

2020-2021

Brentwood High School

Course Enrollment Guide



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To the Parents and Students:

The staff at Brentwood High School is committed to providing a high-quality education to prepare students for success beyond high school. Counselors assist and guide each student to develop a rigorous and appropriate plan of study that can help open doors of opportunity for a lifetime. Time is spent with students on academic preparation, career awareness, and exploration. We want all high school students to have:

- Sufficient information to select a tentative career path
- Sufficient knowledge of their academic strengths and weaknesses to guide course planning for high school
- A thorough knowledge of local and state graduation requirements
- Information about the courses and programs available at BHS

This booklet, the BRENTWOOD HIGH SCHOOL COURSE ENROLLMENT GUIDE for 2020-2021, will provide valuable information for students and parents as educational plans are developed. We want students and parents to make informed choices in developing an individual career and academic plan (ICAP) based on interests and abilities. The ICAP should not only reflect graduation requirements, but also coursework to prepare for post-secondary experiences. Students, parents and counselors will continuously review these plans throughout high school and modify them to take advantage of all that is offered at Brentwood High School.

Now is the time to plan, talk, ask questions, and utilize all resources available to develop an appropriate schedule. We want to ensure that all students make a successful transition from grade level to grade level and have a positive high school experience.

Dr. Edward Johnson
Principal

Dr. Stephen Ayotte
Assistant Principal & Athletic Director

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Mrs. Emily Diaz
College & Career Counselor & A+ Coordinator

BRENTWOOD SCHOOL DISTRICT
Notice of Nondiscrimination

As a political subdivision, employer, recipient of federal funds and educational institution, the Board of Education is prohibited from, and hereby declares a policy against, engaging in unlawful discrimination, including harassment creating a hostile environment, on the basis of race, color, religion, sex, national origin, ancestry, disability, activities and with regard to employment. The Board is an equal opportunity employer.

To ensure that these obligations are met, the Board designates an individual to act at the district's nondiscrimination laws compliance coordinator, who shall also be the appointee for all laws specifically mandating such an appointment, and who shall have the duty of keeping the superintendent informed of the state of compliance with this policy district wide:

Brentwood School District
1201 Hanley Industrial Court
Brentwood, Mo. 63144-1631
Phone: (314) 962-4507; Fax (314) 962-7302

Complaints and reports regarding discharge of the duties summarized in this policy should be addressed to the compliance coordinator. Any employee of the district or member of the Board of Education who becomes apprised of a possible violation of this policy must report the matter to the coordinator. In the event the compliance coordinator is the subject of a report that would otherwise be made to the compliance coordinator, reports should instead be directed to the superintendent, who will assume the coordinator's duties for the purpose of the complaint.

Services and Rights for Students with Disabilities

Students with disabilities are protected by the Individuals with Disabilities Education Act (IDEA), the American students with disabilities Act (ADA), and/or Section 504 of the Rehabilitation Act of 1973.

Students with disabilities are entitled to a "free appropriate public education," which is defined by the student's Individualized Education Program (IEP) or similar document. The rights of students with disabilities and the responsibilities of the Brentwood School District and the Special School District (SSD) of St. Louis County are described in the SSD's Compliance Plan, the Countywide General Assurance Document, the Missouri Department of Elementary and Secondary Education's (DESE) Procedural Safeguards for Children and Parents brochure, and Brentwood policies. These documents are available at the Brentwood District Office. Copies of the DESE brochure also are available in the schools. Under the Family Educational Rights and Privacy Act (FERPA), parents have the right to inspect, review, request amendment of, and file complaints concerning personally identifiable information maintained on their children.

All individuals from 3 to 21 years of age residing in St. Louis County, as well as St. Louis City residents attending Brentwood Schools, are eligible for special education services to students diagnosed with any one of the following educational disabilities: learning disabilities, speech/language disorders, mental retardation, behavioral disorders/ emotionally disturbed,

physically/other health impaired, hearing impaired, visually impaired, deaf/blind, multi-handicapped, autism, traumatic brain injury, or early childhood special education.

The SSD offers a variety of programs and related services for preschool and school aged children, most of who are served in Brentwood facilities. The SSD also provides audiological and special education evaluations hearing and speech/language screening services. Special Non-Public Access Program (SNAP), special education services for students in private/parochial schools, and Homebound Instruction for home or hospital bound (both with and without disabilities). A variety of applied technology, vocational, adult education, and “transitional” services are available, including some for students without disabilities.

Staff, parents, or anyone who has significant educational concerns about a student or believes an individual may have a disability can initiate the special education and/or Section 504 “identification” process. When there are educational concerns about a student, the school is to begin considering and implementing intervention strategies. If the educational concerns about the student are not resolved or a parent requests a special education referral/evaluation, the staff is to document any concerns and interventions. The school’s Building level Team, which includes a representative of SSD, then determines if an evaluation is warranted or not. Parents are to be notified in writing of the decision, the reason for it, and their rights. Appeals of any disability related decisions should be submitted in writing to the Brentwood School District and/or Superintendent of Schools. Questions or requests for assistance/information should be directed to the school’s principal, one to the district’s parent special education representatives, or the district’s Special School District Liaison who may be reached at 962-4507.

Public Notice

The Special School District of St. Louis County is required to provide a free and appropriate education to all students with disabilities, including those attending private/parochial schools, beginning on the child’s third birthday through age twenty (20), regardless of the child’s disability. This District ensures compliance with a full educational opportunity goal, services for students three (3) through twenty-one (21) will be implemented by 1999. Disabilities include: learning disabilities, mental retardation, behavioral disorders/emotional disturbance, speech disorders (voice, fluency, or articulation), language disorders, visually impaired, hearing impaired, physically/other health impaired, multiple disabilities, autism, early childhood special education and traumatic brain injury.

The District assures that it will provide information and referral services necessary to assist the State in the implementation of early intervention services for infants and toddlers eligible for Missouri’s First Steps Program.

Special School District is required to provide parents the right to inspect and review personally identifiable information collected and used or maintained by the District relation to their children.

Parents have the right to request amendment of these records if they feel the information is inaccurate, misleading, or violates the privacy or other rights of their children. Parents have the right to file complaints with the U.S. Department of Education or the Missouri Department of

Elementary and Secondary Education concerning alleged failures by the District to meet the requirements of the Family Rights and Privacy Act (FERPA).

The District has developed a Local Compliance Plan for implementation of Special Education and this plan is available for public review during school hours on days school is in session in the office of the Superintendent of Brentwood Schools. The Local Compliance Plan is a written narrative which describes the District's plan for compliance with the requirement for the identifying and serving all students with disabilities. Included in this plan are the policies and procedures which the District must follow regarding storage, disclosure to third parties, retention, and destruction of personally identifiable information. The plan also describes the assurance that services are provided in compliance with the requirements of 34 CFR 76.301 of the General Education Provision Act.

Public schools in the state of Missouri are required to conduct an annual census of all children with disabilities from birth through age twenty (20) who reside in the District or whose parent/legal guardian resides in the District. This census is compiled as of May 1 each year. This information is treated as confidential and submitted to the Missouri Department of Elementary and Secondary Education. Information to be collected includes: name of each child; parent/legal guardian's name/address; birth date and age of each child; and each child's disability or suspected disability. Should the District fail to submit an annual census, the State Board may withhold state aid until the census is submitted. If you have a child with a disability or know a child with a disability who is not attending public school, please contact your school district.

This notice can be provided in languages such as Chinese, Spanish, Arabic, and Vietnamese or any other language as may be necessary.

COUNSELING DEPARTMENT

Career Planning

Students need extensive academic and career awareness/exploration activities, starting as early as elementary school, with an emphasis at the middle-school, and high school levels, in order to make academic decisions that will enhance their post-high school opportunities. Career awareness and exploration activities begin in the early grades to provide a foundation for these decisions.

During middle school, students have the opportunity to take exploratory courses that help them identify interests leading to career goals. Students and their families receive formal and informal information about career options and the requisite education and training for each. Students and their families also have access to well-planned guidance services that will enable them to make informed choices in choosing a high school program of studies.

ICAP

The **Individual Career & Academic Plan (ICAP)**, is a plan of study to guide students through the coursework and activities for achieving personal career goals, post-secondary planning and providing individual pathway options. An **ICAP** is a multi-year process, beginning no later than the eighth grade, that intentionally guides students and families in the exploration of career, academic and multiple post-secondary opportunities to include *direct access to the workforce *military *tech school/area career center *vocational training (apprenticeship), *2 year college and *4 year college. An ICAP is a “roadmap” to help students develop the awareness, knowledge, attitudes, and skills to create their own meaningful pathways to be success ready graduates.

ICAP (Personal Plan of Study) legislative requirements begin on Section 167.903 of **Senate Bill 638**

Counselors Guide Students To:

- ✓ Make sound decisions about selection of courses;
- ✓ Make course selections that meet state and local requirements for graduation;
- ✓ Develop a schedule that prepares for goals upon graduation;
- ✓ Plan goals for high school, college or other post-secondary training;
- ✓ Explore career choices and understand how aptitudes, interests, and ability affect those choices;
- ✓ Understand one's individual strengths and weaknesses through interpretation of standardized tests;
- ✓ Have access to a variety of resources that can be useful in personal development, college, financial aid, individual planning, and responsive services; and understand the role of the counselor as a confidential student advocate.

SCHEDULE PLANNING PROCEDURES

Brentwood High School offers a balanced program of required and elective subjects designed to help students satisfy their academic and personal goals. In planning a program, it is important to set goals and understand the discipline required to accomplish the goals.

Course Selection

To initiate the registration process, each student is encouraged to review this booklet during the scheduling process. Students meet with their counselors and review copies of their transcripts, which include courses taken, grades earned, and credits earned. Counselors provide information to students and parents about progress toward meeting graduation requirements. After courses are selected, the scheduling requests are entered by the student on the Infinite Campus portal for parents to further review. The counselors review course selection to ensure that graduation requirements are met. Every effort will be made to build a master schedule so that students will have an opportunity to enroll in the courses they request. Course hours and teachers will be computer scheduled so that each class is balanced to best meet student needs.

Other Guidelines:

Alternate Courses: In the event the first choice electives cannot be scheduled, alternate courses listed by the student will be selected to complete the schedule. Select alternate courses very carefully!

Required Minimum Credits per Year: A student's schedule includes required courses and elective courses. A student may earn up to eight credits per year. To be eligible for activities, a student must be enrolled in and successfully pass a minimum of seven courses each semester.

Full-Time Student Status: A student is considered full-time if he or she is enrolled either on-campus or a combination of on-campus and virtual courses for all 8 blocks of the academic schedule.

Minimum Enrollment: For an elective course to be offered, a minimum enrollment must be obtained. This minimum enrollment will sometimes differ for various courses. Should a course not be offered, the student will be contacted and given an opportunity to make another course selection to complete a minimum program.

Course Failure: If a required course has been failed, the student should plan to register for it the next year, or consider taking it in summer school. The counselor will discuss alternatives with the student.

In an emergency situation (such as prolonged illness) a student may request a waiver of a failing grade from the principal, who will make a decision based on the recommendation of the teacher of the course and the counselor.

Course Changes: A course change is when a student drops a course and adds another in its place during the first two "A" and two "B" days of each semester or at the approval of the administrative team.

Course Withdraw: A student withdraws from a course when the course is dropped, and no course is added in its place.

Enrollment Instructions

- In the spring semester, counselors meet with each class as a group to discuss enrollment options.
- Students take the enrollment information home and discuss options with their parents.
- Students need to be certain of their enrollment requests before they turn in their enrollment cards.
- Course requests will be entered electronically by students following a meeting with their counselor.
- A copy of each student's schedule will be handed out at the end of the school year and during registration. Registration is held a few days before school starts.

Schedule Changes

- Schedule changes will be held the first two full "A" days and two "B" days of each semester
- When a student requests a schedule change, the counselor will discuss options with students
- Schedule changes will NOT be granted if the request is based on teacher/hour preference
- Schedule changes after the deadline can only be approved by the principal, after consulting with the counselor, the impacted teachers, the student and his or her parents

Selection of Courses

A great deal of time and effort is devoted to the process of letting students select the courses they wish to take and then constructing a master schedule, which permits students' choices. Few reasons for schedule changes should exist when school begins. Changes in schedules will only be made in justifiable cases with approval of school officials.

Course Changes

A course change occurs when a student drops a class and adds another in its place during the first two "A" and two "B" days of each semester or at the approval of the administrative team.

Parent or student initiated schedule changes will be allowed before school starts and the first two "A" and two "B" days each semester. Students enrolling in full year courses are expected to complete the entire course to earn full credit.

Adding and dropping a course after the first two "A" and two "B" days each semester will be at the discretion of the administration. If administrative approval is obtained, the student will be allowed to enter another BHS course in place of the dropped course. If the request is not approved, the student may stay in the class or may request to withdraw. After the first two weeks of each semester no requests for course changes will be granted.

Course Withdraw

A student withdraws from a course when the course is dropped, and no course is added in its place.

If a student decides to withdraw from a course, he or she will receive a “WF” on his or her transcript and NO course or credit will be offered in its place. Students will be placed in a supervised setting for the rest of the semester. GPA will be negatively impacted.

A+ SCHOLARSHIP PROGRAM

The A+ Scholarship Program provides scholarship funds to eligible graduates of A+ designated high schools who attend a participating public community college or vocational/technical school, or certain private two-year vocational/technical schools. Additionally, some four-year institutions may offer financial incentives for students who meet A+ criteria. The information on this page is effective for the 2020-2021 academic year, unless otherwise noted. The A + Scholarship Program is subject to change each fiscal year. Updated information is available in the counseling office.

To be eligible for assistance you must meet the following requirements:

- Be a U.S. citizen or permanent resident.
- Attend a designated A+ high school for 2 years prior to graduation.*
- Enter into a written agreement with your high school prior to graduation; students must complete their written agreement on or before the last day of finals the first semester of senior year.
- Graduate with a cumulative unweighted, unrounded grade point average of 2.5 or higher on a 4.0 scale.
- Have at least a 95% attendance record overall for grades 9-12.
- Perform at least 50 hours of unpaid tutoring or mentoring, of which up to 25% may include job shadowing prior to graduation.
- Maintain a record of good citizenship and avoid the unlawful use of drugs and/or alcohol while in grades 9-12. **
- Achieve a score of proficient or advanced on the official Algebra I end-of-course exam or you may establish eligibility by achieving a combined ACT math subscore and high school GPA in accordance with the scale determined by the Missouri Department of Higher Education.
- Perform all other duties and obligations required by state law to be eligible for and receive the benefits of the A+ program.

* Students who are active duty military dependents and students who are dependents of retired military personnel who relocated to Missouri within one year of the date of retirement from active duty are excused from this provision if the student attends a designated A+ school in the school year immediately preceding graduation and has met all other eligibility requirements.

** Students may not have more than 10 total days of in- or out-of-school suspension throughout high school in order to meet the “good citizenship” requirement.

ATHLETIC AND EXTRACURRICULAR ELIGIBILITY

Requirements by the Missouri State High School Activities Association:

- **Citizenship Standards:** Students who represent a school in inter-scholastic activities must be credible citizens whose conduct-both in and out of school will not reflect discredit upon themselves or their school. A student is not eligible while under suspension. A student who is expelled or who withdraws from school because of disciplinary measures will not be eligible for 365 days from the day of expulsion or withdrawal.
- **Academic Standards:** Students in the 9th-11th grades need to pass 3.5 credits or 80% of the maximum-allowable credits which may be earned, whichever is greater, to maintain eligibility for the next semester. Credits earned or completed after the close of the semester will not fulfill this requirement. Summer high school courses for academic eligibility may count provided the course is necessary for graduation or promotion (no electives), and it is placed on the school transcript. No more than one credit in summer school shall be counted toward eligibility. Correspondence courses do not count.
- **Summer School:** No more than one credit can be earned from summer school, and classes must be necessary for graduation or promotion (no electives) for summer school credit to count for athletic eligibility.
- **Online courses** may not count as summer school credit, unless they meet the requirements of the course taken at the high school/approved by high school administration or the course is placed on the student's high school transcript.

Requirements by Brentwood High School and MSHSAA:

- **Semester Prior to Participation:** The student shall have earned, the preceding semester of attendance, a minimum of 3.5 credits or have earned credit in 80% of maximum allowable classes in which a student can be enrolled in the semester, whichever is greater, or a student must have made standard progress for his or her level the preceding semester in a special education program approved by the Missouri State Department of Education which, though ungraded, enrolls pupils of equivalent age.
- **Semester of Participation:** The student shall currently be enrolled in, and regularly attending courses that offer 3.5 credits or 80% of the maximum allowable credits which may be earned, whichever is greater; or a student must be enrolled in a full course at his or her level in a special education program approved by the Missouri State Department of Education, which though ungraded, enrolls pupils of equivalent age.
- **Credit:** The calculation of the credit requirement described above for all enrolled students at the school shall be based on the maximum allowable classes in which a student can be enrolled at the member school during the normal school day due to the academic system that the member school has selected (7-hour day, block schedule, etc.) Credits earned in school-sponsored "extra" classes taken beyond the normal school day may be used toward academic eligibility. Online courses that are approved by high school administration after full academic review and which are

completed no later than the close of the semester with credit placed on the student's transcript can be counted for academic eligibility.

- Entry into 9th Grade: A beginning 9th grade student shall have been promoted from the 8th grade to the 9th grade for first semester eligibility.
- Grades 9-12 Summer School: Secondary school sponsored summer courses may count toward maintaining senior high academic eligibility for the FALL provided the following requirements are met:
 - The counting of secondary school sponsored summer school credits must first be approved by the local school administration.
 - Credit earned for the summer school course must be placed on the student's school transcript and identified by the school as a course that counts towards graduation.
 - Electives taken in any of the 4 core content areas (language arts, mathematics, science, and social studies) may be counted toward this requirement of academic eligibility.
 - Online courses may not count as summer school credit, unless they meet the requirements of the course taken at the high school/approved by high school administration or the course is placed on the student's high school transcript.

ADVANCED/COLLEGE CREDIT PROGRAM (ADVCC)

Advanced/ College Credit Program Guidelines

The Advanced/ College Credit Program is intended for those students who have the ability, motivation, and maturity to begin their college education in advance of high school graduation. In cases where the student is not known by the teacher, the student should be recommended by another member of the high school faculty. Only a very superior student may accumulate more than 24 hours credit while in the program, and this must be approved by the principal. The Coordinating Board for High Education has policies that regulate the maximum number of hours public Missouri colleges can accept through dual enrollment program.

Brentwood High School offers a number of courses through which the student may earn college credit. Courses are offered to students in grades 11 and 12. The college credits offered on the Brentwood High School campus are awarded by Saint Louis University through its 1818 Program and the University of Missouri-St. Louis. These accelerated courses are taught by qualified BHS staff members, who have at least a master's degree in the subject area.

Admission and Grading of ADVCC

The admission of students into the Advanced/College Credit Program is based on GPA and completion of prerequisite coursework. To achieve college credit for any course in the ADVCC, a student must achieve a grade of C or above. Weighted high school grades will be given for the ADVCC. College credit will not be given to a student who receives a grade D or F, nor will this grade be placed on a student's transcript at Saint Louis University or the University of Missouri-St. Louis. However, it should be noted that the student will receive credit and their earned grade on their Brentwood High School transcript.

Students who do not meet the established criteria to enroll in a course for college credit may petition for entry into the course. Permission may be granted if the class size would not exceed 24 students, and if the student has demonstrated a commitment to successfully complete the rigorous work.

Courses taught for dual credit, or taken through dual enrollment will meet the criteria for weighted grades. Grades of "C" and below are not given weighted grades. Students will receive the corresponding non-weighted grade point. The following values are assigned to weighted grades:

- A+, A, A- = 5.0
- B+ = 4.75
- B = 4.50
- B- = 4.0
- C+ = 3.75
- C = 2.5
- C- = 2.0
- D+ = 1.75
- D = 1.5
- D- = 1.0
- F = 0

Student Responsibility for Transfer of Dual Credit

It is the responsibility of the student to inquire about the acceptance of transferring dual credits to colleges they may wish to attend upon graduation. Students must inquire directly with colleges and/or universities which are being considered.

ADVCC and BHS Course Equivalency Information

BHS Course	College Credit Course	Credit Hours
ADVCC English 3, Semester 1	UMSL ENGL 1100 First-Year Writing	3
ADVCC English 3, Semester 2	UMSL ENGL 1120 Introduction to Literature	3
ADVCC English 4, Semester 1	UMSL ENGL 1950 Topics in Literature	3

ADVCC English 4, Semester 2	UMSL ENGL 2120 Topics in Writing	3
ADVCC Creative Writing, One semester	UMSL ENGL 1030 Beginning Creative Writing	3
ADVCC Western Civilization, Semester 1	UMSL HIST 1031 From the Middle Ages to the Age of Revolutions	3
ADVCC Western Civilization, Semester 2	UMSL HIST 1032 Topics in European Civilization:1715 to the Present	3
ADVCC Spanish 4, Full Year	UMSL SPANISH 1001 Spanish Language and Culture I	5
ADVCC Spanish 5, Full Year	UMSL SPANISH 1002 Spanish Language and Culture II	5
ADVCC French 4, Full Year	UMSL FRENCH 1001 French Language and Culture I	5
ADVCC French 5, Full Year	UMSL FRENCH 1002 French Language and Culture II	5
ADVCC German 4, Full Year	UMSL GERMAN 1001 Beginning Language and Culture: German I	5
ADVCC German 5 Full Year	UMSL GERMAN 1002 Beginning Language and Culture: German II	5
ADVCC Biology, Full Year	UMSL BIOL 1012 General Biology	3
ADVCC Biology Lab, Full Year	UMSL BIOL 1013 General Biology Lab	1
ADVCC Human Anatomy and Physiology, Full Year	UMSL BIOL 1131 Human Physiology and Anatomy I	4
ADVCC Chemistry, Full Year	UMSL CHEM 1111 Introductory Chemistry	5
ADVCC Calculus, Full Year	St. Louis University MATH 1510 Calculus I	4
AP Computer Science, Full Year	Credit is based on AP Score (determined by college) or can be purchased through the University of Iowa for students earning a 6 or higher on the end of course assessment (optional)	Varies

Introduction to Engineering Design & Principles of Engineering (Both Courses must be taken)	Dual credit is available through Missouri University of Science & Technology upon completion of Intro to Engineering Design AND Principles of Engineering. A letter grade of “B” or higher in both courses and an EOC score of 6 or better is required for college credit and weighted GPA.	Varies
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DUAL ENROLLMENT PROGRAM

There are two programs that offer students the opportunity to study on campus and earn college credit during their junior and senior year—St. Louis Community College and Washington University.

Junior and Senior students may choose to attend the St. Louis Community College and enroll in the dual enrollment program. The student must have a 2.0 GPA to attend the STLCC and a signed approval form from their counselor and the admissions office from the community college. Classes may be taken during the day or evening.

Washington University has a College Credit Program for high school students available in the fall, spring, or summer semesters. Classes may be taken in the spring of the junior year and the fall and spring of the senior year for students with an academic average of B+ or better and combined test scores of at least 1200 on the SAT, 120 on the PSAT, or a 25 on the ACT or PLAN.

The cost of each program varies.

BRENTWOOD HIGH SCHOOL GRADUATION REQUIREMENTS

Students must meet the following minimum requirements for graduation. These requirements meet and/or exceed the minimum requirements for graduation as adopted by the Missouri State Board of Education.

English	4.0 credits
Social Studies	4.0 credits
Mathematics	3.0 credits
Science	3.0 credits
Practical Arts	1.0 credits
Fine Arts	1.0 credits
Physical Education	1.5 credits
Health	0.5 credits
Designated Electives in additional areas of: World Languages, Fine Arts, Practical Arts or Physical Education	4.0 credits
Undesignated Electives	6.0 credit
Required for Graduation	28 credits

COURSE DESCRIPTIONS

Each course offered at Brentwood High School is described briefly on the following pages to provide a better understanding of course selection.

ENGLISH LANGUAGE ARTS

ENGLISH I	Grade 9	2 semesters
	Required	1.0 credit

English I students primarily study and analyze American literature. Students then synthesize the reading of literature with the development of grammar, research, and composition skills.

ENGLISH I ACCELERATED	Grade 9	2 semesters
	Required	1.0 credit

Prerequisite: To enroll in an accelerated class in the language arts department, a student must have earned a grade of B or higher in the previous semester's language arts class and be recommended by the previous English teacher. To remain in the accelerated section, the student must earn a grade of C or higher at the end of the first semester (Exceptions may be appealed to the Dept. Chair and/or Building Principal.)

English I Accelerated is designed for the academically able and motivated freshman who demonstrates a strong interest in the study of literature and writing. Instruction is tailored and paced for the advanced student. Students in this course examine American culture and values by analyzing major American genre. In-depth reading, interpretation, and critical evaluation are stressed.

ENGLISH II	Grade 10	2 semesters
	Required	1.0 credit

Prerequisite: Students must have successfully completed English I

English II is a survey course that emphasizes classic texts that have impacted the English language and culture, including works from such writers as Homer, Chaucer, and Shakespeare, as well as more modern explorations of universal themes presented in these classics. Students will conduct research projects that conform to MLA style and will write analytical essays. Literary techniques, vocabulary, and grammar skills will be emphasized. Students also learn research techniques and write a formal research paper. Missouri End of Course (EOC) Exam is given for this course.

ENGLISH II ACCELERATED	Grade 10	2 semesters
	Required	1.0 credit

Prerequisite: To enroll in an accelerated class in the language arts department, a student must have earned a grade B or higher in the previous semester's language arts class. To remain in the accelerated section, the student must earn a grade of C or higher at the end of the first semester. (Exceptions may be appealed to the Department Chair and/or Building Principal.)

English II Accelerated is designed for the academically able and motivated sophomore who demonstrates a strong interest in the study of literature and writing. Students are expected to read at a mature level and to write with clarity, precision, and a degree of sophistication. This course emphasizes classic texts that have impacted the development of the English language and culture, including works from such writers as Homer, Chaucer, and Shakespeare, as well as more modern explorations of the universal themes presented in these classics. Through the lens of fiction and nonfiction texts, students will experience how language both reflects and influences culture. Vocabulary, grammar, and an understanding of writing techniques will be strengthened through the reading and writing process. Students will conduct research projects that conform to MLA style and will write analytical essays. Students are required to fulfill a summer reading requirement. Missouri End of Course (EOC) Exam is given for this course.

ENGLISH III

Grade 11 2 semesters
Required 1.0 credit

English III concentrates on a wide range of literature to permit students to become aware of the religions, philosophies, and heritage of people from diverse cultures. The course covers the writing process and a variety of literary types which provide students with an opportunity to study various cultural similarities and differences, and to reflect on how these various cultures have helped to shape the destiny of many. This is achieved through discussion and through writing and revising creative, interpretative, and thematic essays. Students should successfully complete the first semester to continue with the second semester.

**ADVANCED/COLLEGE CREDIT
ENGLISH III**

Grade 11 2 semesters
Required 1.0 credit

Prerequisite: Department approval with a cumulative GPA of 3.0 or 3.0 in the department and Principal and Department Chairperson approval. Summer reading is also a requirement for admission to the course.

Advanced/College Credit English III concentrates on a wide range of literature to permit students to become aware of the religions, philosophies, and cultural heritage of our world. The course covers the writing process and a variety of literature, which provides students with an opportunity to study various cultural similarities and differences, and to reflect on how these various cultures have helped to shape societal ideas. This is achieved through classroom discussion and writing. Larger writing assignments will be focused upon composing and revising analytical, argumentative, narrative, and research-based essays. The quality of work is expected to conform to collegiate standards. The college credit section will require considerable work outside the classroom.

COMPOSITION: TOPICS IN WRITING Grade 12 1 semester
0.5 credit

The Topics in Writing course will cover best practices in a variety of practical writing scenarios. Students will write personal statements to utilize for college, scholarships, and job opportunities. Additionally, the course will teach argument and research writing techniques to prepare students for post-secondary course content, as well as business writing such as resumes, cover letters, emails, and reports. The focus of the course will be for students to evaluate and analyze their own writing as well as the writing of others to prepare for life after graduation.

READING: TOPICS IN LITERATURE Grade 12 1 semester
0.5 credit

The Topics in Literature course will cover critical elements of storytelling techniques. From science fiction to memoir, students will work closely with the instructor and the librarian to guide literary themes and real-life reading choices. Students in Topics in Literature will understand that storytelling happens in a variety of contexts from podcasts to photographs to workplace reports. The focus of the course will be for students to evaluate and analyze their own reading strategies as well as the communications of others to prepare for life after graduation.

ADVANCED/COLLEGE CREDIT ENGLISH IV Grade 12 2 semesters
1.0 credit

Prerequisite: Cumulative GPA of 3.0. Summer reading is also required for admission to this course.

Advanced/College Credit English IV is designed to develop writing skills for students who want an extra challenge, focusing on the six traits of writing to help students polish their style of writing to serve them in college and the professional world. Among other writing assignments, students will complete a comprehensive research project and create an essay appropriate for submission as part of the college admission process. The literature focus for the class will be great works of classic literature blended seamlessly with new and engaging literature focused on the same themes. Students should see similar themes and ideas as they span the eras from Puritan literature through modern day. The college-credit section will require considerable work outside the classroom.

ADVANCED / COLLEGE CREDIT CREATIVE WRITING Grade 11-12 1 Semester
0.5 credit

This course is a creative writing survey and workshop focusing on the study of three genres—short fiction, poetry, and creative nonfiction. Students learn primary concepts and techniques of craft, including narrative, voice, character, setting, imagery, metaphor, and point-of-view. Students will explore literary conventions specific to each genre, as well as universal qualities that make all writing effective for an audience. The course requires three different kinds of writing: brief analytic essays, open-ended exploratory exercises, and carefully-revised original work.

ADOLESCENT NOVELGrade 11-12 1 semester
0.5 credit

Adolescent Novel is concerned with the search for self-definition. Through exploring the protagonist's experiences, each student gradually becomes aware of how humans define themselves. By identifying with others, by reliving their experiences, and by sharing in their conflicts, students attain a better awareness of how humans continue to function in a less-than-perfect world. Students work to delineate the "uniqueness" and "sameness" of human beings through class discussions and writing assignments. Students will create and develop a short quest story, along with a taped newscast in this course.

MULTICULTURAL LITERATUREGrades 11-12 1 semester
0.5 credit

Multicultural Literature focuses on African American, Jewish, Hispanic, Native American, and other literature in an attempt to develop an appreciation of the pride and dignity inherent in each culture. The differences and the commonalities of problems encountered by each group are explored. Focus is on the ultimate universality of all humans in their attempts to establish productive roles in society. The course includes an in-depth reading of novels, plays, essays, short stories, and poetry. Students are expected to write both analytical and comparative essays. Controversial issues are explored in this course, and student maturity is required.

SPEECH/COMMUNICATIONGrades 9-12 1 semester
Elective 0.5 credit

Speech is designed for students who want to develop and polish their speaking skills, poise, and self-confidence. The course deals with developing skills in speech writing, outlining, and delivery. Stress is on the improvement and development of personal style, confidence, awareness, and practice in speaking situations.

FILMS AND LITERATUREGrades 9-12 1 or 2 semesters
Elective 0.5 credit-1.0 credit

This course will explore film as a form of literature. In this course, students will analyze the literary, dramatic, and cinematic devices of film to learn to "read" films. This course will also examine the interaction of film elements and literary techniques to help students become critical consumers. Students will read novels, compare films to their source literature, and explore film techniques in order to understand the unique storytelling language of cinema. Emphasis will be given to developing analytical skills, both in verbal and written communication through class discussions, reflective writing, and formal papers.

**YEARBOOK DESIGN/
JOURNALISM**

Grades 9-12 2 semesters
Elective 1.0 credit

Students will learn the elements of good page design and journalistic writing standards as they produce the school yearbook, The Eagle, and the school newspaper, The Nest. Students will plan and conduct interviews to gather information, write and edit news copy, photograph student activities both during and after school, and combine these elements into a visually pleasing publication appropriate for audience and medium. Additionally, journalism students will engage in writing the online school newspaper and keeping the student body informed about important events around school. Students should be prepared for a high level of rigor as assignments must be completed to meet specific deadlines.

ACADEMIC LITERACY

Grades 9-12 2 semesters
Elective 1.0 credit

Academic Literacy is a course that is encouraged for students motivated to increase reading comprehension and fluency. Entrance into the class is determined by performance on a variety of reading assessments including MAP scores, ASPIRE reading scores, NWEA scored, Scholastic Reading Inventory (SRI), the Reading Plus InSight assessment, as well as teacher recommendation. This is a year-long course for one credit awarded toward graduation. It is designed to help striving readers become engaged, fluent and competent readers of the various types of texts necessary for their success across disciplines in high school, in postsecondary education, in employment and everyday life. Units of study include: Reading Self and Society, in which students focus on inquiry into the personal and public worlds of reading through guided reflection into their own and others' reading histories and experiences; Reading History, in which students learn to use a set of strategies for reading subject area textbooks and primary source documents. Key instructional strategies would include silent sustained reading, reciprocal teaching, and explicit instruction in self-monitoring and cognitive strategies that facilitate reading a variety of texts.

**COMPETITIVE SPEECH/
FORENSICS/DEBATE**

Grades 9-12 1 or 2 semesters
Elective 0.5/1.0 credit

This course is designed for those students who plan to participate in the interscholastic speech and debate program. (Enrollment for the course is not required to participate on the team.)

Students will learn and practice the art and skills of competitive forensics. Major units will include debate, public speaking, and oral interpretation of literature. All students are required to compete in a minimum of one speech and debate tournament per quarter. The debate unit will include the research, writing, and presentation of one or more formal cases in Cross-Examination, Lincoln-Douglas, and/or Public Forum styles of debate. The public speaking unit will include the research, writing, and presentation of one or more original oratorical, radio broadcast scripts, and/or extemporaneous speeches. The interpretation unit will include the reading, preparation, and

presentation of cuttings from works of literature to be performed through a variety of interpretation and reading events. In addition, students may be involved in the presentation of longer cuttings of literature that would be suitable for reader's theatre productions.

WORLD LANGUAGES

FRENCH I

Grades 9-12 2 semesters
Elective 1.0 credit

This entry-level course is open to all students who are interested in learning a foreign language and studying another culture--particularly those who are college bound, those interested in military service abroad, European culture, international business or those simply wanting to learn a second language. In this course, students practice interpersonal listening and speaking, interpretive reading and presentational writing. Learning is enhanced by cultural studies of the francophone world, as well as the hands-on use of current technology: laptops, Internet, apps, software, and videos. The emphasis at this level is on useful phrases for communication, everyday life, and travel.

FRENCH II

Grades 9-12 2 semesters
Elective 1.0 credit

Prerequisite: A grade of B or better in French I in 8th grade (or)
A grade of C- or better in French I in 9-11th grades

Speaking and oral comprehension continues to receive strong emphasis in French II, with added attention to writing, reading, and grammatical structures. Students also continue their use of technology to further their skills in their language. Cultural activities at this level include a study of Paris, and studies of the French-speaking world and lifestyle. Successful completion of French II will prepare students for further study of French in high school or at the university level, and also give the student an excellent background should she/he be traveling where French is spoken.

FRENCH III

Grades 10-12 2 semesters
Elective 1.0 credit

Prerequisite: A grade of C- or better in French II.

This course helps students become more proficient in interpersonal listening and speaking, interpretive reading, and presentational writing. More advanced grammar structures are introduced while the students continue to broaden their French vocabulary and knowledge of French culture. Students now can produce and comprehend the language with greater ease. Cultural studies include the geography of France and its regions and provinces, including a study of customs, foods, and traditions.

ADVANCED/COLLEGE CREDIT FRENCH IV

Grades 11-12 2 semesters
Elective 1.0 credit

Prerequisite: A grade of C+ or better in French III and teacher approval.

This advanced course is recommended for those who have successfully completed French III and show a keen interest in the language and culture. Students become more proficient and now have an opportunity to study the history, art, film and literature of France and the French-speaking world. Students at this level augment their vocabulary and review structures, contributing to an ever greater proficiency in French language and culture. This course may be taken for college credit.

ADVANCED/COLLEGE CREDIT FRENCH V	Grade 12 Elective	2 semesters 1.0 credit
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Prerequisite: A grade of C+ or better in French IV and teacher approval.

This advanced course is recommended for those who have successfully completed French IV and show a continuing keen interest in the language and culture. Students continue to become more proficient and have an opportunity to study history, art, literature, and film as their language skills increase. Students at this level continue to augment their vocabulary, review structures and increase their proficiency in interpersonal listening and speaking, presentational writing and interpretive reading. This course may be taken for college credit.

SPANISH I	Grades 9-12 Elective	2 semesters 1.0 credit
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Spanish I teaches listening, speaking, reading, and writing through a structured conversational approach. Listening and speaking skills are developed through vocabulary and grammar assessments, along with group conversations about daily activities. Reading comprehension and written expression begin with simple sentences. The textbook, cultural notes, and other supplementary materials introduce the Spanish-speaking people through glimpses of their history, geography, literature, and customs.

Because language learning requires time and effort outside of class, homework is very beneficial. The first year of Spanish is considered an introductory course, and it is expected that the student will continue with the second year to achieve a minimum level of proficiency that is now required by most Missouri state universities. A student who desires higher proficiency should plan a four-year sequence.

SPANISH II	Grades 9-12 Elective	2 semesters 1.0 credit
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Prerequisite: A grade of B or better in Spanish I in 8th grade (or)
A grade of better than a C- in Spanish I in 9th-11th grades.

Spanish II continues the program of the first year. The student uses his skills to increase high-frequency vocabulary and conversation. Reading comprehension and pronunciation are practiced through a variety of readings. Writing skills have more complex grammatical structures, and several verb tenses are introduced adding to the use of the present tense . Conversational speech continues to be emphasized.

SPANISH III Grades 10-12 2 semesters
Elective 1.0 credit

Prerequisite: A grade of C- or better in Spanish II is recommended.

Spanish III continues the mastery of listening, speaking, reading, and writing through a practical blend of thematic vocabulary and more complex reading and writing assessments. Speaking and writing are interwoven into a variety of group activities. Students apply music, art, and other subjects to enhance the learning process.

ADVANCED/COLLEGE CREDIT SPANISH IV Grades 11-12 2 semesters
Elective 1.0 credit

Prerequisite: A grade of C+ or better in Spanish III.

Advanced/College Credit Spanish IV is designed to further verbal and grammatical knowledge with a review of current skills. Emphasis on conversation and writing are practiced through thematic vocabulary and literature. Cultural aspects of the Hispanic world are also discussed. Projects and tests are used to help assess the progress of each student. A GPA of 3.0 is required for college credit.

ADVANCED/COLLEGE CREDIT SPANISH V Grade 12 2 semesters
Elective 1.0 credit

Prerequisite: A grade of C+ or better in Advanced/College Credit Spanish IV.

Advanced/College Credit Spanish V is designed to continue to promote further verbal and grammatical use with a review of current skills. Also, the student incorporates newly-learned reading skills of Spanish literature. Cultural aspects such as art and music are explored. Projects and tests are used to help assess the success of each student. Students are expected to achieve intermediate levels of proficiency in listening, speaking, reading and writing. A GPA of 3.0 is required for college credit

GERMAN I Grades 9-12 2 semesters
Elective 1.0 credit

This entry-level course is open to all students who are interested in learning a foreign language and studying another culture; particularly those who are college bound, those interested in military service abroad, European culture, international business or simply those wanting to learn a second language. The emphasis at this level is basic vocabulary of useful phrases for communication,

everyday life and travel. Cultural studies include learning about the German-speaking world, cities in Germany, German customs and culture. Learning is enhanced by the use of technology. Active participation in class is essential for success in this course.

GERMAN II Grades 9-12 2 semesters
Elective 1.0 credit

Prerequisite: A grade of B or better in German I in 8th grade or a grade of C- (or)
A grade of better in C- in German I in 9-11th grades

Speaking and listening skills continue to receive strong emphasis in German 2, with added attention to writing, reading and grammatical structures. Students also continue their use of technology to develop further their skills in the language. Successful completion of German 2 will prepare students for further study of German in high school or at the university level, and also give the student an excellent background should s/he be traveling to a German speaking country. Active participation in class is essential for success in this course.

GERMAN III Grades 10-12 2 semesters
Elective 1.0 credit

Prerequisite: Grade of C- or better in German II.

German 3 continues the study of the four basics: reading, writing, oral comprehension, and speaking on a higher level. Advanced grammar structures are introduced. In this course students will learn to speak about holidays and celebrations, illness and injury, living and going out in Germany. Students at this level can read and comprehend short novels. Active participation in class is essential for success in this course.

ADVANCED/COLLEGE CREDIT GERMAN IV Grades 11-12 2 semesters
Elective 1.0 credit

Prerequisite: Grade of C+ or better in German III.

Advanced/College Credit German 4 continues the program of the third year. Students will refine their skills in listening, speaking, reading and writing in German. Students will work with both modern and classical literature. Students can enroll with the University of Missouri-St. Louis for 5.0 hours of college credit for this course. (German 4 is a weighted course).

ADVANCED/COLLEGE CREDIT GERMAN V Grades 11-12 2 semesters
Elective 1.0 credit

Prerequisite: Grade of C+ or better in German IV.

Advanced/College Credit German 5 offers the students the opportunity to study the great literature of German writers. Students will also review German history and learn the vocabulary to allow them to discuss and write about German history in German. German 5 offers a comprehensive

review of key grammar points. Students can enroll with the University of Missouri-St. Louis for 5.0 hours of college credit for this course. If the enrollment of this course is too low to warrant an individual German 5 class, students may request to take this course Independent Study. (German 5 is a weighted course).

SOCIAL STUDIES

AMERICAN VOICES

Grade 9 2 semesters
Required 1.0 credit

The American Voices course is a survey of the history of the United States from approximately 1877 to the present. Students in this course will learn about the impacts of geography, culture, politics, economics, technology, and environmental factors as they examine continuity and change during this time period in our nation's history. The course traces the growth of America's urban society and how the country became a world power. Societal issues emphasized include democracy vs. tyranny, assimilation and equality, prosperity vs. poverty, and the changes in the quality of American life. Students will continue learning to think historically and to connect historical events and issues to those of present-day America.

PERSPECTIVES IN WORLD HISTORY

Grade 10 2 semesters
Required 1.0 credit

Perspectives in World History is designed to provide students with a global overview of people, places, and events that have contributed to humankind's vast storehouse of knowledge and the social science skills essential for existence in a post-industrial society. The study of ancient, medieval, and modern history to 1800 helps students understand the ramifications of issues related to global interdependence and to acquire cross-cultural awareness and sensitivities related to world issues. A historical and anthropological perspective is presented so that the student can view the patterns of human events in a holistic fashion. Historical roots are explored in depth thus providing a sense of historical continuity.

THE CONTEMPORARY WORLD

Grade 11 2 semesters
Required 1.0 credit

Contemporary World History is designed to enable students to understand the significance of local, national, and international historical events from 1800 to the present. The Cold War between the United States and the Soviet Union dominated the past World War II period influencing national domestic policies and international relation in every region of the world. Since the fall of the Berlin Wall in 1989, the creation of a post-Cold War world has dominated international events. This course exposes students to the historical experiences that will permit them to interpret these events and issues, thus preparing them for public life as citizens of a diverse society in a diverse world. Special emphasis is placed on the social history of the United States during the Cold War, as well as the history of the Soviet Union, the role of the United Nations since 1945, the North/South dialogue, the importance of the Pacific Rim, and the reemergence of nationalism.

LIBERTY AND THE LAW

Grades 11-12 1 semester

Required 0.5 credits

Liberty and the Law is a one semester course for the study of American government structure, political process and legal system. Students will also study the rights and responsibilities of citizenship and how it impacts our daily lives. Liberty and the Law satisfies Missouri's requirement for the United States Constitution, the Missouri Constitution, and a Citizenship exam which students must pass before graduation. Students enrolled in the course will also be required to take the Missouri End of Course (EOC) Exam.

**INTRODUCTION TO
PSYCHOLOGY**

Grades 11-12 1 semester
Elective 0.5 credits

Psychology is the study of the mind and behavior. The discipline embraces all aspects of the human experience. In this class students will study; the history of psychology, various fields of study in psychology, the functions of the brain and the nervous systems, brain injuries and diseases, abnormal psychology and mental illnesses, and aspects of positive psychology to include love and happiness.

**INTRODUCTION TO
SOCIOLOGY**

Grades 11-12 1 semester
Elective 0.5 credits

Sociology is concerned with how people behave in groups and how group interaction shapes their behavior. This social science involves the study of rules, organizations, and value systems which enable humans to live together. Social institutions, social problems, and other aspects of human behavior are considered as a part of the program designed to help the students acquire information and ideas that are relevant to the human condition.

**ADVANCED/COLLEGE CREDIT
WESTERN CIVILIZATION**

Grades 11-12 2 semesters
Elective 1.0 credits

Advanced/College Credit Western Civilizations I and II is designed to provide students with an in-depth study of European history. Topics include but are not limited to:

- Unit 1: Early Middle Ages (Fall of Rome-Norman Conquest)
- Unit 2: Later Middle Ages (Crusades-Hundred years War)
- Unit 3: Renaissance and Reformation (14th-16th Century Europe)
- Unit 4: Absolutism and Parliamentary Governments: (France and England)

Second Semester topics include but are not limited to:

- Unit 1: The Scientific Revolution, Exploration and Enlightenment
- Unit 2: Nineteenth Century Europe (French Revolution, Napoleon and Industrial Revolution)
- Unit 3: Europe and the World Wars
- Unit 4: Cold War and the modern world

College Credit can be earned through the University of Missouri- St. Louis or through the Advanced Placement Testing Program administered through College Board.

CONTEMPORARY ISSUES

Grades 11-12 1 semester
Elective 0.5 credits

The Contemporary Issues curriculum introduces students to issues that influence our life in a global, multicultural society. Students will research current economic, political, social, and cultural problems, and explore how ongoing conflicts affect groups as well as individuals. Emphasis is upon the United States and the global interdependence of the 21st century. The course will examine changes involving the community, state, nation, and world. Critical thinking skills and technology related research will be emphasized, as well as the reinforcement of oral communication skills through class discussions and oral presentations. The course will utilize a variety of technological resources throughout the curriculum. By studying current issues from variety of sources (e.g. newspapers, mass media, the internet, public meetings), students will analyze the “ways of knowing”: language, perception, reason, and emotion. Students will also be required to evaluate the validity of sources and attempt to define and discover the “truth” from all perspectives. Students will apply their knowledge of world history to analyze issues and trends facing the world in the 21st century.

INTRODUCTION TO CRIMINAL JUSTICE

Grade 11-12 1 semester
0.5 credit

The Introduction to Criminal Justice course is designed to provide students with an overview of the criminal justice system and the working processes of each component. The course will examine a short historical background of law enforcement, what influenced its development, the constitutional limits and safeguards in place, courtroom procedures, as well as other agencies and careers that are involved. The course will also contain special topics like juvenile justice, international law, and current trends in law enforcement. The intent of this course is to give students an in depth exploration of the criminal justice system, its processes, and to explore possible careers for their future.

MATHEMATICS

PRE-ALGEBRA

Grade 9 1 semester
Every day 1.0 credit

This course does not satisfy the minimum mathematics requirements for admission to most colleges.

Pre-Algebra is an introductory course designed to provide a basic, fundamental background for algebraic mathematics. Students will learn to work with variables, combine polynomials, develop an understanding of operating with rational numbers, solve linear equations and inequalities,

factor, and graph. A practical application of mathematics is emphasized through real-world settings using proportions, percents, and probabilities.

Please note: Students who take Pre-Algebra/Algebra I will take the Missouri End of Course (EOC) Exam after completing the Algebra II 10-12 course.

ALGEBRA I

Grade 9
Required
1 semester
Every day
1.0 credit

Algebra 1 is designed to provide students with a fundamental course in algebraic mathematics. Students will learn the language of algebra while operating with real numbers. Students will factor polynomials, solve linear equations and inequalities, and begin solving quadratic equations. Students will also work with ratios, proportions, percents, and probabilities within real world settings. Also, students will investigate patterns, tables, and graphs as they are used to solve problems with life-like applications. Missouri End of Course (EOC) Exam is given for this course.

ALGEBRA I ACCELERATED

Grade 9
Required
1 semester
Every day
1.0 credit

Prerequisite: Recommendation of the middle school and a score of 85% or better on the mathematics subtest of a standardized test or department approval. By enrolling in Accelerated Algebra I, the student commits to completing the course for the duration of the semester. Accelerated Algebra I builds on basic algebraic concepts at a deeper level and a faster, more rigorous pace than a traditional Algebra I course. Highly motivated students with an interest and desire to build a foundation in analytical mathematics are encouraged to work to the level of this challenging course. Students will operate with real and complex numbers, systems, factor polynomials, solve linear equations and inequalities, and develop an understanding of quadratic functions. Students will make applications with exponential functions, radical expressions, and proportions. Students will investigate patterns, tables, matrices, models, and graphs as they are used to solve problems. Missouri End of Course Exam is given for this course.

ALGEBRA II

Grade 9
(Required if started w/ Alg. I)
1 semester
Every day

Prerequisite: Algebra I.

Algebra II studies such topics as real and complex numbers, matrices, linear, quadratic, and higher order polynomial functions, systems of equations, factoring, simplifying radicals, exponential and logarithmic functions, equations and inequalities, trigonometric functions, permutations, combinations, sequences, and series.

ELEMENTS OF ALGEBRA IIGrades 10-12 2 semesters
1.0 credit

Elements of Algebra II studies such topics as real and complex numbers, linear, quadratic, and higher order polynomial functions, systems of equations, factoring, simplifying radicals, exponents, exponential and logarithmic functions, equations and inequalities, sequences and series, and standardized test topics/strategies.

ALGEBRA II ACCELERATEDGrade 9 1 semester
Required Every day
1.0 credit

Prerequisite: A grade of B or better in Accelerated Algebra I and a score of 85% or better on the mathematics subtest of a standardized test; or departmental approval. By enrolling in Accelerated Algebra II, the student commits to completing the course for the duration of the semester.

Accelerated Algebra II is offered for credit during the second semester freshman year. It is an extension of the 7-12 Accelerated Program and continues a rigorous, in-depth study of algebra. Highly motivated students with an interest and desire to build a strong STEM foundation are encouraged to accept the challenges of this analytic course.

Accelerated Algebra II expands from the real to the complex number system; studies linear, quadratic, and higher order polynomial functions; extends to solving systems of equations in two and three dimensions; explores sequences and series, probability and statistics, hyperboles and conic sections; and investigates exponential, logarithmic, and trigonometric functions. Pre-Calculus concepts such as limits and continuity will also be discussed.

ELEMENTS OF GEOMETRYGrade 10 2 semesters
Required 1.0 credit

Prerequisite: Pre-Algebra/ Algebra I

The Elements of Geometry is a course designed to provide a fundamental background in Euclidean Geometry by examining geometric figures and understanding the relationships which exist among them. Hands-on exercises in logical thinking and algebraic applications will be used to develop critical thinking skills. Descriptive definition, informal proofs, scissor congruence and constructions are the foundations of this course.

GEOMETRYGrades 10-12 2 semesters
Required 1.0 credit

Prerequisite: Algebra II (or Pre-Algebra/ Algebra I)

Geometry is a course designed to provide a fundamental background in Euclidean Geometry by examining geometric figures and understanding the relationships which exist among them.

Exercises in logical thinking and algebraic applications will be used to develop critical thinking skills. Formal definitions, proofs, and construction are the foundation of this course.

GEOMETRY ACCELERATED

Grade 9 Spring Semester
(Required if started w/ Alg. I in 8th grade)
Every day

OR Grade 10 2 semesters
Required 1.0 credit

Prerequisite: A grade of B or better in Accelerated Algebra II or department approval. By enrolling in Accelerated Geometry, the student commits to completing the course for the duration of the academic year. Accelerated Geometry is an extension of the grades 7-12 Accelerated Program. Highly motivated students with an interest and desire to build a strong STEM foundation are encouraged to accept the challenges of this analytic course.

Accelerated Geometry provides an in-depth study of Euclidean Geometry by examining two and three- dimensional geometric figures and their relationships to the real world. Euclidean and non-Euclidean exercises in logical thinking and algebraic applications will be used to develop critical thinking skills. Formal definitions, theorems, postulates, proofs, and constructions are the basic foundations for this applications course.

**COLLEGE PREP
ALGEBRA**

Grade 11-12 Fall Semester
Elective 0.5 credit

OR 2 Semesters
1.0 credit

Prerequisite: Students must first complete one full of credit in Algebra I, Algebra II, and Geometry.

College Prep Algebra is designed to give a thorough foundation to algebraic topics necessary for success in later courses. Students will spend more time on the conceptual nature of mathematics and less time on the mechanics of computations. Exercises will incorporate real data and graphics as they apply to real world problems. The first semester of College Prep Algebra focuses on college and career readiness standards and the second semester emphasizes algebraic concepts traditionally taught in a university algebra course.

**STEM: THE ART AND SCIENCE
OF MATHEMATICS**

Grade 12 1 semester
Elective 0.5 credit

Prerequisite: Algebra II (10-12) and the recommendation of the department of mathematics with departmental approval.

STEM: The Art and Science of Mathematics is a course designed to increase students' mathematical literacy so that they better understand the mathematics used in their daily lives, and can use mathematics effectively to make better decisions every day. The ability to interpret and reason with quantitative information is a critical aspect of mathematical literacy and career readiness. STEM: The Art and Science of Mathematics is an elective course whereby students continue development of mathematics in a setting designed to improve conceptual understanding. Ideas will be explored through a more experimental approach rather than an abstract analysis of mathematics. A strategic application of the TI-Nspire graphing utility and its software will enhance the technology of the course.

Please note: Enrollment is based on departmental recommendation and approval.

STATISTICS

Grade 11-12 Spring semester
Elective 0.5 credits

Prerequisite: Algebra II and the foundational semester of College Prep Algebra or equivalent

The purpose of the Statistics course is to introduce students to the major concepts of statistical analysis. Students will be equipped to generate, analyze, and display data and critique or defend the use of data in real-world situations. Students will be exposed to four broad conceptual themes adapted from the College Board's Advanced Placement Statistics Curriculum: Exploring Data, Sampling and Experimentation, Anticipating Patterns, and Statistical Inference.

The Brentwood High School's Statistics course is equivalent to a one-semester introductory college course in statistics. During the course, students will learn how to interpret graphical displays of data, summarize and compare distributions of univariate and bivariate data, develop methods of data collection, plan and conduct surveys and experiments, explore probability, make statistical inferences, and test for significance at various levels of confidence. The normal, t, and chi-square distributions will be studied. Technology and research activities will be used throughout the course to introduce and develop key statistical concepts.

Please note: Priority enrollment will be granted to seniors as space is limited.

PRE-CALCULUS

Grades 11-12 2 semesters
Elective 1.0 credit

Prerequisite: Algebra II and Geometry or College Prep Algebra.

Pre-Calculus is designed for students to analyze functions, interpret graphs, create models, explore trigonometric functions, apply identities, investigate the conic sections, and solve higher order equations. Pre-Calculus prepares students for advanced mathematics and makes applications to Calculus with Analytic Geometry.

**CALCULUS/ADVANCED
COLLEGE CREDIT CALCULUS**

Grade 12 2 semesters
Elective 1.0 credit

Prerequisite: A grade of “B” or better in Pre-Calculus or department approval.

Calculus is a higher level course which develops an analytical and conceptual approach to the study of mathematics. Functions and graphs will be utilized to examine the concepts of limits and continuity. The Fundamental Theorem of Calculus, applications of the derivative, definite and indefinite integrals, differential equations, techniques of integration, algebraic and transcendental functions and their inverses are investigated. Students will select and use appropriate models, techniques, and tools for discovering patterns and solving problems.

Students who meet the requirements and pay all fees may take the 1-8-1-8 Advanced College Credit Calculus course that is offered in cooperation with the 1-8-1-8 program at St. Louis University. The student receives four hours of college credit pending the successful completion of the course with a grade of C or better. The course outline is determined by St. Louis University and corresponds as closely as possible to that course offered by the University.

**CODING/COMPUTER
PROGRAMMING**

Grade 9-12 Fall semester
Elective 0.5 credit

Brentwood High School’s Coding course utilizes the continually expanding library of online content at CodeHS.com to teach students the fundamentals of computer programming. Designed by Zach Galant and Jeremy Keeshin at Stanford University, CodeHS teaches students the basic syntax of coding, the principles and processes by which programs in any language are constructed, in a user-friendly virtual classroom. CodeHS students work at their own pace (and if needed on their own schedule) by watching videos and programming directly in a web browser. Students are introduced to programming through a microworld called Karel, move on to the basics of JavaScript, and learn to create simple animations, graphics, and games. The role of the teacher is that of a guide; CodeHS provides tracking tools and progress reports along with support of varying degrees. The finishing products of this course of study are up to the users. Students will go as far as their discipline and imagination will take them. This course will be open to students across the high school grade levels (9 – 12). The learning objectives will provide students with the prerequisites needed for further individualized study.

Please note: Priority enrollment will be granted to upperclassmen as space is limited.

SCIENCE

CONCEPTUAL PHYSICS

Grade 9 2 semesters
Required 1.0 credit

Conceptual Physics is a study of the workings and relationships of the physical world, with emphasis on energy, its forms and relationships, and its interaction with matter. Emphasis is placed on a study of waves, light, and sound in the first semester; a study of the physical concepts of

mechanics will complete the second semester. Concepts of physics are developed and supported by mathematical and experimental models. Approximately one-third of the time in this course is spent on laboratory activities.

**CONCEPTUAL PHYSICS
ACCELERATED**

Grade 9 2 semesters
Required 1.0 credit

Prerequisite: Co-enrolled in Accelerated Algebra or a higher level math course; by teacher recommendation.

The Accelerated section of this course is recommended for the highly advanced math student who also aspires to study a scientific field in college. The accelerated section will cover the topics of the standard section but will move at a more rapid pace, require more extensive and technical lab reports, and demand a higher level of independence on the part of the student. Additional units in the text may be covered as time permits.

CHEMISTRY

Grade 10 2 semesters
Required 1.0 credit

Prerequisites: Conceptual Physics AND completion of Algebra 1.

Chemistry is organized around a central theme: the properties of matter are a consequence of its structure. Topics are introduced and reinforced by a mixture of experiments, demonstrations, discussions, data analysis, lecture, group work, and problem-solving. The course blends theory, practical lab skills, and everyday applications. The activities are designed to promote critical thinking, questioning techniques, and an awareness of the environment.

Topics of study include, but are not limited to: data analysis, atomic structure, the periodic table, bonding, chemical reactions, mole concept, stoichiometry, kinetic theory, phases of matter, solutions, heat flow and acids and bases.

A standard scientific calculator that can display scientific notation is required. A TI-83 Plus (or equivalent) graphing calculator is encouraged.

General philosophy: Practice respect, work hard, and ask for help when needed.

CHEMISTRY ACCELERATED

Grade 10 2 semesters
Required 1.0 credit

Prerequisites: Completion or enrollment in Algebra 2 AND Accelerated Conceptual Physics (C or better) OR Conceptual Physics with teacher approval.

Accelerated Chemistry is an enriched version of the Chemistry course. It is designed to prepare students for college chemistry. Topics are introduced and reinforced by a mixture of experiments, demonstrations, lecture, group work, and problem-solving. The course blends theory, practical lab

skills and everyday applications. The activities are designed to promote critical thinking, questioning techniques and an awareness of the environment.

Topics of study include, but are not limited to: data analysis, atomic structure, the periodic table, ionic compounds, covalent bonding, chemical reactions, mole concept, stoichiometry, kinetic theory, gases, solutions, thermochemistry, reaction rate, chemical equilibrium, acids and bases, and electrochemistry.

Accelerated Chemistry is recommended for students interested in taking Advanced/College Credit Chemistry. A standard scientific calculator that can display scientific notation is required. A TI-83 Plus (or equivalent) graphing calculator is encouraged.

BIOLOGY

Grade 10 - 12 2 semesters
Required 1.0 credit

Prerequisite: Successful completion of Chemistry.

Biology provides the opportunity for students to study the vast majority of the living things on Earth. The major concepts taught in this class include: scientific inquiry, ecology, energy relationships, cell structure and function, reproduction and inheritance, evolution, and science and society. The class is centered around lecture and lab/activity-based instruction.

Missouri End of Course (EOC) Exam is given for this course.

PHYSICS

Grade 11- 12 2 semesters
Elective 1.0 credit

Prerequisite: A or B in College Prep Algebra or concurrent enrollment in Pre-Calculus.

In this rigorous senior science course, students will expand upon the concepts introduced in Conceptual Physics I and II, incorporating more advanced math, including trigonometry, and more complex lab experiences. A focus on solving advanced problems will require the successful student to commit extensive time outside of the classroom working on advanced problem sets and lab reports. With exceptional talent and work outside the classroom, the most highly motivated students might attempt the AP Physics test.

ADVANCED/COLLEGE CREDIT BIOLOGY

Grades 11-12 2 semesters
Elective 1.0 credit

Prerequisites: B or better in Biology and C or better in Chemistry, or with department consent.

Advanced/College Credit Biology is a lecture and lab-oriented college credit course through the Advanced Credit Program (ACP) at the University of Missouri-St. Louis. This course will require students to conduct large amounts of reading outside of class and understand detailed concepts; lab reports will also be required. Students who successfully complete the course have fulfilled their basic college science requirement and will earn credit hours through the University of Missouri-

St. Louis. Advanced/College Credit Biology will begin with a review of the fundamentals of chemistry, followed by the study of the major biological themes of ecology, cell structure and function, genetics, and evolution, with one-third of the class devoted to lab projects and research.

ADVANCED/COLLEGE CREDIT CHEMISTRY	Grades 11-12 Elective	2 semesters 1.0 credit
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Prerequisites: Completion of Algebra 2 AND Accelerated Chemistry (B or better) OR Chemistry (A) OR permission from the instructor.

ADV/CC Chemistry is designed to be the equivalent of a first-year college chemistry course. The three major goals of ADV/CC Chemistry are: 1) to provide college-level chemistry instruction, 2) to provide college-level laboratory experiences, and 3) to provide an opportunity to earn college credit through a partnership with the University of Missouri-St. Louis (Chem 1111). College-level texts and lab books are used. There is extensive use of technology in the lab and classroom activities.

A TI-83 Plus (or equivalent) graphing calculator is required for the course.

ADVANCED/COLLEGE CREDIT HUMAN ANATOMY	Grades 11-12 Elective	2 semesters 1.0 credit
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Prerequisite: Senior standing, with B or better in Biology and C or better in Chemistry. Seniors may take this course concurrently with Advanced/College-Credit Biology.

Advanced/College Credit Human Anatomy is designed for the student interested in a future related to health or medicine. This class requires outside reading, a strong aptitude for learning the structures and functions of anatomical features, and an ability to complete a dissection of animal specimens. The course will begin with a review of biological concepts related to cells, genetics, and tissue. The course then dives into the study of the major anatomical systems of the human body. Students who successfully complete the course will earn credit hours through the University of Missouri-St. Louis Advanced Credit Program (ACP).

BOTANY	Grades 11-12 Elective	1 semester 0.5 credits
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Prerequisite: Successful completion of 2 semesters of Biology

Botany is the study of the classification, structures, growth, and reproduction of plants, as well as their uses in society. This course will focus on the unique internal structures that allow for a plant's survival. Specific topics will include: cellular characteristics of plants, the reproduction pathways used, the maintenance of homeostasis, classification, and the vital and diversified roles plants play in society. Enrolled students should be prepared (appropriate clothing, etc.) to work outdoors and in the greenhouse.

ENVIRONMENTAL SCIENCE	Grades 11-12	1 semester
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Elective

0.5 credits

Prerequisite: Credit in Physics, Chemistry, and Biology or special consent of department.

This multi-disciplinary approach to current topics in science will allow students to review and apply their learning in physics, chemistry, and biology as they weigh human impacts on the environment. From the perspective of a citizen in a global society, each student will examine the impact of technology on our world and will discuss and debate how voters and politicians apply the neutral concepts of science to the actual impacts on humans. The course will use a student-driven approach to learning and will include research via internet and library resources. Specific topics include: climate change, technology, pollution, consumption and conservation of natural resources, food production and population growth, and energy alternatives.

PRACTICAL ARTS

BUSINESS

BUSINESS TECHNOLOGY

Grades 9-12 1 or 2 semesters
Elective 0.5 or 1.0 credits

Business Technology involves three main areas: keyboarding—learning to type by touch, developing correct habits, and improving speed and accuracy; formatting—learning to arrange letters, reports, and tables correctly; and production—applying the skills and knowledge learned toward practical applications. Students learn to use Microsoft Office Word, Excel, Power Point, and Publisher. Students will also have the opportunity to explore additional application programs.

ACCOUNTING

Grades 11-12 2 semesters
Elective 1.0 credit

Accounting is a study of the basic principles, concepts, and procedures of accounting needed in the business world. The complete accounting cycle is studied. Periodic projects, practice sets, and a computerized accounting program give the students and opportunity to use their acquired skills in simulated settings.

PERSONAL FINANCE

Grade 10-12 1 semester
Required 0.5 credits

This course is mandated for graduation and will instruct students in the essential principles of managing personal finance. Topics will include developing a home budget, understanding credit cards and interest, mortgages, investments, insurance, and the importance of planning for retirement while young.

GLOBAL BUSINESS AND ENTREPRENEURSHIP

Grades 11-12 2 semesters
Every day
Elective 2 credits

Students enrolled will be a part of “The Catalyst,” an innovative and advanced entrepreneurial program that offers hands-on, real-world experiences in global business and entrepreneurship. Students will develop a new business idea and potentially bring it to market. Students will be fully immersed in a professional learning environment and will gain experience working with real businesses, participating in site visits, as well as learning through meaningful projects. In addition to connecting with professionals in a wide variety of industries, students will have the opportunity to earn an internship with our business partners. The course will culminate in a pitch competition where students can win scholarships and funding. **(This course does not qualify for NCAA eligibility.)**

HUMANITIES AND SOCIAL SCIENCES

Grades 11-12 2 semesters
Every day
Elective 2 credits

Students enrolled will be a part of “The Catalyst,” an experiential learning and professional immersion program that offers hands-on, real-world experiences in the humanities and social sciences. Areas that will be explored include communication, education, law, politics, and nonprofits, among others. Students in this program have the flexibility to explore an area of passion, including but not limited to developing a nonprofit business idea, interning in a law office, serving in a school or university, as well as other ideas to be explored with the student and instructor.

Students will gain experience working with real professionals in the aforementioned fields, participating in site visits, as well as learning through meaningful projects. In addition to connecting with professionals in a wide variety of industries, students will have the opportunity to earn an internship with our partners. Students in this course may have the opportunity to win scholarships and funding for their ideas. **(This course does not qualify for NCAA eligibility.)**

FAMILY AND CONSUMER SCIENCES

INTERIOR DESIGN

Grades 9-12 1 semester
Elective 0.5credits

Interior Design is a semester instructional program that prepares students to understand the physical, psychological and social decisions pertaining to housing choices made today. The program includes units in elements and principles of design, choosing a place to live, the differences between renting and buying a home, basic housing construction principles, and developing and implementing your own housing design. This course complements both art and drafting/architecture classes.

SEWING I

Grades 9-12 1 or 2 semesters
Elective 0.5 /1.0 credits

Sewing I introduces the basic principles of the sewing machine, sewing terminology, pattern layout and interpretation, cutting, and construction of a garment. The nature, acquisition, and use of clothing and textile products, as well as the effects of consumer choices will be addressed in this course. Sewing I may be taken the first semester or for the entire year; it cannot be entered second semester.

SEWING II

Grades 10-12 1 or 2 semesters
Elective 0.5 /1.0 credits

Prerequisite: Sewing I (must be taken for an entire year).

Sewing II is an instructional program designed to extend competencies learned in Sewing I. This course contains additional information in fashion, fabric, tailoring, and creative construction techniques. Computerized sewing machines are used during this class. Students are required to teach a basic sewing for Sewing I students. Sewing II may be taken for one semester or for a year.

FOODS I	Grades 9-12	1 semester (1st semester only)
	Elective	0.5 credits

Foods is a one-semester course that prepares students to understand the principles of foods and nutrition, discuss the relationships between nutrition, health and wellness, be able to select, prepare, and care for food; understand meal management and the application of related math and science skills. Working in a group setting is required.

FOODS II	Grades 9-12	1 semester (2nd semester only)
	Elective	0.5 credits

Prerequisite: Foods I

Foods II is a one-semester course, which continues with advanced principles of foods and nutrition. This program prepares students to pursue scientific methods to study the biological and chemical basis for food fermentation, preservation, processing and preparation. Discussions include meal management, quantity food, and occupations in the food industry. Meal management and the study of ethnic food are a focus of this course.

FAMILY LIVING	Grades 9-12	1 semester (1st semester only)
	Elective	0.5 credits

Family Living is an instructional program that prepares students to understand the nature, function, and significance of human relationships within the family/individual units. Concepts and principles addressed in this course include strategies for behavior (communication and stress management), challenges facing young adults today, dating issues, and preparation for marriage. Family Living is a one-semester course.

CHILD DEVELOPMENT	Grades 9-12	1 semester (2nd semester only)
	Elective	0.5 credits

Child Development is a one-semester course designed to enhance the knowledge and expertise of dealing with children from birth through adolescence. This course also prepares students to understand children's physical, mental, emotional, and social growth and development. Experience in supervising children provides the opportunity to improve parenting skills, explore careers related to child development, and generate employment skills. Outside observations are required.

INDUSTRIAL ARTS

CONSTRUCTION CAREERS & TECHNOLOGY I Grades 9-12 1 Semester
(1st Semester only) Elective 0.5 credits

The construction Careers and Technology class will expose students to the various careers available to work at within the construction field. The 1st semester class will concentrate on careers in construction, OSHA safety regulation, and basic carpentry skills. Students will be evaluated through administration of unit test and monthly projects. They will also be given an End of Course exam for their final. If passed with a 70% or better he/she may earn part 1 of a carpentry trade certificate.

CONSTRUCTION CAREERS & TECHNOLOGY II Grades 9-12 1 Semester
Elective 0.5 credits

Prerequisite: Construction Technology I

The construction Careers and Technology 2 class will continue to expose students to the various careers available to work at within the construction field. The 2nd semester class will reinforce careers in construction, OSHA safety regulation, and practice more advanced carpentry skills. Students will be evaluated through administration of unit test and monthly projects. They will also be given an End of Course exam for their final. If passed with a 70% or better he/she may earn part 2 of a carpentry trade certificate.

RESIDENTIAL CONSTRUCTION Grades 10-12 2 semesters
Elective 1 credit

Prerequisite: Construction Technology I & II

This class provides students with the basic fundamentals of the residential construction trade. Students will be given the opportunity to practice basic residential construction trades. Students will apply and practice Basic Construction Safety, Construction Math, Hand Tools, Power Tools, Blueprint Reading, Basic Rigging, Basic Communication Skills, and Basic Employability Skills. Students will also engage in basic hands-on construction projects related to course content. This course exposes students to the careers and skills needed in the residential construction industry. This includes electrical, plumbing, framing, and concrete work.

PROJECT LEAD THE WAY

Project Lead the Way is an advanced, college credit program offered for those students who are interested in careers that involve problem-solving and critical thinking skills. This may include careers in the STEM pathway, but the skills acquired through the Project Lead the Way courses will help prepare students for any career path they may choose. Some Project Lead the Way courses are honors level courses that provide the opportunity to earn three college-credit hours per course successfully completed.

**INTRODUCTION TO
ENGINEERING DESIGN (IED)**

Grades 9-12 2 semesters
Elective 1 credit

This course teaches problem-solving skills using a design development process. Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software and use an engineering notebook to document their work. This is the industry standard for the 21st century.

**PRINCIPLES
OF ENGINEERING (POE)**

Grades 9-12 2 semesters
Elective 1 credit

Prerequisite: Introduction to Engineering Design (IED) or Engineering teacher's signature

This course offers a foundation which helps students understand the field of engineering/engineering technology. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Some of the exciting projects this course will cover will include: a projectile launcher, a mini-bridge, and a working robot! Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. A weighted grade is given for this course.

*Dual credit through University of Iowa is offered in this course. An EOC score of 6 or better is required for credit.

*Dual credit available through Missouri University of Science & Technology upon completion of Intro to Engineering Design AND Principles of Engineering. A "B" in the course and an EOC score of 6 or better is required for credit.

**COMPUTER INTEGRATED
MANUFACTURING**

Grades 10-12 2 semesters
Elective 1 credit

Prerequisite: Either IED and/or POE

This course builds on the foundation of manufacturing and design set from IED and POE. This class will teach students the manufacturing process of a product from idea to design to prototype to manufacturing final product. The student will use robotic, #D design software and computer numerical machining center to create products. The class is a very hands on class to challenge students to use their problem solving skills. This class will help prepare them for a career in the 21st century.

**AP COMPUTER SCIENCE
PRINCIPLES**

Grades 9-12 2 semesters
Elective 1 credit

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career

paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Students will develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. PLTW is recognized by the College Board as an endorsed provider of curriculum and professional development for AP® Computer Science Principles (AP CSP). This endorsement affirms that all components of PLTW CSP's offerings are aligned to the AP Curriculum Framework standards and the AP CSP assessment. Students may choose to take the AP Computer Science Principles exam upon completion of this course. College credit can be purchased through the University of Iowa for students earning a 6 or higher on the End of Course assessment (optional).

DRIVER'S EDUCATION

DRIVER'S EDUCATION & LAB

Grades 10-12	Summer only
Elective	0.5 credits

Driver's Education stresses basic skills needed for safe driving. The causes and prevention of traffic accidents, common mistakes of drivers, mental and physical limitations, safety rules, traffic laws, and parts of a car and their function. A student must be 15½ years of age or older before completion of the course so that he/she is eligible to apply for his/her license.

The class includes time for independent study time on non-driving days or days class does not meet. Independent study will include online research, projects and other assignments on driving related topics. Driver's Education Lab provides the time for the actual driving which is an integral part of driver education.

FINE ARTS

ART I semesters

Grades 9-12	2
Elective	1.0 credit

Art I students will study the Elements of Art and the Principles of Design. Student art works will be based on cultural and historical art forms and artists presented in class. Students will demonstrate drawing, painting, mixed media, ceramics, and sculpture through a variety of methods and media in this two-semester course.

ART II – 2D DESIGN

Grade 10-12	1 semester
Elective	0.5 credits

Prerequisite: Art I

Art II - 2D DESIGN is an in-depth study of the Elements of Art and Principles of Design. Student art works will be based on cultural and historical art forms and artists presented in class. Students should be confident in their artistic skills in order to perform well in this class. Students will demonstrate intermediate skills in drawing and painting through a variety of methods and media.

ART II - 3D DESIGNGrade 10-12
Elective2nd semester
0.5 credits

Prerequisite: Art I

Art II - 3D DESIGN is an in-depth study of the Elements of Art and Principles of Design. Student art works will be based on cultural and historical art forms and artists presented in class. Students should be confident in their artistic skills to perform well in this class. Students will demonstrate intermediate skills in mixed media, ceramics, and sculpture through a variety of methods and media.

ART III - 2D DESIGNGrades 11-12
Elective1st semester
0.5 credits

Prerequisite: Art II

Art III is an advanced study the Elements of Art and the Principles of Design. Student art works will be based on cultural and historical art forms and artists presented in class. Seriousness of purpose is necessary for success in this course. Students will demonstrate advanced skills in drawing and painting through a variety of methods and media.

ART III - 3D DesignGrades 11-12
Elective2nd semester
0.5 credits

Prerequisite: Art II

Art III - 3D Design is an advanced study the Elements of Art and the Principles of Design. Student art works will be based on cultural and historical art forms and artists presented in class. Seriousness of purpose is necessary for success in this course. Students will demonstrate advanced skills in mixed media, ceramics, and sculpture through a variety of methods and media.

ART IV - 2D DESIGNGrade 12
Elective1st semester
0.5 credits

Prerequisite: Art III

Art IV - 2D DESIGN is designed for the student artists to develop their own individualized approach to art. The student needs to be self-directed and disciplined. Art works will be based on the Elements of Art and Principles of Design, cultural and historical art forms and artists whose artworks influence the student artist. Students will demonstrate experimentation of the methods and media found in drawing and painting. Students who plan to have a career in art will use this course to prepare a portfolio.

ART IV - 3D DESIGNGrade 12
Elective2nd semester
0.5 credits

Prerequisite: Art III

Art IV - 3D DESIGN is designed for the student artists to develop their individualized approach to art. The student needs to be self-directed and disciplined. Art works will be based on the

Elements of Art and Principles of Design, cultural and historical art forms and artists whose artworks influence the student artist. Students will demonstrate experimentation of the methods and media found in mixed media, ceramics, and sculpture. Students who plan to have a career in art will use this course to prepare a portfolio.

THEATRE ARTS I	Grades 9-12	2 semesters
	Elective	1.0 credit

This is a hands-on “doing” class. Class time is spent in non-text situations with focus on improvisational work, theatre games and exercises, relaxation techniques, non-verbal activities, monologue and scene work. Some memorization is required. Students need not be serious actors to enroll. The class also covers musical theatre, technical aspects of theatre and stage-managing along with acting/performing. Students will be expected to be involved in main stage productions, either as a performer or working tech. Opportunities to attend productions outside of class may be offered. Students are required to attend at least one live production each semester. The final for this class is performance based.

THEATRE ARTS II	Grades 10-12	2 semesters
	Elective	1.0 credit

Prerequisite: Theatre Arts I or permission of teacher and Department Chair, and/or Principal

This is a year-long class offered to students who have completed Theatre Arts I or have worked in theatre and have performance and/or design experience. The focus of the class will be on performance skills, improvisation, and a deeper understanding of the acting process.

Scripts studied and performed will focus on children’s theatre, teen awareness and/or original work, ambiguous dialogue and published plays. Students will have the opportunity to perform in front of an audience. This is a performance-based class with an in-depth understanding of theatre history, musical theatre, script reading and monologue work.

All students in this class are expected to audition or work on the main stage productions at Brentwood High School. They are also expected to see a live theatre production each semester.

ADVANCED/COLLEGE CREDIT THEATRE	Grades 11-12	2 semesters
	Elective	1.0 credit

Prerequisite: Approval of Theatre Arts Instructor/Department Chair/Principal

Advanced/College Credit Theatre is an advanced level production and scene analysis course. The program is designed for the student who wishes to sharpen his/her acting skills and who wants

more exposure to the world of theatre. Students enrolled in this class are expected to participate in main Stage and Studio Theatre productions. Character analysis and scene study are the main focus of this class.

The particular emphasis is on the acting skills necessary for production, as well as grounding in theatre history and the many resources involved in production of a play. In addition to the development of production skills, the student becomes more aware of their ability to apply communication skills to everyday life.

HIGH SCHOOL CHAMBER CHORUS	Grades 9-12 Elective	2 semesters 1.0 credit
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High School Chamber Chorus is a vocal performance class where students will learn and expand basic singing skills in a choral setting. Sight singing, music theory, and ear training are emphasized as well as general information from a literary perspective. Participation in performances during and/or beyond the school day is required.

BAND	Grades 9-12 Elective	2 semesters 1.0 credit
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Band is designed to give the student an opportunity to learn about many types of music, such as serious, rock and jazz, and the poise necessary to perform. Music tastes and appreciation are expanded. The content includes the theory of music, the history, and the cultural aspects of music and performance. (Attendance at performances is mandatory).

MUSIC TECHNOLOGY	Grades 9-12 Elective	1 semester 0.5 credits
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Music Technology is a semester-long course that will focus on music concepts involving technology. This course will include instruction on several computer programs such as Sibelius, Finale, and JamStudio as well as basic music recording devices and techniques. No previous music experience needed for this class.

GUITAR I	Grades 9-12 Elective	2 semesters 1 credit
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Guitar I is a year-long course. Guitar I will focus on the very basic and fundamental aspects of guitar playing. This class is for true guitar beginners who want to learn how to play. No previous music experience needed for this class.

ADVANCED GUITAR	Grades 10-12 Elective	2 semesters 1 credit
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Prerequisite: Previous guitar experience is needed for this class.

Advanced Guitar is a year-long class for experienced guitar players. Guitar II will focus instruction on more advanced playing techniques and music. Students with a little to a lot of guitar experience who would like to learn more would benefit from this class.

PHYSICAL EDUCATION

PHYSICAL EDUCATION

Grades 9-12 1 or 2 semesters
Elective 0.5 /1.0 credits

The focus of this class will be on team and dual sports with an increased emphasis on lifetime and recreational activities. Activities may include, but are not limited to the following: volleyball, soccer, tennis, badminton, basketball, bowling, table tennis, softball, team handball, pickleball, ultimate Frisbee, as well as an introduction to personal fitness/strength training in the Fitness Center. Skill development, strategy, and rules will be emphasized. Other fitness related activities may be played depending on the needs of the class.

HEALTH

Grade 10 1 semester
Required 0.5 credits

Health is designed to promote an understanding of the workings of the human body and how to protect it from disease. Some of the major topics studied are personal health, public health, drug use and abuse, nutrition, human sexuality, and first aid and safety. Health is required by the state for graduation.

To complete the graduation requirement for Physical Education, which is 1.5 credits, a student must take an additional one credit of Physical Education in any of the following courses in grades 9-12.

Note: Only 3 credits of Physical Education may be counted in the 28 required credits for graduation.

PERSONAL FITNESS & STRENGTH TRAINING

Grades 9-12 1 or 2 semesters
Elective 0.5 /1.0 credits

Prerequisite: Students must have attained at least a C grade in this course before they can take additional semesters. (Exception: Approval of Department Chair and/or Principal)

This class is designed for those students who want to actively participate in strength development and aerobic conditioning. The class will include strength training, flexibility training, circuit training, walking and use of cardio equipment. The class will also examine the aspects of body composition and nutrition as they relate to the healthy, active person. Students will develop their own personal fitness programs as well as assess their fitness level on a regular basis.

Note: No more than 3 credits of Physical Education may be counted in the 28 required credits for graduation. If a student had more than 28 credits, additional PE classes can be taken.

SUPPLEMENTAL EDUCATION PROGRAMS

Brentwood High School is committed to the idea that greater degrees of flexibility must be provided in institutionalized education and that efforts must be increased to involve students in a more active way in their own learning process. Being convinced of this, attempts have been made to establish a variety of optional and supplemental modes of learning and of earning credit toward high school graduation.

All Supplemental Education Programs are elective and are available to any full-time student who needs specific entry requirements as established for the separate programs. Credit is assigned by subject fields within each Supplemental Education Programs.

INDEPENDENT STUDY	Grades 9-12	1 or 2 semesters
	Elective	0.5 /1.0 credit

A maximum of 2.0 units of credit (either elective required) may be earned. The student may receive a letter grade or pass/fail.

Independent Study (IS) is intended to be a learning activity that is largely motivated by the learner's own aims or goals. It allows a student to develop a course of study for a course not currently offered in the curriculum. The student must complete an application form and secure a sponsor from the faculty. Then, working with his sponsor, the student develops a course of study which includes information on what learning is to take place and how the study is to be evaluated.

INDIVIDUALIZED STUDY	Grades 9-12	1 or 2 semesters
	Elective	0.5 /1.0 credits

The total amount of either elective or required credit a student may earn through Individualized Study Programs depends upon the approval of the Principal and Department Chair. The student may receive a letter grade or pass/fail.

Individualized Study (IVS) allows a student to enroll for a course that is currently offered in the curriculum, but during a different class period. The student must complete an application form and secure a sponsor from the faculty. Approval must be given by the department head. The student must receive and follow a course syllabus.

SENIOR MENTORING	Grade 12	1 semester
	Elective	0.5 credits

The student must be prepared to do the required course assignments as well as work at the placement site. Irregular attendance may result in being dropped from the program.

Senior Mentoring offers students in grade 12 the opportunity to donate significant amounts of time as tutors and mentors to other students in the school district. Students must be able to schedule a regular block of time to facilitate placement with the placement. Students must provide his or her own transportation or be willing to walk to the mentoring site.

STUDENT AIDE (SA)

Grades 11-12 1 or 2 semesters
Elective 0.25 or 0.5 credits

A maximum of .5 credits of elective may be earned through the Student Aide Program. The student will be graded pass/fail.

Student Aide (SA) allows a student to serve as an aide for a teacher at the high school or middle school. The student must complete an application form and secure a sponsor from the faculty. A contract is drawn up specifying the duties to be performed and the method of evaluation. The student is required to keep a daily log of duties performed.

LEADERSHIP

Grade 12 1 or 2 semesters
Elective 0.5/1.0 credits

Leadership is a form of student aiding specifically designed for members of student council cabinet. A maximum of 1.0 units of elective credit may be earned through the Leadership Program. Approval for enrollment in the Leadership course is made by the student council advisor.

WORK EXPERIENCE

Grades 11-12 1 or 2 semesters
Elective 0.5/1.0 credits

The credits earned must be outside the 22 minimum state required credits for graduation. A maximum of 1.0 elective credit may be earned. Grading will be pass/fail. This is an “individual study” course open only in unique situations through recommendations of the CARE Team and/or principal. The course is designed to provide students with special needs an alternative educational experience that will include work/career opportunities while maintaining enrollment in a traditional school setting.

OFF-CAMPUS SCHOOL FLEX PROGRAM

Grade 11- 12 1 or 2 semesters
Elective 0.5/1.0 credits

The School Flex program allows a student to be employed or attend an off-campus college or a technical/career program while still being considered a full-time student of the school district. The program is only open to juniors and seniors who have approval from the principal and their parents/guardians. To participate in the program, the student must meet the requirements outlined below. A student participating in the School Flex Program will be considered a full-time student of the district and will receive academic credit for his or her off-campus education or employment. BHS academic policies apply.

VIRTUAL LEARNING OPPORTUNITIES

Students may apply to enroll in an accredited online course through the LAUNCH learning programs. Students will have the opportunity to provide rationale for this opportunity on the

application and enrollment decisions are by the high school administrative team. **Grading is based on fulfilling the expectations of the online course rubric and will impact acquisition of credit and GPA.** BHS academic policies apply.

LEARNING STRATEGIES
semesters

Grades 9-12 2

Elective 1.0 credit

Learning Strategies is a course that consists of learning efficient methods for improving study skills. Students will learn how to prepare for and take tests. Various note-taking techniques and research skills are learned. A student may enroll in this class based on the number of hours specified in his individual education program (IEP).

SUCCESS SKILLS FOR LEARNING

Grades 9-12 1 or 2 semesters

Success Skills for Learning is a course that consists of learning efficient methods for improving study skills. Students will learn how to prepare for and take tests. Various note-taking techniques and research skills are learned.

ACADEMIC LAB

Grades 9-12 1 or 2 semesters
No Credit

Academic Lab provides time for concentrated and guided study. Students are afforded ample time not only to do in-depth class assignments and research projects but are assisted by both classroom teachers and peer tutors in performing their tasks.

BHS COURSE RETAKE POLICY

Students may apply to retake a course if they have earned a “D or F” grade to achieve better mastery and understanding of the content and/or to progress more knowledgeably in the sequence of classes providing:

- The student did not receive the grade of D or F due to academic dishonesty.
- The student is on track for graduation regarding credits.
- The class size of the course does not exceed 25 students after first time class takers.
- Teacher approval based upon previous student effort & unique circumstances at the time.
- Mandatory course retake conference with student, parent, counselor, and administrator.

Students wanting to retake a course in which they received a D or F must contact their counselor and fill out the course retake application that requires both counselor and principal approval.

Students will be allowed to retake a specific course for a grade change one time and are limited to 4 course retakes for grade change during their tenure at BHS.

Course retakes must be taken as a regular course (Fall/Spring) at BHS.

The highest course grade earned of a retake course will be the grade used for calculating the cumulative GPA of a student.

Students that retake courses as an independent course, summer school course, correspondence course, virtual course, etc. will have both grades calculated into their grade point average (G.P.A.).

All student grades will be documented on the student transcript to provide an accurate account of the student’s academic experiences and records.