

The Bulldog way

~STRIVING FOR THE BEST, WE RISE ABOVE THE REST~

Morgan County R-1

Course Description Catalog

2020-2021



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Stover High School

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Requirements for Graduation 2021/22 2023-beyond

Language Arts	4
Social Studies	3
Science	3
Mathematics	3
Practical Arts	2
Fine Arts	1
Physical Education	1
Health	1/2
Personal Finance	½
Electives	7
Total Credits	25

Requirements for Graduation

Language Arts	4
Social Studies	3
Science	3
Mathematics	3
Practical Arts	2
Fine Arts	1
Physical Education	1
Health	1/2
Personal Finance	1/2
Electives	8
Total Credits	26

Program of Study

To the Student:

This booklet contains course descriptions of those subjects taught at Stover High School. It is designed as an aid to students in order that they might have a better understanding of the subjects available to them.

The curriculum is designed to provide as wide of a range of courses as existing facilities and staff will permit. All courses listed are possible offerings, but ultimately, some courses may not be available due to insufficient enrollment or staff limitations. In addition, certain courses are offered every other year or, in some cases every third year.

As a student, it is important that you begin to prepare for your life's work. The need for long-range planning is a significant factor in your success in high school. The needs, interests, and aptitudes of the student should determine the educational program each will follow. The importance of following course sequences and prerequisite courses cannot be overemphasized. The advice of friends or the desire to follow an "easy" program is not a sound basis for selecting a program of study.

In planning a four-year program, it is advisable to seek help and advice from parents, the school counselor, and the principal, as their experience and knowledge can prove very beneficial. The school provides guidance services to assist in selecting the correct courses, however, in the final analysis; it is the responsibility of each student to take the courses necessary for graduation.

It is the desire of the Board of Education to provide an educational experience that is as basic and broad as possible for all students, whether they terminate their formal education with graduation from high school or continue in higher education. In all instances, the function of the system is to prepare the student for life.

NONDISCRIMINATION

The Board of Education believes in the inherent worth of each individual and the right of every student to receive equal opportunities in all educational programs and activities and conducted by the district. The Board also believes in the right of every qualified individual to expect fair and equal treatment both as applications for employment and as employees in the district.

It is the policy of the Board to accord equal consideration and impartial treatment regardless of race, color, national origin, ancestry, religion, socioeconomic status, marital status, sex, and age handicapping conditions or membership in legally organized organizations. This policy will prevail in all matters concerning staff, the students, the public, the educational programs and services of the district and individuals with whom the Board does business.

In keeping with the requirements of federal and state law, this school district strives to remove any vestige of discrimination in employment, assignment, and promotion of personnel; in educational programs, offerings, services and vocational opportunities offered to students; in assignment of students to schools and classes; in student discipline; and, in the location and use of facilities and educational materials.

Enrollment Instructions

Enrollment is one of the most important assignments in which you as a student will participate. Therefore, you should give serious consideration to the decisions you make in selecting your personal plan of study for next year. Talk with your parents, teachers, counselors, and principals for their advice. Choose courses carefully - schedules are not changed without good reason.

It is the student's responsibility, with the help of your advisor, to determine a program of study from which you will profit the most and meet Stover High School graduation requirements, while preparing you for college, technical school, the military or the work of work.

Class Status

Class status is based solely on the number of high school credits the student has earned.

- *Freshman* = Fewer than 6.5 credits
- *Sophomore* = Between 6.5-13 credits
- *Junior* = Between 13 & 19 credits
- *Senior* = 19 or more credits

Class Load

For a full-time student, the minimum course load is 6 periods scheduled within the 7 period day. Students will need to earn approximately 6.5 credits per year in order to graduate in 4 years.

Required Courses by Grade Level

Freshman

LA: English I
Social Studies: World History
Science: Physical Science
Math: (Choice depending on prerequisite)

Sophomore

LA: English II
Social Studies: American History
Science: Biomedical Science
Math: (Choice depending on prerequisite)

Junior

LA: English III
Social Studies: Government
Science: Biology
Math: (Choice depending on prerequisite)

Senior

LA: (Choice depending on prerequisite)

Career Paths



Requirements

Students and parents should read these requirements carefully. The school will advise and keep students informed of their status, but completion of coursework and compliance with school policies are the responsibility of the student.

Courses marked with an (*) are required for graduation.

English (4)

English I *
 English II*
 English III *
 English IV*
 DC Comp I & II

Math (3)

Algebra A
 Algebra B
 Algebra I*
 Algebra II
 Career Math
 Geometry
 Math Analysis
 AP Calculus

Social Studies (3)

World History *
 American History*
 Government (½)*
 Ancient Civilizations (½)
 World War II (½)
 Current Events (½)
 World Religions (½)

Practical Arts (2)

Accounting I
 Business Law (½)
 Business Technology

Fine Arts (1)

Art I
 Art II

Science (3)

Physical Science *
 Principles of Biomedical Science*

Desktop Publishing (½)
Economics (½)
Entrepreneurship
Computer Applications (½)
Multimedia (Yearbook)
Ag Science I
Ag Science II
Ag Construction
Ag Business (½)
Animal Science (½)
Crop Science (½)
Greenhouse (½)
Ag Power (½)
Ag Structures(½)
Hospitality Management
Child Development (½)
Apparel (½)
Housing/Interior Design (½)
World Foods I & II
Nutrition (½)
CFL (½)
Family Living (½)

Advanced Art
Music Appreciation
Band
Choir

Biology *
Advanced Biology
Chemistry (Launch)

Health (1/2)
Health (9-12)*

PE (1)
PE (9-12)
Weight Lifting
Lifetime Sports
Walking/Light Exercise

Electives (6)
Personal Finance *
Spanish I
Journalism (½)
Mythology (½)
Creative Writing (½)
ACT Prep (½)

M.S.H.S.A.A Eligibility

Students wanting to participate in a High School Sport must have earned 3.0 credits in the semester prior to the start of the selected sport season. The student must also be enrolled in 6 courses (3.0 credits) during the semester they are participating. All freshmen are automatically eligible for the first semester.

NCAA Initial Eligibility

If you are planning to enroll in college and wish to participate in Division I or Division II sports, you must be certified by the NCAA Eligibility Center. You should start the certification process early, usually by sophomore year. There are several steps in this process. For more information, you should visit www.eligibilitycenter.org or contact the H.S Counseling Department or the Athletic Director.

Dual Enrollment Classes

Stover High School students may take classes and earn both high school and college credit. These courses do require a MANDATORY FINAL in both semesters. College credit is offered through State Fair Community College.

Requirements for State Fair Community College dual credit:

➤ Freshmen

- Dual credit applications must be filled out at www.sfccmo.edu/dualcredit. Select “For Students”
- Have at least a 3.0 GPA
- Submit an official high school transcript
- Enrollment form must be signed by all parties

- ACT scores in the 90th percentile for the subject area in which they plan to take a dual credit course
 - NOTE: Freshman MUST have ACT scores on file. Any other placement test scores are not applicable.
- **Sophomores**
 - Dual credit applications must be filled out at www.sfccmo.edu/dualcredit. Select “For Students”
 - Have at least a 3.0 GPA
 - Submit an official high school transcript
 - Enrollment form must be signed by all parties
 - Qualifying placement test scores if needed
- **Juniors/Seniors**
 - Dual credit applications must be filled out at www.sfccmo.edu/dualcredit. Select “For Students”
 - Have at least a 2.5 GPA
 - Submit an official high school transcript
 - Enrollment form must be signed by all parties
 - Qualifying placement test scores if needed

Other Pre-College Information

1. For students planning to enter post-secondary education, it is recommended that they take the ACT Test in their sophomore or junior year.
2. Seniors should complete applications to the post-secondary institution of their choice as early as possible during the fall of their senior year.
3. Some schools have early application deadlines for students who are applying for scholarships. These early deadlines require seniors to have a qualifying ACT score before their senior year begins.
4. Students should prepare to submit the Free Application for Federal Student Aid (FAFSA). Financial aid awards are made by the colleges on the basis of the family’s tax information. Financial aid consists of Grants (both Federal and State), Loans and Work Study. Every student planning on going to college should fill out a FAFSA. All students planning on using their A+ funds MUST file a FAFSA application.
5. For students planning to enter college, it is recommended that they take at least one year of foreign language class. It is recommended that students check with all colleges and universities that they apply to for specific foreign language requirements.

A+ Program

Morgan County R-1 is an A+ school. Students who have met the following criteria by the time they graduate may be eligible for financial assistance if they decide to go to a State Technical College of Missouri or a public community college. At this time, if the student meets the criteria below and decides to attend a Missouri two-year institution, the State of Missouri will pay for their tuition for the first two years.

1. Student must have signed an A+ agreement while in high school.
2. Student must have attended a designated A+ school for three consecutive years prior to high school graduation.
3. Student must graduate from high school with a grade point average of 2.5 or higher.
4. Student must perform 50 hours of unpaid tutoring or mentoring for younger students.
5. Student must have at least a 95% attendance record for a four-year period.
6. Student will be required to score at the Proficiency Level on the Alg. I EOC or have a qualifying math score on the ACT.
7. Student must maintain a record of good citizenship and avoidance of drugs and alcohol.

2020-2021 Test Schedule

ASVAB- This aptitude test is given to all juniors in the Fall of each school year. The test is given and paid for by the United States Department of Defense. There is no fee for this test.

End of Course (EOC) Exams- These exams are given near the end of the semester each year. EOC exams will be given in the following courses: Algebra 1, Biology, Eng. II, and Government. Failure to take an EOC will result in a delayed graduation date.

ACCUPLACER- The Accuplacer Test is given to students that are planning to take dual credit or can be used for entrance into many trade/technical schools. This test is given at the school, online, and at no cost. The Accuplacer Test is a college placement test which evaluates skill levels in reading, writing and math and helps to place students for dual credit courses.

PSAT- The Preliminary Scholastic Aptitude Test (PSAT) will be offered in Fall 2020 to students in their junior year. Juniors interested in the National Merit Scholarship competition must take the PSAT in order to be considered.

SAT- Students interested in taking the SAT Tests need to register at collegeboard.org. All necessary information such as test dates and cost can be found on the website.

Missouri Connections- Missouri Connections is a career assessment tool for students to explore career areas. Students will take the assessments and use Missouri connections throughout high school and develop an electronic portfolio, including a personal plan of study. There is no fee for this service.

PreACT- The PreACT has the same four multiple-choice sections as the regular ACT: English, Math, Reading, and Science. There is no Writing section. The test is also scored the same way as the regular ACT, on a scale from 1-36. The PreACT is given in the Fall to sophomores beginning Fall 2020.

ACT- The ACT is the test required for admission for most of the colleges and universities in the midwest. Results are also used for scholarships and placement. There are five regular testing dates during the following months: September, October, December, February, April and June. The current cost is \$52 for the ACT. The optional Writing Assessment is available with the regular ACT. There is an additional charge (\$9) for taking this test. Students should contact their college and ask if they require the writing portion. ACT requests that students register online at act.org.
Morgan County R-1's High School Code is 263350

ACT Test Dates for 2020-2021

Date of Test	Registration Deadline
June 13, 2020	May 8, 2020
July 18, 2020	June 19, 2020
Sept 12, 2020	August 7, 2020
Oct 24, 2020	Sept 20, 2020
December 12, 2020	November 6, 2020
February 6, 2021	January 8, 2021
April 10, 2021	March 5, 2021

Course Descriptions

Social Studies Courses

World History

Level: Grade 9 Prerequisite: none
 Credit: 1.0 Length: 2 semesters
 This class is designed to teach students the history of the world from the Middle Ages through the Industrial Revolution. Students will learn the causes and effects of important historical events, and the effects they had on society.

Credit: 0.5 Length: 1 semester
 Government helps prepare students by covering Civics, Missouri, and US government systems. Students will learn how governments and states first appeared and how our governments have changed over time. We will discuss how various levels of government interact as well. This class will also prepare students for the EOC, Missouri, and US Government tests.

American History

Level: Grades 10 Prerequisite: World History
 Credit: 1.0 Length: 2 semesters
 American History covers the history of our country from Reconstruction to the 1950's and beyond. We will spend a great deal of time discussing the changing political and social climates of the time period. Students will see how modern America has developed and the contributions of those that have come before. We will use a variety of learning styles in this class. We will spend time with class lecture, videos, and student led learning using chromebooks with Google Apps for Education. Students will also prepare and complete requirements for the Missouri Civics Education Initiative.

World War II

Level: Grades 11, 12 Prerequisite: none
 Credit: 0.5 Length: 1 semester
 World War II discusses the causes, prosecution, effects of the war. We will spend time talking about some of the great leaders of the war, both political and military. The class will begin with the rise of Hitler and the Nazi party and end with the the bombing of Hiroshima and Nagasaki. We will use a variety of resources during the course of the class, including: videos, article reviews, and various books and first hand accounts of the war.

Psychology

Level: Grades 10, 11, 12 Prerequisite: none
 Credit: 0.50 Length: 1 semester
 Psychology is an important part of how we understand ourselves and others around us. This class will help students progress along in life with a better understanding

Government

Level: Grades 11, 12 Prerequisite: American History

and grasp of how our minds and others' minds operate, and how to best be an effectively thoughtful human being in a changing world.

Ancient World Civilizations

Level: Grades 11, 12 Prerequisite: World History

Credit: 0.50 Length: 1 semester

Ancient Civ. studies the foundations of our culture by looking at the development of past culture. This class discusses the growth and contributions of Mesopotamia, Egypt, Greece, and Rome. We will also learn about primitive civilizations of the stone age and some basics of anthropology and archaeology.

Modern American History

Level: Grades 10, 11, 12 Prerequisite: World History

Credit: 0.50 Length: 1 semester

In this class we will discuss American History from the 1950's to modern day America. Students will understand how the country developed by studying the world of the past.

Civil War

Level: Grades 10, 11, 12 Prerequisite: World History

Credit: 1.0 Length: 2 semesters

This course is designed to teach students about the bloodiest time in American History. We discuss the reasons for the Civil War as well as the consequences of this great conflict. Students gain in depth knowledge of selected battles and people of the Civil War.

World Religions

Level: Grades 11, 12 Prerequisite: Government

Credit: 0.5 Length: 1 semester

Religion and Ethics is a Social Studies elective that explores central themes of world religions from ancient times to present. The class is divided into units that explore the history, central figures, doctrinal texts and practices of different religious systems observed around the world. There is no proselytization in this class. Each religion/religious system is studied for academic and cultural understanding. The class is designed to equip the student with a better understanding of the diverse world in which we live.

Current Events

Level: Grades 11, 12 Prerequisite: Government

Credit: 0.5 Length: 1 semester

Using current events, this elective course focuses on world and local issues that affect students' everyday lives, such as economics, government, and conflict. This course uses newspapers, online media, cartoons, and newscasts to support class discussion. Additionally, students participate in group projects, presentations, and work with primary source materials and opinion pieces in order to better understand the world around them.

Math Courses

Algebra I A

Level: Grades 9, 10 Prerequisite: none

Credit: 1.0 Length: 2 semesters

Algebra 1 A is designed to split Algebra 1 into two consecutive years. Students will follow Algebra 1 A with Algebra 1 B.

Algebra I A is designed to enable students to perform and apply fundamental algebraic concepts for problem solving. Through a regimented spiral approach, the students will incorporate prior information with new concepts daily. Various topics include working with positive and negative values within the real number system, simplifying expressions, graphing and determining equations of lines, and solving equations. Scientific calculator is recommended.

Algebra I B

Level: Grades 10, 11, 12 Prerequisite: Algebra A

Credit: 1.0 Length: 2 semesters

Algebra 1 B is designed to split Algebra 1 into two consecutive years. Students will take Algebra 1 B after completing Algebra I A. Algebra I B is designed to enable students to perform and apply fundamental algebraic concepts for problem solving. Through a regimented spiral approach, the student will incorporate prior information with new concepts daily. Various topics include working with positive and negative values within the real number system, simplifying expressions, graphing and determining equations of lines, and solving equations. Scientific calculator is recommended.

Algebra I

Level: Grades 9, 10, 11, 12 Prerequisite: none

Credit: 1.0 Length: 2 semesters

Algebra I is designed to enable students to perform and apply fundamental algebraic concepts for problem solving. Through a regimented spiral approach, the

student will incorporate prior information with new concepts daily. Various topics include working with positive and negative values within the real number system, simplifying expressions, solving systems of two linear equations and inequalities, graphing and determining equations of lines, and solving first and second degree equations. Scientific calculator is recommended.

Algebra II

Level: Grades 9, 10, 11, 12 Prerequisite: Geometry or Algebra I Credit: 1.0 Length: 2 semesters

This course is designed for the college-bound student. In this course, the basic concepts from Algebra I are enriched. Topics studied include graphing, analyzing, and interpreting functions including polynomial, rational, exponential, and logarithmic functions; systems of linear equations and inequalities; matrices; conic sections; exponents and radicals. Calculators and computer software will be used when appropriate to enhance instruction.

Geometry

Level: Grades 9, 10, 11, 12 Prerequisite: Algebra I Credit: 1.0 Length: 2 semesters

The Geometry course includes an in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. Topics include logic and proof, parallel lines and polygons, perimeter and area analysis, volume and surface area analysis, similarity and congruence, trigonometry, and analytic geometry. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument. Students will be required to use different technological tools and manipulatives to discover and explain much of the course content.

PreCalculus (weighted)

Level: Grades 11, 12 Prerequisite: Algebra II Credit: 1.0 Length: 2 semesters

This course is designed to cover topics in Algebra ranging from polynomial, rational, and exponential functions to conic sections. Trigonometry concepts such as Law of Sines and Cosines will be introduced. Students will then begin analytic geometry and calculus concepts such as limits, derivatives, and integrals. This class is important

for any student planning to take a college algebra or college pre-calculus class.

Math Analysis (weighted)

Level: Grades 10, 11, 12 Prerequisite: Algebra II Credit: 1.0 Length: 2 semesters

Math Analysis is a course which emphasizes a better understanding of functions and their applications and strengthens students' mathematical reasoning and problem-solving skills. Some of the topics covered include trigonometry, parametric equations, vectors, polar coordinates, complex numbers, matrices, polynomial functions, rational functions, exponential functions, logarithmic functions, sequences, series, and limits.

Calculus (weighted)

Level: Grades 11, 12 Prerequisite: Math Analysis or PreCalculus Credit: 1.0 Length: 2 semesters

High School Calculus is a first year calculus course. Some of the topics covered include limits, continuity, derivatives, applications of derivatives (related rates, curve-sketching, optimization), integrals, applications of integrals (volumes, accumulation of change, differential equations), and techniques of integration.

Trigonometry (weighted)

Level: Grades 11, 12 Prerequisite: Algebra II Credit: 1.0 Length: 2 semesters

Students will study relations, functions, graphs, trigonometry, polar coordinates, complex numbers, limits, and derivatives. The student will analyze and graph mathematical functions. There is an emphasis on verification of trigonometric identities using all of the basic trigonometric identities. Students will use graphing calculators in activities that are appropriate to the topics being studied.

Career Math

Level: Grades 11,12 Prerequisite: Algebra and/or Geometry with Teacher Recommendation

Credit: 1.0 Length: 2 semesters

Career Math will cover material designed for career & technical or general studies students who need to study particular mathematical topics. Topics may include measurement, algebra, geometry, trigonometry, graphs, and/or finance. These are presented on an introductory level and the emphasis is on applications

English Courses

English I

Level: Grade 9

Prerequisite: none

Credit: 1.0

Length: 2 semesters

English I builds on reading, writing, listening, speaking, and language skills begun in junior high. Literature includes thematic units consisting of short stories, non-fiction, plays, and poetry, as well as units on novels and in Greek mythology. Varied composition experiences help students work toward expanding and going beyond the five paragraph essay. Emphasis is placed on the process as well as the product in both understanding literature and writing. Students will write from both personal experience as well as producing thoughtful expository writing. Grammar will be covered based on the needs of students.

English II

Level: Grade 10

Prerequisite: English I

Credit: 1.0

Length: 2 semesters

English II builds on reading, writing, listening, speaking, and language skills acquired in English I. Literature includes thematic units consisting of short stories, non-fiction, plays, and poetry, as well as units on novels. Varied composition experiences help students work toward competence in a well developed multi-page essay. Emphasis is placed on the process as well as the product in both understanding literature and writing. Students will write from both personal experience as well as producing thoughtful expository writing. Grammar will be covered based on the needs of students.

English III

Level: Grade 11

Prerequisite: Eng I & Eng II

Credit: 1.0

Length: 2 semesters

In addition to building on the reading, writing, speaking and listening skills learned in English II; English III will address a variety of American literature starting with the Golden Age/Realism and working through Modernism. Additionally the course will address grammar, spelling, vocabulary, and a variety of research methods and writing styles to prepare students for college. Students will also work on fine tuning the MLA formatting they are introduced to in English II and will be introduced to APA formatting.

Senior English

Level: Grade 12

Prerequisite: Eng III

Credit: 1.0

Length: 2 semesters

English 4 will build on the reading, writing, speaking and listening skills learned in English III; as well as, grammar, spelling, vocabulary, and writing. There will be a special focus on career readiness and technical reading and writing.

Comp I & II (weighted)

Level: Grade 12

Prerequisite: Eng III

Credit: 1.0

Length: 2 semesters

Comp I & II will build on the reading, writing, speaking and listening skills learned in English III. There will be a special focus on British Literature and an intense focus on college readiness as students work on research and essay writing, literary analysis, and oral presentations.*can receive dual credit through SFCC

Science Courses

Physical Science

Level: Grade 9

Prerequisite: none

Credit: 1.0

Length: 2 semesters

Students will explore the fascinating world of Physical Science, which is the study of matter and energy. Physical Science is a combination of two branches of science---Chemistry and Physics. Chemistry is the study of the properties, composition, structure, and interactions of matter. Physics is the study of the relationship between matter and energy.

Principles of Biomedical Science

Level: Grade 10, 11, 12 Prerequisite: Physical Science

Credit: 1.0

Length: 2 semesters

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Biology

Level: Grades 11, 12 Prerequisite: Principles of Biomedical Science Credit: 1.0 Length: 2 semesters
Biology I is an introduction to the basic principles and relationships that govern all life forms. Major themes studied are: cell structure and functions, inheritance of traits, changes of traits in organisms over time, classification of organisms based on structure, and natural relationships and ecological principles relating organisms to each other and their environment. Much effort is placed on providing modern technical techniques in investigating procedures in the study of these units with practical application of the concepts central to the course planning. (Required End-of-Course Testing)

Anatomy & Physiology (weighted)

Level: Grades 11, 12 Prerequisite: Biology
Credit: 1.0 Length: 2 semesters
Anatomy and Physiology is an upper level course dealing with the structure and function of the human body and

mechanisms for maintaining homeostasis within it. Major themes studied are: Cells, tissues, the integumentary, skeletal, muscular, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, reproductive, and nervous systems. This course is designed for students who are interested in careers in a medical field.

Advanced Biology (weighted)

Level: Grades 11, 12 Prerequisite: Biology
Credit: 1.0 Length: 2 semesters
This course continues from content learned in Biology I. Major topics include: methods of scientific inquiry, cellular processes, heredity, evolution, microbiology, zoology, and ecology. This will also include a specific study of genetics, new technologies associated. All labs, including dissection, are required.

Fine Arts Courses

Music Appreciation

Level: Grades 9, 10, 11, 12 Prerequisite: none
Credit: 1.0 Length: 2 semesters
Music appreciation provides the opportunity for students to explore a variety of aspects related to music. Topics covered include basic music theory, instrumental music, vocal music, music around the world, music history, technology, and careers in music.

Band

Level: Grades 8-12 Prerequisite: none
Credit: 1.0 Length: 2 semesters
This course provides students the opportunity to reach advanced level on their individual instruments and as an ensemble. Students will have multiple opportunities to perform a variety of different musical genres (Marching Band, Pep Band, Concert Band, Chamber Ensemble, etc.).

Choir

Level: Grades 9, 10, 11, 12 Prerequisite: none
Credit: 1.0 Length: 2 semesters
This course provides students the opportunity to further advance their vocal skills and technique in an ensemble setting. Students will explore balance, blend, and

ensemble precision as well as individual vocal skills for solo performance.

Art I

Level: Grades 9, 10, 11, 12 Prerequisite: none
Credit: 1.0 Length: 2 semesters
The scope of the course includes two and three dimensional fine arts. A comprehensive course, students explore the elements and principles of art and apply them to projects and written self- critiques. In accordance with the MO State GLEs, students engage in the disciplines of art history, art criticism, aesthetics, and art production in which they show proficiency in drawing, painting, and sculpture. Students demonstrate appropriate use of equipment in accordance with established safety guidelines.

Art II

Level: Grades 10, 11, 12 Prerequisite: Art I
Credit: 1.0 Length: 2 semesters
The scope of the course includes further development of two-and three-dimensional fine arts (landscapes, portrait/figure, still life, abstract and non-objective subject matter), graphic art and design. Students engage in the disciplines of art history, art criticism, aesthetics, and art

production in which they continue to develop skills in sculpture. Students demonstrate appropriate use of equipment in accordance with established safety guidelines. A historical overview of art is used as reference for students' art production and study

Advanced Art

Level: Grades 11, 12 Prerequisite: Art I & Art II
Credit: 1.0 Length: 2 semesters

This course is meant for serious art students who have an interest to pursue creating art in the real world. Students

Accounting I

Level: Grades 9, 10, 11, 12 Prerequisite: none
Credit: 1.0 Length: 2 semesters

This is a full year course that introduces basic accounting principles necessary for a business and an individual.

Activities include the accounting equation, the accounting cycle, entering transactions in journals, posting to ledgers, end-of-period statements and reports, payroll systems, banking activities, taxes, etc. Students who are interested in business related fields such as accounting, management, economics, or marketing, as well as law or computer science, should take this course.

Business Law

Level: Grades 9, 10, 11, 12 Prerequisite: none
Credit: .50 Length: 1 semester

This course is designed to acquaint students with the basic legal principles relevant to their roles as citizens, consumers, and employees through a mixture of personal, business, and consumer law. The content includes the elements of both civil and criminal law, court systems, basic elements of contracts, employer-employee relations, individual rights, landlord and tenants, wills and estates, family and juvenile law, laws of sales, and community property.

Business Technology

Level: Grades 9, 10, 11, 12 Prerequisite: none
Credit: 1.0 Length: 2 semesters

This course is designed to help students develop the qualities, knowledge, and skills necessary for working in a business. Students enhance computer application skills as they develop competencies needed by administrative support professionals. The content includes the use of technology to develop communication skills, the performance of office procedures tasks, the production of quality work using advanced features of business software applications, and the production of high quality

are required to design digital portfolios and websites for the intention of marketing their abilities. By the time students have completed the course, he/she will have completed a total of 10-15 pieces of artwork. All coursework is related to the previous courses.

Practical Arts Courses

employment portfolios and job-seeking documents. In addition, this course provides training or skills many employers find deficient: dealing with other people, using the telephone, organizing work, and handling other crucial tasks.

Economics

Level: Grades 9, 10, 11, 12 Prerequisite: none
Credit: 0.5 Length: 1 semester

A knowledge and understanding of economic concepts provides students the analytical tools students need to understand and make reasoned decisions about economic issues-both personal and societal. The course presents the preservation of the private enterprise system and how economic decisions are related to the successful operation of organizations and the economic activities of the country. Concepts include: production, consumption, exchange, investment, measurement concepts and methods, and career paths.

Entrepreneurship

Level: Grades 10, 11, 12 Prerequisite: none
Credit: 1.0 Length: 2 semesters

This course is designed to provide students with the fundamental knowledge needed for organizing, developing, and implementing a business concern with the private free enterprise system. Topics of study will include learning the advantages and disadvantages of owning a business, preparing a business plan, choosing a location, securing a loan, determining organizational structure, and promoting a business.

Computer Applications

Level: Grades 9, 10, 11, 12 Prerequisite: none
Credit: .50 Length: 1 semester

This course is designed to help students master beginning and advanced skills in the areas of word processing, database management, spreadsheet applications, desktop

publishing, multimedia, Internet usage, and integrated software applications.

Desktop Publishing

Level: Grades 11, 12 Prerequisite: none
Credit: .50 Length: 1 semester

Students develop proficiency in using graphic arts/desktop publishing software to create a variety of business publications such as flyers, brochures, newsletters, etc.

Multimedia

Level: Grades 11, 12 Prerequisite: none
Credit: .50 Length: 1 semester

This class produces the yearbook. Students will learn computer skills, how to meet deadlines, and work both independently and cooperatively as a yearbook staff. Students will do the following in this class: develop a theme, design a cover that reflects the chosen theme, setup type specs and graphic elements for each section, determine photo ideas, download and organize pictures, organize the sale and distribution of the yearbook, sell advertising space, finalize completed pages, meet publication deadlines, and edit pages.

Family Living

Level: Grades 9, 10, 11, 12 Prerequisite: CFL
Credit: .50 Length: 1 semester

This semester course is designed to prepare individuals to understand the nature, function, and significance of human relationships within the family/individual units. Includes instruction in the concepts and principles related to various family living conditions, including abuse prevention; the establishment and maintenance of relationships; the preparation for marriage, parenthood, and family life; and the socialization and developmental needs of individuals.

Child Development

Level: Grades 9, 10, 11, 12 Prerequisite: Family Living
Credit: .50 Length: 1 semester

This semester class is an instructional program that describes the study of the intellectual, social, emotional, and biological development of children and the planning and design of related human services. Includes instruction in parent-child relations; parenting practices; special needs of children, parental and environmental influences on child development; external support services; and related public policy issues.

Housing/Interior Design

Level: Grades 9, 10, 11, 12 Prerequisite: CFL
Credit: .50 Length: 1 semester

This semester course is designed to prepare individuals to understand the physical, psychological and social influences pertaining to the complex housing decisions required for creating a desirable living environment. Includes instruction in the human and environmental factors influencing the form and use of housing; the varied types of housing; costs; exterior and interior design; home furnishings and equipment; and the selection, use and care of available resources for achieving improved living space to meet individual and family needs.

Apparel I & II

Level: Grades 9, 10, 11, 12 Prerequisite: CFL
Credit: .50 Length: 1 semester each class

This semester course is designed to prepare individuals to understand the social, psychological, and physiological aspects of clothing and textiles; the nature acquisition and use of clothing and textile products; the selection, construction, maintenance, and alteration of clothing and textile products; and the effect of consumer choices on the individual and family as well as the clothing and textile industry.

Nutrition

Level: Grades 9, 10, 11, 12 Prerequisite: CFL
Credit: .50 Length: 1 semester

This semester course is designed to prepare individuals to understand the principles of nutrition; the relationship of nutrition to health and wellness; the selection, preparation and care of food; meal management to meet individual and family food needs and patterns of living; food economics and ecology; optimal use of the food dollar; understanding and promoting nutritional knowledge; and application of related math and science skills.

Career and Family Leadership

Level: Grades 9, 10, 11, 12 Prerequisite: none
Credit: .50 Length: 1 semester

CFL is a semester, introductory course designed to prepare students for the demands of balancing work and family roles. Emphasis is placed on critical thinking and problem solving, the acquisition of knowledge, and the development of attitudes, standards, values and skills relevant to individual and family life. Units will cover the

areas of personal growth, leadership development, exploring careers, and work and family issues. This is a good basic course for those interested in taking other family and consumer sciences courses.

World Foods I/II

Level: Grades 12 Prerequisite: CFL

Credit: .50 Length: 1 semester each class

This semester course for seniors emphasizes variety in food products and preparation techniques, experimentation in meal patterns; and the significance of food as it relates to various cultures and conditions. The course places an emphasis on the history, geography, culture and foods of the regions of the United States and other countries.

Hospitality Management

Level: Grades 10, 11, 12 Prerequisite: CFL

Credit: 1.0 Length: 2 semester2

This year-long course provides students with broad-based learning on the tasks, knowledge and skills required by anyone wishing to build a career within the hospitality and tourism industry. It introduces fundamental concepts within different hospitality functions while focusing on customer service and essential “soft” skills that can transfer to any industry.

Ag Science I

Level: Grades 9, 10, 11 Prerequisite: none

Credit: 1.0 Length: 2 semesters

A course designed for instruction in animal science, agricultural mechanics (arc welding), career exploration, FFA (leadership and personal development), and supervised agricultural experience planning. This is an entry level course for freshman.

Ag Science II

Level: Grades 10, 11, 12 Prerequisite: Ag Science I

Credit: 1.0 Length: 2 semesters

A course designed for instruction in plant and crop science, soils, entomology, horticulture, and forestry, and additional instruction in agricultural mechanics (MIG welding), career development, leadership, and supervised agricultural experience.

Ag Construction

Level: Grades 11, 12 Prerequisite: Ag Science I & II

Credit: 1.0 Length: 2 semesters

This course utilizes welding in the development and construction of major metal and wood projects. Additional instruction in shop safety, power tool safety and project planning. While there is no course fee, students are responsible for any costs incurred for projects they build for themselves.

Agriculture Business

Level: Grades 11, 12 Prerequisite: Ag Science I & II

Credit: 0.5 Length: 1 semester

This course develops an understanding of economic principles, business concepts, sales, marketing, and the economic impact of the Agricultural Industry.

Ag Power

Level: Grades 11, 12 Prerequisite: Ag Science I & II

Credit: 0.5 Length: 1 semester

This course develops skills in the maintenance, repair, adjustment, and overhaul of small engines.

Ag Structures

Level: Grades 11, 12 Prerequisite: Ag Science I & II

Credit: 0.5 Length: 1 semester

This course includes electrical wiring, electrical motors, concrete masonry, plumbing and sewage disposal, farm fences, product handling and processing equipment, and farm buildings.

Animal Science

Level: Grades 11, 12 Prerequisite: Ag Science I & II

Credit: 0.5 Length: 1 semester

Advanced study in animal production, management, marketing, nutrition, breeding, production records, selection, animal health, waste management, and biotechnology may be included in this course.

Crop Science

Level: Grades 10, 11, 12 Prerequisite: Ag Science I & II

Credit: .50 Length: 1 semester

A course designed to give students a more in-depth education of plant sciences including: major Missouri crops, plant biology, importance of soil fertility, and environmental safety. Students will be involved in hands-on and experiential learning projects through the course.

Greenhouse

Level: Grades 10, 11, 12 Prerequisite: Ag Science I & II

Credit: .50 Length: 1 semester
This course develops a basic understanding of greenhouse techniques. The production of greenhouse crops will be used to demonstrate procedures such as plants started from cuttings, seeds, grafts, and layering. Students will manage their own crop as a greenhouse project and assist with facilitating fall and spring plant sales.

Woods I

Level: Grades 9, 10, 11, 12 Prerequisite: none
Credit: 1.0 Length: 2 semesters
Students will explore the fields of cabinet and furniture making, along with building at least one project per semester. Students will design, plan, and create projects using both hand and power tools as it relates to cabinet and furniture making. Students will be required to have safety glasses and must pay for all project materials needed to produce the projects they are making.

Woods II

Level: Grades 10, 11, 12 Prerequisite: Woods I
Credit: 1.0 Length: 2 semesters
This class is a continuation of Woods 1, focusing on more complex projects. Students will focus projects around the

fields of cabinet and furniture making, incorporating a wide array of hand and power tools into production. Students will learn different finishes to use to complete the project, including paints, stains, and clear coats. Students will be required to have safety glasses and must pay for all project materials needed to produce the projects they are making.

Drafting

Level: Grades 10, 11, 12 Prerequisite: Woods I
Credit: 1.0 Length: 2 semesters
Civil Engineering and Architecture is the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building design and construction including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry

PE/Health Courses

Physical Education

Level: Grades 9, 10, 11, 12 Prerequisite: none
Credit: 1.0 Length: 2 semesters
Physical Education is designed for all students who have not been in a physical education class. The class concentrates on the basics of physical education skills, terminology, fitness, team and individual sports. The class has a required "Fitness Friday" each week to promote personal fitness and prepares students for the state physical education exam that is required of all freshmen in the state of Missouri. Daily dress out and participation is required. There is a required research project.

Weight Lifting/Body Conditioning

Level: Grades 9, 10, 11, 12 Prerequisite: none
Credit: 1.0 Length: 2 semesters
The primary goal of this class includes an advanced knowledge of physical training, increased strength, and cardiovascular conditioning. Various training methods and train equipment will be used. It provides a moderate to high intensity workout program consisting of weight lifting, aerobic fitness, plyometrics, and speed and agility

exercising. This will provide maximum fitness benefits in a minimum amount of time. The students will also learn to design their own training and nutritional program. Daily dress out and participation is required.

Lifetime Sports

Level: Grades 10, 11, 12 Prerequisite: PE (can only take once during HS)
Credit: 1.0 Length: 2 semesters
This course is designed to expose students to sports that can be played at the present time and in the rest of their lives. Students will experience a wide variety of activities that will enable them to participate actively in recreational pursuit throughout their lives. Featured sports will include badminton, golf, bowling, pickleball, tennis, and various other activities. Daily participation is required.

Walking/Light Exercise

Level: Grades 9, 10, 11, 12 Prerequisite: none
Credit: 1.0 Length: 2 semesters
This is a new course added in 2020-21 for High School students who want an alternative to regular Physical

Education and weight training courses. The class is for students who want to do light exercise activities while still earning their Physical Education credit or as an elective. Class will consist of non-competitive games and exercise activities (yoga, walking, stretching, shuffleboard, archery, horseshoes, disc golf, basic self defense, basic sports skills, community work, set up for school activities)

involving personal, family, community, regional, and world health problems.

Health

Level: Grades 9, 10, 11, 12 Prerequisite:

Credit: .50 Length: 1 semester

This is a physical education theory course that provides instruction of the physical, mental, and social health issues of our modern society. It examines critical issues

*****Students may NOT take more than 1 physical education class a year, UNLESS, the student is a senior that has successfully completed all other graduation requirements and has WRITTEN APPROVAL from the Physical Education Instructors.*****

Electives

Personal Finance

Level: Grades 10, 11, 12 Prerequisite: none

Credit: .50 Length: 1 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.

Current Events

Level: Grades 11, 12 Prerequisite: World History

Credit: 0.50 Length: 1 semester

Current Events students use the internet to discover what is going on in the world today. We then discuss the effect these events have on us and the world. Students are required to keep a portfolio of events they choose to reflect on as the semester comes to an end.

Spanish I

Level: Grades 9, 10, 11, 12 Prerequisite: none

Credit: 1.0 Length: 2 semesters

This course introduces students to the five components of Spanish: communication, culture, connections, comparisons, and communities. Pronunciation, grammar, and oral comprehension will be emphasized.

A+ Tutoring

Level: Grades 11, 12 Prerequisite: A+ eligible

Credit: 1.0 Length: 2 semesters

Students will assist elementary or middle school students in their learning under the direction of a classroom teacher.

Drama

Level: Grade 10, 11, 12 Prerequisite: Eng I

Credit: .50 Length: 1 semester

This course is designed to introduce students to the various elements of the theatre. Students will examine and study the role that acting, directing, sound, lights, set,

costumes, make-up, and publicity play in the creation of a production. Students will have the opportunity to view and analyze one stage production during the semester. Students will also learn the basic approach to working comfortably on the stage, through warm-ups, monologues, scene work and improvisation. Basic techniques of movement, voice projection, character development, and performance will be taught.

Journalism

Level: Grade 10, 11, 12 Prerequisite: Eng I
Credit: .50 Length: 1 semester

Students are introduced to the historical importance of journalism in the United States. They study the basic principles and ethical philosophies of print and online journalism as they examine the role of printed news media in our society. They learn investigative skills, responsible reporting, and journalistic writing techniques as they read, respond to, and write their own news and feature articles. Students will conduct interviews, research, write, and design their own publications. Students will also learn the impact social media has on media at large.

Novels/Short Stories

Level: Grade 10, 11, 12 Prerequisite: Eng I
Credit: .50 Length: 1 semester

Students will read and analyze short stories and novels from a variety of genres, time periods, and cultures. They will write comparative essays and also discuss symbolism and how literature is a direct reflection of the time period in which it was written. Students will also read at least 2 novels of their choosing, independently, then construct an analysis of that novel, presenting their opinion to the class.

Creative Writing

Level: Grade 10, 11, 12 Prerequisite: Eng I

Credit: .50 Length: 1 semester
Any writing, fiction or non-fiction that will use the Creative Writing Process. This class will utilize a variety of Writer's Workshops, meaning that there will be a lot of peer reviews. This class should hone the students' abilities to clearly express their thoughts. Forms of creative writing that will be observed and practiced include: short stories, personal narratives, poetry, dramatic writings, and themed writings.

Mythology

Level: Grade 10, 11, 12 Prerequisite: Eng I
Credit: .50 Length: 1 semester

Mythology will focus on myths, mythologies and folklore from around the world. It will explore different theories of the cultural meanings and functions of myth, past and present. It will also introduce various ways of interpreting and experiencing myth and folklore as texts with oral origins.

ACT Prep

Level: Grades 11, 12 Prerequisite: none
Credit: 0.5 Length: 1 semester

The ACT Prep class is designed to familiarize juniors and seniors with the test required for admission by many universities. Well-prepared students are more likely to score higher on the ACT, which may increase their chances of receiving scholarships and enable them to have more options when selecting a college. Students will learn test-taking strategies, review English, math, and science content, take practice tests and discover ways to reduce test anxiety.

Eldon Career Center (Vo-Tech)

Level: Grades 11, 12 Prerequisite: varies dependant upon program selected
Credit: 3.0 Length: 2 semesters

See the ECC website for detailed information on each course: <http://eldonmustangs.org/eldon-career-center/>

- ***Agriculture***
- ***Automotive Technology***
- ***Building Trades***
- ***Business***
- ***Computer Information Systems***

- *Digital Media*
- *Drafting*
- *Education*
- *Graphic Communications*
- *Health Occupations*
- *Law Enforcement*
- *Marketing*
- *Power Sports Technology*

LAUNCH Program

LAUNCH is a program that students can take for credit recovery or credit acquisition. They can use these credits towards graduation. Students may take these classes on campus or off campus. Acceptance into the off campus LAUNCH program will be based on attendance, grades, or medical etc. <https://fueledbylaunch.com/courses/>