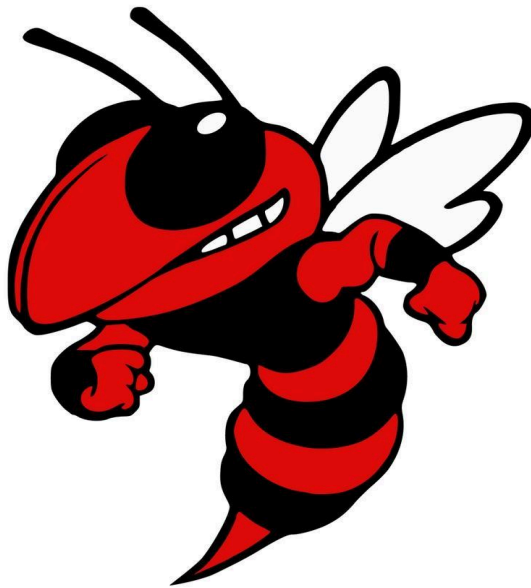


CRYSTAL CITY HIGH SCHOOL



2025 - 2026 ACADEMIC PLANNING GUIDE

Course Description Book

** This is a working document and is in no way a legally binding document.*

Dear Parents/Guardians:

As your son or daughter makes course selections for the coming school year, it is vital that you review their choices. Crystal City High School is continuing to improve its course offerings and provide the best possible preparation for students for career choices after high school. You will find in the Academic Planning Guide useful resources for guiding your decision making process.

Your involvement as a parent in this course selection process is vital and we encourage you to review carefully your student's course selections. Parents/guardians will have to give approval to the student's course selections each year on his or her ICAP when I meet with students in March. Parents/guardians are required to sign off on the approval of their course selection and ICAP information. **Course selections should be carefully made because changes in student requests or schedules will be difficult to accommodate after the pre-enrollment process.**

Sincerely,
Shanna Meyer

Crystal City High School
1100 Mississippi Avenue
Crystal City, MO 63019

636-937-4411 Ext 1108
meyers@crystal.k12.mo.us

GENERAL INFORMATION

Unit of Credit

One unit of credit is earned for successfully completing two semesters of work. Courses meeting daily for one semester earn one-half (0.5) credit.

Required Course

A course which is required by either the State Department of Education or Crystal City High School for graduation; required coursework that is failed will be made up in summer school or the following semester.

Elective

A course which a student chooses to take, but is not specifically required for graduation. Once a student has met the credit requirements for specific subject areas, any additional credits taken in those areas will count as elective credits.

Prerequisite

A course that must be successfully completed before another related course may be taken. For example: Algebra I must be passed before Geometry can be taken.

Grade Point Average (GPA)

The student's grade point average will be figured on the basis of semester grades in all subjects. No term grades will be used to determine GPA. Letter grades will be given in the following values and then averaged to determine GPA: A = 4 points; B = 3 points; C = 2 points; D = 1 point; F = 0 points.

Dual Credit/Enrollment Weighted GPA

Dual Credit/Enrollment courses are classes that are more challenging than the basic curriculum. Therefore, these courses receive weighted grades; A = 5 points; B = 4 points; C = 3 points; D = 2 points; F = 0 points.

Athletic/ MSHSAA Activities Eligibility

A student who intends to participate in ANY sports and/or ANY interscholastic contests such as marching band and football must meet the following requirements: The student must be currently enrolled in courses that offer at least 3.0 units of credit and must have earned at least 3.0 units of credit the previous semester.

Transcript

A transcript is an official record of a student's semester grades and standardized test scores. The school must have written permission of the student or his/her parents to send copies of transcripts. Please send any requests to the counseling office.

Individual Career and Academic Plan

All CCHS students will complete their ICAP, which will help to plan for the future. Every year during pre-enrollment, which typically is in September students will make modifications to their ICAP as needed. The counselor will meet with students in March to review the upcoming years' classes. Parents will have to give approval to the class selection and verify their child's ICAP with a signature after the March meeting.

Dual College Credit/Enrollment

In cooperation with Jefferson College, Southeast Missouri State University and University of Missouri – St. Louis, students enrolling in designated classes during the normal school day can receive both high school and college credit. The following courses are offered at the high school for college credit:

English Composition I	3 college credit hours	SEMO
English Composition II	3 college credit hours	SEMO
United States History I	3 college credit hours	SEMO
United States History II	3 college credit hours	SEMO
College Statistics	3 college credit hours	UMSL
College Precalculus	5 college credit hours	UMSL
College Calculus	5 college credit hours	UMSL
College Psychology	3 college credit hours	SEMO
College Sociology	3 college credit hours	SEMO
Online Electives	3 college credit hours	Jefferson College

CRYSTAL CITY PUBLIC SCHOOLS

1100 Mississippi Avenue , Crystal City MO 63019

Dual Credit/Enrollment Agreement Form for the 2025 - 26 School Year

Students enrolled in dual credit/enrollment courses through Jefferson College have an outstanding opportunity to earn high school credit and college credit without the customary costs to the family. The district will pay two-thirds of the tuition, and Jefferson College will cover the remaining one-third. Additionally, the school district will pay for any required textbooks.

However, if the student fails to earn at least a “C”, the student and their family will be asked to pay one-third of the course cost. For example, a 3-credit course will cost the student \$75, as dual credit courses are \$75 per credit hour. In this case, the school district and Jefferson College each pay \$75, totaling \$225.

The initial cost will be paid by the district. Benevolence funds may be available upon request for families who seek dual enrollment support.

If a student withdraws/fails the course then the following will occur:

- Students must fill out a drop form with the counselor at the high school (Mrs. Meyer).
- Students will pay the district for the cost of the book and/or eBook if it can't be returned. (Cost may be \$50-\$225.00) **Initial here; Student _____ Parent _____**
- The student will be required to take another course (if within the first week of classes that semester and the student is responsible to make up work missed) or they will take a course through the online Educere program as agreed upon by the student and administration. Students are expected to complete the requirements by the assigned course as designated by the administration with credit awarded. If the student fails this course, the cost will be deferred to the parent and student. Cost of classes through Educere can range from \$199 - \$549).
- If the student does not withdraw by the deadline to receive a full refund, then the student and guardian will pay **two-thirds** of the cost of the course, which would be the cost for the student **AND** the district one-third.
- If the student **fails to earn a passing grade**, the student and guardian are obligated to **repay all district expenses** for tuition, books, and fees.

Important Notes:

- Grades earned in dual credit courses **will affect your A+ Scholarship eligibility** and your high school GPA.
- Unsatisfactory grades may impact your eligibility for **MSHSSA activities** (athletics, band, choir, etc.)
- It is the student's responsibility to confirm whether the course credits will be accepted by the college they plan to attend.

Please sign below stating that you **agree** with the terms and conditions of enrolling in a dual enrollment course for the 25-26 school year.

Student Name _____

Parent/guardian signature

Date

Student signature

Date

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Graduation Requirements

<u>Minimum Requirements</u>	<u>College Prep Requirements</u>
Communication Arts - 4	Communication Arts - 4
Social Studies - 3 (must include .5 credit of American Government and 1 credit of American History)	Social Studies - 3 (must include .5 credit of American Government and 1 credit of American History)
Math - 3	Math - 4
Science - 3	Science - 3
Practical Arts - 1	Practical Arts - 1
Fine Arts - 1	Fine Arts - 1
Physical Education - 1	Physical Education - 1
Health - .5	Health - .5
Personal Finance - .5	Personal Finance - .5
Electives - 7	Foreign Language - 2 (or further credits from the core academic or fine arts area)
	Electives - 4
Total Credits 24	Total Credits 24

Plus:

1. Earn a 3.0 GPA in the core areas
2. Score above the national average on the ACT (21) or SAT
3. Foreign Language credits will only count if they are of the same language.

COMMUNICATION ARTS

Graduation Department - CA

Course Name: Language Arts I (Minimum and College Prep Requirement)



Grade Level: 9

Prerequisites: None

Credit: 1 unit

Course Description: LAI will focus on the appreciation of the four genres in literature: fiction, nonfiction, poetry, and drama. Students will be required to recognize the elements of each genre in project based evaluations and will write narrative, expository, and persuasive essays. Vocabulary and grammar development will be taught, as well.

Course Name: Language Arts II (Minimum and College Prep Requirement)



Grade Level: 10

Prerequisites: LAI

Credit: 1 unit

Course Description: Language Arts II extends the language arts skill and concepts learned and applied in Language Arts I. Grammar study moves into more sophisticated structures with the intent that students utilize these structures in their writing. Literature expands their view of the world through nonfiction works, short stories, poetry and drama with students asked to analyze readings as well as look for content and terminology. Students are also introduced to writing research papers and citing their resources using MLA format.

Course Name: Language Arts III (Minimum and College Prep Requirement)



Grade Level: 11

Prerequisites: Language Arts I & II

Credit: 1 unit

Course Description: Language Arts III is an overview of American literature from its beginnings to the present. Students will read, discuss, and interpret selections from different periods of American literature and learn how literature has reflected changes in society. The study of grammar will primarily review the skills students will need to be successful on the ACT test. Writing assignments will include essays and a research paper.

Course Name: Senior English



Grade Level: 12

Prerequisites: Language Arts I, II, & III

Credit: 1 unit

Course Description: This course combines writing through various types of literature and technical writing. Reading, classroom discussion, and writing are large parts of this course. All genres will be covered. Evaluation will include a senior portfolio.

Course Name: College English (College Prep Requirement)

Grade Level: 12

Prerequisite(s): Language Arts I, II, & III

Students must meet dual enrollment requirements and registration form through Southeast Missouri State University.

Credit: 1 unit

Course Description: In this course you can earn 3 hours of college credit per semester through Southeast Missouri State University.

Course Name: Creative Writing

Grade Level: 11-12

Prerequisites: C average minimum in LAI and LAII preferred

Credit: 1 unit

Course Description: This is an elective course designed for students who have a genuine interest in creative writing. Students in this course will read and evaluate different types of creative writing, then compose their own poems, short stories, and scripts. Students will be required to write and revise in class on a daily basis and keep their own creative writing journals. The course will include peer editing and oral presentation of written work. In addition, students will be required to prepare manuscripts and submit their original works for possible publication. Offered during odd years.

Course Name: British Literature

Grade Level: 11-12

Prerequisites: C average minimum in LAI and LAII preferred

Credit: .5 unit

Course Description: This is an elective course that focuses on classic and contemporary British literature. Activities will include reading poems, short stories, plays, and excerpts from novels written by British authors. At least two of William Shakespeare's plays will also be included. Writing assignments will include literary criticism and responses to selections we have read in class. The Accelerated Reader tests students take for this course will be limited to books by British authors. Offered during even years.

Course Name: World Literature

Grade Level: 11-12

Prerequisites: C average minimum in LAI and LAII preferred

Credit: .5 unit

Course Description: In Level V, the units focus on world literature to broaden high school students' literary landscape. The units begin with an investigation of culture, working towards a definition and an understanding of commonalities and differences among human cultures as represented in literature, media, and nonfiction from around the world. Students read widely and deeply and are asked to write about and research ways cultures communicate and conflicts that sometimes arise between cultures. Offered during even years.

Course Name: Film Appreciation

Grade Level: 11-12

Prerequisites: B average minimum in LA I and LA II

Credit: 1 unit

Course Description: In this course students will explore film as both an art form and historically significant form of entertainment. Students will view and are exposed to films from throughout the medium's history; specific genres will be discussed including silent, musical, crime, noir, sci-fi/fantasy, war, and horror. A retrospective of Alfred Hitchcock and Steven Spielberg will also be part of the course. Students will be required to view the films in a critical fashion, and write essays covering their views on aesthetic techniques.

Course Name: Satire and Humor

Grade Level: 11-12

Prerequisites: LAI and LAII

Credit: 1 unit

Course Description: Satire and Humor is a two semester survey of American television and motion picture contributions to comedy. Students view and are exposed to the comedic references in twenty to thirty movies and TV shows per semester. Emphasis is placed on the definition and practice of satire and how it differs from other comedic genres. The course spans the time period beginning with Charlie Chaplin and *The Gold Rush* ending with contemporary comics such as Zooey Deschanel. First semester ends with an examination of Christmas comedies and, at the beginning and end of the school year, attention is given to high school themed comedies such as *Billy Madison*. Students are encouraged to suggest movies and TV shows for study, and, with instructor approval, those works are included.

MATHEMATICS

Graduation Department – MA

Course Name: Algebra I (Minimum and College Prep Requirement)



Grade Level: 9

Prerequisite(s): Successful completion of Integrated Mathematics I.

Credit: 1 unit

Course Description: Algebra I is the incremental study of variables, properties of operations with real numbers, and rational and irrational expressions. The focus of this course is on finding solutions, graphing, and solving systems of linear equations and inequalities. Additional emphasis is placed on the manipulation of algebraic operations, polynomials, quadratic and exponential functions.

Course Name: College Algebra (College Prep Requirement)



Grade Level: 10-12

Prerequisite(s): Successful completion of Algebra I and Algebra II as well as dual enrollment requirements. 3.0 GPA and 23 on the Math portion of the ACT or 66 on the Jefferson College COMPASS test)

Credit: 1 unit

College Credits: 3 hours through University of Missouri – St. Louis

Course Description: This is a college-level class offered as a dual enrollment class in cooperation University of Missouri – St. Louis. It is offered to College bound students for both high school and college credit. This course covers topics including algebra and probability, polynomial functions, the binomial theorem, logarithms, exponentials, and solutions to systems of equations.

NOTE: We do not offer this course unless there is a specific educational need. Instead we offer Pre Calculus as it meets the requirements of more colleges and universities.

Course Name: PreCalculus (College Prep Requirement)



Grade Level: 10-12

Prerequisite(s): Successful completion of Algebra I and Algebra II as well as dual enrollment requirements. 3.0 GPA and 23 on the Math portion of the ACT or 66 on the Jefferson College COMPASS test)

Credit: 1 unit

College Credits: 5 hours through University of Missouri – St. Louis

Course Description: This is a college-level class offered as a dual enrollment class in cooperation University of Missouri – St. Louis. It is offered to College bound students for both high school and college credit. This course covers topics including factoring, simplifying rational functions, functions and their graphs, solving linear and nonlinear equations, polynomial functions, inverse functions, the binomial theorem, logarithms, exponentials, solutions to systems of equations using matrices, solutions to nonlinear systems of equations, and sequences. Students will also study trigonometric and inverse trigonometric functions with emphasis on trigonometric identities and equations.

**Course Name: Calculus I****Grade Level:** 11-12**Prerequisite(s):** Algebra I, Algebra II, and Pre Calculus (grade of “C” or better)**Credit:** 1 unit**College Credits:** 5 hours through University of Missouri – St. Louis

Course Description: This is a college-level class offered as a dual enrollment class in cooperation University of Missouri – St. Louis. It is offered to College bound students for both high school and college credit. Topics include limits, derivatives, related rates, Newton's method, the Mean-Value Theorem, Max-Min problems, the integral, the Fundamental Theorem of Integral Calculus, areas, volumes, and average values.

**Course Name: Calculus II****Grade Level:** 12**Prerequisite(s):** Calculus I (grade of “B” or better)**Credit:** 1 unit**College Credits:** 5 hours through University of Missouri – St. Louis

Course Description: This is a college-level class offered as a dual enrollment class in cooperation University of Missouri – St. Louis. It is offered to College bound students for both high school and college credit. Topics include conic sections, rotation of axes, polar coordinates, exponential and logarithmic functions, inverse (trigonometric) functions, integration techniques, applications of integral (including mass, moments, arc length, and hydrostatic pressure), parametric equations, infinite series, power and Taylor series.

**Course Name: Calculus III****Grade Level:** 12**Prerequisite(s):** Calculus II (grade of “B” or better)**Credit:** 1 unit**College Credits:** 5 hours through University of Missouri – St. Louis

Course Description: This is a college-level class offered as a dual enrollment class in cooperation University of Missouri – St. Louis. It is offered to College bound students for both high school and college credit. Topics include vectors, cylindrical and spherical coordinates, vector-valued functions, arc length and curvature, functions of several variables, partial and directional derivatives, gradients, extrema, Lagrange multipliers, multiple integrals, change of variables, surface area, vector fields, Stokes' Theorem.

**Course Name: Geometry (Minimum and College Prep Requirement)****Grade Level:** 9-12**Prerequisite(s):** Successful completion of Algebra I.**Credit:** 1 unit

Course Description: This course covers plane geometric figures (and some solids) and their spatial relationships. The development of logical reasoning is emphasized, especially through the use of proof by deductive reasoning. Major topics covered are parallel and perpendicular lines and planes, triangles, quadrilaterals, polygons, area, volume, coordinate systems, circles, and compass-straightedge constructions.



Course Name: Algebra II (College Prep Requirement)

Grade Level: 10-12

Prerequisite(s): Successful completion of Algebra I.

Credit: 1 unit

Course Description: Algebra II is the incremental study of polynomials; dividing and factoring, rational expressions, rational exponents: quadratic functions; completing the square, graphing parabolas, the quadratic formula: polynomial functions; graphing, the remainder theorem, the rational roots theorem.



Course Name: College Statistics (College Prep Requirement)

Grade Level: 11-12

Prerequisite(s): Completion of Algebra I and Algebra II

Credit: 1/2 unit

College Credits: 3 hours through University of Missouri – St. Louis

Course Description: This is a college-level class offered as a dual enrollment class in cooperation University of Missouri – St. Louis. It is offered to College bound students for both high school and college credit. The course will cover basic concepts and methods in probability and statistics. Topics include descriptive statistics, probabilities of events, random variables and their distributions, sampling distributions, estimation of population parameters, confidence intervals and hypothesis testing for population means and population proportions, chi-square tests.



Course Name: Statistics

Grade Level: 11-12

Prerequisite(s): Completion of Algebra I and Algebra II

Credit: 1/2 unit

Course Description: This course provides a solid background in probability and statistics that can be used as the basis for data analysis and decision making. The focus of this course is on the collection, analysis, and representation of data. Conclusions regarding data will be hypothesized and mathematically tested to determine their significance.

Course Name: College Business Technology

Grade Level: 10-12

Prerequisite(s): Must have 3.0 gpa or higher

Credit: 1 unit

OPTIONAL College Credits: 3 hours through Southeast Missouri State University

Course Description: Students will choose what topics they will learn during the year.

For College Credit: Fundamental of Windows-based integrated business applications, with an emphasis on office productivity applications (word processing, spreadsheets, databases and presentations) and pick two objective options below

For Non College Credit: Students will choose 1 Presentation or Production event and 2 Objective tests as their study focus from the list of Future Business Leaders of America competitions. There are over 30 topics that include but are not limited to: Accounting, Business Law, Cyber Security, Economics, Journalism, UX Design, Public Speaking, and Coding and Programming.

Course Name: Math Lab

Grade Level: 9-12

Prerequisite(s):

Credit: 1 unit

Course Description: A course where students will get extra tutoring in their current math subject and reinforce old math skills to cover any concepts that were not learned in the past.

SCIENCE
Graduation Department – SC

Course Name: Physical Science (Minimum and College Prep Requirement)



Grade Level: 9

Prerequisite(s): none

Credit: 1 unit

Course Description: Introductory course required of all high school students. This course covers the basic laws of physics and chemistry with use of appropriate math skills. Demonstrations and lab experiments are used to investigate these concepts.

Course Name: Biology (Minimum and College Prep Requirement)



Grade Level: 10

Prerequisite(s): Physical Science

Credit: 1 unit

Course Description: Topics covered are biochemistry, microbiology, heredity, anatomy, physiology, ecology, and the theory of species development.

Course Name: Chemistry (Minimum and College Prep Requirement)



Grade Level: 11-12

Prerequisite(s): Biology and Algebra I

Credit: 1 unit

Course Description: A study using classroom and laboratory skills to investigate the nature of matter. Mathematical understanding of these processes is vitally important and requires excellent understanding of number manipulation. Topics include: properties of elements, chemical bonds, stoichiometry, thermochemistry, chemical periodicity and forensic chemistry.

Course Name: Environmental Science



Grade Level: 10-12

Prerequisite(s): Physical Science

Credit: ½ unit

Course Description: This course provides a physical foundation for earth science by introducing students to the basic principles of geology, atmospheric science and basic astronomy and oceanography concepts. The students will acquire an understanding of global change over varying time scales and a context in which to evaluate the effects of life and society on the environment.

Course Name: Conceptual Physics

Grade Level: 12

Prerequisite(s): Approval of instructor – limited enrollment.

Credit: ½ unit

Course Description: A study of the use of the scientific method to describe matter, space, time, kinematics, forces and Newton's Laws through the study of rocketry. Emphasis is placed on the understanding and application of physical principles. Students will participate in a National Rocket Contest.

Course Name: Zoology

Grade Level: 11-12

Prerequisite(s): Biology

Credit: ½ unit

Course Description: A survey of the animal kingdom and the development of physiological and anatomical systems as well as the study of animal behavior. Dissections are required.

Course Name: Anatomy and Physiology



Grade Level: 11 and 12

Prerequisite(s): Biology with a C or better is a prerequisite

Credit: ½ unit

Course Description: A course for students preparing to enter either a technical health-care profession or college bound science concentration. This is the study of the structure and function of vertebrate life systems. Dissections are required. Cadaver field trip is required.

SOCIAL STUDIES
Graduation Department – SS

Course Name: **American History** (Minimum and College Prep Requirement)



Grade Level: 9

Prerequisite(s): none

Credit: 1 unit

Course Description: This course will examine the economic, political, diplomatic, and social developments of the United States since Reconstruction. Specific topics to be covered: Reconstruction, The Gilded Age, The Progressive Era, World War I, The Great Depression, World War II, The Cold War Era, The Korean War, The Civil Rights Movement, The Vietnam War, the collapse of Soviet Communism and U.S. relations, the Gulf War, and current events affecting future United States foreign and domestic relations.

Course Name: **World History** (College Prep Requirement)



Grade Level: 10

Prerequisite(s): none

Credit: 1 unit

Course Description: World History covers human progress, conflict, and creative expression from the earliest empires of Africa and Asia, through the ancient and medieval eras, to the emergence of modern nations-states and the development of industrial societies, concluding with an examination of the modern world. This year-long course outlines the political, social, economic, geographic, and cultural context of civilization from its origins to the present.

Course Name: **American Government** (Minimum and College Prep Requirement)



Grade Level: 11

Prerequisite(s): none

Credit: 1 unit

Course Description: This course will focus on American Government: its foundations, the United States Constitution, political parties, elections, citizenship, three branches of government, federalism, economics, economic systems, civil rights, and many other aspects of American Government. This is a year-long course in which students will be required to pass the United States Constitution Test to meet state requirements for graduation.

Course Name: **College Psychology**



Grade Level: 11-12

Prerequisite(s): Must have a 3.0 gpa or higher

Credit: ½ unit (first semester)

Course Description: Psychology is a semester-long social studies elective course for juniors and seniors. It is an introduction to the scientific study of human behavior. Introduction to the field of psychology. Includes perception, learning, memory, motivation, emotion, intelligence, personality, human development, psychopathology and social behavior. 3 college credit hours through Southeast Missouri State University. MOTR PSYC 100.



Course Name: College Sociology

Grade Level: 11-12

Prerequisite(s): Must have a 3.0 gpa or higher

Credit: ½ unit (second semester)

Course Description: Sociology is a semester-long social studies elective course for juniors and seniors. Discusses socialization, social organizations, social institutions, inequality, group dynamics, social class, culture, power and social structure. 3 college credit hours through Southeast Missouri State University. MOTR SOCI 100.



Course Name: College American History I

Grade Level: 11- 12

Prerequisite(s): Must have a 3.0 gpa or higher

Credit: ½ unit (first semester)

Course Description: A study of the history of the United States from the colonial beginnings to 1877. 3 college credits through Southeast Missouri State University. MOTR HIST 101.



Course Name: College American History II

Grade Level: 11- 12

Prerequisite(s): Must have a 3.0 gpa or higher

Credit: ½ unit (second semester)

Course Description: A study of the history of the United States from 1877 to the present. 3 college credits through Southeast Missouri State University. MOTR HIST 101.

ART

Graduation Department – FA

Course Name: Art I

Grade Level: 9-12

Prerequisite(s): none

Credit: 1 unit

Course Description: This course is designed to introduce students to the visual arts. The course will include basic elements and principles of design with emphasis on drawing. Students will use a variety of materials to communicate their ideas in visual art form. Students are required to turn in a sketchbook throughout the year.

Course Name: Advanced Art - Art II, III, IV

Grade Level: 10-12

Prerequisite(s): Art I; grade B required and recommendation of the art instructor.

Credit: 1 unit

Course Description: Advanced art is for the serious art student who wants to continue developing his/her skills in visual art. Students will discover more about art history and learn about contemporary art. Class discussions will involve criticism and aesthetics. Students will concentrate on improving drawing skills using such media as pencil, ink and pastels. The second semester focuses on color and the use of acrylic paint. The third and fourth year art students work more independently on developing individual style and ideas.

This class participates in art shows throughout the year and a trip to the art museum. Students are required to turn in a sketchbook throughout the year.

Course Name: Yearbook

Grade Level: 9-12

Prerequisite(s): Application process in spring.

Credit: 1 unit

Course Description: This course is designed to allow students to produce the school's yearbook. Advanced skills will be taught in InDesign and Adobe PhotoShop. Responsibilities include, but are not limited to, after school photography assignments, required ad sales, and deadline meetings.

MUSIC

Graduation Department – FA

Course Name: Music Technology

Grade Level: 9-12

Credit: 1

Course Description: Music Technology is a class designed to offer opportunities for students to develop a general understanding of music theory, composition, music software, music production, and general multimedia techniques. Students will practice creatively expressing musical thoughts and ideas through technology.

Course Name: Concert Choir

Grade Level: 9-12

Prerequisite(s): Each student must pass an audition in the Spring Semester prior to placement in Concert Choir.

Credit: 1

Course Description: Concert Choir is a performing organization oriented toward the reinforcement of vocal techniques through a wide spectrum of choral music. This program can prepare students for a career or vocation at the college/university level. The course also equips students with life-long skills allowing them to participate in recreational and service activities throughout their adult lives. This course builds upon previously acquired skills in the areas of basic theory, vocal techniques, and ear training. Concerts during the year include the annual winter and Spring Concerts, District Contest, plus numerous other performances throughout the year. *Spring Choir trip to Worlds of Fun is student funded.*

Course Name: Intermediate Choir

Grade Level: 9-12

Credit: 1

Course Description: Intermediate choir is a non-auditioned performance class meant for beginners, or those with little or no music experience. Students will learn vocal techniques, basic music theory skills for score reading, and study and perform mixed chorus literature. This class gives students foundational knowledge of music and can help propel them into more advanced music classes, such as Concert Choir. Singing is also a life skill that can be translated into adulthood, such as in a community choir or for leisure. Performances for the intermediate choir include the annual winter and spring concert.

Course Name: Marching / Concert Band

Grade Level: 9-12

Credit: 1

Prerequisite(s): All students must have successfully completed instrumental music in grades 6-8 and be promoted to high school band by the director.

Course Description: Students must attend summer marching band camp as set up by the director and section leaders. Marching band teaches marching fundamentals, drill design and execution, music memorization, self-discipline, team work, etc... Marching band members are expected to attend all performances as part of their grade, including football games, marching festivals, parades, etc... Students are also graded on attendance, classroom participation, discipline, and playing abilities (must show improvement.) The Crystal City Sound performs regularly away from home at area high school marching festivals.

Concert band meets at the same hour as marching band and begins *as soon as Marching Season is over*. Concert band members are expected to attend all scheduled performances (concerts, contests, sectionals, etc.) as part of their grade. Concert band members are also expected to act as Pep Band during the home basketball season. Students are graded on attendance, classroom participation, playing abilities (to show improvement), self-discipline, and rhythm/scale tests *recorded by the student* throughout the year. Students are also responsible for obtaining items the literature calls for i.e. mutes, reeds and have an instrument in proper working order.

BUSINESS
Graduation Department – PA

Course Name: Computer Applications

Grade Level: 9-12

Prerequisite(s): None

Credit: 1 unit

Course Rationale: The area of instruction provides content for knowledge and skills required in the technology-based workplace. The demand will continue to expand for individuals to use computer hardware and software to create documents, gather information, and solve problems. This class is vital for students planning to enter the workforce or postsecondary education.

Course Description: This course is designed to help students master beginning and advanced skills in the areas of work processing, database management, spreadsheet applications, desktop publishing, multimedia, Internet usage, and integrated software applications.

Course Name: Personal Finance (Minimum and College Prep Requirement)

Grade Level: 10-12

Prerequisite(s): none

Credit: 1/2 unit

Course Rationale: Financial literacy is essential in meeting the financial challenges of the 21st Century. The competencies which form the basis for this semester course enable students to analyze their personal financial decisions, evaluate the costs and benefits of their decisions, recognize their rights and responsibilities as consumers, and apply the knowledge learned in school to make financial decisions.

Course Description: 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.

Course Name: College Introduction to Computer Applications

Grade Level: 10-12

Prerequisite(s): Must have 3.0 gpa or higher

Credit: 1 unit

Course Description: Fundamental of Windows-based integrated business applications, with an emphasis on office productivity applications (word processing, spreadsheets, databases and presentations) 3 college credit hours through Southeast Missouri State University.

INDUSTRIAL TECHNOLOGY

Graduation Department - PA

Course Name: Industrial Technology

Grade Level: 9-12

Prerequisite(s): none

Credit: 1 unit

Dress Code: Closed toe shoes / no sandals

Course Description: Industrial Technology is an introduction to the industrial world. Students will explore mechanical drawing, woodworking, metal working, and plastic working. Required and independent projects are made in each area.

Course Name: Woodworking

Grade Level: 10-12

Prerequisite(s): Industrial Technology

Credit: 1 unit

Dress Code: Closed toe shoes / no sandals

Course Description: Students will utilize power tools and knowledge of furniture construction to complete projects, one of which is required and assigned by the instructor.

Course Name: Advanced Woodworking

Grade Level: 11-12

Prerequisite(s): Must have B or higher in Woodworking and instructor's approval

Credit: 1 unit

Dress Code: Closed toe shoes / no sandals

Course Description: Students will expand woodworking knowledge by completing woodworking projects that will be selected by students.

Course Name: Home Maintenance

Grade Level: 10-12

Prerequisite(s): Industrial Technology

Credit: 1 unit

Course Description: This course provides students with an opportunity to explore the many different areas in construction that relate to home maintenance and repair. Students will develop advanced problem-solving skills as they relate to home repair and essential life skills that will help make them self-reliant in maintaining or updating a residential structure. Students will also learn and practice many different home repair procedures and techniques. Students will have the opportunity to apply construction techniques in a hands-on manner.

PHYSICAL EDUCATION / HEALTH

Graduation Department – PE / HE

Course Name: Weight Lifting**Grade Level:** 9-12**Prerequisite(s):** none**Credit:** 1 unit

Course Description: Students will be instructed in proper weight lifting techniques and safety. Students will be given a well designed lifting program to enhance each individual's needs. The use of computer based workout programs will be available for students to use. Both machine and free weight equipment will be utilized.

Course Name: Lifetime Sports**Grade Level:** 11-12**Prerequisite(s):** 1 unit of Physical Education/Health**Credit:** 1 unit

Course Description: Students will be participating in various activities geared toward lifetime sports that would enhance physical activity beyond the school years. It is important that proper understanding and knowledge of how each sport is played, as well as, its rules for participation become common knowledge to each individual.

Course Name: Physical Education**Grade Level:** 9-10**Prerequisite(s):** none**Credit:** 1 unit

Course Description: Two physical education units will be offered for those entering grades 9 and 10. Each unit will cover various individual and dual sports throughout the years.

Course Name: Health (Minimum and College Prep Requirement)**Grade Level:** 9**Prerequisite(s):** none**Credit:** 1/2 unit

Course Description: The emphasis of this class will be on one's physical, mental, and social health. Today's young people face a multitude of potential health problems related to alcohol and drugs, communicable diseases including AIDS, pregnancy, poor physical fitness, poor nutrition, and mental health. This health class will provide knowledge in these areas of health and help the students make responsible choices and decisions about their personal health in everyday life.

Course Name: Aerobics**Grade Level:** 10-12**Prerequisite(s):** none**Credit:** 1 unit

Course Description: Students will be involved in various activities, such as weight training, kettlebells, medicine balls and circuit routines. Students will also walk various routes through Crystal City. This course will emphasize body toning and fitness.

MISCELLANEOUS
Graduation Department – EL



Course Name: Spanish I

Grade Level: 9-12

Prerequisite(s): preferably C average in English

Credit: 1 unit

Course Description: The goal of this course is to help students develop proficiency in the four language skills of listening, speaking, reading and writing. The course will focus on using basic Spanish/French in everyday settings. There will be a strong emphasis on communication based on the interests of young people within the context of Spanish-speaking/French culture.



Course Name: Spanish II

Grade Level: 10-12

Prerequisite(s): 1 year of the target language with an average of C or better

Credit: 1 unit

Course Description: In this course emphasis will be placed on developing meaningful conversational exchanges. Students will continue to study Spanish-speaking culture as well as expand vocabulary and learn more complex grammatical structures. Students will have practice with various multimedia to increase reading and listening skills.

Course Name: Cadet Teaching

Grade Level: 12

Prerequisite(s): Seniors must be eligible for A+ in order to take this course

Credit: 0 unit

Course Description: In this course students will be helping K – 10th grade students with their academic work in the classroom. Students will serve as tutors in various curricular areas. In addition, the student will learn strategies that can be used successfully in the classroom to increase student learning and motivation.

Career Paths and Clusters

Students are encouraged to pick a career path and career cluster for their future during high school. There are 6 Career Paths and 13 Career Clusters that fall within the Career Paths. Identifying a Career Path and cluster will help students narrow their academic and educational plans with a future focus.

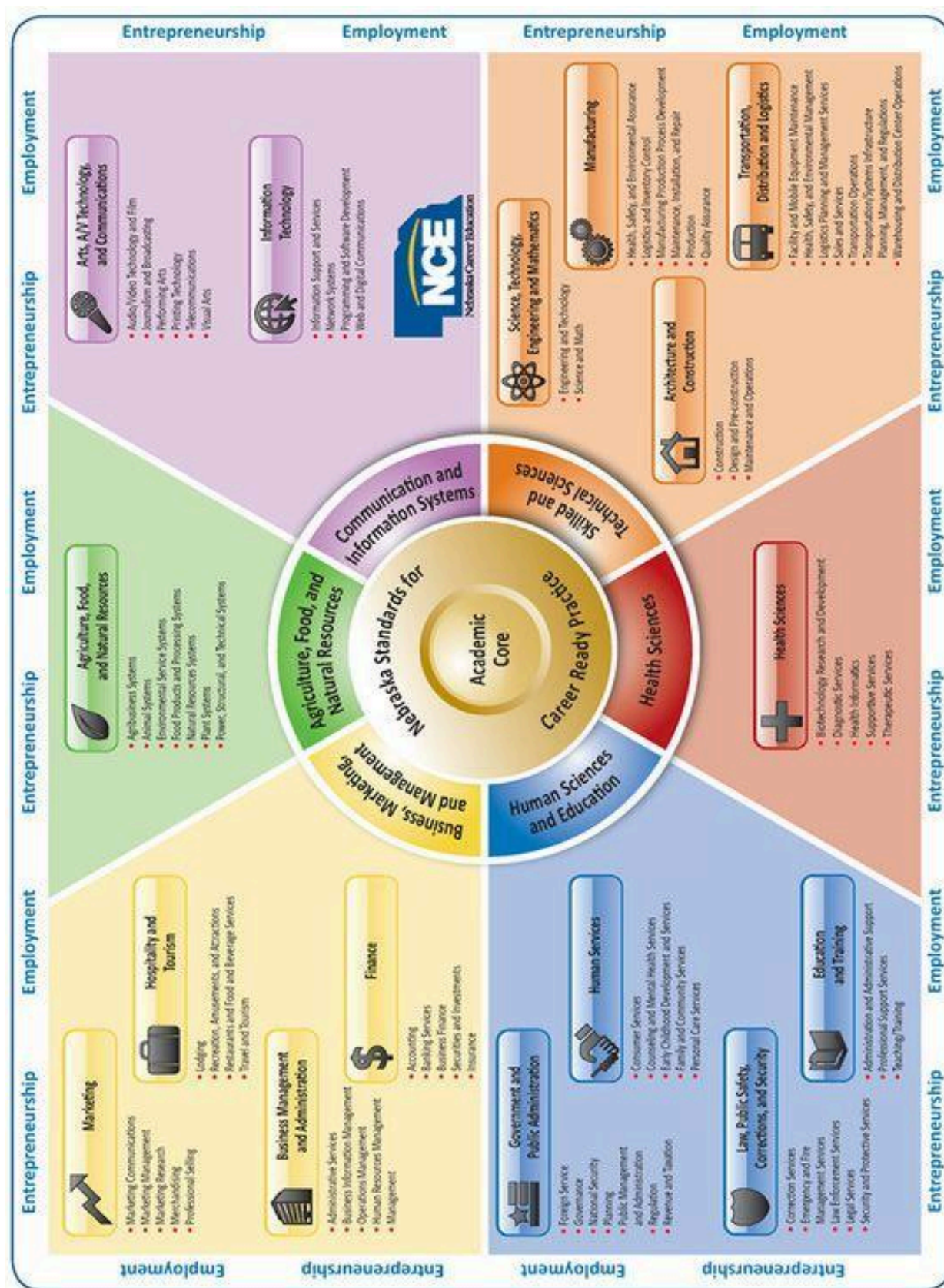
Career Paths:

- Health Services
 - Health Path
- Industrial Engineering & Technology
 - Building & Fixing Path
- Human Services
 - Helping Path
- Natural Resources Agriculture
 - Nature Path
- Business, Management & Technology
 - Business Path
- Arts & Communication
 - Creative Path

Career Clusters:

- Health Science
- Manufacturing
- Transportation, Distribution & Logistics
- Science, Technology, Engineering & Mathematics
- Architecture & Construction
- Human Services
- Hospitality & Tourism
- Government & Public Administration
- Law, Public Safety, Corrections & Security
- Education & Training
- Agriculture, Food and Natural Resources
- Information Technology
- Business, Management & Administration
- Marketing
- Finance
- Arts, A/V Technology and Communications

+ Missouri Career Clusters



Career Pathways/Clusters Crosswalk

Arts and Communications (Artistic “Creators”)

Clusters: Arts, Audio/Visual Technology & Communications

Occupations Include: Architecture, Interior Design, Creative Writing, Fashion Design, Film, Fine Arts, Graphic Design, Journalism, Languages, Radio, TV, Advertising, Public Relations

Recommended Electives: Computer Applications, Cabinetmaking, Choir, Band, Art I, Art II, Foreign Language, Web Design, and Area Technical School (ATS) programs in Digital Media and Culinary Arts

Clubs & Activities: Speech & Debate, Digital Media (Yearbook), A+ Program

Possible Volunteer Work: Community Theatre, Church choir, Radio/TV station, write for local newspaper, sing National Anthem at events.

Business Management and Technology (Conventional “Organizers”)

Clusters: Information Technology, Finance, and Marketing

Occupations Include: Sales, Entrepreneurship, Marketing, Computers, Finance, Accounting, Personnel, Economics, and Management

Recommended Electives: Computer Applications, Accounting, Marketing, Personal Finance, Multimedia, Web Page Design, Desktop Publishing, Digital Media and Business Management Program at the ATS

Clubs & Activities: FBLA, A+ Program

Possible Volunteer Work: Junior Achievement, Sales projects for clubs, raise money for charitable causes.

Health Services (Investigative/Social “Thinkers/Helpers”)

Clusters: Health Sciences

Occupations Include: Related to the promotion of health and the treatment of disease. Research, Prevention, Treatment, and related Technologies

Recommended Electives: Anatomy/Physiology, AP Biology, Chemistry, Psychology, Computer Applications, Weight Training, Health, Contemporary Issues, Foods I/II, Jefferson College Health Program

Clubs & Activities: A+ Program

Possible Volunteer Work: Hospital volunteer, Red Cross, Donate blood, Food Service Advisory Board member, Nurse/Pharmacist for a day.

Human Services (Social “Helpers”)

Clusters: Education & Training, Government & Public Administration, Hospitality & Tourism, Law/Public Safety/Corrections/Security

Occupations Include: Related to Economic, Political, and Social systems, Education, Government, Law & Law Enforcement, Leisure & Recreation, Military, Religion, Child Care, Social Services and Personal Services

Recommended Electives: Computer Applications, Child Development, Foods I/II, Psychology, American Government, AP Government, Weight Training, Contemporary Issues, AP American History, and Health

Clubs & Activities: Sports, Student Council, Class Officer, A+ Program

Possible Volunteer Work: Work for political campaigns, Day Care, Teacher Aide, YMCA, Scouts, Junior Achievement, A+ Tutor.

**Industrial & Engineering Technology (Realistic/Investigative/Conventional
“Doers/Thinkers/Organizers”)**

**Clusters: Architecture/Construction, Manufacturing, Science/Technology/Engineering/Math,
Transportation, Distribution & Logistics**

Occupations Include: Related to Design, Develop, Install, and Maintain Physical Systems, Engineering, Manufacturing, Construction, Service, and related Technicians

Recommended Electives: Computer Applications, Geometry, Conceptual Physics, Cabinet Making I/II/III, Art I/II, Industrial Arts and Jefferson College programs in Electronics, Computer Aided Drafting, Auto Tech, Machine Tool Tech, Welding, Residential Carpentry, Residential Wiring

Clubs & Activities: Digital Media (Yearbook), A+ Program

Possible Volunteer Work: Maintenance and Repairing Small Appliances, automobiles, or computers.

Natural Resources (Realistic “Doers”)

Clusters: Agriculture, Food, Natural Resources

Occupations Include: Related to Agriculture, Environment, and Natural Resources. Agriculture Science, Environmental Science, Earth Science, Fisheries, Forestry, Horticulture and Wildlife

Recommended Electives: Computer Applications, AP Biology, Chemistry, Foods I/II

Clubs & Activities: Any Outdoor Activities, A+ Program

Possible Volunteer Work: Adopt a Highway or River, Florist, Parks, Botanical Gardens, Zoo, Veterinary, Animal Shelter.

Go to http://www.dese.mo.gov/divcareered/career_clusters.htm for more information on career clusters or schedule an appointment with your guidance counselor.

Jefferson College

Area Technical School

The following are courses at Jefferson College Area Technical School and are available for selected students in the 11th - 12th grades. These programs help prepare students to enter a career field while still in high school.

JEFFERSON COLLEGE AREA TECHNICAL SCHOOL PROGRAM OFFERINGS

Students interested in programs offered by Jefferson College must complete the appropriate application. Applications are available online at <https://www.jeffco.edu/ats/apply>.

High School Level / College Level Career Programs include:

- [Automotive Technology](#)
- [Biomedical Sciences](#)
- [Building Repair Technology](#)
- [Culinary Arts](#)
- [Digital Media Technology](#)
- [Early Childhood and Elementary Education](#)
- [Emergency Medical Technician \(EMT\)](#)
- [Fire Science](#)
- [Health Services](#)
- [HVAC](#)
- [Metal Fabrication](#)
- [Residential Carpentry](#)
- [Welding Technology](#)

Acceptance into the ATS program is competitive. All applications received from county schools are scored and admittance is based on top scores. All tuition is paid for by the school district and is free to the student. There may be additional costs to the student once accepted into a program. Transportation is provided by the district.

For more information on the Area Technical School, visit, www.jeffco.edu/ats or contact Sarah Perry, ATS Recruiter and Placement Coordinator at sperry1@jeffco.edu

Planning Guide for Post-Secondary Education

INTRODUCTION

The following “Planning Guide for Post-Secondary Education” is designed to provide students with introductory information regarding the various processes involved in preparing for post-secondary education, including college entrance examinations, selecting an institution, applying for admission, and applying for aid. The information included in this guide is not intended to appear to be all-inclusive, but rather as a source of information that can assist in these various processes. Students are strongly encouraged to contact their guidance counselor no later than early in their 11th grade year to begin the post-secondary education planning process.

COLLEGE ADMISSIONS TESTS

What is the Purpose of College Admissions Tests?

Colleges accept students from high schools throughout the nation, as well as foreign countries. Each high school has adopted a unique curriculum and standard of grading. As a result, the same course or the same grade may not indicate the same level of achievement when comparing students from different high schools. In part, college admissions examinations make it possible for colleges to compare and evaluate prospective students.

No college uses admissions test scores as the sole criteria for admitting students. Colleges utilize these scores along with high school course preparation, class rank, grade point average, portfolios (at some colleges for some programs), and recommendations to predict a student's ability to succeed at that college.

What tests are available and recommended?

Most Missouri colleges prefer that students submit an ACT score upon applying for admission. The SAT may be required by out-of-state institutions.

Test Registration

It is recommended that students planning to attend a vocational, two-year, or four-year college take the ACT or SAT test during the spring of their junior year. Students may take tests on any of the nationally scheduled test dates and may retest as often as they choose. It typically takes four weeks for test results to be received in the counselor's office.

Test registration forms are available online at www.actstudent.org. Students are to complete their registration online, along with registration payment. The Crystal City High School registration code for both the ACT and SAT is **260-795**.

SAT – Information regarding test dates and regular registration postmark deadlines for SAT can be obtained by contacting the counselor after dates have been announced in late spring, or by calling the phone number listed below.

Additional information about the American Collegiate Testing program (ACT) may be obtained by going to www.act.org

Test Preparation

Students preparing for a college admissions test, such as the ACT or SAT, should consider the following:

1. Research convincingly states that students who have successfully completed a rigorous high school course of study score significantly higher on the ACT and SAT. The American College Testing Program, for example, strongly recommends, that students select high school courses that include the recommended core curriculum, to include 4 units of English, 3 units of Mathematics, 3 units of Social Studies, 2 units of Science, 1 unit of Fine Arts, and 3 additional units from any of the above core areas or Foreign Language (2 units are strongly recommended).
2. Juniors should consider taking the Preliminary Scholastic Aptitude Test (PSAT) during the school day in the fall in preparation for college admissions tests in general, and the SAT particular. Additionally, the PSAT is utilized as the National Merit Scholarship Qualifying Test.
3. Study the preparation materials that are included in the packet of registration materials for both the ACT and SAT. Take the practice test under circumstances similar to what will be experienced during actual test administration.
4. Study the test preparation materials available through the counselor's office, public libraries, and book stores.
5. Review areas where practice tests suggested need for improvement. Enlist the assistance of teachers in those areas to answer questions and provide suggestions for preparing in that particular area.
6. Try to relax on the actual test date, but do the following:
 - a) Get adequate sleep the night before the test;
 - b) Allow plenty of time the morning of the test to eat breakfast and arrive at the test site early;
 - c) Dress comfortably.
7. If you found your test scores were lower than you had reasonably expected, or that you were not familiar or comfortable with test procedures, register to take the test again. With the counselor, analyze test results to determine what activities might contribute to improving your scores.

A+ Schools Program

The A+ program is funded by the Missouri Legislature. The funds available for this program are based on the annual state revenue. The Missouri A+ Schools Program requires Crystal City High School to guide students in a rigorous program of academic and technical education that will prepare them for the workplace, post-secondary vocational-technical training or college.

A student who qualifies according to the following criteria is eligible for state reimbursed tuition at a Missouri public community college or vocational-technical school. The Missouri Legislature sets the guidelines and tuition money amounts to be paid to students. Current guidelines are as follows and may change.

Crystal City High School is a designated A+ High School in the state of Missouri. A+ participants who meet all of the requirements listed below will receive paid tuition to a public community college or an approved public vocational/technical school in the state of Missouri. Eligibility for the A+ Program expires once one of the following factors has been met: 48 months after high school graduation, receipt of an associate's degree, or the completion of 105% of the required hours for the student's program of study.

REQUIREMENTS OF THE A+ SCHOOLS PROGRAM

To be certified as an A+ Student, an individual must do the following:

- Sign a CCHS A+ Schools Agreement prior to graduation.
- Attend a designated A+ High School for three consecutive years immediately prior to graduation.
- Graduate with an unweighted grade point average of 2.5 or higher on a 4.0 scale (accumulative over 4 years).
- Maintain a 95% attendance record (accumulative all four years).
- Perform 50 hours of unpaid school sponsored and supervised tutoring or mentoring.
- Maintain a record of good citizenship and avoidance of the unlawful use of drugs and alcohol.
- Make a good faith effort to secure all available federal post-secondary student financial assistance funds that do not require repayment (Must complete a FAFSA form).
- Students must score Advanced or Proficient on the Algebra I End-of-Course Exam.
- Male students must register with the Selective Service.

End of Course Exams (EOC's)

All students will be required to take an exam in each of the four core areas (Biology, English II, Algebra I and American Government) as a state of Missouri high school graduation requirement. EOC results are part of the classroom grade. Students must achieve an advanced or proficient score on the Algebra I EOC for A+ eligibility. It is essential that students and parents realize the importance of these End of Course exams for the student and for the school.

College Athletics

Eligibility for college sports is determined by one of the three governing bodies: National Collegiate Athletic Association (NCAA), National Association of Intercollegiate Athletics (NAIA), and National Junior College Athletic Association (NJCAA). Each organization sets rules regarding eligibility that their member universities and schools enforce. Here is a breakdown for each organization:

NCAA Registration and Eligibility

Register at NCAA www.eligibilitycenter.org at the beginning of their Varsity participation or their Junior year.

Take the ACT or SAT and request scores to be sent to NCAA (code 9999). These scores are based on a sliding scale for students enrolling.

NCAA (Division I Academic Standards)

- Complete 16 core courses from NCAA approved list including:
 - 4 years of English,
 - 3 years of Math (Algebra I or higher),
 - 2 years of Science,
 - 2 years of Social Studies,
 - 1 extra year of English, Math or Science
 - 4 additional years of English, Math, Science, Social Studies, World Language, Comparative Religion or Philosophy
- Earn a minimum 2.3 cumulative core-course gpa

NCAA (Division II Academic Standards)

- Earn 16 NCAA-approved core-course credits in the following areas:
 - 3 years of English.
 - 2 years of math (Algebra 1 or higher).
 - 2 years of science (including one year of lab, if offered).
 - 3 extra years of English, math or science.
 - 2 years of social science.
 - 4 additional years of English, math, science, social science, world language, comparative religion or philosophy.
- Earn a minimum 2.2 cumulative core-course gpa

NAIA

- Register at www.playnaia.org at the beginning of their Senior year
- Cumulative 2.0 gpa, ACT Composite 18 and class rank in the top 50% of graduating class
- Take the ACT and request scores to be sent to NAIA (code 9876)

NJCAA

- Must be a graduate of a high school with an academic diploma, general education diploma or a state department of education approved high school equivalency test
- Must be an amateur

College admissions

School	Placement Test	ACT	SAT	GPA	Application fee	Required Classes
Missouri Baptist https://www.mobap.edu/admissions/undergraduate-students/	Test optional/Accuplacer	Yes	Yes	No	No	No
Southeast Missouri State https://semo.edu/admissions/requirements/freshman.html	Test optional university	No 19+ 21+	No	2.75 or higher no test 2.5 GPA No GPA	No	Yes
University of Missouri https://admissions.missouri.edu/apply/freshmen/admission-requirements/#scores	Yes	17 18 19 20 21 22 23 24+	920-950 960-980 990-1020 1030-1050 1060-1090 1100-1120 1130-1150 1160+	3.65 3.5	Yes	Yes
Jefferson College https://www.jeffco.edu/getting-started-new-students/	Placement Test or ACT	N/A	N/A	No	No	No
Mineral Area College https://mineralarea.edu/future-students/how-to-apply/	Placement Test	No	No	No	No	No
Ranken https://ranken.edu/apply-to-ranken/	No	No	No	No	No	Yes
State Tech https://statetechmo.edu/contact-admissions/ Using a combination of your GPA and your ACT and/or ACCUPLACER scores, a student may be admitted immediately into a program.	Yes Accuplacer	18 in math, reading, english	Yes Not older than 5 years	3.0	No	No