



SULLIVAN HIGH SCHOOL

"A Place Where Students & Faculty Learn, Lead, and Succeed Together!"



Career and College Planning Guide

2026-2027



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HOW TO USE THIS ACADEMIC PLANNING GUIDE

Registration Policy and Procedures

This College and Career Guide was developed to assist students as they prepare for their high school **and** post-secondary path. A specific point of consideration needs to be how the guide can assist in the completion of the Individual Career and Academic Plan (ICAP) and the selection of courses to further each student's ICAP. Each year an ICAP is completed with the grade level counselor in conjunction with a Career Cluster.

The ICAP is used to ensure that course offerings are consistent with chosen career paths/clusters. Please read the course descriptions very carefully, and be sure the course relates to your educational and career goals. Attention should be given to prerequisites (completion of prior courses) and the grade level required for each course.

In January/February, students will be given a Course Request Form along with a transcript. Students are encouraged to speak with current teachers to receive a suggested recommendation for their course pursuits. All students must register for a total of 8 courses. All students must provide three alternative courses in case of a scheduling conflict.

Transfer Students

Students transferring from a school awarding fewer than eight units of credit per year may have elective credit per year waived. In no case will graduation be granted with a total of less than twenty-four units of credits. Students entering from a school offering more credits than SHS will neither be awarded nor held accountable for credits in excess of those they could have earned had they been enrolled at SHS. Students may transfer credits from an accredited high school or a DESE approved online program, such as MoVIP.

Disclaimer

The courses listed in this program will be offered according to student interest and instructor availability. Just because the course is listed does not necessarily mean it will be offered in the 2026-2027 school year.

GENERAL INFORMATION

Unit of Credit

One unit of credit is earned for successfully completing two (2) semesters of coursework. Semester classes earn .5 credit upon successful completion of the course.

Elective

Elective courses cover a wide range of topics that typically don't fall within a specific subject department. In addition, electives can be transcribed when the minimum requirements are met in a specific subject department, all additional coursework will be transcribed as an elective.

Prerequisites

A course that must be successfully completed before another more advanced course may be taken. For example, English I must be completed before a student can take English II.

Grading Scale

%	LETTER	GPA	%	LETTER	GPA
95 - 100	A	4.00	74 - 76	C	2.50
90 - 94	A-	3.75	70 - 73	C-	2.00
87 - 89	B+	3.50	67 - 69	D+	1.75
84 - 86	B	3.25	64 - 66	D	1.50
80 - 83	B-	3.00	60 - 63	D-	1.00
77 - 79	C+	2.75	0 - 59	F	0.00

Laude System Academic Recognition

<i>Summa Cum Laude (Highest Honors)</i> GPA 3.9 and above National Average on ACT or SAT Minimum of 9 Honors Courses	<i>Magna Cum Laude (High Honors)</i> GPA 3.7 - 3.8999 National Average on ACT or SAT Minimum of 6 Honors Courses	<i>Cum Laude (Honors)</i> GPA 3.5 – 3.6999 Minimum of 4 Honors Courses or Career Tech completer
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NCAA/NAIA Clearinghouse

If you are planning to enroll in college and wish to participate in Division I, II or III and NAIA athletics, you must be certified by the NCAA Initial-Eligibility Clearinghouse. *Students are responsible for knowing courses that are not approved by the NCAA and therefore do not count toward completion of specific NCAA requirements.* A list of approved courses is available in the Guidance Office and can be found at the NCAA website listed below. The core curriculum classes that are not approved are noted with the course descriptions. Students should start the certification process at the completion of your junior year. There are several steps in the process. For more detailed information and the application materials go to www.eligibilitycenter.org. or www.playnaia.org.

TEST AND ASSESSMENT INFORMATION

Sullivan High School offers on-campus testing for the assessments listed on this page. Links are listed in order for students to obtain information regarding testing sites, dates and costs. Most sites will also offer practice test questions for the student.

	<i>School code: 263-365</i>
ACT	The ACT is one of two major testing companies providing a college entrance exam. The ACT is given at SHS on designated national testing dates, as well as an option on the annual High School Assessment Day. Students should create a student account at www.my.act.org to assist with their assessment decisions.
Pre ACT (8/9)	The PreACT 8/9 is the initial assessment provided by the ACT parent company. Questions and content are scaled to match the curriculum of corresponding levels at the high school. The PreACT score can be used as an indicator of college and career readiness. It is designed to give students an idea of what the ACT test is like and an estimation of how they'll perform on it, should they choose to take it.
Pre ACT	The PreACT is an assessment provided by the ACT parent company that gives students an estimated ACT test score and can be used as an indicator of college and career readiness. It is designed to give students an idea of what the ACT test is like and an estimation of how they'll perform on it, should they choose to take it.
Work Keys	ACT WorkKeys is a skills assessment test for those who are interested in or are currently working for employers that place an emphasis on the National Career Readiness Certificate (NCRC), which is the credential achieved by those who successfully complete the exam. Three main assessments are offered: applied mathematics, graphic literacy, and workplace documents. The goal of these assessments is to measure "real world" skills
EOC (End of Course Exam)	EOC's are required for all Missouri Public Schools. These tests measure student achievement with the results providing important information about our students and district to local educators and state officials. Student attendance during this testing period is essential. For more information go to: http://dese.state.mo.us/divimprove/assess/eoc .
PSAT (Preliminary Scholastic Aptitude Test)	The PSAT is the qualifying test for the National Merit Scholarship Competition. This test is optional. Sophomores and juniors who have a 3.5 GPA or higher are encouraged to take the exam. There is a cost to the student to take this test. For more information go to www.collegeboard.com/student/testing/psat/about.html .

SULLIVAN HIGH SCHOOL GRADUATION REQUIREMENTS

	Sullivan High School
ENGLISH	4.0 units
MATH	4.0 units
SCIENCE	3.0 units
SOCIAL STUDIES	3.0 units
FINE ARTS	1.0 unit
PRACTICAL ARTS	1.0 unit
PERSONAL FINANCE	0.5 unit
PHYSICAL EDUCATION and HEALTH	2.0 units
ELECTIVES	10.5 units
FOREIGN LANGUAGE	<i>*not a graduation requirement, but recommended for college</i>
Total	29 units

NOTE: One unit of credit is earned for passing a course that meets for two semesters. A course that meets for only one semester earns one-half unit of credit.

EARLY COLLEGE ACADEMY

The Early College Academy is a program partnership between East Central College and Sullivan High School that offers students a non-traditional pathway toward graduation. This 2-year, tuition-free academy requires students to attend their junior and senior years of high school on East Central College's campus, be enrolled in full-time college coursework, and maintain a minimum 2.5 grade point average. Upon program completion, students concurrently earn a Sullivan High School Diploma and an Associate of Arts or Applied Science Degree. All courses taken through the ECA program are given honors distinction.

In order to be admissible to ECA, students will be looking at the following:

- a minimum 3.5 GPA and core GPA
- must have been in a minimum of two honors courses
- ACT or Accuplacer scores that allow placement into English Composition I and College Algebra or Contemporary Math
- met the college benchmark in three areas on the PreACT 8/9, PreACT, or ACT
- 90% attendance, with 95% attendance preferred
- review of disciplinary records with no major disciplines
- personal statement and essay
- application at ECC and at SHS
- teacher recommendation forms
- signed agreement to abide by program rules
- access to a car (students are responsible for transportation)
- parent and student attendance required at ECA Parent Night

Students are required their junior year to take their math class at SHS. If the student participates in MSHSAA activities, they must remain in at least one course at Sullivan High School. If a student fails a course, they are responsible for paying back the cost of the course and materials to both ECC and the high school. For more information about the program, reach out to your counselor.

Sullivan High School fully funds the Early College Academy and reserves the right to make any changes to requirements, schedules, procedures, etc. at any time as deemed necessary.

COLLEGE PREPARATORY CERTIFICATE

The College Preparatory Certificate is granted by the State of Missouri to students who meet the exacting requirements in addition to the diploma presented by the school district. The College Preparatory program specifies a rigorous academic program in high school and requires that students complete it at a high level of achievement. Capable students are challenged to earn this mark of distinction while at Sullivan High School and be prepared to make the best use of a college opportunity. Planning and hard work are essential; however, and students must have a personal plan of study which includes:

- 4* English Language Arts
- 4* Mathematics
- 3* Science
- 3* Social Studies
- 1* Fine Art
- 1 Practical Art
- 1/2 Personal Finance
- 1 Physical Education
- 1/2 Health
- 4 Electives
- 3 World Languages **OR** 3 additional advanced courses from areas marked (*) and/or advanced vocational-tech courses.

In order for the students to earn the certificate, they must meet the requirements listed above, as well as the following:

- Earn a 3.0 grade point average (GPA) on a 4.0 scale in the combined areas or English/Language Arts, Mathematics, Science, and Social Studies.
- Scoring at or above the national average on the ACT (American College Test) or SAT (Scholastic Aptitude Test).
- Maintain a 95% cumulative attendance rate throughout high school

The College Preparatory Certificate is designed to challenge college-bound students. However, some students who don't plan to attend college may wish to pursue the rigorous program requiring high academic achievement. The program will provide them with a sound education and increase options beyond high school, in addition to this distinguished award. Pursuit of the certificate should not restrict students from emphasizing vocational or practical and fine arts selections in their program.

HONORS COURSES

HONORS ONLY

Honors courses are defined as courses holding a higher expectation for students and teachers. They are designed to prepare students for college-level coursework by providing a learning environment for high achieving students to be challenged through scholastic interaction and rigorous curriculum offerings; these, in turn, prepare them for competitive academic, social, emotional, organizational challenges of college. Sullivan High School designates its honors courses by course title indicating the word *honors*, *AP*, or *Dual Credit* within the title. *Note: All AP and Dual Credit courses are considered honors. All courses are audited by this committee and will be held to the standards of instruction and student outcomes determined by this Honor's Committee guidance document.*

HONORS with DUAL CREDIT Students at Sullivan High School have the opportunity to earn both high school and college credit for certain classes. Students must satisfactorily complete the courses, as well as pay a fee (current rate is ***\$72 per credit hour***). Each year the Missouri Department of Higher Education and Workforce Development offers a dual credit scholarship for students with financial need. Interested students should contact their school counselor for more information.

HONORS with ADVANCED PLACEMENTS

AP is a rigorous academic program built on the commitment, passion, and hard work of students and educators from both secondary schools and higher education. Students at Sullivan High School have the opportunity to take Advanced Placement courses in specific subject courses. Students who successfully complete the College Board curriculum and pass the AP Exam in the spring can earn transferable college credit in that particular subject. Generally scores of 3 or higher are accepted as transferable college credit in the subject area.

*Students are eligible to take any of the 34 exams AP offers because SHS is an AP site. See your counselor for more information on other AP courses you may be interested in.

*Note: Honors Dual Credit courses are denoted with an *asterisk**

Note: AP indicates an Honors Advanced Placement Course

Note: Honors without additional dual credit or AP option is denoted with just the word “HONORS” in front

Program	9th	10th	11th	12th
English	Honors English I	Honors English II	*Honors Composition I AP Language & Composition AP Literature & Composition	*Honors Composition II *Honors Composition I AP Language & Composition AP Literature & Composition
Math	Honors Algebra I	Honors Algebra II/Geometry	*Honors College Algebra * Honors Pre-Calculus	* Honors Pre-Calculus *Honors Probability and Statistics *Honors College Algebra AP Calculus A/B
Social Sciences	Honors World History	AP US History	AP US Government and Politics	AP US Government and Politics
Science		Honors Physical Science	* Honors General Biology I * Honors General Chemistry I * Honors Physics Honors Anatomy & Physiology	*Honors General Chemistry I * Honors General Chemistry II *Honors General Biology I *Honors Physics Honors Anatomy & Physiology
Fine Arts			*Honors Speech Communications *Honors Argumentation & Debate	*Honors Speech Communication *Honors Argumentation & Debate Honors Advanced Musical Studies
World Languages			Honors Spanish III	Honors Spanish III Honors Spanish IV
Early College Academy	All courses taken through ECC and the ECA program are granted honors distinction.			
Four Rivers Career Center	Four Rivers Career Center has dual technical credit articulation agreements in place with East Central College for seven of its technical programs. Articulation agreements allow students to earn both high school and college credit upon completion of courses taken at Four Rivers Career Center. The following technical programs offer dual credit through East Central College: Automotive Collision Repair, Automotive Technology, Building Construction, Graphic Communications, Information Technology, Machine Tool Technology, and Welding			

CAREER EDUCATION

SHS offers several career education courses on campus including courses from our business department, agricultural department, and FACS department. In addition, students at Sullivan High School have the opportunity to attend Rolla Technical Institute (RTI) in Rolla during their junior and/or senior year. Students at RTI gain knowledge through work experiences. Students who attend RTI receive instruction in a variety of career fields including:

- Architectural & Mechanical Design
- Automotive Technology
- Collision Repair
- Construction Trades
- Criminal Justice
- Culinary Arts
- Design Academy
- Early Childhood and Teaching Careers
- Fire and Rescue Technology
- Health Science Academy
- Heating, Ventilation, Air Conditioning, Electrical & Plumbing
- Information Technology
- Intro to Service Careers
- Masonry
- Pathways to Engineering (PLTW)
- Wood Manufacturing & Design

*See full course descriptions for each program on page

The Rolla Technical Institute has articulation agreements with multiple post-secondary institutions, including East Central College for most of its technical programs. Articulation agreements allow students to receive high school and college credit immediately upon completion of courses taken through RTI.

Application Process

1. All sophomores and junior students interested in attending as first-year students will receive a tour and application they will be required to complete prior to attending the following year. Students will then be invited for an Open House at the RTI campus.
2. The applicant list will be sent by RTI to SHS counselors for admission approval. Admissions criteria includes, but is not limited to, the student's attendance record, grades, discipline record, and teacher evaluations when making a determination of acceptance to FRCC.

NOTE: Students are eligible to earn 1/2 credit per year in each embedded credit subject offered. A grade of "C-" or above for both the overall course grade and the embedded credit grade is required to earn embedded credit. Embedded English and Math credit is available for all programs, except PLTW (math only), Health Science (English only), and Teaching Careers (English only).

MISSOURI CAREER PREP CERTIFICATE

Through East Central Missouri Career Prep Consortium

The Career Prep Certificate program is a voluntary program on the part of the school district and on the part of the individual student. It is not a high school diploma but a certificate, in addition to the high school diploma, to recognize outstanding achievement by a high school graduate in work preparedness skills. While the certificate is designed as an incentive for all students who are entering a technical career, many students who are planning on continuing into an educational post-secondary setting may wish to pursue the rigorous program that includes academic achievement, attendance, community involvement, and job readiness skills. The program encourages all students to plan and pursue excellence in their academic and technical programs.

To be eligible for the Missouri Career Prep Certificate, a student shall:

1. Complete a rigorous high school technical program.
2. Cumulative grade point average (GPA) of 2.50, on a 4.0 GPA scale,
3. Maintain an overall 95% average attendance rate throughout the four years of high school.
4. Have completed 3 credit hours of technical/practical arts classes with a minimum 3.00 GPA for all graduating classes thereafter.
5. Meet citizenship requirements as designated with the A+ program.
6. Receive a passing score on the Industry Recognized Credential or Technical Skills Attainment end of course assessment(s).

REQUIREMENTS AND GUIDELINES FOR THE EAST CENTRAL MISSOURI CONSORTIUM CAREER PREP CERTIFICATE

The Missouri Career Prep Certificate will be awarded to Sullivan High School students who successfully complete the above requirements. The certificate is awarded in addition to the regular high school diploma granted by the local school district. The Missouri Career Prep Certificate may be recognized by employers throughout Missouri.

EDUCATIONAL ALTERNATIVES

Sullivan Academic Center

This alternative educational program is designed for students under the age of 17. Students in the alternative program receive individualized online instruction to help students achieve their educational goals. Upon satisfactory progress, students will be allowed to return to the regular coursework at Sullivan High School or the Missouri Options program.

Summer School

Summer school takes place in the month of June. Courses for credits lost during the regular school year, as well as enrichment courses, will be offered. Students will be emailed a Google form to request courses in the spring. Students who fail a course during the school year are expected to take that course during summer school or repeat the course the following year. Attendance will be mandatory for the duration of summer school.

Credit Recovery

A student may earn a maximum of 2 units of credit from successful completion of credit recovery courses. Credit recovery courses are computer based and students work at their own pace to complete coursework. A variety of courses in the core subject areas are available. Students will be contacted by their counselor if they need credit recovery to enable them to graduate on time.

Missouri Options

This program is designed for students who are at least 17 years old and at least one year's worth of credits behind their cohort class. Students will meet daily at the Sullivan Academic Center and must demonstrate the ability to read independently in English at a level sufficient to successfully complete HiSET instruction and testing. A minimum of 15 hours of academic instruction per week will be provided. Students must be enrolled in other school supervised instructional activities (vocational education or work experience) in order to be considered a full-time student. When students have completed the required coursework, they will be signed up to take the HiSET exam. If they pass all parts of the HiSET exam, they will be eligible to participate in graduation ceremonies and receive a diploma.

A+ SCHOOLS PROGRAM

The A+ Schools Program was created in 1993 by state law as an incentive for improving Missouri's high schools. The primary goal of the A+ Schools Program is to ensure that all students who graduate from Missouri high schools are well prepared to pursue advanced education and employment.

Student Eligibility

Students who graduate from a designated A+ high school may qualify for a state-paid financial incentive to attend any public community college or career/technical school in Missouri if the students successfully meet the following requirements:

- Enter into a written agreement with the high school prior to graduation
- Attend a designated school for two consecutive years immediately prior to graduation
- Graduate with an overall GPA of 2.5 points or higher on a 4-point scale
- Have an overall attendance rate of at least 95% for grades 9-12
- Perform 50 hours of district-supervised, unpaid tutoring or mentoring
- Maintain a record of good citizenship and avoid drugs and alcohol
- Achieve a score of proficient or advanced on the official Algebra I End of Course exam, or achieve proficient or advanced on a higher level DESE approved EOC in the field of mathematics (ex. Geometry, Algebra II); or achieve a qualifying score as established annually by the CBHE on the ACT math subtest. As of the date of this publication the following sliding scale will be used for the ACT subtest:
 - 17 and 2.5 GPA or greater
 - 16 and 2.8 GPA or greater
 - 15 and 3.0 GPA or greater

The financial incentive is available only after the student has made a good faith effort to first secure all available federal financial aid through the Free Application for Federal Student Aid (FAFSA) that does not require repayment.

CAREER CLUSTERS

A career cluster is a group of jobs with similar features, which often require similar knowledge or skills. Choosing the best career path is an important decision that involves your skills, educational background and interests. It's also a decision that may affect the education and training you pursue.

Advanced Manufacturing

The Advanced Manufacturing Career Cluster blends innovative technologies and practices to enhance design and production. It covers areas such as engineering, research and development, automation and artificial intelligence, equipment maintenance, safety protocols, and quality control. This Cluster aims to increase efficiency, reduce waste, ensure safety, and produce high-quality goods, driving the industry's growth and adapting to modern demands.

Agriculture

This Cluster emphasizes production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

Arts, Entertainment, & Design

This Cluster focuses on designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

Construction

This Cluster focuses on professions involved in designing, planning, managing, and executing projects in the built environment. It emphasizes sustainable building practices to ensure that structures are both environmentally responsible and resilient. Careers in this cluster are pivotal in creating durable infrastructure that meets present needs without compromising future generations' ability to meet their own, covering a range of roles from architects and engineers to construction managers and skilled tradespeople.

Digital Technology

This Cluster focuses on developing digital systems for communication and data storage using critical technologies such as artificial intelligence (AI), data analytics, and cybersecurity. This Cluster builds skills necessary for all careers to navigate and lead in the constantly evolving tech landscape and drives innovation across all industries to tackle complex challenges and opportunities in communities and economies.

Education

This Cluster spans careers aimed at fostering learning from early childhood to adulthood, including teaching, instructional design, counseling services, community engagement, learner support, and educator training. This Cluster emphasizes quality education standards and lifelong learning, preparing individuals for success through all life stages by nurturing knowledge, skills, and critical thinking and encouraging personal and societal growth in a constantly evolving world.

Energy & Natural Resources

This Cluster spans careers in traditional and renewable fuel production, power generation and energy conversion, utilities, environmental preservation, ecological research, and resource extraction. These industries focus on efficient and responsible resource management, including conservation, transmission, distribution and storage, to minimize environmental impacts and meet global energy needs.

Financial Services

This Cluster encompasses careers in managing and advising financial transactions, including banking, lending, corporate finance, debt management, accounting, insurance, and real estate.

Healthcare & Human Services

This Cluster promotes whole health in individuals and communities through a diverse array of services. This sector includes technical, mental, and therapeutic services and personal care, supported by medical and social sciences. By addressing social determinants of health and leveraging health data and science, this Cluster aims to enhance the overall health and resilience of individuals, families, and communities.

Hospitality, Events, & Tourism

This Cluster encompasses a broad range of services and experiences related to food and beverage, lodging, travel, events, and conferences. This Cluster focuses on delivering quality customer service, memorable experiences, and seamless logistics to cater to the needs and preferences of guests, tourists, and event participants. The Cluster is characterized by its diversity, including everything from luxury hotels and international travel to local dining, cultural events, and business conferences, aiming to enhance the overall experience of visitors and attendees.

Management & Entrepreneurship

This Cluster involves skills and occupations that are essential across all industries, focusing on business administration, operations optimization, strategic planning, workforce management, and entrepreneurship. It merges key areas such as data management and analysis, human resources, general operations, administrative support, project management, and organizational leadership. This Cluster ensures that businesses across all industries efficiently meet their goals, adapt to market changes, and maintain competitive advantage. By emphasizing entrepreneurship, this Cluster supports the creation of new ventures, driving economic growth and innovation.

Marketing & Sales

This Cluster focuses on promoting products, understanding consumer needs, engaging with communities, and driving sales. It integrates digital marketing, data analysis, brand promotion, customer relationship management, strategic communications, human-centered design, and retail strategies to build strong customer connections and support business growth. This Cluster is essential in all industries for creating value, effectively reaching and engaging target audiences, and achieving commercial success in a competitive marketplace.

Public Service & Safety

This Cluster encompasses roles in local, state, and federal government; legal and justice systems; security; and military operations, all aimed at promoting civic responsibility and ensuring the well-being, security, functionality, and resilience of communities, states, and countries.

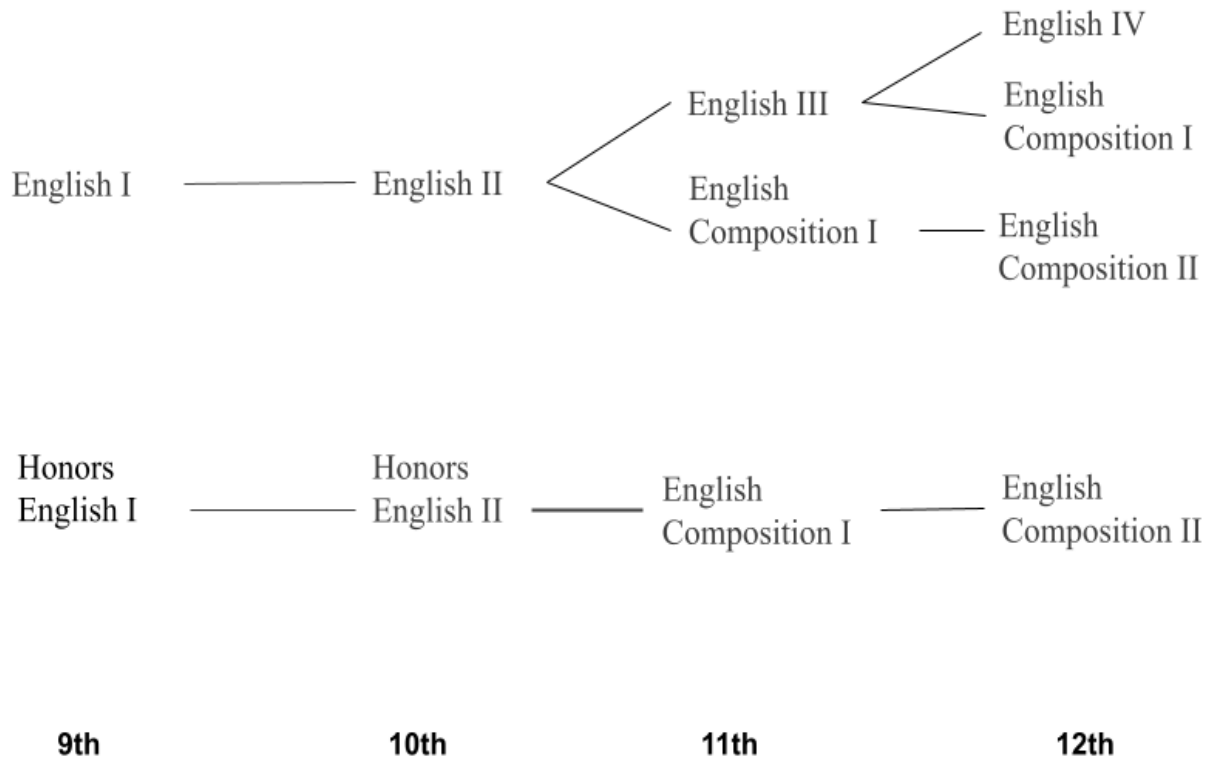
Supply Chain & Transportation

This Cluster encompasses the transfer, coordination, and management of goods from production to consumption, ensuring efficient movement across various modes of transportation including air, ground, and water, as well as maintenance of the respective transport modes.

ENGLISH LANGUAGE ARTS

COURSE SEQUENCE

* Four units of English Language Arts credit are required for graduation



ENGLISH I (054800)

Credit: 1 Unit/English/Year

In ninth grade, students explore real and imaginary worlds through immersion in a wide variety of fiction and nonfiction literary texts. Students will apply their developing skills in independent reading. This required course covers the skill areas of reading, writing, usage, vocabulary, and library skills. Reading content will focus on short stories, drama, and novels. Writing skills will be emphasized, including the development of expository, research, narrative, and descriptive paragraphs and practice in language usage, sentence structure, punctuation, spelling, and the mechanics of writing. In ninth grade, students write in a variety of modes, including: literary analysis, reflective, persuasive, and expository. They extend their knowledge of organization by focusing on thesis development, support, elaboration, and voice. The students integrate elements of literature to explore the texts that they read with an emphasis on developing analytical insights.

PREREQUISITES: None, required class for all freshmen

HONORS ENGLISH I (054800)

Credit: 1 Unit/English/Year

Enrolling in Honors English I for Freshmen is an opportunity for motivated students to immerse themselves in a challenging academic environment, fostering a lifelong love for literature and language arts. Therefore, this English course is designed for freshmen who demonstrate advanced skills in reading and writing and who want an enriched, challenging academic experience, one that fosters critical thinking, advanced analytical skills, and a deeper appreciation for literature and the craft of writing. Additionally, this course aims to prepare students for advanced English and other reading and writing-intensive honors courses. It emphasizes particular areas of deep literary analysis, collaborative discussions, note-making in a variety of formats and modes, and writing with frequent, timed, in-class essays to refine thinking and communicate clearly. The writing process guides student compositions in expository, research, narrative, descriptive, creative, and poetic pieces. In addition, this course will instruct students on how to think critically and strategically about themselves as writers and literary critics. They are required to strategically employ and critically evaluate grammar, usage, and punctuation to develop a keen understanding of how language mechanics shape the tone, style of their writing; by the end of the course, students will have begun to foster a precision and artistry in their expression.

PREREQUISITES: Placement exam administered second semester of 8th grade year; score on entrance exam must be at or equivalent to the ACT 8/9 College and Career Readiness benchmarks in writing, reading, and English.

ENGLISH II (054800)

Credit: 1 Unit/English/Year

Building upon the foundational skills established in freshman English, English II is designed to deepen students' exploration of literature and hone their analytical and communicative abilities. In this sophomore-level course, students delve into more complex texts and literary forms, expanding their critical thinking and reading comprehension. Students are explicitly taught to engage in diverse reading strategies to enhance their comprehension skills with complex texts. In addition, this course elevates their writing proficiency across diverse modes, delving into themes and topics inspired by literature and unit focus. Students develop a nuanced understanding of the writer's craft, fostering critical evaluation of texts both verbally and in writing. Students learn to strategically use relevant details and evidence in their writing, refine their organizational strategies, and analyze and select language appropriate for specific audiences and purposes. Students will synthesize and evaluate material from a variety of print and electronic resources and learn and incorporate research methods in longer writing projects. In addition, students will refine their mastery of the writing process utilizing pre-write, edit, draft and revision techniques prior to publishing their final copy. Through a focus on deeper analysis, extended writing, and effective communication, students will be well-prepared for the challenges of junior English courses. **Students take an End-Of-Course exam as mandated by the Missouri Assessment Program.**

PREREQUISITES: English I

HONORS ENGLISH II (054800)

Credit: 1 Unit/English/Year

Building upon the foundation laid in English I and/or Honors English I, Honors English II is a dynamic and challenging course designed for high school students who are passionate about literature and language arts. This course continues to cultivate advanced critical thinking, analytical, and communication skills. Students delve into more complex literary works, engage in advanced writing assignments, and explore thematic connections across diverse texts. In addition, this advanced English course requires a demonstrated mastery in reading and writing skills in English I or Honors English I and provides ongoing experience in demanding writing assignments and in literary analysis. Both expository and expressive writing skills are further developed with concentration on critical thinking, diction, mechanics, and style. A survey of literature is the reading focus. This course is designed to prepare students for advanced level courses as juniors, with a particular emphasis on writing development and refinement. Students take the English End-of-Course Exam required by the Missouri Assessment Program. **Students take an End-Of-Course exam as mandated by the Missouri Assessment Program.**

PREREQUISITES: Sophomore standing with a 'C' or higher in Honors English I or English I; teacher recommendation

ENGLISH III-AMERICAN LITERATURE (054800)

Credit: 1 Unit/English/Year

Explore American literature's chronology, unraveling its essence and reflecting on timeless themes. Study diverse works in prose, poetry, drama, and nonfiction, delving into historical and cultural contexts. Hone research, reading, writing, and speaking skills through multi-textual analysis. Emphasize critical thinking, utilizing reading strategies for complex texts and preparing for the ACT. Develop mastery in the writing process, refining techniques for expository, narrative, and argumentative texts. Enhance verbal skills through presentations and project-based learning. This course offers a comprehensive journey into American literary traditions, fostering critical thinking, analysis, and effective communication.

PREREQUISITES: English I and II.

HONORS COMPOSITION I (054800)

Credit: 1 Unit/English/Year/Dual Credit option

Students will develop skills in writing prose acceptable in academics and in the professions, with emphasis on grammar, punctuation, sentence structure, paragraph development, the writing process, vocabulary, and patterns of essay development in both expository and narrative writing. Various selections from expository and imaginative writing will serve as models and as sources for composition topics. Students will learn multiple patterns of essay development to complete out-of-class and in-class essays. In order to ensure success in this course students must be able to complete work on time, develop strong organizational skills, communicate effectively with the instructor and other students, and develop study habits required of college level coursework.

PREREQUISITES: Junior or senior standing with at least a grade of C or better in Honors English II, or an A in English II or English III with teacher recommendation.

ENGLISH IV (054800)

Credit: 1 Unit/English/Year

This senior English course is designed to further enhance students' reading and writing skills, equipping them for a successful transition into college or a career. The course emphasizes the creation and publication of argumentative and persuasive writings tailored for diverse audiences and situations. Students refine critical thinking and analysis through written comparative studies, exploring the intersection of famous literary works and their modern adaptations in film and stage productions. Writing assignments encompass a wide range of professional and academic genres, including personal statements, resumes, cover letters, research papers, project proposals, debate analysis, research arguments, persuasive essays, reading responses, formal comparative literary essays, letters, emails, and various student-choice writing selections. While the primary focus remains on reading and writing, the course integrates oral communication practice and collaborative work environments. Through ongoing vocabulary studies and a dedicated emphasis on the writing and revision process, students master key rhetorical and mechanical skills, preparing them for the demands of both higher education and professional settings.

PREREQUISITES: Senior standing

HONORS COMPOSITION II (054861)

Credit: 1 Unit/English/Year/Dual Credit Option

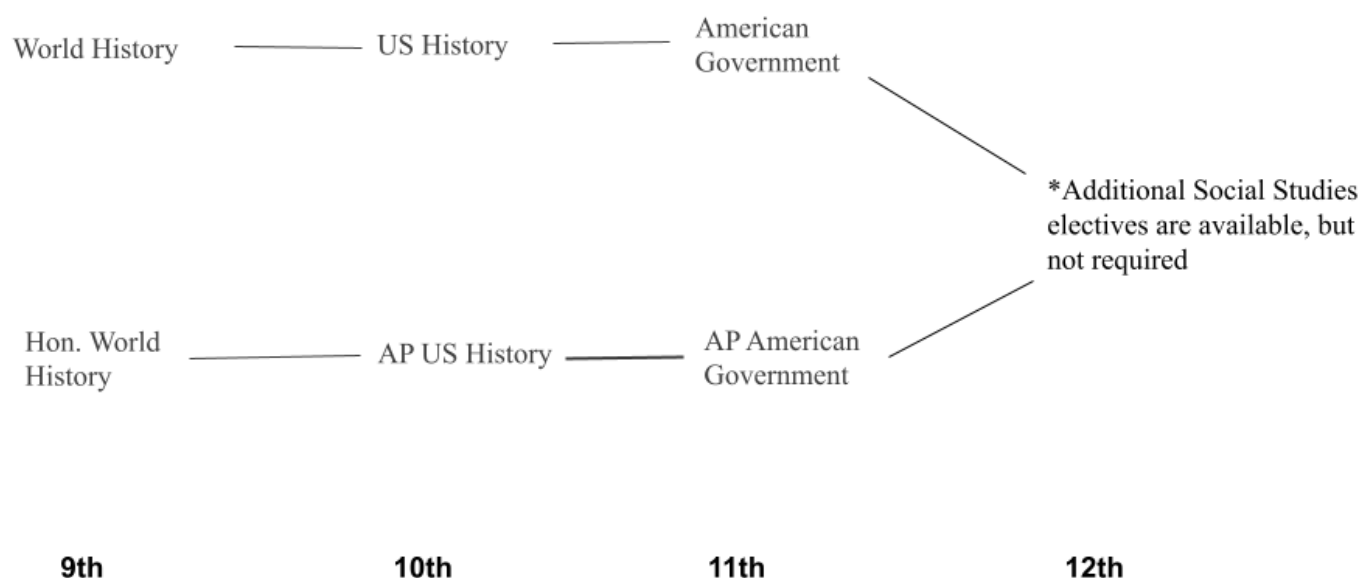
This course is a continuation for students who were previously enrolled in English Composition I as juniors. Students will continue to develop skills in writing prose acceptable in academics and in the professions, with emphasis on grammar, punctuation, sentence structure, paragraph development, the writing process, vocabulary, and patterns of essay development. Various selections from expository and imaginative writing will serve as models and as sources for composition topics. In addition, students will be required to use critical reading and thinking skills, the writing process, and rhetorical skills in both expository and argumentative writing. Major course projects include an introduction to research and rhetorical skills and the appropriate use of academic sources and academic prose culminating in a documented research essay, as well as an extended in-class presentation. The class is offered as a dual credit course through Missouri Baptist University for ENGL 123.

Prerequisite: Senior standing with at least a grade of C or better in English Composition I or teacher recommendation.

SOCIAL STUDIES

COURSE SEQUENCE

* Three units of Social Studies credit are required for graduation



WORLD HISTORY (156663)

Credit: 1 Unit/Social Studies/Year

The discipline of the high school modern world history program will be an in-depth study of the chronological events of the world. This course will cover aspects of the social, political and economic development of human civilization from the Renaissance through World War I. Knowledge of world history addresses significant events, people, ideas, trends, and conflicts with concern for causes, consequences, and relationships across time and place. Modern World History stresses the development of good critical thinking and writing skills.

PREREQUISITES: Required for all freshmen

HONORS WORLD HISTORY (156663)

Credit: 1 Unit/Social Studies/Year

An introductory course designed to prepare students for Advanced Placement Social Science courses such as AP U.S. History. The majority of the course focuses on the major turning points of the modern world from the Middle Ages to the present. Contemporary world issues such as globalization, economic interdependence, the clash of fundamentalist theocracy with modern nationalism and the rise of terrorism will also factor into our analysis of international conflict and cooperation. Current events are integrated into the curriculum so that students can see modern connections between then and now. Time will be devoted to practicing the higher level skills that will be used in future AP or college course and improve their overall critical reading, writing, and speaking skills using social science strategies such as creating fact based arguments and supporting those arguments with textual evidence, the creation of and defense of thesis statements, analysis and synthesis of historical events, and analysis of multiple points of view. Students will be assessed in a variety of formats which include tests, projects, oral presentations, debate, internet activities, document based questions (DBQs), historical simulations, political geography, analysis of primary source materials and political cartoons. Students will continuously be engaged in student centered activities which will allow them to explore and process curricular material in intellectual forums that depend on proactive participation, critical thinking skills, and willingness to problem solve.

PREREQUISITES: C or above in both English and History plus Teacher Recommendation, with exemplary performance on placement exam.

UNITED STATES HISTORY (156661)

Credit: 1 Unit/Social Studies/Year

The high school U.S. history program is a basic chronological study of U.S. history beginning at Reconstruction through contemporary America, emphasizing communication, research, analysis, and writing skills. Students must pass a full year of United States history to meet state graduation requirements.

PREREQUISITES: Graduation requirement. Recommended during the sophomore year.

AP UNITED STATES HISTORY (156795)

Credit: 1 Unit/Social Studies/Year

This advanced high school U.S. history program is a basic chronological study of U.S. history beginning at Pre-Columbian through contemporary America, emphasizing communication, research, analysis, and writing skills. AP US history stresses the development of critical thinking ability and writing skills.

Students will also be asked to demonstrate above average reading and writing skills.

PREREQUISITES: Sophomore standing with “C” or better in previous year’s social studies course and English, or previous year teacher approval.

AMERICAN GOVERNMENT (156651)

Credit: 1 Unit/Social Studies/Year

In the study of American government, students will develop a better understanding of the foundations of our democracy at the federal, state and local levels. The relationships of the three branches of this system will be examined. Citizenship, including both rights and responsibilities, is stressed. All students must pass this course and the U.S. and Missouri Constitution test, as well as the Citizenship/Civics test to graduate.

PREREQUISITES: Graduation requirement. Recommended during the junior year.

*****American Government students will take an End of Course (EOC) Assessment which is required by DESE’s Missouri Assessment Program.***

AP US GOVERNMENT AND POLITICS (156795)

Credit: 1 Unit/Social Studies/Year

Advanced Placement U.S. Government and Politics is an honors level course that explores the political theory and everyday practice that direct the daily operations of the U.S. government and shape our public policies. It will provide the students with an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and analysis of specific examples. Since students will be reading and assessing college level material, the course requires a high level of competence and interest. A thorough review of the structure, powers, and influences of the U.S. government system will be covered. Students will develop a critical understanding of the strengths and weaknesses of the American political system, as well a citizen's rights and responsibilities. This course will meet four graduation requirements of the Sullivan School District and of the state of Missouri: (1) successful completion of a government course, (2) the passage of the U.S. Constitution test, (3) the passage of the Missouri Constitution test, and (4) the passage of the Citizenship/Civics test. Students will also be required to take the U.S. Government End-of-Course Exam and are expected to take the Advanced Placement Government Exam.

PREREQUISITES: Junior standing with "C" or better in United States History or Honors United States History, or previous year teacher approval.

*****American Government students will take an End of Course (EOC) Assessment which is required by DESE's Missouri Assessment Program.***

PSYCHOLOGY (156100)

Credit: 1 Unit/Social Studies/Year/Elective

Psychology is the scientific study of individual human behavior and mental processes. Students will survey the major principles of psychology and an introduction to the history of psychology. The course focuses on the complexity of everyday human behavior with emphasis on the following topics: learning and memory; intelligence and psychological testing; biology and behavior; perception and motivation; states of consciousness; stress and mental illness. Students will also learn research skills and will be instructed in the APA (American Psychological Association) method of citation. APA guidelines are used for writing papers and doing assignments in the social sciences on both the undergraduate and graduate levels.

PREREQUISITES: Junior or senior standing

SOCIOLOGY (156670)

Credit: 1 Unit/Social Studies/Year/Elective

Sociology is the study of the development, structure, and functioning of human society. Students will gain comprehensive knowledge and relevant skills in the field of sociology in preparation for more advanced educational exploration into the subject and application to real life experiences. The course will investigate classical and contemporary sociological theorists, and apply distinct perspectives of sociology to evaluate social groups, institutions, and problems. It will also explore socialization and topics including: social class, family, minority groups, crime, prison, and poverty.

PREREQUISITES: Junior or senior standing

CIVIL WAR (156691)

Credit: 1/2 Unit/Social Studies/Semester/Elective

The Civil War course is designed to be an in-depth study of the many areas of sectional conflict between the North and South from the conception of our nation through the Civil War and Reconstruction.

Topics will include the historical, moral, social, psychological, and economic issues of the era as well as key battles, tactics, and strategy, and the great leaders of the Civil War.

PREREQUISITES: 10, 11, or 12th standing

HOLOCAUST (156620)

Credit: 1/2 Unit/Social Studies/Semester/Elective

This course will examine the who, when, where, why, and how of the Holocaust (1933-1945).

Students will reflect on the moral questions raised by the Holocaust as well as their own responsibilities as citizens of a democracy. Modern 'holocausts' will be examined. Because of the mature theme this course is open to juniors and seniors only. Above grade level reading skills are highly recommended.

PREREQUISITES: 10, 11, or 12th standing

CURRENT EVENTS (156620)

Credit: 1/2 unit/Social Studies/Semester

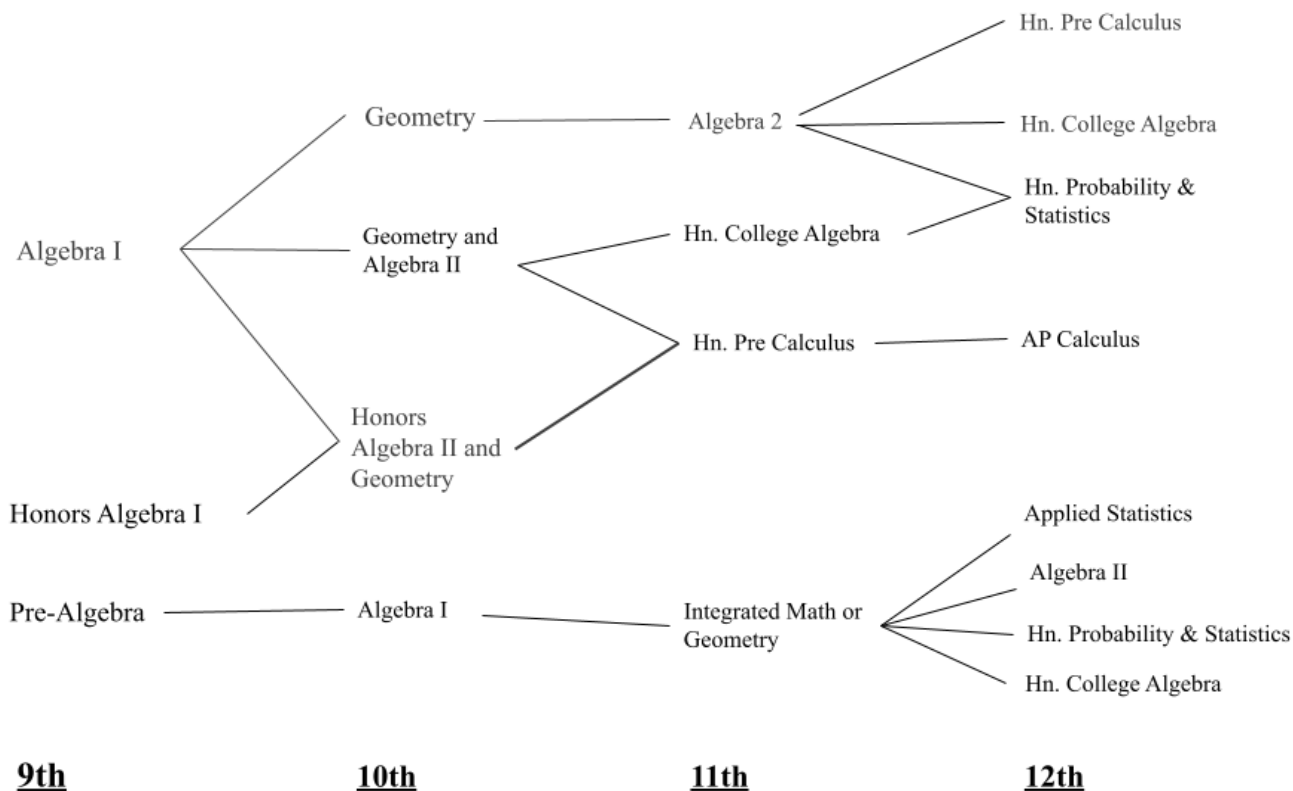
This course is designed to immerse students in the dynamic world of local, national, and international current events. Through a diverse range of media including newspapers, magazines, and news broadcasts, students will delve into the complex tapestry of today's societal issues. The course will guide students through an exploration of various spheres of contemporary issues in economic trends, religious movements, social dynamics, political developments, and military affairs to name a few. However, the learning extends beyond contemporary discussions. Students will embark on rigorous short and long research journeys to unearth the historical roots of present-day scenarios, providing a comprehensive understanding of the issues at hand. Moreover, this course places a strong emphasis on the development of communication skills, encouraging students to articulate their perspectives and engage in informed conversations on various topics. By fostering critical thinking, analytical skills, and literacy this course aims to prepare students not only to be informed citizens but also excellent communicators.

PREREQUISITES: 10, 11, or 12th standing

MATHEMATICS

COURSE SEQUENCE

Four units of MATH credit are required for graduation



ALGEBRA I (115810)

Credit: 1 Unit/Math/Year

This course stresses the development of computational and problem-solving skills in the real number system. Special attention will be given to solving equations, inequalities, and graphing functions.

PREREQUISITES: Freshman standing - Teacher Placement

*****Algebra I students will take an End of Course (EOC) Assessment which is required by DESE's Missouri Assessment Program.***

HONORS ALGEBRA I (115800)

Credit: 1 Unit/Math/Year

This 9th grade honors course is an accelerated in-depth study of Algebra I concepts. The instructional approach in this course emphasizes learning like a mathematician through questioning, strategic thinking, problem solving, and goal setting. It prepares students for advanced mathematics courses and covers topics including, but not limited to, the real number system, operations with polynomials, data analysis with linear regression, and quadratic functions and equations, functions and sequences. Prior familiarity with basic properties of functions and linear equations in one and two variables is assumed.

PREREQUISITES: 9th Grade Standing; must score advanced on 9th grade math placement exam and on MAP tests

*****Algebra I students will take an End of Course (EOC) Assessment which is required by DESE's Missouri Assessment Program.***

PRE-ALGEBRA I (115800)

Credit: 1 Unit/Math/Year

Pre-Algebra builds foundational math skills by reinforcing whole numbers, fractions, decimals, integers, ratios, and basic equations. Students develop problem-solving skills and prepare for success in Algebra I. It brings together knowledge and skills learned in previous years and introduces students to new algebraic concepts.

PREREQUISITES: Freshman standing - Teacher Placement

GEOMETRY (115830)

Credit: 1 Unit/Math/Year

This course stresses the use of reasoning and logic to study lines, angles, polygons, circles, area, volume and formal proofs.

PREREQUISITES: Completion of Algebra I.

ALGEBRA II (115810)

Credit: 1 Unit/Math/Year

This course stresses the development of computational problem-solving skills in the complex number system. Special attention will be given to analyzing functions, solving equations, and applications of these solution techniques in problem-solving.

PREREQUISITES: Completion of Algebra I and Geometry, or taken concurrently with Geometry.

HONORS ALGEBRA II/GEOMETRY (115810)

Credit: 1 Unit/Math/Year

This fast-paced course is a follow-up to Algebra I and will cover all topics typically addressed in Geometry and Algebra II. Students will use reasoning and logic to study lines, angles, polygons, circles, area, volume, and formal proof. This course also stresses the development of computational problem-solving skills in the complex number system. Special attention will be given to analyzing functions, solving equations, and applications of these solution techniques in problem-solving.

PREREQUISITES: Completion of Algebra I with a B or better and Teacher Placement.

INTEGRATED MATH (115905)

Credit: 1 Unit/Math/Year

Integrated Math completes a three-course sequence of Integrated Mathematics. In preparation for college, trade school, or the workforce, this course is designed to further explore the principles introduced in Algebra IA and Algebra IB. It brings together knowledge and skills learned in the previous two courses and uses them as bridges to expand into more complex territory into Geometry and Algebra II.

PREREQUISITES: Junior standing - Teacher Placement

APPLIED STATISTICS (115875)

Credit: 1 Unit/Math/Year

This course is designed to provide students with an introduction to college statistics. Topics include the collecting, organizing, and displaying of data, probability, distributions, correlation, and regression. Students will be utilizing graphing calculators and laptops to complete assignments and projects.

PREREQUISITES: Completion of Integrated Math..

HONORS PROBABILITY & STATISTICS (115875)

Credit: 1 Unit/Math/Year/Dual Credit option

This is a dual enrollment course in which high school and college credit is earned. This course includes descriptive and inferential statistics, data summarization methods, concepts of probability theory, random variables and their mathematical expectations, discrete and continuous probability distributions, sampling theory, confidence intervals, tests of hypotheses, and simple linear regression.

PREREQUISITES: Completion of Algebra II with a C or better. Can be taken Senior year only. Dual Credit is available for eligible students through Missouri Baptist University.

HONORS COLLEGE ALGEBRA (115810)

Credit: 1 Unit/Math/Year/Dual Credit option

This is a dual enrollment course in which high school and college credit is earned. Some topics covered include: complex number system, solving and graphing equations and inequalities, permutations, combinations, matrices, and logarithms.

PREREQUISITES: Completion of Algebra II or Integrated Math with a 'C' or better. Can be taken Junior or Senior year. Dual Credit is available for eligible students through Missouri Baptist University.

HONORS PRECALCULUS (115870)

Credit: 1 Unit/Math/Year/Dual Credit option

This is a dual enrollment course in which high school and college credit is earned. This course is a combination of College Algebra and Trigonometry. The purpose of this course is to prepare students for college level mathematics or the following year of AP Calculus AB.

PREREQUISITES: Completion of Algebra II with B or better This course should be taken Junior year for those desiring AP Calculus AB as a senior. Dual credit is available to students who qualify through Missouri Baptist University.

AP CALCULUS (115895)

Credit: 1 Unit/Math/Year

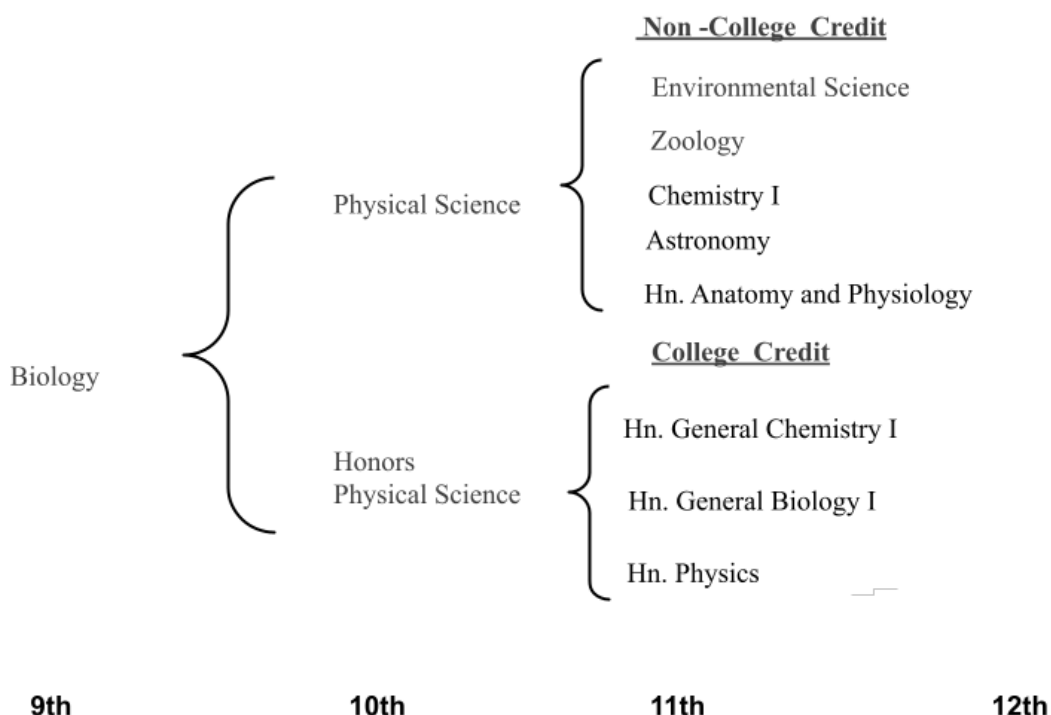
This is a dual enrollment course in which high school and college credit is earned. This course is designed to be the equivalent of a college level Calculus I course and follows the Advanced Placement Calculus (AB) outline. Major topics of study include limits, derivatives, and integration.

PREREQUISITES: Completion of Precalculus with a B or better. College credit potential via AP exam.

SCIENCE

COURSE SEQUENCE

Three units of Science credit are required for graduation



*Courses offered during Junior year may also be available for Senior year

** Completing 3 Ag Science courses may be an option for a 3rd Science Credit

BIOLOGY (134200)

Credit: 1 Unit/Science/Year

Biology students examine the nature of living organisms through a variety of projects and laboratory activities. Topics include cellular makeup and function, organization, interactions of organisms, and the nature and functions of the living organisms. The impact of society's perceptions of science, and the impact of scientific discoveries and technology on society will be examined and evaluated. These will be accomplished through lecture, laboratory activities, media, projects, and homework assignments.

PREREQUISITES: Freshman standing

*****Biology students will take an End of Course (EOC) Assessment which is required by DESE's Missouri Assessment Program.***

PHYSICAL SCIENCE (135010)

Credit: 1 Unit/Science/Year

Students will experience both chemistry and physics. Chemistry is the study of the relationship between matter and energy and the changes they undergo. Physics is the study of the transformation of matter and energy through the fundamental quantities of mass, length, time, temperature, and electrical charge. The subject matter is developed through lecture, class discussion, demonstration, laboratory, and problem-solving experiences.

PREREQUISITES: Sophomore standing

HONORS PHYSICAL SCIENCE (135010)

Credit: 1 Unit/Science/Year

In this honors course, students will experience a more in-depth study of all aspects of Physical Science. Students will experience both chemistry and physics. Chemistry is the study of the relationship between matter and energy and the changes they undergo. Physics is the study of the transformation of matter and energy through the fundamental quantities of mass, length, time, temperature, and electrical charge. The subject matter is developed through lecture, class discussion, demonstration, laboratory, and problem-solving experiences. It is highly recommended that students planning to go on to General Chemistry I and/or Physics take this course.

PREREQUISITES: Sophomore standing with a “C” or better in Algebra I. Students must be concurrently enrolled in Geometry or higher level math.

CHEMISTRY I

Credit: 1 Unit/Science/Year

Chemistry is the study of the composition, structure, and properties of matter and the changes it undergoes. The subject matter is developed through lecture, class discussion, demonstration, laboratory, and problem solving experiences. Topics covered are lab safety, changes in matter, scientific measurements, atomic models, electron configurations, periodicity, chemical bonding, moles, chemical reactions, and stoichiometry. The purpose of chemistry is to develop an appreciation of the chemical nature of the world.

PREREQUISITES: Junior or senior standing with a passing grade in Physical Science.

HONORS GENERAL CHEMISTRY I (134600)

Credit: 1 Unit/Science/Year/Dual Credit option

This is a RIGOROUS dual credit course in which high school and college credit is earned. This course is the equivalent to General Chemistry I Lecture and Lab course in college where students earn 5 college credit hours. This course is suitable only for high school students who exhibit high levels of commitment, motivation and academic maturity. Chemistry is the study of the composition, structure, and properties of matter and the changes it undergoes. The purpose of this course is to prepare students by building a good foundation of scientific skills and knowledge. Topics covered are lab safety, changes in matter, measurements and calculations, atomic models, atomic structure, periodicity, chemical bonding, moles, chemical reactions including compounds in aqueous solutions, stoichiometry, solutions, gas laws, and thermochemistry. **Students are expected to be highly motivated and spend extra time studying outside of class.** The problem-solving strategies obtained during this course will prepare college-bound students for careers in the sciences, medicine, engineering, and other technical areas. This course will enhance the student's math skills, critical/analytical thinking skills, and increase their overall scientific literacy.

PREREQUISITES: Junior or senior standing and must be enrolled in Algebra II or higher math class and passed with at least a “C” in Honors Physical Science or teacher approval. Dual Credit is available for eligible students through Missouri Baptist University.

ENVIRONMENTAL SCIENCE (134215)

Credit: 1 Unit/Science/Year

Environmental Science is an applied science that uses a hands-on approach to studying how organisms interact with their environment and human impact. In the course of their investigations, students will gain an understanding of environmental issues and ecological concepts such as ecosystems, populations, food chains/food webs, nutrient cycles, water, pollution sources, future energy needs, and conservation techniques (with an emphasis on Missouri conservation). The students will gain an appreciation for the world around them, and the effect their actions will have upon our world.

PREREQUISITES: Junior or senior standing

ASTRONOMY (133810)

Credit: 1 Unit/Science/Year

Astronomy studies all aspects of the known universe and is an observational science that has transformed over the ages as new models, ideas, and instruments are introduced. This year-long science elective is designed for high school students interested in studying astronomy developing/applying knowledge of the composition and structure of the universe. The course emphasizes the physical processes at work in the universe and the methods scientists use to learn about the universe. Main topics include historical astronomy, astronomical instruments, the celestial sphere, the solar system, the earth as a system in space, the earth/moon, stars and stellar evolution, galaxies, cosmology, and current space explorations. This course applies the scientific method with minimal, but some algebraic calculations. This course models the Missouri Learning Standards for developing science literacies.

PREREQUISITES: 11-12 grade standing with a 'C' or above in previous years math and science.

ZOOLOGY (134220)

Credit: 1 Unit/Science/Year

Zoology provides students with a hands-on approach to studying the way in which animals are classified based on comparative anatomy. The laboratory activities include dissections of a specimen from every major phylum. The investigations provide a foundation for making comparisons of the major phyla and their unique characteristics including growth and development.. Zoology will cover the major phyla Porifera to Mammalia.

PREREQUISITES: Junior or senior standing

HONORS ANATOMY AND PHYSIOLOGY (134221)

Credit: 1 Unit/Science/Year

Human Anatomy and Physiology Honors explores the systems comprising the human body by emphasizing physiological mechanisms and a thorough understanding of human anatomy. The course will start off with an introduction of the human body, including cell; tissues and progressing to body systems with a special emphasis on the integumentary, skeletal, muscular, and nervous systems; and special senses. Throughout the course the interrelatedness of such systems as the skeletal, muscular, nervous, and circulatory will be highlighted. This course is recommended for those pursuing a career in the health science field. This course has a substantial laboratory component, including multiple dissections.

PREREQUISITES: Junior or senior standing with at least a "C" in Biology or Honors Physical Science, at least a 'B' in regular Physical Science, or teacher approval.

HONORS GENERAL BIOLOGY I (134200)

Credit: 1 Unit/Science/Year/Dual Credit option

This is a rigorous dual enrollment course in which one high school and four college credits are earned. This course will approach important biological concepts on advanced levels with special emphasis on current topics in biology. The scientific method of investigation will be studied to help students develop skills in experimental design, hypothesis formation collection, interpretation of statistical data, and developing logical conclusions from experimentation. Topics covered include, but are not limited to, biological chemistry, cells, molecular genetics, energy, metabolism, cell communication, and DNA replication, mutations and repair.

PREREQUISITES: Junior or senior standing with at least a “C” in Biology or Honors Physical Science, at least a ‘C’ in regular Physical Science, or teacher approval. Dual Credit is available for eligible students through Missouri Baptist University. Advanced Placement test option available.

HONORS COLLEGE PHYSICS (135900)

Credit: 1 Unit/Science/Year/Dual Credit option

Physics is used to describe the physical universe around us, and to predict how it will behave. Physics is designed to educate the student in fundamental physics topics. Students study mechanics, kinematics, energy, momentum, circular motion, waves, and electromagnetism. This class is normally taken by students who want to build background knowledge in physics prior to entering college with a focus in a career requiring physics, but is open to anyone interested in understanding more about the physical universe.

PREREQUISITES: Junior or senior Standing and a “C” or better in Geometry

FINE ARTS

ARTS & CRAFTS (24123)

Credit: 1 Unit/Fine Art/Year

This course is an alternative to Art I, for those students who are more hands-on and do not anticipate pursuing a higher level art. Students will explore their creativity by using a variety of both traditional and non-traditional techniques to construct projects using papers, fibers, paper mache' and found items. Projects may include holiday themed crafts and may include a small fee for items at student discretion. This class also requires the use of Chromebook and Artsonia. This course may not be added at semester. Students may be liable for damaged materials and equipment.

PREREQUISITES: Freshman, sophomore, junior and senior standing

ART I (24100)

Credit: 1 Unit/Fine Art/Year

This course is an introductory study in the elements of art, principles of design, art history, aesthetics, and criticism. Students will explore various composition, drawing, painting, and printmaking projects. Chromebook, projects, and written critiques are required. If a student fails Art I, the class may only be repeated once for a passing grade. This course may not be added at semester. Students are liable for damaged materials and equipment.

PREREQUISITES: Freshman, sophomore, junior and senior standing

ART II (24100)

Credit: 1 Unit/Fine Art/Year

This advanced course is a continuation of Art I with further study in art elements, principles, history, and criticism. Students will complete advanced level studies of various drawing, painting, printmaking, and three-dimensional techniques. Sketches, projects, and written critiques are required. Student participation in art competitions and shows is required. Supply fees will be assessed to some projects if the student wishes to keep their work. Students are liable for damaged material and equipment.

PREREQUISITES: Completion of Art I with a C or higher.

ART III (& IV) (24100)

Credit: 1 Unit/Fine Art/Year

This course is a continuation of Art II with advanced study in technique, history, criticism, and research. Students will complete studies of various drawing, painting, printmaking, and three-dimensional techniques, but at an advanced level. Sketches, projects, and written critiques required. Student participation in art competitions and shows expected. This class can be repeated for credit as Art IV with instructor's written permission. While Art IV will follow the same course design, assessment will be of a higher standard. Supply fees will be assessed to some projects if the student wishes to keep their work. Students are liable for damaged material and equipment.

PREREQUISITES: Completion of Art II with a C or higher.

3D STUDIO ART (024199)

Credit: 1 Unit/Fine Art/Year

In this hands-on introductory course, students will explore the fundamental principles of three-dimensional design through various media, including sculpture, ceramics, and mixed media. By focusing on the elements of art and principles of design, students will gain an understanding of form, space, texture, and structure. Through a variety of additive and subtractive techniques, they will engage in the creative process from ideation to final presentation, learning to critically analyze their own work and that of others. Projects will incorporate themes such as identity, cultural narratives, and the environment, encouraging personal

expression and conceptual development. Students will explore traditional materials such as cardboard, clay, wood, wire, and paper, as well as more unconventional methods to create both representational and abstract forms. The course emphasizes experimentation, problem-solving, and the development of technical skills, with a focus on fostering creativity and artistic confidence. Throughout the course, students will document their process and reflect on their growth using digital portfolios, gaining valuable skills in both craftsmanship and contemporary art practices. No prior 3D art experience is required, making this an excellent foundation for further study in the visual arts.

PREREQUISITES: Open to 9th-12th grade students

CERAMICS I (24126)

Credit: 1 Unit/Fine Art/Year

This course is a beginning study of clay. After showing competency of technique and safety procedures, students will experiment with hand building, glazing, surface enhancement, and firing techniques. Research will be completed on artists and/or techniques. Notebook/sketchbook is required. Student participation in art competitions and shows is encouraged. Supply fees of \$10.00 will be assessed to cover the cost of materials. Students are liable for damaged material and equipment.

PREREQUISITES: Completion of Art I or Arts & Crafts with a C or higher.

CERAMICS II (24126)

Credit: 1 Unit/Fine Art/Year

This course is a continuation of Ceramics I with advanced study in hand building, glazing, surface enhancement, and firing techniques. Research of artists and techniques will be completed and kept in a notebook/sketchbook. Students will be encouraged to explore both functional and nonfunctional works. Participation in art competitions and shows are expected. Supply fees of \$10 will be assessed to cover the cost of materials. Further fees may be assessed for specialty items of student's request.

PREREQUISITES: Completion of Ceramics I with a C or higher.

SYMPHONIC BAND (125510)

Credit: 1 Unit/Fine Art/Year

This course includes many different playing opportunities. Marching band will be the primary focus for much of the first semester. At the conclusion of football season, concert band will begin and will continue for the remainder of the school year. Students will be given an opportunity to demonstrate their abilities through written, oral, and nonverbal means. Students will develop musical skills in areas of reasoning, communication, aesthetic appreciation, social processes, and self-discipline. Each student is expected to attend all performances, including contests, festivals, and all rehearsals. Rehearsals and performances include: summer camps, mornings before school, evenings, and Saturday performances (both in and out of town). A calendar of performances will be provided at the beginning of the school year.

PREREQUISITES: Previous experience in instrumental music is required. All students must successfully complete band the previous year (8th grade band for entering freshman), be a member in good standing, and have instructor approval. This course may be repeated. Students are required to provide equipment.

HONORS ADVANCED MUSICAL STUDIES (126930)

Credit: 1 Unit /Fine Art/Year

This is an upper level course designed for students who will continue in music after high school, whether in an ensemble or as a music major. This course will focus on the study of music theory and application as well as emphasize the study of music through history and the composers associated with each time period. There is a performance requirement at the end of each semester. All district auditions in the fall and solo performance in the spring are expectations of this course.

PREREQUISITES: Students must have choral or band director approval. 11th and 12th grade.

SELECT WOMEN'S CHOIR: BELLA VOCE (126960)

Credit: 1 Unit/Fine Art/Year

Bella Voce/Women's Choir is an advanced vocal ensemble that produces and performs several concerts annually. On top of all the concerts, the group makes appearances for many community events and fundraisers. This ensemble represents SHS at the State Music Festival each spring where they are rated by a panel of judges. Singers are vocally challenged through advanced level of singing and complex harmonies from choral music from Medieval Period up to Twentieth Century atonal compositions. Singers learn to work in small groups (sectionals) and become leaders within the group. Singers also get many chances to work with professional conductors and guest adjudicators throughout the country and participate in the annual Acappellooza at UMSL. Students must maintain an "A" or "B" choir average and may not have more than one "F" in classes. This is a performance based class--students will be expected to attend outside concerts and performances. They must audition each February for the next school year.

PREREQUISITES: 9-12 grades with recommendation by choral director and an audition will be required prior to selection into the ensemble.

CONCERT CHOIR (MEN'S OPTION & WOMEN'S OPTION) (126960)

Credit: 1 Unit/Fine Art/Year

This is a performing choir for mixed voices in grade 9-12. Music of various styles and periods will be presented and learned. Students will have the opportunity to develop an understanding of music reading skills and vocal techniques. Examples of choral performances are fall, winter, spring concerts, and various state festivals. Members from this group are selected to perform with All-Conference Choir and District Choir. Solos and ensembles for district music contests will also come from this group. Students will be expected to show cooperation and effort, maintain a professional attitude, participate in all performances, and maintain an "A" or "B" choir grade average. Students will be graded on level of participation and any written class work. A student is not graded on the quality of his/her singing voice, but on the effort put forth to improve his/her voice. This is a performance based class – students will be expected to attend outside concerts and performances.

PREREQUISITES: 9-12 with choir director recommendation or audition

CHAMBER CHOIR/BEL CANTO (126960)

Credit: 1 Unit/Fine Art/Year

Chamber Choir/Bel Canto is the most advanced SATB (soprano, alto, tenor, bass) vocal ensemble offered. Chamber Singers produces and performs several concerts annually. On top of all the concerts, the group makes guest appearances for many community events and fundraisers. This vocal ensemble represents SHS at the State Music Festival each spring where they are rated by a panel of judges. Singers are vocally challenged through advanced level of singing and complex harmonies from choral music from Medieval Period up to Twentieth Century atonal compositions. To increase creative expressive, singers are also asked to perform music with choreography during the spring semester. Singers learn to work in small groups (sectionals) and become leaders within the group. Singers also get many chances to work with professional conductors and guest adjudicators throughout the country. Students must maintain an "A" or "B" choir. This is a performance based class--students will be expected to attend outside concerts and performances.

PREREQUISITES: This choir is open to advanced choral students with at least one year of experience in the Concert Choir, Men's Choir, or Bella Voce Women's Choir. This is a select group where students must be auditioned by the SHS choral director each spring.

PIANO (12550)

Credit: 1 Unit/Fine Art/Year

By the study of music fundamentals and work at the piano keyboard, the student will develop music reading skills. Basic music theory and famous pianists will be included in this course. Completion of this course will give the student a solid base to build further music skills and to play for his/her own enjoyment. This is a performance based class—students will perform in a concert/recital setting.

PREREQUISITES: This class may not be taken multiple years in a student's high school years.

BEGINNING GUITAR (125525)

Credit: 1 Unit /Fine Art/Year

Students will learn the fundamental techniques of playing the guitar. Students will read musical notation; this includes rhythm, musical notation, and symbols. Previous musical experience in band/choir or having passed Music Fundamentals is strongly encouraged. This is a performance based class – students will perform in a concert/recital setting.

PREREQUISITES: Students are required to provide their own acoustic guitar and purchase the class method book. This class may only be taken one time for credit.

MUSIC APPRECIATION (126920)

Credit: 1/2 Unit/Fine Art/Semester

This is a semester-long class that is open to all students at Sullivan High School. Students will listen to and study the development of music time periods and correlation of cultural development in society from the middle-ages through the present. Great emphasis will be placed on the people and historical events that have influenced the evolution of music. This course will be offered as a way for students to develop an appreciation for music. Recommended for non-music students or 9-10 music students.

PREREQUISITES: Open to all students. This is a non- performance based class.

JAZZ, POP, & ROCK (126920)

Credit: 1/2 Unit/Fine Art/Semester

This is a semester-long class that is open to all students at Sullivan High School. This course will be offered as a way for students to develop an appreciation for music from the Jazz Era to present. This course is recommended for non-music students or to 9-10th grade music students.

PREREQUISITES: Open to all students. This is a non- performance based class.

INTRODUCTION TO THEATER (056520)

Credit: 1/2 Unit/Fine Art/Semester (Must choose Acting 1 or Tech Theatre 1 to complete Year)

Introduction to Theatre is an exploratory class where students will get to discover both the onstage and offstage goings on of the theatre arts. Students will actively participate in projects and scene work focused on acting, design and production elements. This is a performance based class which requires in class participation at all times.

PREREQUISITES: No Prerequisites. Open to Freshmen, Sophomores, Juniors and Seniors.

ACTING I (056520)

Credit: 1/2 Unit/Fine Art/Year

Acting I will grow on the skills learned in Introduction to Theatre and hone in on the Acting skills throughout the history of theatre. Focus will be on scene creation, character analysis, historical and cultural influence on theatre and the evolution of styles. This is a performance based class which requires in class participation at all times.

PREREQUISITES: Open to Freshmen, Sophomores, Juniors and Seniors. Introduction to Theater.

MUSIC IN MOVIES

Credit: 1 Unit/Fine Art/Year

An instructional program that explores the role and impact of music in film and visual media. Instruction focuses on how music supports storytelling through mood, theme, character development, and narrative structure. Students analyze film scores, soundtracks, and the relationship between music and visual elements across a variety of genres and historical periods. Learning experiences include critical listening, film analysis, basic composition or scoring concepts, and evaluation of how music enhances emotional and artistic expression in cinematic productions.

PREREQUISITES: Open to all students. This is a non- performance based class.

TECHNICAL THEATRE AND DESIGN (056540)

Credit: 1 Unit/Fine Art/Year

This course is intended to provide the students with an understanding of the basics of theatre technology and the backstage environment as well as theatrical design. The class will have hands-on experience in building, painting, installation, load in and load out of a production as well as the aspects of design and analyzing a play for production.

PREREQUISITES: Open to Freshmen, Sophomores, Juniors and Seniors. ‘C’ or higher in Introduction to Theater.

FILM ANALYSIS (056393)

Credit: 1 Unit/Fine Art/Year

This course introduces students to the basics of film analysis, cinematic formal elements, genre, and narrative structure and helps students develop the skills to recognize, analyze, describe and enjoy film as an art and entertainment form. To understand how films are constructed to make meaning and engage audiences, students will be introduced to the basic “building blocks” and formal elements (narrative, mise-en-scene, cinematography, sound and editing) that make up the film as well as some fundamental principles of analysis, genre, style, performance and storytelling. The class includes weekly readings, screenings, and short writing assignments.

PREREQUISITES: Open to Juniors and Seniors.

HONORS SPEECH COMMUNICATIONS (056500)

Credit: 1/2 Unit/Fine Art/Semester

This semester-long course introduces students to public speaking theory and provides opportunities to gain practical experience in the art of oral communication. Students will study, identify, and practice the following topics: the nature of communication, controlling nervousness and self-concept, audience analysis and listening, providing feedback, topic research, organization, outlining, and nonverbal communication. This course is offered as a dual credit, 3 credits of Speech Communications through Missouri Baptist University as COMM 103.

PREREQUISITES: 10th-12th grade standing.

HONORS ARGUMENTATION & DEBATE (056510)

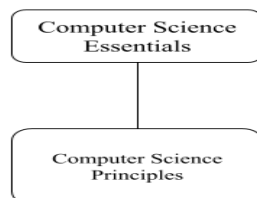
Credit: 1/2 Unit/Fine Art/Semester

This semester-long course introduces students to current practices in the field of debate and forensic events as outlined by the state of Missouri. Students will analyze, research, and prepare for both informative and argumentative speech. They will also deliver/present those speeches, learning to give feedback and communicate professionally with varying viewpoints and conversation techniques. Students will learn to both participate, facilitate, and mediate small group discussions. This course is offered as a dual credit course through Missouri Baptist University as COST 333, which is 3 credits.

PREREQUISITES: 10th-12th grade standing; Speech Communications

PRACTICAL ARTS

COMPUTER PROGRAMMING



COMPUTER SCIENCE ESSENTIALS (100416)

Credit: 1 Unit/Practical Arts/Full Year

With emphasis on computational thinking and collaboration, this course provides an entry point for students to begin or continue the PLTW Computer Science experience. Computer Science Essentials will expose students to a diverse set of computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence. Students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. They'll apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them. Students will create a strong foundation to advance to Computer Science Principles, Computer Science A, and beyond.

PREREQUISITES: NONE

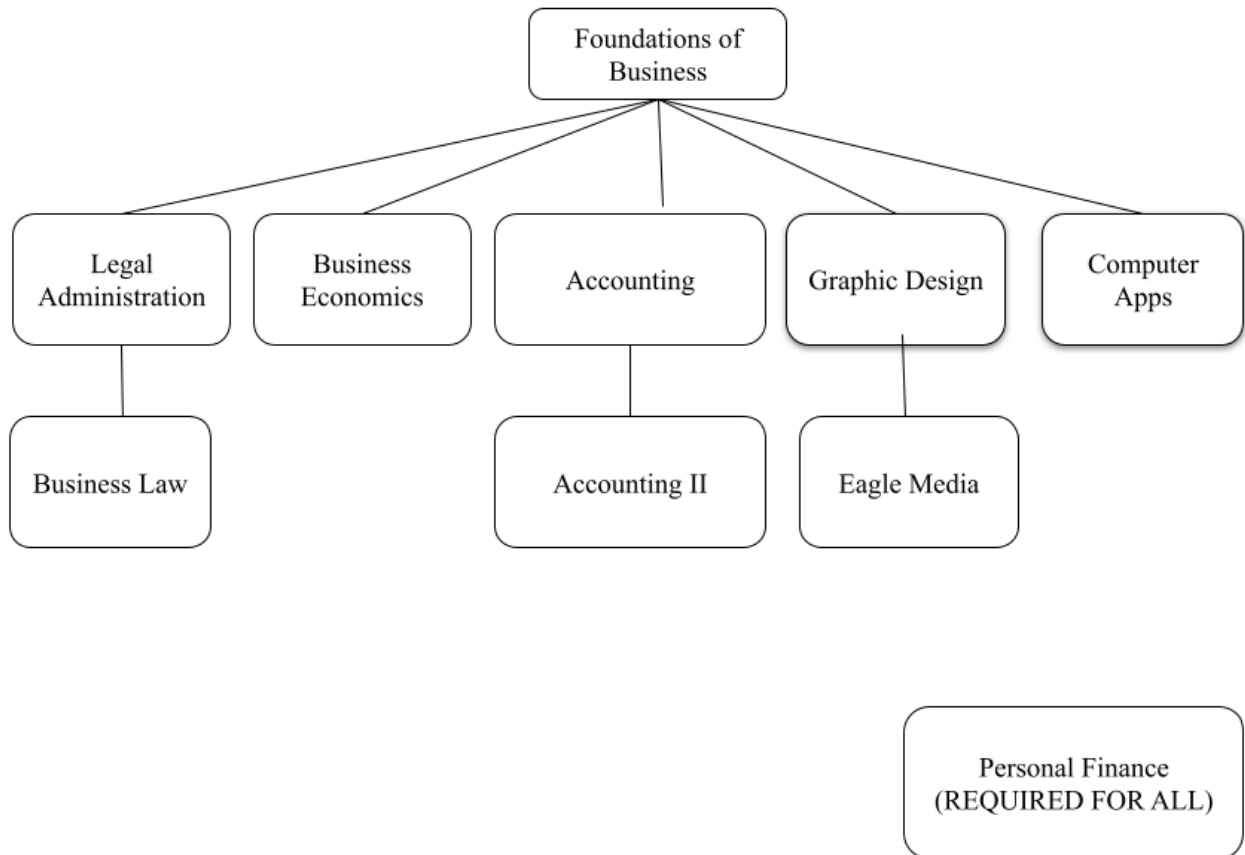
COMPUTER SCIENCE PRINCIPLES

Credit: 1 Unit/Practical Arts/Full Year

With emphasis on creativity, problem solving, and real-world applications, this course introduces students to the foundational concepts of computer science and the impact of computing on society. Computer Science Principles provides a broad and engaging exploration of how computers work, how data is processed, and how programs are created to solve meaningful problems. Students will develop computational thinking skills through hands-on projects using programming languages such as Python and visual tools, while also learning about data analysis, the internet, cybersecurity, and the ethical and societal implications of computing. Collaboration and communication are central as students design, implement, and present computing solutions. This course builds a strong foundation for continued study in Computer Science A, advanced programming courses, and related STEM pathways.

PREREQUISITES: Completion of Computer Science Essentials.

BUSINESS



FOUNDATIONS OF BUSINESS (034300)

Credit: 1/2 Unit/Practical Arts/Semester

This course is designed to introduce students to how business works in today's society and to provide a foundation for other business courses. Content includes business functions such as accounting, management, marketing, and other consumer issues regarding money and money management, banking system and services, government's role in business, and technology in the business world. Students will develop computer skills including creating spreadsheets, word processing, creating databases, and desktop publishing to make professional business promotions and documents

PREREQUISITE: None

LEGAL ADMINISTRATIVE ASSISTANT (034205)

Credit: 1/2 Unit / Practical Arts / Semester

An instructional program that prepares students to perform administrative, management, and operational functions within legal and law-related organizations. Instruction focuses on business and office management practices, legal terminology, document production, records and information management, customer and client relations, ethics, confidentiality, and the use of technology to support legal services. Students apply business principles and professional standards commonly used in law firms, courts, and legal departments while developing employability skills aligned with business and marketing career pathways.

PREREQUISITES: Foundations of Business or permission of instructor.

BUSINESS LAW (034321)

Credit: ½ Unit/Practical Arts/Semester

This course introduces students to the American legal system with considerable focus on those laws that impact all of our lives. This course focuses on the origin of laws and the court system then focuses on key items in business law: contracts, employment law, forming sole-proprietorships, partnerships, and corporations as well as important areas in personal law; renting an apartment, getting married, divorce, etc.

PREREQUISITES: Foundations of Business or permission of instructor.

ACCOUNTING I (034310)

Credit: 1 Unit/Practical Arts/Year

This course offers accounting for both personal and work situations in preparing financial records. It includes maintaining records for different types of ownership and businesses, payroll records, taxes, special journals, and depreciation. Students will read, discuss, prepare study guides, and work application problems manually and by using software.

PREREQUISITES: Foundations of Business or permission of instructor.

ACCOUNTING II (034312)

Credit: 1 Unit/Practical Arts/Year

This advanced course of accounting expands on topics learned in the first-year course while adding new topics about corporate accounting, management accounting, cost accounting, not-for-profit accounting, and financial analysis. Students will read, prepare study guides, and work application problems.

PREREQUISITES: Accounting I

BUSINESS ECONOMICS (034332)

Credit: 1/2 Unit/Practical Arts/Semester

This course is designed to help students develop an understanding of basic business principals and the skills and resources needed to manage a business. Instruction includes a general overview of American business, the practice of managing an organization, management roles, hiring/training/retaining employees, labor-management relations, ethics and responsibility, finance, marketing, and international trade. The use of computers and software as tools in making business decisions is also introduced.

PREREQUISITES: Foundations of Business or permission of instructor.

MULTIMEDIA-GRAPHIC DESIGN (034353)

Credit: 1 Unit/Practical Arts/Year

Understand the use and development of multimedia by combining text, graphics, sound, still and video images and animation into a unified, seamless document. Examines the nature of the various media, the capture or creation, digitization and modification of each media type, the architecture and technology of multimedia systems, the principles behind effective multimedia presentations, analysis and design of systems and multimedia development through the use of common software packages.

PREREQUISITE: Foundations of Business or permission of instructor.

COMPUTER APPLICATIONS (034352)

Credit: 1/2 Unit/Practical Arts/Semester

This course enables students to become proficient in using the programs from the Microsoft Office Suite for computers. Emphasis will be given to e-mail, spreadsheets, presentation software and database software, word processing, and desktop publishing. The purpose of this course is to prepare students to use software that has become standard in most colleges and places of business.

PREREQUISITE: Foundations of Business or permission of instructor.

EAGLE MEDIA (034356)

Credit: 1 Unit/Practical Arts/Year

This course is designed to teach the basics of digital video production in a journalistic based broadcast setting. Instruction is provided in a hands-on environment to explore and learn the basics skills required for creating digital media. These include: operating equipment, script-writing, directing, producing, reporting and on-air performance. In addition students will work to improve interpersonal and self-directional skills.

PREREQUISITE: Junior and Senior students only.

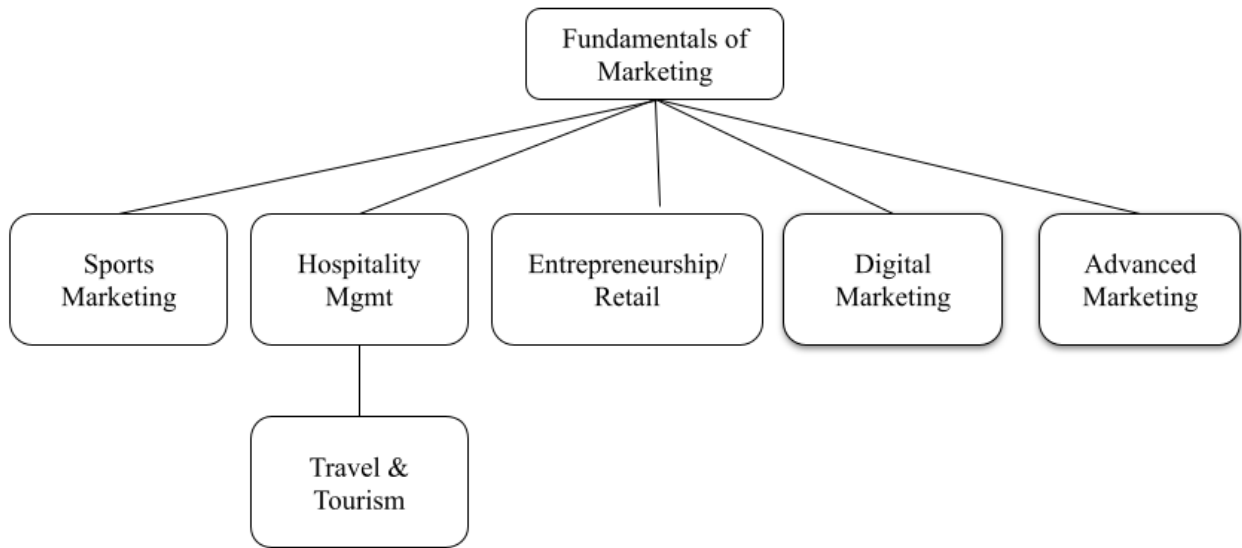
PERSONAL FINANCE (996400)

Credit: 1/2 Unit/Practical Arts/ Semester

Understanding and managing personal finances are key to one's future financial success. This one-semester course is based on the Missouri Personal Finance Competencies and presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success.

PREREQUISITES: This is a graduation requirement recommended to be taken during the junior or senior year.

MARKETING



FUNDAMENTALS OF MARKETING (040001)

Credit: 1/2 Unit/Practical Arts/Semester

Fundamentals of Marketing (Marketing I) is an instructional program for students who are interested in a career in the field of marketing and management. This course introduces students to topics such as communications, economics, marketing concepts, pricing, product service management, promotion and selling and is designed to provide an understanding of the fundamental marketing processes and an orientation to the American free enterprise system.

PREREQUISITES: None.

ADVANCED MARKETING (040002)

Credit: 1/2 Unit/Practical Arts/Semester

Advanced Marketing is an instructional program for students who are preparing for a career in the field of marketing and management. Instruction will prepare students to perform one or more of the marketing functions, such as selling, buying, pricing, promoting, market research, and management. The program may utilize the Marketing Education internship to support classroom instruction.

PREREQUISITES: Fundamentals of Marketing

ENTREPRENEURSHIP/RETAIL (040011)

Credit: 1/2 Unit/Practical Arts/Semester

Entrepreneurship is an instructional program that provides a background for the development and operation of a business starting with the role of the entrepreneur in our economy to development of a business plan and the application of specific marketing skills and concepts within the business environment. This course will cover topics such as the traits of an entrepreneur, types of business ownership, creating a business plan, market analysis, legal requirements, and managing a company. Retailing is an instructional program that prepares individuals to apply marketing skills in retail establishments. Principles, practices and procedures are taught as related to the field of retailing.

PREREQUISITES: Fundamentals of Marketing or permission of instructor

HOSPITALITY MANAGEMENT (040018)

Credit: ½ Unit/Practical Arts/Semester

This course will allow students to see how marketing shapes the future of hospitality and tourism. Topics covered will include management and location, types, key players and services, information and risk management, and careers in the hospitality and tourism industries. Creativity, teamwork, and independent thinking skills will be developed throughout this course. This course provides a strong foundation for post-secondary education in a marketing related field. Membership in DECA (An Association of Marketing Students) is required.

PREREQUISITES: Fundamentals of Marketing or permission of instructor

SPORTS MARKETING (040014)

Credit: 1/2 Unit/Practical Arts/Semester

An instructional program that focuses on marketing and management functions and tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, selling or renting of supplies and equipment (other than vehicles) used for recreational or sporting purposes, products and services related to hobbies or cultural events, or businesses primarily engaged in satisfying the desire to make productive or enjoyable use of leisure time.

PREREQUISITES: Fundamentals of Marketing or permission of instructor

DIGITAL MARKETING (040015)

Credit: 1/2 Unit / Practical Arts / Semester

An instructional program that prepares students to understand and apply marketing principles and functions in digital and electronic environments. Instruction focuses on digital marketing strategies, including social media platforms, online advertising, content creation, website development, search engine optimization, customer relationship management, data analytics, and the ethical and legal considerations of digital commerce. Students develop, implement, and evaluate digital marketing plans using industry-standard tools and technologies aligned with business and marketing career pathways.

PREREQUISITES: Fundamentals of Marketing or permission of instructor

TRAVEL and TOURISM (040017)

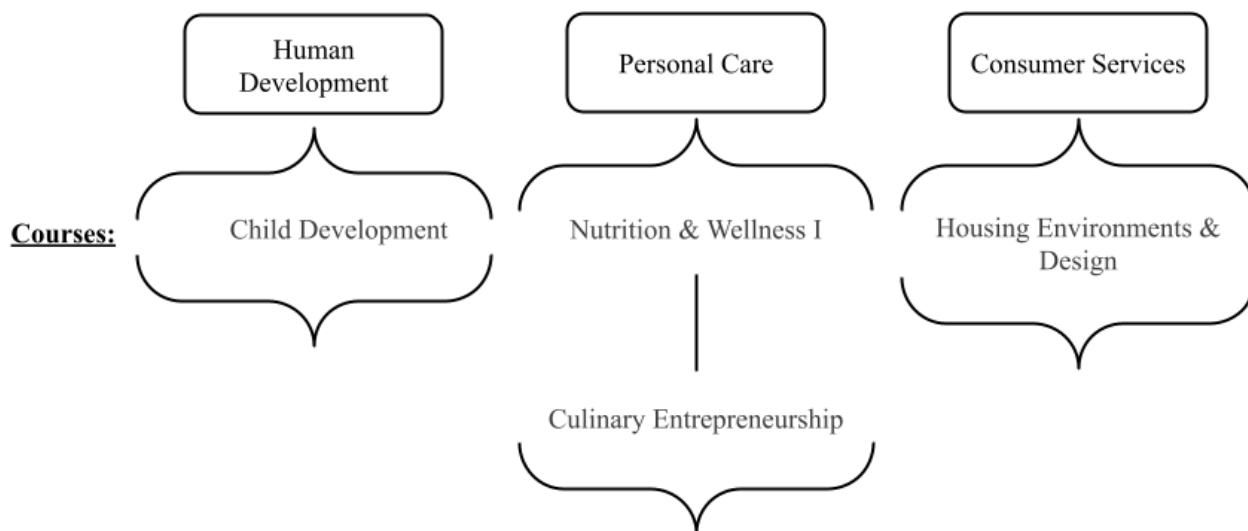
Credit: 1/2 Unit/Practical Arts/Semester

A program that prepares individuals to manage travel related enterprises and related convention and/or tour services. Includes instruction in travel agency management tour arranging and planning, convention and event planning, travel industry operations and procedures, tourism marketing and promotion strategies, travel counseling, travel industry law, international and domestic operations, and travel and tourism policy.

PREREQUISITES: Hospitality Management or permission of instructor

FAMILY AND CONSUMER SCIENCE

PRINCIPLES OF FAMILY AND CONSUMER SCIENCE:



*FCCLA membership is strongly encouraged but not required for enrollment into these classes.

NUTRITION & WELLNESS I (096824)

Credit: 1 Unit/Practical Arts/Year

While students have the opportunity to cook in this class, this course is NOT devoted to cooking, but to learning about NUTRITION as the name states! Prior to practicing their cooking skills students will learn about safety and sanitation, kitchen equipment, cooking terms, measuring techniques, and how to understand a recipe to ensure they will be successful cooks. Students will explore the dietary guidelines, food labels, and health concerns throughout the life cycle. Students will identify the function and sources of the six nutrients and will work in small groups to prepare foods from each food group. Students will learn how to cook quickbreads, pasta/rice, eggs, dairy, legumes, fruits, and vegetables. Students are required to maintain a 70% or higher on ALL classroom assessments to participate in cooking labs!

PREREQUISITES: None

CULINARY ENTREPRENEURSHIP (096803)

Credit: 1 Unit/Practical Arts/Year

This course will allow individuals to further their kitchen skills to become a successful baker and chef. This course has a “Flipped Classroom” structure where students will be responsible for completing notes and paper pencils tasks at home, while students will spend in-class time actively practicing their skills. During the first semester our classroom will become a bakery as students work in small groups to prepare yeast breads, cakes, pastries, and cookies. Second semester the classroom will become a cafe as students explore safety and sanitation concepts in a professional environment while preparing soups, mother sauces, salads, meat, poultry, and sandwiches.

PREREQUISITES: A grade of “C” or higher in Nutrition & Wellness I or teacher approval

CHILD DEVELOPMENT (096821)

Credit: 1 Unit/Practical Art/ Year

This course will allow individuals to learn about the developing child from conception through the preschool years. First semester, students will learn about the roles and responsibilities of parents, human reproduction, pregnancy prevention, prenatal care, birth, caring for a newborn, and how to care for the health and safety of children. Students will have the opportunity to wear the Empathy Belly and participate in taking home a Real-Care baby for a weekend to experience parenthood first hand. Second semester, students will explore the physical, intellectual, and social emotional needs of infants, toddlers, and preschoolers. Students will engage in hands-on projects to develop age-appropriate activities that meet the developmental needs of children, allowing them to practice skills that are necessary when working in an early childhood education profession.

PREREQUISITES: None

HOUSING ENVIRONMENTS AND DESIGN (096818)

Credit: 1 Unit/Practical Art/Year

This hands-on course involves projects across every unit. While artistic ability is not necessary for this course, a little creativity and an open mind can be very beneficial. First semester, students will compare renting v. buying a home and will explore architecture and historical housing styles. Students will have the opportunity to learn about scale and blueprint symbols as they design the floorplan of their dream home using graph paper and Computer Aided Drafting (CAD). Second semester students will explore the elements and principles of design, furniture styles, flooring & wall options, and window treatments. They will use these skills to practice their interior design skills and develop a plan to decorate multiple rooms for their current or future home.

PREREQUISITES: None

AGRICULTURAL SCIENCE

AG SCIENCE I (016710)

Credit: 1 Unit/Practical Art/1Year

Ag Science 1 is the introductory course for the high school agriculture department. This course is designed for freshman and first year agriculture students. Units of study are: Leadership, Introduction to Livestock, Animal Science, Welding, Woodworking, Meats, Greenhouse, and Record Keeping. Each student is encouraged to take advantage of the educational and leadership opportunities offered by the local FFA Chapter. FFA membership is required. An out-of-class project will be developed during the course.

PREREQUISITES: Freshman standing or instructor approval

AG II: PLANT SCIENCE (016760)

Credit: 1 Unit/Practical Art/Year

If students are interested in studying plants, their growth, and how they impact our daily lives, then Plant Science and Systems is a great option. The Agricultural Science II course is designed for second year agriculture students and is one of 3 AG II courses of choice; it is a recommended, but not required, course for Greenhouse Management and Landscape Junior/Senior year. This year-long course further explores leadership and the FFA, Career and Personal Development, Analysis of SAE program, in addition to teaching the essential content and skills for career success in Agricultural Plant Science Industries. Units of study include basic plant & soil science, crop science, entomology, fruit and vegetable production, forestry and the importance of Biotechnology. FFA membership is required. An out-of-class project will be developed during the course and student plant science competencies measured throughout the year.

PREREQUISITES: AG SCIENCE I

AG II: FOOD SCIENCE (016790)

Credit: 1 Unit/Practical Art/Year

Food Science may be taken as the second course in agricultural education. The course is designed to further students' understanding of the agricultural industry and continue to prepare them to pursue career paths in the agricultural industry. Units of Study may include: Food Processing, Carcass Myology and Fabrication, Proper Sanitation and Management Practices, Sensory Evaluation, Food Product Development and Marketing, Labeling of Food Products, and Record Keeping. Students will be asked to learn through experiential and problem based instruction in the Food Science Laboratory. FFA Membership is required. An out of school project (Supervised Agricultural Experience) is also required.

PREREQUISITES: Ag Science I or instructor approval

AG II: MECHANICS (016753)

Credit: 1 Unit/Practical Art/Year

Ag Science II is the second course in Agricultural Education. The course is designed to further the study of the Ag Science I students to a higher level, so they understand their background to pursue an agricultural career. Units of study are: Leadership, Forestry, Soils, and Record Keeping with special emphasis on mechanics. Each student is encouraged to take the educational and leadership opportunities offered by the local FFA Chapter. FFA membership is required. An out-of-class project is also required.

PREREQUISITES: Ag Science I or instructor approval

AG STRUCTURES I (016720)

Credit: 1 Unit/Practical Art/Year

Students will be required to select project work that will encompass the entire year. Students will learn to draw and work from detailed working drawings. They will use all the major woods used in furniture making. All machines used in woodworking are studied and the correct use of hand tools and power tools are taught. Students will be evaluated on tests, papers, required projects, and student designed projects. Students are also evaluated on attendance, class attitude and cooperation. Students are responsible for the cost of materials used. This class may not be added at semester for safety reasons.

PREREQUISITES: None

AG STRUCTURES II (016720)

Credit: 1 Unit/Practical Art/Year

Students will be required to select project work that will encompass the entire year. The person planning the structure should ask himself or herself, "What are the intended uses of the structure in fulfilling an agricultural need?" Students will learn to draw and work from detailed working drawings. They will use all the major technology and machinery to build the structure from its original metal or wood product. Students will be expected to have a working knowledge of the machinery in advance. Students will be evaluated on tests, papers, required projects, and student designed projects. Students are also evaluated on attendance, class attitude and cooperation. Students are responsible for the cost of materials used. This class may not be added at semester for safety reasons.

PREREQUISITES: Ag Structures I

AGRICULTURAL CONSTRUCTION I (016770)

Credit: 1 Unit/Practical Art/Year

Ag Construction I is designed as an upper division course in Agricultural Education. The course uses welding in the development and construction of metal and wood shop projects. Units of study are: Safe Operation of Power Shop Tools, Oxyacetylene Cutting and Bracing, Stick Electrode Welding, Wire-feed Welding, Leadership, and Record Keeping. A minimum of 30 project points based on the District FFA Fair book are required to pass the second semester. Each student is encouraged to take advantage of the educational and leadership opportunities offered by the local FFA Chapter. FFA membership is required. An out-of-class project is required.

PREREQUISITES: Ag Science I and Ag Science II Mechanics or instructor approval

AGRICULTURAL CONSTRUCTION II (016770)

Credit: 1 Unit/Practical Art/Year

Ag Construction II is designed as an upper division course in Agricultural Education. The course utilizes welding in the development and construction of major metal and wood shop projects. Units of study are: Safe Operation of Power Shop Tools, Oxyacetylene Cutting and Bracing, Stick Electrode Welding, Wire-feed Welding, Leadership, and Record Keeping. A minimum of 45 project points based on the District FFA Fair book are required to pass the second semester. Each student is encouraged to take advantage of the educational and leadership opportunities offered by the local FFA Chapter. FFA membership is required. An out-of-class project is required.

PREREQUISITES: Ag Science I, Ag Science II Mechanics, and Agricultural Construction I or instructor approval

ADVANCED ANIMAL SCIENCE (016711)

Credit: 1 Unit/Practical Art/Year

Animal Science is designed as an upper division agricultural education course. The course advances the study of Animal Production, Management, Nutrition, Marketing, Breeding, Production Records, Selection, Animal Health, Waste Management, and Biotechnology. Each student is encouraged to take advantage of the educational and leadership opportunities offered by the local FFA Chapter. FFA membership is required. An out-of-class project is required.

PREREQUISITES: Ag Science I and Ag Science II or instructor approval; Dual Credit is available

ADVANCED FOOD SCIENCE (016790)

Credit: 1 Unit/Practical Art/Year

Advanced Food Science is designed for students who have completed Food Science and want to expand their knowledge of food systems and the agricultural industry. The course builds on foundational concepts through advanced laboratory experiences and problem-based instruction. Units of study may include: Advanced Food Processing, Meat Science and Carcass Evaluation, Food Chemistry and Microbiology, Food Safety and Quality Assurance (HACCP), Sensory Analysis, Food Product Development, Labeling and Regulations, and Food Marketing. Students will participate in hands-on learning in the Food Science Laboratory with an emphasis on industry standards, data analysis, and career preparation. FFA membership is required. An advanced Supervised Agricultural Experience (SAE) project with record keeping is also required.

PREREQUISITES: Completion of Ag II Food Science or instructor approval; Dual Credit is available.

GREENHOUSE OPERATION & MANAGEMENT (016765)

Credit: 1 Unit/Practical Art/Year

(Offered alternating years ending in an even number, i.e. 2026, 2028)

Greenhouse is an advanced course in the agriculture education program, designed to further the study of students who have completed Ag Science I & II. Units of study are advanced Plant Science, Forestry, Soils, Leadership, Fruit and Vegetable Production, Plant Propagation, introduction to Greenhouse management, and SAE Record Keeping. Each student is encouraged to take the educational and leadership opportunities offered by the local FFA Chapter. FFA membership is required. A Supervised Agriculture Experience (SAE) is also required.

PREREQUISITES: Ag I and Ag II (Plant Science, Food Science, Mechanics) or instructor approval

LANDSCAPE DESIGN & MAINTENANCE (016764)

Credit: 1 Unit/Practical Art/Year

(Offered alternating years ending in an odd number, i.e. 2025, 2027)

Landscape Design & Maintenance is an upper division agricultural education course. This course develops a basic understanding of greenhouse techniques and horticulture. Units of study are Advanced Plant Science, Advanced Soil Science, Plant Identification, Care and Propagation of plants, House Plants, Nursery Stock and Bedding Plants, Landscaping, Lawn and Turf Management, the Horticultural Industry, Leadership and Record Keeping. Each student is encouraged to take advantage of the educational and leadership opportunities offered by the local FFA Chapter. FFA membership is required. An out-of-class project is required.

PREREQUISITES: Ag Science I and Ag Science II (Plant Science, Food Science, Mechanics) or instructor approval

AGRICULTURAL POWERS (016759)

Credit: 1 Unit/Practical Art/Year

(Offered alternating years ending in an odd number, i.e. 2025, 2027)

Agricultural Powers is designed as an upper division Agriculture course. The course provides students with a comprehensive experience directed toward basic agricultural power. Units covered include How Small Engines Work, Ignition Systems, Fuel Systems, Lubrication Systems, Cooling Systems, Engine Maintenance, and Engine Service. Each student is encouraged to take advantage of the educational and leadership opportunities offered by the local FFA Chapter. FFA membership is required. An out-of-class project is required. This class may not be added at semester for safety reasons.

PREREQUISITES: Ag Science I and Ag Science II or Instructor approval

NATURAL RESOURCE MANAGEMENT (016759)

Credit: 1 Unit/Practical Art/Year

Natural Resource Management is designed as an upper division course in Agricultural Education. The course prepares students for activities in the conservation and/or improvement of natural resources. Units of study are: Advanced Forestry Techniques, Soil and Water Conservation, Fish and Wildlife Conservation, Fish and Wildlife for Economic and Recreational purposes, Outdoor Recreation, and Record Keeping. Each student is encouraged to take advantage of the educational and leadership opportunities offered by the local FFA Chapter. FFA membership is required. An out-of-class project is required.

PREREQUISITES: Ag Science I and Ag Science II or instructor approval

SUPERVISED AGRICULTURAL EXPERIENCE CO-OP (016780)

Credit: 1 Unit/Practical Art/Year

SAE Co-op is designed for students with senior status and good academics. The course provides for the enrollment of students that are released on school time to complete a Cooperative Occupational Experience in an approved training station in agriculture. A signed training agreement and training plan must be completed for each student. FFA membership is required. An out-of-class project is required.

PREREQUISITES: Instructor approval and at least 3 years of Ag. Must maintain 90% attendance in order to take this course.

THREE UNITS OF AGRICULTURE MAY COUNT AS 1 SCIENCE CREDIT AND 2

PRACTICAL ARTS CREDITS. The three units must be Ag Science I, Ag Science II: Plant Science, Natural Resource Management, Animal Science, Greenhouse Operation Management, Landscape and Nursery Operations,

PHYSICAL EDUCATION

PHYSICAL EDUCATION (086000)

Credit: 1 Unit/P.E./Year

This course will introduce the student to basic physical education (exercising and running) in order to improve her/his well-being. The student will participate in team sports as well as individual sports and learn the basic techniques and fundamentals involved in each activity.

PREREQUISITES: Freshman or sophomore standing

HEALTH & FAMILY EDUCATION (085300)

Credit: 1/2 Unit/P.E./Semester

Health education is a study of basic health facts which influence positive attitudes and provides a foundation for healthful living. The course is divided into ten areas: consumer health, care of the human body, nutrition, mental health, substances that modify behavior, prevention of diseases, chronic health conditions, the environment and community health, accident prevention, and family life, education, and social health.

PREREQUISITES: This is a required course for freshmen.

STRENGTH & CONDITIONING (086025)

Credit: 1 Unit/P.E./Year

This course is open to students in grades 9-12. Strength & Conditioning will stress proper technique and safety. The course will increase both body strength and speed. Plyometric training will be included. This course is designed for the student who is willing to work in a physical setting for 90 minutes. Students will keep weekly workout journals, set personal and cardio goals and develop individual workout plans. Students will also receive classroom instruction on related health topics

PREREQUISITES: 9th-12th grade students will need completion of P.E. or S&C with a grade of "A" or "A-" or 9th grade permission granted with teacher approval

LIFETIME ACTIVITIES (086030)

Credit: 1 Unit/Elective/Year

This course is designed to introduce fitness and activities to students which will promote follow-up forms of activity from school into adult life. Units to be included are: bowling, archery, golf, team sports and individual sports, and aerobic activity.

PREREQUISITES: Junior or senior standing and a C or higher in previous PE class.

FITNESS FOR LIFE (086030)

Credit: 1 Unit/Elective/Year

Fitness for Life is a course designed to teach students the fundamentals of strength and conditioning, aerobic techniques, and overall fitness and conditioning. Students will learn the value of developing a personal fitness plan and how to utilize fitness equipment. This course is designed to give students the opportunity to learn concepts used for obtaining optimal physical fitness and working towards a set goal. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. By the end of the course students will: improve their physical fitness by participating in group fitness classes, weight training, walking, jogging, nutrition and other activities.

PREREQUISITES: None

FITNESS WALKING (086025)**Credit: 1 Unit/Elective/Year**

Low Impact Aerobic Walking is a course designed to improve student fitness levels and promote lifetime fitness. The course is designed to increase students' understanding in regards to the importance of their overall fitness, with an emphasis on cardiovascular fitness. Various activities will be used to increase the student's overall fitness and aerobic capacity. Correct methods of walking, aerobic walking, exercise principles, and health and nutrition concepts will be discussed.

PREREQUISITES: None

WORLD LANGUAGE

SPANISH I (066300)

Credit: 1 Unit/Elective/Year

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

PREREQUISITES: A grade of "C" or better in English. Freshman, Sophomore, or Junior standing

SPANISH II (066300)

Credit: 1 Unit/Elective/Year

Spanish II is an elective course for students who have completed Spanish I and offers greater opportunity to carry on conversation and to write in class. It reviews the structure, grammar and vocabulary taught in Spanish I and continues to develop and expand these areas. Cultural activities provide a more in-depth study of Spanish-speaking countries, including music, food, and traditions..

PREREQUISITES: A grade of "C" or better in Spanish I

HONORS SPANISH III (066300)

Credit: 1 Unit/Elective/Year

Spanish III is an honors elective course for students who have completed Spanish I and II and wish to continue their development of communication skills in the Spanish language. Review of Spanish II grammatical structures and selected additional material will be introduced. Emphasis is placed on enhancement of speaking and writing in Spanish. Students will explore current events and global issues of the Spanish-speaking world.

PREREQUISITES: A grade of "C" or better in Spanish II or approval of the instructor.

HONORS SPANISH IV (066300)

Credit: 1 Unit/Elective/Year

Spanish IV is an honors elective course for students who have successfully completed Spanish I, II and III and wish to continue their pursuit of higher levels of Spanish study. Emphasizing communicative skills (listening, speaking, reading, writing) students will further their development of cultural knowledge.

PREREQUISITES: A grade of "C" or better in Spanish III or approval of the instructor

ADDITIONAL ELECTIVES

FRESHMAN SEMINAR (994020)

Credit: 1/2 Unit/Elective/Semester

This course is designed to support the transition of incoming freshmen from middle to high school and empower them with necessary skills they will need academically, behaviorally, and socially to carry out a successful high school career. In addition, the seminar is an interactive class experience versus the sit and get lecture environment; it promotes discussion and reflection about goal setting, digital citizenship, future career planning, self awareness and management, building relationships, resolving conflicts, and communication skills.

YEARBOOK (054930)

Credit: 1 Unit/Elective/Year

Yearbook is a full-year mass media course designed to produce the annual high school yearbook. It is a Project Based Learning course tasked with all aspects of producing the book (taking photos, writing copy, page design, formatting standards, proofreading and editing, etc.) as well as running the business of the yearbook (advertising yearbook sales, meeting with community businesses, selling and designing advertisement space, meeting deadlines, etc.). Students will develop mastery of the elements of photography, camera use, and editing and design software. Students enrolling in this course must be detail-oriented self-starters who are capable of completing tasks independently within a specific period of time. Coursework features an emphasis in writing, photography, layout design, sales, and advertising. Attendance at extracurricular activities throughout the year to take photographs is required. **PREREQUISITES: B or above in previous English courses, completed application, letter of reference from a teacher, coach, or staff member.**

INTRODUCTION TO MYTHOLOGY (54850)

Credit: 1/2 unit/Elective Credit/Semester

Mighty heroes. Angry gods and goddesses. Mythology from early mankind has been used to make sense of humankind and our world. This course focuses on the many myths and legends woven into cultures around the world. Starting with a brief overview of world mythology and following with a deeper study of Classical Mythology, students will make connections & comparisons within that Mythology and different cultures. Furthermore, students will understand ancient Heroes' journeys. Finally, they will explore how myths still exist in pop culture, on stage, screen, video games, and animation. Throughout this course, students will refine reading, writing, thinking, and presentation skills. Each student leaves with an understanding of how myths have universal and social significance for them today, and how the past is always connected to their future.

PREREQUISITES: 10th 11th, or 12th grade standing.

COLLEGE PREP (994025)

Credit: 1/2 Unit/Elective/Semester

The purpose of the ACT Prep course is to increase student awareness of the importance and significance of preparation for improving their ACT college entrance exam score. Students will become more confident of their ability to work with various concepts and relationships of the four areas tested by the ACT (Mathematics; Science; English; and Reading). Students will learn how to think systematically and use the precise logic required for solving typical problems found on the ACT exam. This course assumes some knowledge of basic concepts of algebra and geometry, but these concepts will be reviewed as needed. Active involvement in and successful completion of the course should lead the student to greater confidence and higher scores on the ACT exam. Higher ACT scores can make a difference in acceptance into college and availability of scholarship funds.

PREREQUISITES: 2nd semester sophomore year through 1st semester senior year.

LIBRARY SCIENCE (999930)

Credit: 1 Unit/Elective/Year

Library Science provides instruction in knowledge essential for lifelong learning. Job and work skills such as responsibility, courtesy, accuracy, and service are stressed. The student should have adequate reading and computer skills and be willing to learn all phases of library operations. Students will be given written assignments on library skills. Duties of a library aide include clerical tasks, shelving books, organizing materials, locating materials, and assisting library patrons in a positive manner. Enrollment will be limited to two (2) students per period.

PREREQUISITES: Junior or senior standing, teacher recommendation, good citizenship record, interview, and instructor approval.

A+ TUTORING

NO CREDIT (counts toward A+ tutoring hours)

Students will be assigned to assist primary, elementary, middle, or high school teachers by tutoring younger students in their classes. The course does not count as a credit toward high school graduation but does count toward the 50 hours of tutoring required to qualify as an A+ student upon graduation from high school. In order to participate in A+ Tutoring, students must have met the following minimum requirements: 2.5 G.P.A., 95% attendance rate, good citizenship record, submitted a signed A+ participation agreement, and meet the minimum requirements on the Algebra I EOC. Students may not repeat this course. For more information on A+ Tutoring, see the A+ Student Manual.

PREREQUISITES: Junior or senior standing; 2nd semester sophomore standing with teacher recommendation

PATHWAYS TO PROFESSIONS (997001)

Credit: 1 Unit/Elective/Year

Pathways to Professions is a senior-level elective designed to connect students with real-world career experiences through a Job Shadow and Work-Based Learning model. Counselors will use each student's ICAP Career Cluster to guide placement with local employers, ensuring opportunities are aligned with individual career goals. Because the course emphasizes professionalism, students must complete a required application that reflects their attendance, discipline record, and ICAP progress.

Through on-site job shadowing, skill development, and employer mentorship, students gain firsthand insight into workplace expectations and professional skills. In select cases, Sullivan High School may support placement through DESE's Registered Youth Apprenticeship (RYA) model, offering eligible students a more structured and advanced work-based experience. This course ultimately prepares students for the transition from high school to the workforce, technical training, or further education.

PREREQUISITES: Senior standing; application required with a 2.5 GPA, 90% attendance rate, good citizenship record, teacher recommendation, and counselor approval. Students will be required to complete a capstone project to further highlight their experience.

NETWORK ADMINISTRATION (034354)

Credit: 1 Unit/Elective/Year

This is a course where a student will choose an Independent Pathway of Computer Programming, Website Design, or Application Design. The student will be assisting in the student run Chromebook Help Desk during the hour. During the hour they are helping at the Helpdesk, they will be assisting in giving students loaners, or troubleshooting and fixing broken Chromebooks. Depending on transportation needs, they may be assigned to travel to the Elementary or Middle School for their designated hour. The student's Pass/Fail grade will be based on a combination of their willingness to provide assistance at the Help Desk and their progress in their chosen Pathway.

PREREQUISITE: Junior or Senior in good standing with teacher recommendation

LIFE SKILLS: WORLD OF WORK (195800)

Credit: 1 Unit/Elective/Year

This course is designed for special education students with specific post-secondary work-place plans. Through simulations and scenarios, students refine social, soft, and problem solving skills that are necessary for navigating challenges of real-workplace situations and expectations. Through role-playing and discussions, this "World of Work" class aims to bridge the gap between academic learning and the practical demands of the workplace; it explores key aspects of work options, workplace communication, professional etiquette, and strategies for self-advocacy to name a few. Additionally, this course provides a few opportunities for practice and/or observations within a workplace setting and prepares students for On-the-job-training (OJT) experience or work-study offered junior and senior years.

PREREQUISITE: Freshmen/sophomore standing; must be referred by case manager

INTERNSHIP OPTIONS AND ALTERNATIVE COURSE ACCESS PROGRAMS

MoCAP – MISSOURI COURSE ACCESS PROGRAM

If a student is interested in taking a course not offered at SHS, he/she needs to speak to their counselor about the possibility of taking a course through MoCAP. Virtual Instruction is self-paced, self driven, and guided by an off-site instructor. Students will have to be very self-motivated to take a course through MoCAP and there will most likely be a fee involved. MoCAP courses will be limited to those not already available at SHS.

ON THE JOB-TRAINING EXPERIENCES/WORK STUDY (OJT) (195800)

Credit: 1 Unit/Elective/Year

Option A: Work-Based Experiences (OJT)

This Junior/Senior option is designed for students with disabilities and includes supervised, school-coordinated experiences that provide students opportunities to achieve employment- related competencies within a workplace environment. These activities extend the classroom into the workplace, are related to students' career interests and program of study, designed to give students practical insights into their chosen career paths, and allow the application of classroom knowledge in real-world situations. Work-based learning experiences involve assessment of students' interests, aptitudes, and abilities while learning about career possibilities. These experiences increase the likelihood of employment and community integration for students with disabilities, help teach 21st century workplace readiness skills, and support national and state initiatives such as Employment First and Workforce Innovation and Opportunity Act programs.

PREREQUISITE: Junior/senior standing; World of Work course and/or with case manager approval

Option B: Work-Study (OJT)

This Junior/Senior option is designed to provide special education students with a balance between academic learning and real-world work experience. Upperclassmen, who are currently employed, have the opportunity to gain practical, paid work experience while concurrently earning credit toward their high school diploma. These students are required to work a minimum of 20 hours per week and must satisfy any pre-requisite paperwork or credentials required by the Department of Elementary and Secondary Education.

PREREQUISITE: Junior/senior standing; World of Work course and/or with case manager approval

ROLLA TECHNICAL INSTITUTE

Sullivan High School maintains a partnership with Rolla Technical Institute for providing a rigorous vocational-technical training experience at the Career Center for students who apply and meet the program requirements. Eligible 11th and 12th grade students are required to attend Sullivan High School for a half day and then travel by school bus to Rolla for the other half day. All programs at the Career Center will earn three units of practical arts credit per year. Sullivan High School's attendance and discipline policies remain in effect as students travel to and from the Rolla Technical Institute. Students should have a good record of attendance and discipline to be accepted and continue in this program. The following programs are available to Sullivan students: **Architectural & Mechanical Design, Automotive Technology, Collision Repair, Construction Trades, Criminal Justice, Culinary Arts, Design Academy, Early Childhood Careers, Fire and Rescue Technology, Health Science Academy, HVAC, Electrical & Plumbing, Information Technology, Intro to Service Careers, Masonry, Pathways to Engineering (PLTW), and Wood Manufacturing & Design.**

ARCHITECTURAL & MECHANICAL DESIGN

Credit: 3 Unit/Practical Art/Year

Architectural and Mechanical Design is a 2-year program that includes instruction in mechanical and architectural drafting. Drafters prepare detailed drawings from rough sketches, written instructions, specifications, and calculations made by engineers, designers, and architects. These drawings include dimensions, sizes, and specifications and are used to plan, prepare, build, construct, or illustrate the manufacture of various types of products.

PREREQUISITES: Junior or Senior status

AUTOMOTIVE TECHNOLOGY

Credit: 3 Unit/Practical Art/Year

Automotive Technology is a 2-year program offering instruction in auto shop safety, tools and equipment, engine fundamentals, engine reconditioning, engine performance, chassis, front end, brake systems, Fuel Systems I and II, engine tune-up, electrical systems, repair orders, and cost estimates. East Central College offers dual credit for Automotive Technology students. First year students will cover basic automotive theory and systems as well as maintenance and light repair. Second year students will get further training in diagnostics and repairs.

PREREQUISITES: Junior or Senior status

COLLISION REPAIR

Credit: 3 Unit/Practical Art/Year

Collision Repair is a 2-year program that teaches students the basic skills needed to be a technician in the auto body repair trade. Through a combination of classroom instruction and hands-on practice in the Collision Repair Lab, students are taught to straighten damaged vehicle bodies, remove dents, and replace parts that are damaged beyond repair. ICAR Certification is available for all students.

PREREQUISITES: Junior or Senior status

CONSTRUCTION TRADES

Credit: 3 Unit/Practical Art/Year

Construction Trades is a 2-year program that is designed to qualify students for entry-level employment in the building trades field. Some classroom work is required, but the primary learning experience is through hands-on work at the job site in all kinds of weather. Upon successful completion of the program, graduates will receive a certificate of completion and an OSHA 10 card and may work in the following building trades: foundation work, concrete work, residential and commercial framing, roofing, drywall work, flooring and finish carpentry. Graduates of the program can gain credit with the St. Louis Carpenters Union as well as dual credit with East Central College.

PREREQUISITES: Junior or Senior status

CRIMINAL JUSTICE

Credit: 3 Unit/Practical Art/Year

This 2-year (6 credit) program is a general introduction to the American criminal justice system with an emphasis on law enforcement. Students will investigate US constitutional law and the Missouri criminal code as well as many other aspects of law enforcement such as professional ethics, evidence procedure, crime scene and accident investigation, and types of equipment used in industry today. Students will have the opportunity to practice real world scenarios and participate in active physical training. Students will have the opportunity to earn credentials such as Basic Life Support (BLS) and OSHA-10 for Public Safety. This program is designed to prepare students to continue their postsecondary education in several areas of Criminal Justice. Juniors will have priority enrollment in year I.

PREREQUISITES: Junior or Senior status

CULINARY ARTS

Credit: 3 Unit/Practical Art/Year

The Culinary Arts program at RTI/C uses the National Restaurant Association's ProStart curriculum. Students spend two years in the classroom mastering the fundamental management and culinary skills needed for success. Students are trained on industry-specific skills that can be used in all aspects of the restaurant and food service industry. Students also leave the program with employability skills; such as: leadership, accountability, teamwork, and responsibility that can take them to positions in all industries.

PREREQUISITES: Junior or Senior status

DESIGN ACADEMY

Credit: 3 Unit/Practical Art/Year

The Rolla Technical Institute Design Academy is a series of pathways for students interested in entering a career in the Visual Arts Career Cluster that includes graphic design, animation + game art design, animation + game art development (programming), website design and development, interior design, and drafting design.

PREREQUISITES: Junior or Senior status

EARLY CHILDHOOD AND TEACHING CAREERS

Credit: 3 Unit/Practical Art/Year

Early Childhood Careers is a 2-year program which will provide students with the primary knowledge and skills needed for a future career in childcare or early childhood education. Students will have the opportunity of complete their practicum hours, child development associate training, child development portfolio requirements, and course work in an early childhood setting under the guidance and supervision of a certified early childhood educator who has either an Early Childhood Birth-Third Grade or and Early Childhood Special Education Certificate as well as a Master's degree in a related field.

PREREQUISITES: Junior or Senior status

FIRE AND RESCUE TECHNOLOGY

Credit: 3 Unit/Practical Art/Year

Fire & Rescue is a 1-year program that prepares students for a career in firefighting. The program includes courses in basic firefighter tactics, fire department management, fire investigations, and hazardous materials response. The program follows national and state guidelines with instruction that includes hands-on exercises and case studies. Fire & Rescue Technology is offered in alternate years with the next course beginning in 2024-2025 school year.

PREREQUISITES: Junior or Senior status

HEALTH SCIENCE ACADEMY

Credit: 3 Unit/Practical Art/Year

The Health Science Academy offers you a "jumpstart" into your future career in the healthcare industry. If your interests include medicine, dentistry, nursing, diagnostic imaging, emergency services, physical or occupational therapy, surgical technology, respiratory therapy, pharmacology, veterinary medicine -- or any other allied health career, the Health Science Academy was designed for you in mind! The related coursework, specialized training, volunteer opportunities, clinical experiences, and membership in HOSA: Future Health Professionals, will equip you with the technical and leadership skills necessary for continued education after high school. Students will begin the Academy their junior year of high school and attend classes each year until graduation. All core graduation requirements must be met. Some students may be eligible for embedded credit during coursework in the Academy. Academy students will receive specialized training in HIPAA, bloodborne pathogens, and first aid in addition to Basic Life Support Certification. Students have the option to pursue certifications as a Certified Nursing Assistant or Certified Pharmacy Technician.

PREREQUISITES: Junior or Senior status

HEATING, VENTILATION, AIR CONDITIONING, ELECTRICAL & PLUMBING

Credit: 3 Unit/Practical Art/Year

HVAC, Electrical & Plumbing is a 2-year high school program that provides a balance of theory and application. This includes a solid foundation in the principles of heating, ventilation, air conditioning, and refrigeration, combined with extensive laboratory experience. In the lab, students learn to test, systematically trouble shoot, repair, and maintain electrical and mechanical HVACR systems and components. Residential and light commercial heating, ventilating, and air conditioning, along with electrical and plumbing, are the main focuses of the program. Upon successful completion of one year of HVACR, students will be eligible to take the ESCO Institute EPA Refrigerant Certification exam.

PREREQUISITES: Junior or Senior status

INFORMATION TECHNOLOGY

Credit: 3 Unit/Practical Art/Year

Information Technology is a 2-year program designed to provide students with instruction and hands-on experience with various hardware, software, operating systems, and cybersecurity techniques used in Information Technology. Coursework goes beyond simple computer repair and into topics such as customer service, cybersecurity, operating systems, system administration, database, and networking concepts. The coursework and labs include a variety of Microsoft, Linux, and Mac operating system administration and troubleshooting to provide students with the experience employers demand. Students will receive instruction for industry-recognized certifications, such as the CompTIA A+ (Windows hardware and operating systems), Linux+ (Linux operating systems), and Security+ (CyberSecurity) certifications utilizing computer-simulated labs, hands-on labs, and virtual machines.

PREREQUISITES: Junior or Senior status

INTRO TO SERVICE CAREERS

Credit: 3 Unit/Practical Art/Year

This program helps prepare your special needs student for the world of work. We work on soft skills in the classroom such as, communication, self-image, respect, punctuality and attendance (just to name a few). Our students also get hands-on experience by working in our lab that serves food to the entire building at break time. In the lab the students learn teamwork. How to work together to get their product complete and presentable for their customers. They also learn how to rotate products, clean as they go, follow specific directions and even be flexible to their surroundings. This program will better prepare your student for the work world in the food industry. Customer service, manners, doing a budget and even filling out a job application will help them get prepared for the world of work! Qualifying seniors are eligible for Internships!

PREREQUISITES: Junior or Senior status

MASONRY

Credit: 3 Unit/Practical Art/Year

Masonry is a 2-year apprenticeship designed to train students for entry-level masonry jobs with the basic knowledge and skills needed for brick and block work. The program offers instruction in safety procedures; make-up properties; uses and sizes of all masonry units; use of tools and equipment; use of anchors, ties, and reinforcement; types of courses and bonds; experiences in laying brick for a new home; properties and technical details of foundations, floors, roofs, walls, and fireplaces; mathematics for masonry; and blueprint reading.

PREREQUISITES: Junior or Senior status

PATHWAYS TO ENGINEERING (PLTW)

Credit: 3 Unit/Practical Art/Year

Pathways to Engineering is a 6-course high school program. These challenging courses use project-based, hands-on experience to teach students the key elements and skills of engineering and technology-based careers.

PREREQUISITES: Junior or Senior status

WOOD MANUFACTURING AND DESIGN

Credit: 3 Unit/Practical Art/Year

The Wood Manufacturing and Design program offers instruction in design, construction techniques, tool machine maintenance, finishing procedures, problem solving, blueprint reading, safe operation of tools and equipment, and estimating cost and materials. Upon successful completion of this program, graduates will be able to obtain an apprentice card and advanced standing in the apprenticeship program through the local union.

PREREQUISITES: Junior or Senior status

CLUBS & ORGANIZATIONS

Students who are actively involved in school tend to enjoy school more and as a result achieve higher levels of success. We have included information regarding most of the organizations that are active at SHS. Membership in these organizations provides valuable leadership experience as well as a lifetime of memories.

ART CLUB

Art Club offers visual art experiences for both the serious art student as well as the student who just wants to enjoy and appreciate art. The club meets on Wednesday bi-weekly for those students who are seeking a creative outlet in addition to their academic schedule. We also volunteer for local organizations to promote the arts in various ways such as face painting, window painting, and arts advocacy with the painting of murals on walls throughout the school.

DECA

DECA, an association of Marketing students, is only for students enrolled in marketing courses. It focuses on leadership, civic consciousness, vocational understanding, and leadership development. Members have the opportunity to participate in various events at the district, state, and international levels learning new skills while making new friends that could last a lifetime. It is an excellent opportunity for students interested in a career in marketing or business.

FCCLA

The mission of Family, Career, and Community Leaders of America (FCCLA) is to promote personal growth and leadership development through Family and Consumer Science (FACS) education. Focusing on the multiple roles of the family member, wage earner and community leader, members develop skills for life through character development, creative critical thinking, interpersonal communications, practical knowledge, and career preparation. The Sullivan FCCLA chapter is located in Region 5 of the Missouri FCCLA. Any student enrolled in a FACS class is eligible to be a member. There is an annual membership fee of \$15.

FELLOWSHIP OF CHRISTIAN ATHLETES

Fellowship of Christian Athletes (FCA) is the largest Christian sports organization in America. FCA focuses on serving local communities by equipping, empowering, and encouraging people to make a difference for Christ. Here at SHS, FCA is a student-led organization that meets together regularly to encourage each other and be good examples to staff, peers, and the community. Being a member of an athletic team is not a requirement! Activities include tailgating before home football games, participating in the homecoming parade, buying Christmas gifts for local needy families, and hosting a blood drive.

FBLA

Future Business Leaders of America (FBLA) is a nonprofit student business organization with nearly a quarter million members worldwide. Its mission is to bring business and education together in a positive working relationship via innovative leadership, community service, and career development programs. Membership in FBLA helps students learn about business and gives them the opportunity to see the "real world" through interaction with business leaders in the local Sullivan community and across the country. Students will also have the opportunity to test their business skills in chapter, state, and national competitions.

FUTURE TEACHERS OF AMERICA

Future Teachers of America (FTA) is a pre-professional organization for high students interested in becoming educators in their post-secondary academic plan..

NATIONAL FFA ORGANIZATION

The National FFA Organization is for students interested in careers related to agriculture, food, and natural resources. With over 650,000 members nationally, FFA's mission statement is to develop students' potential for premier leadership, personal growth, and career success through agricultural education. FFA members participate in a variety of activities including local chapter meetings and events, leadership conferences, career-based contests, community service activities, and conventions on the area, district, state, and national levels. To join, members must be enrolled in an agricultural education course.

PEP BAND

The Sullivan Jazz Ensemble is a before- school, extra-curricular ensemble. The goal of the Sullivan Jazz Ensemble is to teach group dynamics, equal importance of every person in the ensemble, and the education of jazz traditions. The performing focus of the band is audience centered, resulting in a variety of styles from traditional to big band charts to recent popular music being represented. The music is selected, first and foremost, to be educational for the students and at the same time, is open to all students interested in music.

SCIENCE CLUB

Science Club's goal is to provide students the opportunity to explore and discover the world around them.

SCHOLAR BOWL

Scholar Bowl is a competitive organization allowing for varsity and junior varsity competition. Students compete with a team to answer questions on subjects related to literature, mathematics, science, history, fine arts, and current events.

PEP CLUB

Pep Club is a school wide club to promote and increase student attendance at all SHS team competitions. Students gather and sit in the predetermined student sections for home and away contests, and dress in a particular theme to help raise school spirit.

RENAISSANCE

Renaissance is a motivational program at Sullivan High School designed to emphasize our commitment to excellence in education. The goals of Renaissance are to encourage students to get better grades; increase attendance; improve conduct; reduce the dropout rate; and reach at-risk students. Through this special rewards program, students will receive recognition, privileges and awards for high academic achievement, exceptional attendance and good citizenship.

SPEECH TEAM

The speech team is composed of students who travel around the area and compete in speech and dramatic events. Some events are duet acting, original oratory, prose and poetry reading and many more.

STUDENT COUNCIL

Sullivan High School Student Council is a community oriented group of students consisting of students throughout the entire student body (9-12). The council organizes and participates in various events throughout the school and community, in the name of improving the school climate for students and staff alike. Our main events include, fall/winter homecoming and the Unified Special Olympics track meet. Students are responsible for all activities related to each event including the parade, pep assemblies, both dances, spirit week activities and the crowning of the kings and queens.

TECHNOLOGY STUDENT ASSOCIATION (T.S.A.)

TSA is a national organization of high school students who are engaged in science, technology, engineering, and mathematics (STEM). Since TSA was chartered in 1978, almost 4,000,000 student members have participated through challenging competitions, leadership opportunities, and community service.

THESPIANS

Members will join an International Honor Society. You must participate in 2 shows and have at least 10 points to be inducted. Members will be eligible to compete for scholarships and opportunities at the state, national, and International levels.

MULTICULTURAL CLUB

The Multicultural Club mission is to promote cultural diversity and provide students the opportunity to learn about other cultures. Dues are not required, but members are expected to participate in meetings and programs in order to gain access to our special activities, such as the lock-ins and end of year celebration.

TABLE GAMES

Table Games is a school-wide club that brings students together through organized board games, card games, and strategy games. The club promotes social interaction, critical thinking, and friendly competition in a relaxed and inclusive environment.

LINK CREW

Link Crew is a leadership-based club focused on helping incoming freshmen successfully transition into high school. Members serve as mentors, build positive relationships, and foster a welcoming school culture through orientation activities and ongoing support.

NHS

National Honor Society recognizes students who demonstrate excellence in scholarship, leadership, service, and character. Members participate in service projects and leadership activities that positively impact the school and community.

PROM COMMITTEE

Prom Committee is a student organization responsible for planning and organizing the annual prom. Members collaborate on theme selection, decorations, logistics, and event details to create a memorable experience for all attendees.

SADD

SADD is a prevention-focused club that empowers students to make healthy and responsible choices. The club promotes awareness around issues such as substance abuse, safe driving, and mental wellness through education and school-wide initiatives.

SPECIAL OLYMPICS

Special Olympics is a service-oriented club that supports athletes with intellectual disabilities through inclusive activities and events. Members promote acceptance, leadership, and unity while assisting with competitions and community engagement.

E-SPORTS

E-Sports is a competitive and collaborative club centered on organized video game play. Students develop teamwork, communication, and strategic skills while representing the school in structured leagues and tournaments.

UNITED SOUND

United Sound is an inclusive music club that pairs students with and without disabilities to make music together. The club promotes friendship, creativity, and accessibility through shared musical experiences and performances.

WYSE

WYSE is an academic competition club focused on science, technology, engineering, and mathematics. Students prepare for regional and state contests that challenge problem-solving skills and promote advanced academic achievement.

COURSE PLANNING GUIDE

9TH GRADE	SCHOOL YEAR _____	10TH GRADE	SCHOOL YEAR _____
<i>Required Courses</i> 		<i>Required Courses</i> 	
<i>Elective Courses</i> 		<i>Elective Courses</i> 	
11TH GRADE	SCHOOL YEAR _____	12TH GRADE	SCHOOL YEAR _____
<i>Required Courses</i> 		<i>Required Courses</i> 	
<i>Elective Courses</i> 		<i>Elective Courses</i> 	