theory, students will communicate their ideas visually.

Ceramics I

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS7371 (1st or 2nd semester)

Prerequisite: None

Students will learn how to construct hand-built pottery using pinch, coil and slab methods of construction. They will expand their art vocabulary, learning ceramic tools, firing and hand building methods. Finally, students will learn glazing and other decorating techniques to complete successful designs in clay.

Ceramics II

(10, 11, 12)

1/2 Unit, one semester

Course Number: HS7372 (1st or 2nd semester)

Prerequisite: Successful completion of Ceramics I

Students will develop the skills and techniques of wheel-thrown pottery. Students will further develop the skills and techniques of hand-built pottery, glazing, and decorating which were introduced in Ceramics I. This course is recommended for students planning to take AP 3D Portfolio.

Sculpture I

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS7373 (1st or 2nd semester)

Prerequisite: None

Students will design and produce three-dimensional works in a variety of materials including cardboard, paper, wood, wire, plaster, fibers, and found objects. Students will study professional sculpture artists and use their work to inspire their own art making. Finally students will employ the elements and principles of art in the creation of their designs.

Sculpture II

(10,11, 12)

1/2 Unit, one semester

Course Number: HS7374 (1st or 2nd semester)

Prerequisite: Successful completion of Sculpture I

Sculpture II is a more in-depth exploration of Sculpture I. Students will be expected to build upon techniques learned in Sculpture I to create more advanced artworks as well as research master sculptors to inspire their work. There is a strong emphasis on concept development in this course, since basic building techniques have already been established. Students will employ the elements and principles of art in the creation of their designs.

Printmaking I

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS7351 (1st or 2nd semester)

Prerequisite: Successful completion of Drawing 1

Students will learn various printmaking techniques, tools and vocabulary. Students will explore processes such as linoleum cut, collagraph, and monoprint. They will create a variety of realistic and abstract compositions demonstrating their knowledge of the elements and principles of design.

Printmaking II

(10, 11, 12)

1/2 Unit, one semester

Course Number: HS7352 (1st or 2nd semester)

Prerequisite: Successful completion of Printmaking I

Students will build on their printmaking knowledge through more intricate designs and larger formatted prints. Students will expand upon the methods learned in Printmaking I—linoleum cut, collagraph, monoprint—with the addition of screen printing and other experimental processes.

Photography I

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS7388 (1st or 2nd semester)

Prerequisite: Successful completion of Drawing I

In this course, students will go over a brief history of photography and examine the role photography plays in their daily lives. They will study and connect with professional photographers through visiting artist presentations, research projects, and potential field trip experiences. Through the study of basic DSLR camera functions and the principals of photography, students will apply their knowledge to various assignments and edit them using Adobe Lightroom software. By practicing formal critiques of each project, students will be provided with the necessary analytical skills for Photography II.

Photography II

(10, 11, 12)

1/2 Unit, one semester

Course Number: HS7389 (1st or 2nd semester)

Prerequisite: Successful completion of Photography I

Students will further develop their knowledge of photography, building on basic principles of photography they learned in Photo I. This course will include furthering their study of the manual functions of a DSLR camera and Lightroom techniques. Assignments will include night and motion photography, advanced-themed portraiture, and advanced concepts. Students will refine their analytical skills through regular group critiques and discussion of their work and the work of others. Field trip opportunities to local galleries and studios, visiting artists, and student presentations will also enhance the course.

Graphic Design I

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS7385 (1st or 2nd semester)

Prerequisite: Successful completion of Drawing I

Students will learn the fundamental components for graphic communication, along with the basic foundations of design. This introductory course covers careers in graphic design, composition, typography, color theory, while engaging students in a variety of hands-on practices. This course may be eligible for college credit through UMSL.

Graphic Design II

(10, 11, 12)

1/2 Unit, one semester

Course Number: HS7386 (1st or 2nd semester)

Prerequisite: Successful completion of Graphic Design I

Students will study advertising, print and packaging in greater depth through intensive use of industry-standard programs, Adobe Photoshop and InDesign™. Brochures, flyers, magazine spreads, and product packaging, are a few things students will create as they develop essential skill-sets deemed necessary for designers. This course may be eligible for college credit through UMSL.

Graphic Design Production Studio

(10, 11, 12)

1/2 Unit, one semester

Course Number: HS7392 (1st or 2nd semester)

Prerequisite: Successful completion of Graphic Design II and Teacher Approval

This is an advanced course that acts as the production center for GCAA. Departments will commission the students to create posters, invitations, playbills, programs etc. for their department events. Students will have the chance to create various portfolio-ready products, while gaining valuable real-world experience and application.

Art History I

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: 1HS7361 (1st semester)

Prerequisite: None

Students will focus on the history of Western Art 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.

Art History II

(10, 11, 12)

1/2 Unit, one semester

Course Number: 2HS7362 (2nd semester)

Prerequisite: Successful completion of Art History I

Students will focus on Contemporary Art. The curriculum is developed around current exhibitions in local Art Museums and Galleries such as the Contemporary Art Museum, The Sheldon, Craft Alliance, and the International Photography Hall of Fame. This will provide a specialized and unique learning opportunity where students will not only learn about the art, but get to experience it for themselves.

AP Studio Art

(11, 12)

1 Unit, all year

Course Number(s): 1HS7390AP (1st semester) **and**
2HS7390AP (2nd semester)

Prerequisite: Passing grades in four semesters of high school art including at least one advanced level course (Drawing II, Painting II, Graphic Design II, Photography II, Sculpture II, or Ceramics II).
Recommendation from a previous art teacher. Portfolio reviewed and accepted by AP instructor.

Note: A grade of A or B is recommended in previous art courses.

AP Studio Art has been developed to accommodate serious art students who have expressed an interest in furthering their education in art during college. Through studio practice, application of design concepts and informed decision making, these students will assemble a body of artwork that demonstrates a high level of quality and growth over time of content, technique, and process. Students will choose one of three portfolio options to complete: Drawing Portfolio, 2-D Design Portfolio, or 3-D Design Portfolio.

The Quality section of the portfolio is five pieces of work that are chosen from breadth and concentration and sent to the AP Board for judging.

The Concentration section of the portfolio will consist of 12 high quality artworks that clearly demonstrate that the student has developed a body of work by investigation of a theme or idea. The concentration section must show growth and discovery.

The Breadth section of the portfolios will consist of 12 artworks that show a variety of mediums, techniques, approaches to drawing, 2-D design, or 3-D Design. The students should clearly demonstrate their knowledge of the elements and principles of art in these works. Units of study will be presented to satisfy this requirement for each portfolio.

Art Independent Study

(12)

1/2 Unit, one semester

Course Number(s): HS99INDVA (1st or 2nd semester)

Prerequisite: Students must have a B or higher in arts courses and teacher recommendation for the specific area of study they choose.

This is an opportunity for students to specialize in a specific area of art, but would not be as intensive as AP Portfolio. Students can use the products from this class in their AP portfolio. Students must be self-motivated, and able to manage their own deadlines for art projects. Students will produce a minimum of 6 artworks over the semester. Teacher recommendation from an Art teacher in their specific area of study is required to enter this course.

DANCE

Ballet I

(9, 10, 11, 12)

1 Unit, all year

Course Number (s): 1HS7021 (1st semester) **and**
2HS7021 (2nd Semester)

Prerequisite: Level placement by audition and instructor permission.

Ballet I is for the student with previous study and experience. Ballet I students are expected to work with emphasis on their coordination with the torso, arms and head. In addition, proper distribution of body weight, mastery of the positions of the feet and arms, turnout, correct placement, and moving across the floor with jumps and turns are developed. The basic ballet directions are taught in the center. Simple jump combinations are taught and reversed. Pirouettes in the basic positions are taught.

Ballet II

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7022 (1st semester) **and**
2HS7022 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

Students selected for this course will be expected to demonstrate techniques from Foundations and Level I. Exercises done at the barre develop greater speed, strength, flexibility and coordination of the legs, torso, arms and head. More barre-work is done on demi-pointe for increased strength and balance. Stretches are given to develop increased flexibility in the hips and legs for higher extensions and better turn out. The basic ballet directions and Pirouettes in basic positions are mastered in the center. Big jumps traveling across the floor focus on covering space.

Ballet III

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7023 (1st semester) **and**
2HS7023 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

Students selected for this course must be proficient in all ballet technique covered in Foundations and Levels I and II. This level develops strength and flexibility with the execution of more complicated combinations at the barre and in the center. Students must be able to use different dynamics of movement, including more complex adagio, petite allegro and grande allegro. Sequences become more complex and efficient alignment while moving is expected.

Ballet IV

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7024 (1st semester) **and**
2HS7024 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

This course is a continuation of Level III with an increased emphasis on developing larger, more expansive movements that test the dancer's strength and stability. Higher extensions, multiple pirouettes, petit allegro, grand allegro with quick transfer of weight and the power of the legs and body are emphasized. Students are expected to learn more complex classical ballet terminology. The study of Pointe technique could be introduced at this level with teacher approval. Pointe work is designed to build strength, articulation and flexibility of the feet, legs and torso while developing the ability to control the balance on pointe.

Contemporary/Modern I

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7031 (1st semester) **and**
2HS7031 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

This course focuses on the study of various techniques including Graham, Hawkins, Horton, and Post-Modern technique. Emphasis is placed upon technical strength and vocabulary. Initial focus will be on linear lines: flat backs, lateral stretches, release swings, leg swings and deep lunges. Many of the beginning level studies focus on the Achilles tendon, the abdominal muscles, and movements that lengthen the spine and the hamstring muscles. The class will be divided into 3 segments: floor-work, standing work in the center, and combinations that travel across the floor. Simple combinations of movements are taught to introduce musicality and dynamics.

Contemporary/Modern II

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7032 (1st semester) **and**
2HS7032 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

This course uses the basics from Level I with more variations. Many of the positions and shapes developed prior are used in turns, jumps and in combinations of movement. More demanding studies are added which require more stretch. The movements across the floor are longer and require more concentration and focus from dancers. The ability to execute complex technical and musical combinations with knowledge of stage and musical terms is expected.

Contemporary/Modern III

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7033 (1st semester) **and**
2HS7033 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

Students selected for this course are expected to demonstrate technical proficiency in modern dance technique. The warm-up incorporates many complicated and demanding dance phrases. Style, performance, quality, and dynamics are emphasized. The execution of complex rhythmical combinations is required. Correct placement as well as performance style and skill will be emphasized. This level will focus on building a stronger movement vocabulary, increased dynamic range and more control.

Contemporary/Modern IV

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7034 (1st semester) **and**
2HS7034 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

Students selected for this course are expected to demonstrate technical proficiency in modern dance technique. Opposition and weight shifts are emphasized, building a stronger movement vocabulary, increased dynamic range and more control. Standing work in the center develops more stamina, balance, control, flexibility and expanded sense of movement through extended combinations. Longer traveling combinations use difficult rhythms along with more complicated movement phrases that call for dramatic expressiveness, use of weight and musicality.

Jazz Technique I

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7051 (1st semester) **and**
2HS7051 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

This course offers practical experience in basic jazz techniques through discussion and movement. Choreography and performance are also covered. Emphasis is on the development of coordination, flexibility, proper body awareness and alignment required to dance the combinations and routines.

Jazz Technique II

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7052 (1st semester) **and**
2HS7052 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

Students selected for this course will extend their experience and practice in the areas of flexibility, strength, body alignment and performance techniques learned in Jazz I. Emphasis will also be placed on the speed at which students retain and execute combinations and routines. A variety of jazz styles will be explored with more complex patterns and physically demanding moves.

Jazz Technique III

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7053 (1st semester) **and**
2HS7053 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

Students selected for this course will extend their experience and practice in the areas of flexibility, strength, body alignment and performance techniques learned in Jazz I. Emphasis will also be placed on the speed at which students retain and execute combinations and routines. A variety of jazz styles will be explored with more complex patterns and physically demanding moves.

Tap I

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7061 (1st semester) **and**
2HS7061 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

This course provides the student with practical experience in basic tap dance techniques. Emphasis is on foot dexterity, coordination, and rhythm. Students perform basic warm-up exercises, learn how the tap shoe is used to make the different sounds, learn tap combinations of steps and dance routines. Basic tap terminology is also covered.

Tap II

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7062 (1st semester) **and**
2HS7062 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

This course provides the students with an expanded knowledge of tap dance techniques beyond the basic fundamentals. Combinations and routines will take on a higher level of proficiency with emphasis on style and dynamics in their execution of more advanced steps. Students will develop the strength and agility to perform faster and more complex rhythms. This class develops foot dexterity and coordination and presents fundamentals of classical and modern tap. Emphasis will be placed on musicality, articulation, speed, control, timing, style, and intricate rhythms.

Commercial Dance

(11, 12)

1/2 Unit, one semester

Course Number(s): HS7018 (1st or 2nd semester)

Prerequisite: Successful completion of two semesters of Jazz Technique and instructor approval.

This course focuses on dance styles and movement techniques utilized in the commercial industry. It will cover jazz funk, hip hop, commercial contemporary, and other areas of study that will provide a comprehensive, integrated approach to the professional dance world for stage, film, and television opportunities. Students will discuss techniques for successful auditions, create a competitive resume, and compose a dance reel. This course will include the study and application of the ideas, styles, and works of commercial dance choreographers on stage, television, and film.

Dance Composition

(11, 12)

1/2 Unit, one semester

Course Number: HS7012 (1st or 2nd semester)

Prerequisite: Successful completion of two semesters of Jazz Technique and instructor approval.

This course is designed for students who are interested in studying the basic concepts and applications of dance composition and choreography. Students will learn to generate and manipulate movement through exercises and improvisation and will expand those skills into shaping dances. Principles and skills will be taught through the practice of assigned projects, analysis, and the creation and performance of a complete work. Course material will also include video viewings, attendance at a live dance performance, and reading assignments. Basic concepts such as space, phrasing, timing, image, energy, density, and partnering are introduced and explored along with attention to the roles of inspiration and synthesis in the creative process. Students will work alone and in groups on weekly movement assignments. This course will also focus on the development of critical awareness and thinking skills in analyzing and evaluating their own work and the work of others.

MUSIC

Music Theory I (Task I)

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number(s): 1HS7211 (1st semester only)

Prerequisite: None

Note: Students must have the ability to read musical notation as well as demonstrate performance competency on an instrument or in voice.

Music Theory I is designed to encompass an in-depth study of the fundamental elements of music: pitch, rhythm, melody, harmony and form; and to explore the theoretical constructs of the 17th, 18th, 19th, and 20th centuries. Through improvisation, composition, analysis, critical listening and performance, the elements of music will be examined for their distinctive roles in musical organization. The course will also provide an overview of the historical, cultural, and artistic setting of the works utilized for illustrative purposes.

Music Theory II (Task II)

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: 2HS7212 (2nd semester only)

Prerequisite: Successful completion of Music Theory I

The course is designed to encompass an in-depth study of the fundamental elements of music and promote fluency and quickness with basic music materials. Such courses normally integrate the study of melody, harmony, texture, rhythm, and form. Time is devoted to the analysis of notated examples; to the development and acquisition of aural (listening) skills, sight singing, and keyboard harmony; and to part writing and harmonization. The student who successfully completes such a course should be able to recognize and describe basic materials and processes of music as performed or presented in score. Students should understand the "why" of music as well as the "what". The primary emphasis in such courses normally falls on skills and concepts related to the system of major-minor tonality, although college courses may sometimes include a brief introduction to twentieth century techniques and terminology. Equally important, Music Theory II students develop a unique melding of intellect, discipline, and creativity which is integral to the development of musicianship.

Music Appreciation

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS7285 (1st or 2nd semester)

Prerequisite: None

This course is designed to acquaint students with the elements of music including, but not limited to, its history, fundamentals of theory, and genres. Students will have a brief overview of the major composers and their music through class lectures, listening to musical examples in class, reading the text, listening to musical examples provided, actively engaging in class discussions, attending live concerts of suggested performances, and completing research papers and/or oral presentations pertinent to the course material. The course content includes, but is not limited to, early musical forms, classical music, American jazz, modern traditions, including gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip hop. The course will also explore the relationship between music and social movements.

Class Piano

(10, 11, 12)

1/2 Unit, one semester

Course Number(s): 1HS7260 or 2HS7260 (1st or 2nd semester)Prerequisite: Piano experience and permission of the instructor; successful completion of Music Theory II

The purpose of this course is to acquaint the student with the piano as a performance and social instrument. Students are exposed to a variety of repertoire and activities that create the skills to play the instrument and build basic musicianship. The student is responsible for his/her rate of progress. Students will perform periodically during this course.

Class piano is designed to teach the concepts and fundamentals needed to perform on the piano. It will increase musical understanding beyond just reading notes by teaching students a vocabulary of chords and keys, accompaniment patterns, and improvisational techniques. Students will play melodies in several positions and have the opportunity to participate in ensemble playing. Students will develop good practice habits, and learn techniques to increase the muscular agility and flexibility of their hands. We will delve into music at its source, find out how music is constructed, and discover the composers and history behind the music.

Concert Choir Bass

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7132 (1st semester) **and**
2HS7132 (2nd semester)

Prerequisite: None

Concert Choir Bass (CCB) serves as an introduction to high school level choral music from a wide variety of cultures and time periods. This ensemble is comprised of only tenor and bass voices. This choir will focus on year-long curricular goals which are continually being reinforced, as well as specialized units for specific periods of the semester. The year-long curriculum emphasizes the basics of vocal technique, reading musical notation, rehearsal etiquette, sight-reading, and cultural relevance. Units of study will include posture, breathing, and fundamentals of choral singing; concert/contest preparation; Italian art songs; anatomy of singing; choral genres; Italian music vocabulary; sight-singing; and choral music analysis.

Concert Choir Treble

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7231 (1st semester) **and**
2HS7231 (2nd semester)

Prerequisite: None

Concert Choir Treble (CCT) serves as an introduction to high school level choral music from a wide variety of cultures and time periods. This ensemble is comprised of only alto and soprano voices. This choir will focus on year-long curricular goals which are continually being reinforced, as well as specialized units for specific periods of the semester. The year-long curriculum emphasizes the basics of vocal technique, reading musical notation, rehearsal etiquette, sight-reading, and cultural relevance. Units of study will include posture, breathing, and fundamentals of choral singing; concert/contest preparation; Italian art songs; anatomy of singing; choral genres; Italian music vocabulary; sight-singing; and choral music analysis.

Advanced Treble Choir

(9, 10, 11, 12)

1 Unit, All Year

Course Number(s): 1HS7233 (1st Semester) **and**
2HS7233 (2nd Semester)

Prerequisite: **Audition Requirement**—Students must audition and receive permission of the instructor.

Advanced Treble Choir is an auditioned choir consisting of only alto and soprano voices. This ensemble works to perform choral music at its finest level and aims to develop independent musical leadership skills. This ensemble focuses heavily on competitions for the group as whole, solos, and smaller ensembles. Participation in this ensemble includes performing at MSHSAA events. Students not meeting MSHSAA eligibility will not be permitted to participate in those events and will be responsible for completing an alternate assignment.

Camerata

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7231A (1st Semester) **and**
2HS7231A (2nd Semester)

Prerequisite: **Audition Requirement**—Students must audition and receive permission of the instructor.

Camerata is an auditioned chamber choir consisting of students who seek to create choral music of varied repertoire. Camerata is an active performing ensemble in the school and community. This ensemble focuses heavily on competitions for the group as a whole, solos, and smaller ensembles.

Participation in this ensemble includes performing at MSHSAA events. Students not meeting MSHSAA eligibility requirements will not be permitted to participate in those events, and may be responsible for an alternate activity or assignment.

Concert Orchestra

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7251 (1st Semester) **and**
2HS7251 (2nd Semester)

Prerequisite: Instructor approval

Concert Orchestra is aimed at high school students that have chosen strings as their pathway. Concert orchestra meets every other day and students are expected to perform at a mature level, have a good understanding of the fundamentals of music, and be proficient on their instrument. The ensemble is a performing group that presents concerts and participates at festivals and clinics and community service events. Students are required to attend all performances and extra rehearsals, to supply parts of the orchestra uniform, and to supply accessories to their instruments. Grade evaluation is based on written examinations, skill improvement on instruments, daily participation, and attendance at performances.

High School Band (9, 10, 11, 12) 1 Unit, all year

Course Number(s): 1HS7264 (1st Semester) **and**
2HS7264 (2nd Semester)

Prerequisite: Successful completion of or concurrent enrollment in Music Theory I and Music Theory II. Audition and permission from the instructor. The audition will include Scales and Arpeggios in the major keys of Concert Bb, Eb, F, Ab, and C, the minor keys of Concert G Harmonic and C Harmonic, as well as a one-octave chromatic scale. Students will also be asked to sight-read a short 8 measure excerpt.

In this class students will have the opportunity to continue developing the skills and techniques of symphonic band performance. The specific aim of the band program is to enable students to communicate effectively through instrumental music and to understand and value a variety of musical and cultural expressions throughout life.

Participation in this ensemble includes performing at MSHSAA events. Students not meeting MSHSAA eligibility requirements will not be permitted to participate in those events, and may be responsible for an alternate activity or assignment.

High School Beginning Guitar

(9, 10, 11, 12)

1 Unit, all year

Course Number(s) 1HS
2HS

Prerequisite: None

Guitar I is the first level of the guitar program at Grand Center Arts Academy. In this class students will have the opportunity to learn the fundamentals of classical and general guitar performance. The specific aim of the guitar program is to enable students to communicate effectively through instrumental music and to understand and value a variety of musical and cultural expressions throughout life.

By participating in the Grand Center Arts Academy guitar program, students will:

- Learn basic skills such as tuning and care of their instrument, proper playing posture, tone production and playing techniques for their instrument.
- Learn basic music theory and music vocabulary such as reading and understanding musical notation and symbols.
- Acquire the skills, abilities, understandings and attitudes necessary to express themselves musically as individuals and as members of an ensemble
- Perform in at least 2 Concerts
- Be able to make informed decisions both as producers and consumers of music
- Value and appreciate music from a variety of cultural and historical contexts and understand the role of music in daily life.

High School Guitar Ensemble

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7252 (1st Semester) **and**
2HS7252 (2nd Semester)

Prerequisite: Audition and permission from the instructor.

Students will have the opportunity to continue developing the skills and techniques of classical guitar performance. The specific aim of the guitar program is to enable students to communicate effectively through instrumental music and to understand and value a variety of musical and cultural expressions throughout life

Jazz Ensemble

(9, 10, 11, 12) 1 Unit, all year

Course Number(s): 1HS7265 (1st Semester) **and**
2HS7265 (2nd Semester)

Prerequisite: Audition and permission from the instructor in addition to concurrent enrollment in another performance music course

Students will develop jazz performance skills in a small ensemble/combo setting. Topics of study include, but are not limited to, various jazz styles and periods, improvisational techniques, transcription of jazz tunes and solos, comping, and jazz theory concepts. Heavy emphasis is placed on learning repertoire by listening to audio recordings. This program operates in partnership with Jazz St. Louis.

Music Technology

(11, 12)

1/2 Unit, one semester

Course Number: HS7263 (1st or 2nd semester)

Prerequisite: Successful completion of Music Theory II

Students will learn fundamental physics principles related to sound, while using technology to produce MIDI sequences, loop-based arrangements and compositions, and digital multitrack audio recordings. Students will be trained in live audio reinforcement equipment and techniques. Students will discover and explore introductory concepts used in music sequencing, notation and recording. Students will also create music using sequencing/editing software, synthesizers and drum machines. Students interested in the current methods of music creation and production should consider taking this course. Students will examine legal and ethical issues regarding the production and distribution of digital media in today's society.

AP Music Theory

(11, 12)

1 Unit, All Year

Course Number(s): 1HS7221AP (1st semester) **and**
2HS7221AP (2nd semester)

Prerequisite: Successful completion of Music Theory II

Note: A grade of A or B is recommended in previous music courses. This course receives a weighted grade. Since a basic core of musical knowledge is necessary to begin the study of music theory, participation in one of the performing organizations at GCAA is strongly advised.

This Advanced Placement honors course is designed to provide a fundamental understanding of music theory, music analysis and music composition. A wide and diverse battery of home assignments and classroom drill will lead students to an understanding of more specific musical skills such as aural and written musical analysis, inner-hearing, sight-singing, familiarity with cultural and historical perspectives, music composition and critical interpretation and comparison. While music performance is not the direct focus, understanding from the course will make the student a better performing musician by increasing intuitive awareness and critical understanding and interpretation. As the course progresses, topics covered will include harmonic analysis, Schenkarian reduction analytical techniques, serial composition procedures, compositional projects including arranging, theme and variations, and use of computer assisted notational and sequencing programs. Students are expected (although not required) to take the AP Music Theory exam.

THEATRE ARTS

*Course is repeatable for elective credit

Theatre Perspectives

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS7190 (1st or 2nd semester)

Prerequisite: None

Designed to trace the development of theatre from ancient times to the present; students examine historical and artistic activity through the lens of dramatic literature. Stressing the relationship between social, religious, and political pressures, these courses touch on major figures and movements in Western and non-Western cultures in order to provide context and understanding of the evolution of theatre.

Stagecraft

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS7180 (1st or 2nd semester)

Prerequisite: None

Note: This course receives a Practical Art credit.

Course designed to teach the theory and practice of the scenic artist's craft. Elements of construction, lighting, engineering, painting, and safety are emphasized both in the classroom and by practical application during productions.

Shop

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS7387 (1st or 2nd semester)

Prerequisite: None

Note: This course receives a Practical Art credit.

This class introduces the students to the safe use of various tools and building techniques used in creating sets for the theatre. Students will build flats, three dimensional constructs, paint and assemble scenery for the shows that the Theatre and Dance Department are presenting.

Acting I

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7161 (1st semester) **and**
2HS7161 (2nd semester)

Prerequisite: None

Students are introduced to time-honored acting methods introduced by Konstantin Stanislavski and modified in America by Lee Strasberg, Sanford Meisner, Stella Adler, and Uta Hagen. The students' focus in this course is on the development of the individual actor. Play analysis and understanding of Stanislavski's use of objectives and action verbs to create believable and truthful interpretations are combined with various techniques and exercises to help deepen the student's awareness of themselves as an interpreter of the human condition.

Acting II

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7162 (1st semester) **and**
2HS7162 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

This class builds upon Acting I, deepening the students understanding and application of these fundamentals. In this course scene work and ensemble interaction is the focus. The first semester introduces students to the use of action verbs and the process of developing physical activities for their characters. The second semester applies these techniques to the performance of scenes from the Golden Age of American Realism.

Acting III

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7163 (1st semester) **and**
2HS7163 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

The first semester of this year long course introduces the students to the plays and history of the Elizabethan Era. Focus is on breath and vocal development as well as building up knowledge in textual analysis, scansion and the application of historical research to the interpretation of classical plays. Using Sonnets, Soliloquies and Scenes from some of the major playwrights of this era (Shakespeare, Marlowe and Webster), the students grow in their confidence to present classical works.

The second semester of this class explores the plays of the European Realist period, the history and development of modern acting techniques and the influence of the scientific, social and psychological developments upon the understanding and presentation of modern theatre. The works of Henrik Ibsen, Anton Chekhov, August Strindberg, George Bernard Shaw and Oscar Wilde are read, researched and used for the bases of scene and monologue study and presentation.

Acting IV

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7164 (1st semester) **and**
2HS7164 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

The final year in acting is focused on contemporary drama and preparing the student for auditioning and their next steps in the pursuit of a performance career. The first semester will be an exploration in the trends of contemporary theatre. Students will explore current plays as well as various performance categories such as devising new works and performance art. The second semester will introduce the student to theatre as a business. We will discuss the realities of being a working artist, tools and survival skills as well as audition technique for the camera, cold readings and monologue presentations.

Movement for Actors I

(10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7185 (1st semester) **and**
2HS7185 (2nd semester)

Prerequisite: None

Instruction and exercises in developing the performer's physical instrument. Students are exposed to movement techniques that will increase their tools for approaching character, emotional states, ensemble playing, and the creation of new work. This class explores expressive movement, basic mime techniques, yoga for breath, strength and flexibility, Viewpoints and work in the Neutral Mask.

Movement for Actors II

(10, 11, 12)

1 Unit, all year

Course Number(s): 1HS7186 (1st semester) **and**
2HS7186 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

The first semester of this course builds upon the Neutral Mask work in the final unit of Movement I. The students are introduced to the history, influence and stock characters of the Commedia dell'Arte. The masks of the Dottore, Pantalone, Arlechino, Zanni and Capitano are explored. Learning first the physicality and personality of the characters, the students then begin to improvise with one another adding the masks to bring the interpretation of the character to its fullest realization. The second semester delves into the Dramatic Territories of Tragedy, Melodrama, Farce and Clowning.

Musical Theatre and Vocal Coaching I (10, 11, 12) 1 Unit, all year

Course Number(s): 1HS7170 (1st semester) **and**
2HS7170 (2nd semester)

Prerequisite: None

In this course, students are introduced to basic vocal techniques, music theory, musical theatre dance styles (Jazz) and acting techniques.

Musical Theatre and Vocal Coaching II (10, 11, 12) 1 Unit, all year

Course Number(s): 1HS7093 (1st semester) **and**
2HS7093 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

In this course students are introduced to the Golden Age of the American Musical. They are assigned songs and group numbers while continuing to work on dance (Period Dance), acting, and history. In the second semester the students perform their work in a public showcase.

Musical Theatre and Vocal Coaching III (10, 11, 12) 1 Unit, all year

Course Number(s): 1HS7094 (1st semester) **and**
2HS7094 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

This course builds on vocal and acting techniques while expanding the student's song repertoire. Focus on building a diverse song book for auditions with various styles of vocal music as the student prepares for his/her capstone. The capstone is a public showcase that presents the student's strongest songs and singing styles.

Musical Theatre Dance I (9, 10, 11, 12) 1 Unit, all year

Course Number(s): 1HS70931 (1st semester) **and**
2HS70931 (2nd semester)

Prerequisite: None

Students are introduced to the fundamental concepts of ballet in order to provide fundamental and sound technique used in musical theatre. Specific focus is given to proper alignment, placement, strength and flexibility development, while incorporating fundamental elements of musicality, rhythmic structure, and artistic expression found in the jazz style of musical theatre dance.

Musical Theatre Dance II

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS70932 (1st semester) **and**
2HS70932 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

Students will discover the sound traditions and origins of jazz dance/Afro Cuban, Broadway, and Contemporary Jazz styles of dance. These styles are rooted in sound technique, alignment, musicality, rhythmic structure, turns, leaps, adagio, and complex patterns and physically challenging choreographic sequences.

Musical Theatre Dance III

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS70933 (1st semester) **and**
2HS70933 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

This course focuses on the social dances of various periods which have influenced current trends of musical theatre dance. Concentration will be given to researching authentic social dances displayed in classical musicals such as; 42nd Street, Bubbling Brown Sugar, My One and Only, as well as resource material, film footage, and recordings representing the rich and varied traditions derived from these periods of enormous creativity.

Musical Theatre Dance IV

(9, 10, 11, 12)

1 Unit, all year

Course Number(s): 1HS70934 (1st semester) **and**
2HS70934 (2nd semester)

Prerequisite: Level placement by audition and instructor permission.

This course focuses on more contemporary approaches of musical theatre dance, such as Tap, Hip/Hop/, and Contemporary. Specific focus will be given to students' abilities to adapt to different styles, musicality, artistic expression, and the ability to pick up combinations in an audition experience. Students will have comprehensive exposure to professionals in the musical theatre business, workshops, conferences, and audition opportunities.

Theatre Technology and Management*

(11, 12)

1/2 Unit, one semester

Course Number: HS7183 (1st or 2nd semester)

Prerequisite: Teacher approval; Successful completion of Shop, Stagecraft, Acting 1, Drawing 1, and Theatre Perspectives

This course will expose students to the various issues and trends in arts management, lighting, sound, and stage management. Topics covered will include, but are not limited to, foundations and theories of lighting and sound design, programming and paperwork, stage management organization, safety and paperwork, audience development, fund-raising, public relations, marketing, arts education, and general programming. In addition to classroom assignment, students will learn about arts management through practical work experience on school productions.

Capstone Project/Portfolio/Theatre Business

(12)

1/2 Unit, one semester

Course Number(s): HS7384 (1st or 2nd semester)

Prerequisite: Teacher approval

Graduating seniors in the Theatre Pathway (Musical Theatre, Acting and Technical Theater) will present a final Capstone project that highlights what they have learned in their course of study. The presentation will combine the work of the student's four-year theatre curriculum manifesting into a senior project that each student will design, produce, choreograph, direct, rehearse, and present to the public. From this the student will create a portfolio/resume/reel of their work over the course of their pathway studies. This will be presented along with the showcase. The portfolio serves as a tool to present to colleges and universities if the student decides to pursue a career in their chosen field or specialty.

PHYSICAL EDUCATION

Two semesters of physical education are required for graduation. In addition, one semester of Health is required for graduation.

High School PE

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS8011 (1st or 2nd semester)

Prerequisite: None

In this course students develop skills and knowledge about team sports, individual, dual sports, and lifetime activities. Some team sports that we will do are team handball, ultimate frisbee, indoor soccer and iceless hockey. Some individual and dual sports that we will do are pickle ball, badminton and other individual and dual activities. Additional sports and activities will be based on teacher discretion and facility/field availability.

Strength and Aerobic Training and Conditioning

(10, 11, 12)

1/2 Unit, one semester

Course Number: HS8211 (1st or 2nd semester)

Prerequisite: Successful completion of High School PE

NOTE: This class may be taken two semesters for credit.

This class is designed for those students interested in total body conditioning and who want to improve their fitness and are willing to put in the work. This class will include working out, lectures, and homework. Class will begin with warming up to prepare muscles for the workout and end with cool down stretching in order to prevent injuries and soreness. With working out on a daily basis we encourage students to have met with their doctors recently and also be aware that soreness and injuries can occur. The class may include but not limited to some of the following aerobics, circuit training, fitness walking, nutritional analysis, and yoga.

Individual/Dual Sports and Lifetime Activities

(9,10, 11, 12)

1/2 Unit, one semester

Course Number: HS8111 (1st or 2nd semester)

Prerequisite: Successful completion of High School PE

NOTE: This class may be taken two semesters for credit.

This is a class where students can have fun while improving their physical fitness and open their minds to lifetime activities. Students are provided an opportunity to interact in cooperative learning situations and to develop socialization skills. A variety of activities are offered to keep the excitement high throughout this class. This class is designed to allow students to try games that are fun and different that can last a lifetime. We begin each day with jogging and stretching to properly warm up before the activity starts and end each class with some cool down stretches to help prevent injuries. The activities chosen may include but are not limited to pickle ball, badminton, four square, bowling, shuffleboard, and an assortment of lawn games.

Team Sports

(9,10, 11, 12)

1/2 Unit, one semester

Course Number: HS8012 (1st or 2nd semester)

Prerequisite: Successful completion of High School PE

NOTE: This class may be taken two semesters for credit.

This is a class where students can have fun while improving their physical fitness. Students are provided an opportunity to interact in cooperative learning situations and to develop socialization skills. A variety of activities are offered to keep the excitement high throughout this class. Team sports also give some of our students the opportunity to participate in a sport activity they normally would not. We begin each day with jogging and stretching to properly warm up before the activity starts and end each class with some cool down stretches to help prevent injuries. The activities chosen may include but are not limited to indoor soccer, kickball, whiffle ball, mat ball, floor hockey, and team handball.

High School Health

(9, 10, 11, 12)

1/2 Unit, one semester

Course Number: HS8021 (1st or 2nd semester)

Prerequisite: None

The focus of this class will be on the Missouri Health Standards. It will include: structures of, functions of and relationships among human body systems; principles and practices of physical, mental, social, and emotional health (such as but not limited to, personal health habits, nutrition, stress management); diseases and methods for prevention, treatment and control; methods used to assess health, reduce risk factors, and avoid high risk behaviors (such as violence, tobacco, alcohol and other drug use); and consumer health issues.

WORLD LANGUAGE

In addition to offering Spanish I and Spanish II in the traditional classroom setting, GCAA also offers World Language options through student licenses with Rosetta Stone. Languages offered in the language lab include, but are not limited to: Spanish, French, German, Chinese, and Japanese. There is a \$15 non-refundable fee for headphones w/microphone. Further, in order to remain in the course second semester, students must demonstrate a minimum of 45% course completion by the end of first semester.

Foreign Language Lab (Rosetta Stone) (9, 10, 11, 12) 1 Unit, all year

Course Number(s): 1HSLANG (1st Semester) **and**
2HSLANG (2nd Semester)

Prerequisite: None

Spanish I (traditional classroom setting) (9, 10, 11, 12) 1 Unit, all year

Course Number(s): 1HS5011 (1st semester) **and**
2HS5011 (2nd semester)

Prerequisite: None

Spanish I is an elective course for students who have not yet studied Spanish. Basic structure and grammar will be covered. This course also encourages conversation and composition based on basic vocabulary. Cultural activities introduce the student to Spanish-speaking countries.

Spanish II (traditional classroom setting) (9, 10, 11, 12) 1 Unit, all year

Course Number(s): 1HS5012 (1st semester) **and**
2HS5012 (2nd semester)

Prerequisite: Successful completion of Spanish I

Note: Successful completion of this class fulfills the two years of World Language currently required for admission by many colleges and universities. Students should consult their institution of higher learning for specific requirements.

Spanish II is a continuation of Spanish I and offers greater opportunity to carry on conversation and to write in class. It reviews the structure, grammar, and vocabulary taught in Spanish I and develops and expands these areas. Cultural activities provide a more in-depth study of Spanish speaking countries.

ADDITIONAL COURSE OFFERINGS

Personal Finance*

(10, 11, 12)

1/2 Unit, one semester

*required

Course Number: HS6010 (1st or 2nd semester)

Prerequisite: None

NOTE: This course fulfills the Personal Finance graduation requirement.

This course is designed to help students understand, manage, and create personal financial success. Students will learn about investment, banking, taxes, credit, savings, careers, and advertising. Students will build a winning resume and sharpen their interview skills as they prepare for life.

Life After High School

(11, 12)

1/2 Unit, one semester

Course Number: HS6015 (1st or 2nd semester)

Prerequisite: None

Note: This course receives a Practical Art credit.

This is a comprehensive course with an overall focus to prepare students for independent living. Students will study food selection, nutrition, meal preparation, and planning with regard to their lifestyle, focusing on convenient and quick food preparation suitable for a young adult. Other areas covered will be the risks and benefits of technology, as well as clothing, maintenance, care, selection, and the building of a professional wardrobe. Students will address health and medical issues they may face on their own, as well as investigating insurance, travel needs, and related expenses with housing accommodations and leases. Students will compile a notebook/survival guide throughout the course.

Makerspace: STEAM Innovation Lab: Entrepreneurship in the 21st Century

(9,10, 11, 12)

1/2 Unit, one semester

Course Number: HS9718 (1st or 2nd Semester)

Prerequisite: None

Note: This course receives practical art credit.

Course Description: Using the design thinking process, students will learn about entrepreneurship as it's related to current trends and work collaboratively to develop, market and implement a class designed business. Students will use STEAM skills to explore and produce an effective business model that will culminate in a live business experience.

Computer Science Principles

(9, 10, 11, 12)

1 Unit, all year

Course Number(s):

Prerequisite: None

Note: This course receives elective credit.

Course Description: Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing, so all students understand how these concepts are transforming the world we live in.

Cadet Teaching

(11, 12)

1/2 Unit, one semester

Course Number(s): 1HS6015 or 2HS6015 (1st or 2nd semester)

Prerequisite: The student must have a 3.0 cumulative GPA, attendance within the school's acceptable limits, no record of in-school or out-of-school suspensions, excellent teacher recommendation, and minimum of B in the course for which he/she plans to Cadet teach. An application and teacher approval must be submitted.

Note: This course receives elective credit.

The purpose of this class is to give high school juniors and seniors interested in becoming teachers, pre-vocational information and experience. The program consists of: a) classroom instruction using the Cadet Teaching Curriculum and b) field work with a cooperating teacher at the secondary level.

Cadet Teaching field work hours may be used for students enrolled in the A+ program to fulfill a portion of the tutoring/mentoring requirements.

Teacher Aide

(12)

No credit

Course Number(s): 1HS9920 or 2HS9920 (1st or 2nd semester)

Prerequisite: An application with teacher approval must be submitted

Note: This course does not receive credit.

Students who desire to work for in a classroom with a specific teacher may acquire permission. Duties could include delivering mail and hall passes, assembling mailings, and various office tasks. No credit is given for the work, although the experience gained through the use of interpersonal skills would be beneficial.

Study Hall

(9, 10, 11, 12)

No credit

Course Number(s): 1HS9000 or 2HS9000 (1st or 2nd semester)

Prerequisite: None

Note: This course does not receive credit.

Students may enroll in one Study Hall per semester.

Project Interface

Project Interface provides an opportunity for high school seniors to apply their skills in a real world situation. Interface provides a unique partnership between corporations and a team of students or an individual student. Businesses contribute time, expertise and the resources of their professional staff, while GCAA students offer energy and enthusiasm in completion of a project or observation and research that meets the needs of the corporate partner.

Project Interface is designed and intended to reinforce skills taught in the classroom environment by providing the opportunity for practical application in a corporate setting. Those specific skills are in the areas of:

Written communication	Computer Technology Application
Oral Communication	Self-directed learning
Interpersonal Skills	Problem solving/Decision making

Project Interface

(12)

1/2 Unit, one semester

Course Number(s): 1HS6111 or 2HS6111 (1st or 2nd semester)

Prerequisite: Students must complete an application, submit two teacher recommendations and one counselor recommendation, and approval of the Project Interface Supervisor. Students must have a 3.0 GPA at the end of their sophomore year to participate in the program.

Note: This course receives practical art credit.

The Interface projects are custom-designed around basic objectives combined with products or services specific to the participating business partner. The students work on a team or individual student internships under the direction of the business partner and the Project Interface Supervisor to complete their project assignment. All interface students must attend an orientation and training and will receive instruction on documenting the progress of their project. Interface is an opportunity for students to become self-directed learners and to function in a resource-support group similar to teams in a business environment.