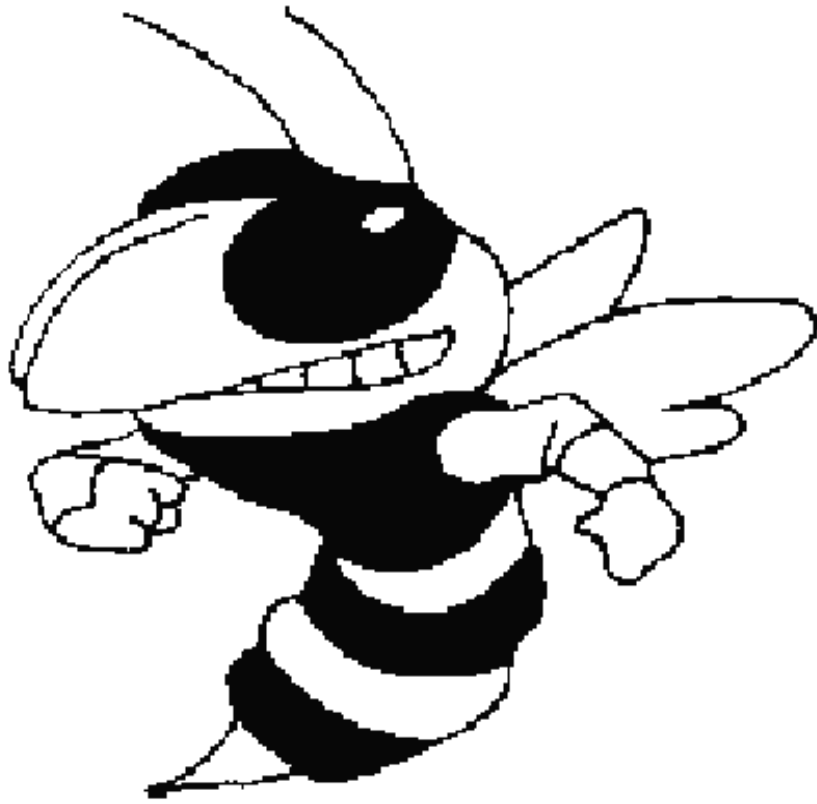


CRYSTAL CITY HIGH SCHOOL



2017-18 ACADEMIC PLANNING GUIDE

Course Description Book

Revised 2/2017

** 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. **Course selections should be carefully made because changes in student requests or schedules will be difficult to accommodate after the pre-enrollment process.** All pre-enrollment sheets and Personal Plans of study, will be sent home, for a parent signature, on a yearly basis. All schedule changes made during the school year, will require a parent signature.

Sincerely,

Stephanie Waites
Guidance Counselor

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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 can be made up in summer school or can be repeated in another 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.

Athletic/ MSHSAA Activities Eligibility

A student who intend 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.

Personal Plan of Study

All CCHS students will complete their Personal Plan of Study, which will help to plan for the future. Every year during pre-enrollment, students will make modifications to their Personal Plan of Study, as needed.

Planning Your Program

Course selection can differ a great deal from student to student depending upon their particular interest and educational goals. Since colleges and universities differ in their entrance requirements, students should consult the college catalogs for specific entrance requirements.

Dual College Credit

In cooperation with Jefferson College, 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
English Composition II	3 college credit hours
United States History I	3 college credit hours
United States History II	3 college credit hours
College Algebra	3 college credit hours
Calculus	5 college credit hours
Online Electives	3 college credit hours

To be granted college credit for these courses, students must enroll with Jefferson College and pay the fees per credit hour. A representative of Jefferson College will enroll the students at the high school. Students are advised to check with the college or university of their choice to determine which courses will transfer. Some courses may not transfer to an academic major. Certain ACT or ACCUPLACER test scores may be needed to qualify for acceptance.

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Graduation Requirements

Academic Diploma

Communication Arts - CA	4
Social Studies - SS (includes ½ unit of Gov't and 1 unit of American History)	3
Math - MA	3
Science - SC	3
Practical Arts - PA	1
Fine Arts - FA	1
Physical Education - PE	1
Health - HE	.5
Personal Finance - PF	.5
Electives - EL	7
Total Credits	24

Advanced Academic Certificate

Communication Arts - CA	4
Social Studies - SS (includes ½ unit of Gov't and 1 unit of American History)	3
Math - MA	4
Science - SC	3
Practical Arts - PA	1
Fine Arts - FA	1
Physical Education - PE	1
Health - HE	.5
Personal Finance - PF	.5
Foreign Language - EL (or further credits from the five core areas of Fine Arts)	2
Electives - EL	4
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 (required course) (NCAA approved)

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 (required course) (NCAA approved)

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 (required course) (NCAA approved)

Grade Level: 11

Prerequisites: Passing Grades in LAI and LAII

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 (NCAA approved)

Grade Level: 12

Prerequisites: Passing grades in LAI and LAII

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**(NCAA approved)****Grade Level: 12****Prerequisite(s): Language Arts I, II, & III**

Students must meet dual credit requirements (3.0 GPA and 18 on the English portion of the ACT or meet Jefferson College COMPASS requirements).

Credit: 1 unit

Course Description: In this course you can earn 3 hours of college credit per semester through Jefferson College. The first semester is Composition One, which deals with writing five essays and a research paper. The second semester requires six additional papers dealing with literature.

Course Name: Public Speaking**(NCAA approved)****Grade Level: 10-12****Prerequisites: Passing grades in LAI****Credit: ½ unit (1st semester)**

Course Description: Students will explore the differences and similarities of talking and public speaking. Students will utilize outlines, central idea, audience, and general and specific purpose when preparing speeches. Speeches to be given: Speech to Inform and Speech to Persuade. The research process and outline writing will be emphasized.

Course Name: Dramatic Literature**(NCAA approved)****Grade Level: 10-12****Prerequisites: Passing grades in LAI****Credit: ½ unit (2nd semester)**

Course Description: This course introduces theater terms, characters, and themes through various plays. Students will perform and evaluate selections from classic playwrights, as well as acting styles throughout the history of movies.

Course Name: Creative Writing**(NCAA approved)****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.

Course Name: British Literature**Grade Level: 11-12****Prerequisites: C average minimum in LAI and LAII preferred****Credit: 1 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.

Course Name: World Literature

Grade Level: 11-12

Prerequisites: C average minimum in LAI and LAII preferred

Credit: 1 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.

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 genre. 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 1/2

Grade Level: 9

Prerequisite(s): None

Credit: 1 unit

Course Description: The course covers concepts just about Pre-Algebra and touches on concepts from Algebra I. It covers operations on all real numbers, algebraic equations, graphing linear equations and simplifying polynomials.

Course Name: Algebra I (NCAA approved)

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: Geometry (NCAA approved)

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 (NCAA approved)

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 Algebra (NCAA approved)

Grade Level: 11-12

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

Course Description: This is a college-level class offered as a dual enrollment class in cooperation with Jefferson College or Lindenwood University. It is offered to College bound students for both high school and college credit. The focus of this course is on functions and their graphs; polynomial, power and rational functions; systems of matrices, exponential, logistic, and logarithmic functions, sequence and series, and binomial properties.

Course Name: Trigonometry (NCAA approved)

Grade Level: 11-12

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

Credit: 1/2 unit

Course Description: This course will take an analytical and graphical approach to the trigonometric functions. A solid foundation in algebra is necessary to solve trigonometric equations. Students will use right triangle trigonometry to find solutions to various application problems. Students will also study the trigonometric identities and how their identities can be used to solve and simplify various trigonometric equations.

Course Name: Statistics (NCAA approved)

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: Calculus (NCAA approved)

Grade Level: 12

Prerequisite(s): Algebra I, Algebra II, and College Algebra (grade of "C" or better)

Credit: 1 unit

Course Description: This course provides a three-part approach to fundamental elements of Calculus. Part 1 focuses on functions and graphs. The emphasis will be on limits, asymptotic and unbounded behavior, and continuity as a property of functions. Part 2 emphasizes the concept of the derivative, derivatives at a point, derivatives of a function, second derivatives, applications of derivatives, and computation of derivatives. Part 3: focuses on integration, which includes interpretations and properties of definite integrals, applications of integrals, fundamental theorem of calculus, techniques of anti-differentiation, and applications of anti-derivatives.

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 (required course) (NCAA approved)

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: Applied Biology and Chemistry

Grade Level: 10

Prerequisite(s): Physical Science

Credit: 1 unit

Course Description: This course is designed to be hands-on course, which will deal with biology and basic chemistry. Areas to be covered will include microorganisms, life processes, genetics, cells, and interactions within an ecosystem.

Course Name: Biology (NCAA approved)

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: Principles of Technology (NCAA approved)

Grade Level: 11-12

Prerequisite(s): Physical Science

Credit: 1 unit

Course Description: Investigation of the physical principles of mechanics, robotics, principles of waves, electrical and thermal systems with workplace applications.

Course Name: Chemistry (NCAA approved)

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, thermo chemistry, chemical periodicity and forensic chemistry.

Course Name: Earth Science (NCAA approved)

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: 1 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: 1/2 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 (NCAA approved)

Grade Level: 11 and 12

Prerequisite(s): Biology with a C or better is a pre-requisite

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.

Course Name: Ecology

Grade Level: 10 - 12

Prerequisite(s): Physical Science

Credit: 1/2 unit

Course Description: A good foundation for responsible environmental citizenship. This is the study of environmental factors, aquatic and terrestrial, that affects quality of life. The interactions of life and chemistry are emphasized. Detrimental effects of pollution will be highlighted.

Course Name: Genetics

Grade Level: 11 and 12

Prerequisite(s): Biology

Credit: 1/2 unit

Course Description: A survey of historical and current Mendelian Genetics. Topics include Pedigrees, Advanced Punnett Squares, Cloning, Stem Cell Research and Genetic Advancements.

SOCIAL STUDIES

Graduation Department – SS

Course Name: American History (required course) (NCAA approved)

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 (required course) (NCAA approved)

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 (required course) (NCAA approved)

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 that students will be required to pass the United States Constitution Test to meet state requirements for graduation.

Course Name: Criminal Justice (NCAA approved)

Grade Level: 10-12

Prerequisite(s): none

Credit: 1 unit

Course Description: This yearlong course will examine the criminal justice system in the United States and its impact on the individual citizen and society. Specific topics to be covered: the history of crime and punishment, correctional system, State and Federal law, models of criminal justice, crime prevention, serial criminals, the court system, theories of crime causation, and careers.

Course Name: History of Rock and Roll

Grade Level: 9-12

Prerequisite(s): None

Credit: ½ unit

Course Description: This course will explore the development of Rock and Roll music and its artists, from its origins in the 1940s to 1980. Aside from a detailed historical study, themes throughout the course will include analysis of the place Rock and Roll holds as a cultural phenomenon as well as discussion of the aesthetics of Rock and Roll.

Course Name: Contemporary Issues

Grade Level: 10-12

Prerequisite(s): none

Credit: ½ unit

Course Description: This course is a one semester, social studies elective course for grades 10-12. Students in Contemporary Issues will analyze, discuss, present and write about significant topics in U.S. and world news. We will use a variety of source materials such as news magazines, the Internet, newspapers, and television broadcasts in order to learn about various perspectives and viewpoints. This course will help students gain the necessary knowledge to become informed and productive citizens.

Course Name: Psychology (NCAA approved)

Grade Level: 11-12

Prerequisite(s): none

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. Topics covered in the course include: the origins of psychology, behavior theories, research methods, biological foundations, states of consciousness, principles of learning, memory, and human development.

Course Name: Sociology (NCAA approved)

Grade Level: 11-12

Prerequisite(s): none

Credit: 1/2 unit (second semester)

Course Description: Sociology is a semester-long social studies elective course for juniors and seniors. It is an introduction to the scientific study of social structure in human behavior. Topics covered in the course include: the origins and theories of sociology, sociological perspective, research methods, culture, social structure and society, deviance and social control, and social stratification.

Course Name: Historical Figures (NCAA approved)

Grade Level: 11-12

Prerequisite(s): C average minimum in World History

Credit: ½ unit

Course Description: Historical Figures is a semester-long social studies elective course. It uses a thematic approach, focusing on individuals throughout world history who made an impact in fields such as politics, the arts, civil and women's rights, education, philosophy, law, sports, and science.

Course Name: World Geography (NCAA approved)

Grade Level: 10-12

Prerequisite(s): none

Credit: ½ unit

Course Description: This is a course based on the five themes of Geography: location, place, human/environment interaction, movement and regions. Emphasis will be placed on the cultural and historical development of many different nations. We will not only discuss the United States, but many other countries around the world. In this course you will learn to use maps, and other geographical representations, tools and technologies to report information about geography. During the school year we will do many different types of projects, papers and activities dealing with geography.

Course Name: History of Sports

Grade Level: 10-12

Prerequisite(s): none

Credit: 1/2 unit

Course Description: This course will provide a history of the major sports and their impact on American life by examining the history of sports in the U.S. from informal games of the colonial period to the highly organized, often commercial, contests of the present. Student will study the impact of industrialization and urbanization on the development of the nation's tradition and explore issues of race, ethnicity, and gender in relation to social, political, cultural, and economic interests.

Course Name: Ancient & Classical Civilizations

Grade Level: 10-12

Prerequisite(s): none

Credit: ½ unit

Course Description: Ancient Civilizations is a one semester elective course which surveys the early societies of Egypt, India, China, Greece, and Rome. Students will examine the political and social history of these cultures and the philosophy, religion, art, and literature they produced. Cross-cultural contacts between ancient societies will be highlighted along with an emphasis on the role of antiquity as the foundation for later historical, political, and cultural developments.

Course Name: College U.S. History I and II

Grade Level: 11- 12

Prerequisite(s): "C" or better in American and World History and an accumulative 3.0 GPA

Students must meet dual credit requirements and register for dual credit enrollment with Jefferson College

Credit: 1 unit

Course Description: U.S. History I to Reconstruction covers the development of the United States from Columbian contact through post-Civil War Reconstruction. U.S. History II from Reconstruction covers the development of the United States from Reconstruction to the present. Students may earn 3 hours of college credit per semester through Jefferson College by meeting the course requirements. These include regular attendance, participation in class discussion and activities, reading of assigned and other materials, completion of several short and one longer paper, and preparation for periodic examinations consisting of written essays and objective questions.

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: Computer Art

Grade Level: 11-12

Prerequisite(s): none

Credit: 1 unit

Course Description: This class will explore computer graphics as an art medium using Adobe Illustrator and Adobe PhotoShop. The computer will be the tool used by the art students, much as the pencil or paintbrush would be used. Projects will include designing personal logos, self-portraits and other various projects.

Course Name: Ceramics

Grade Level: 10-12

Prerequisite: none

Credit: 1/2 unit (1st semester)

Course Description: Students will learn the basic hand building methods of clay; slab, pinch, coil and sculpture. Emphasis is placed on craftsmanship and originality.

Course Name: Advanced Ceramics

Grade Level: 11-12

Prerequisite: Ceramics; grade B required and recommendation of the art instructor.

Credit: ½ unit (1st semester)

Course Description: Students will continue to develop their skills in three-dimensional ceramic art. Students will concentrate on improving their skills in hand building, slab, pinch, coil, and sculpture. Students will be introduced to the potter wheel and thrown forms. Emphasis will be placed on originality, creativity, and mastering the clay built form.

Course Name: Sculpture

Grade Level: 10-12

Prerequisite(s): none

Credit: 1/2 unit (2nd semester)

Course Description: Students will explore different sculpture techniques and medias. Projects will include soft sculptures, wire sculptures, paper mache, and various other sculpture methods.

Course Name: Advanced Sculpture

Grade Level: 10-12

Prerequisite(s): B or better in Sculpture

Credit: 1/2 unit (2nd semester)

Course Description: Students will continue to develop their skills in three-dimensional sculpture. Students will be introduced to subtractive techniques. Emphasis will be placed on originality, creativity, and mastering sculpture forms.

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 In Design 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: **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 or 2 units

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 Chorus**

Grade Level: 9-12

Prerequisite(s): none

Credit: 1 unit

Course Description: This class is designed for students to further the skills acquired at the junior high level. This course is designed to continue the study of music fundamentals in the areas of basic theory, vocal technique, and ear training. Membership is open to freshmen and upperclassmen not meeting the prerequisites for the more advanced program. Required concerts during the year include the annual Winter and Spring Concerts.

Course Name: **Music Appreciation**

Grade Level: 9-12

Prerequisites: none

Credit: 1 unit

Course Description: Music Appreciation is designed for the non-performing student that wishes to obtain a fine arts credit. Students will play rhythm instruments, write music/rhythms, and keep music journals. Textbook work will include musicals, music from different countries, how music was formed, performers and styles of music. Students will be graded on attendance, homework, written and listening test, classroom participation, and discipline.

Course Name: Marching / Concert Band**Grade Level:** 9-12**Credit:** 1 or 2 units**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 of 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.

Course Name: Music Theory**Grade Level:** 10-12**Prerequisite(s):****Credit:** 1 Unit**Course Description:** During the first semester students will seek an understanding of music, that is designed to encompass an in-depth study of the fundamental elements of music: pitch, rhythm, melody, harmony and form; and to explore the theoretical constructs of the 17th, 18th, 19th, and 20th centuries. Through improvisation, composition, analysis, critical listening and performance, the elements of music will be examined for their distinctive roles in musical organization.

During the second semester, the course will provide an overview of the historical, cultural and artistic setting of the works utilized for illustrative purposes. Students must have the ability to read musical notation as well as demonstrate performance competency on an instrument or in voice.

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 word processing, database management, spreadsheet applications, desktop publishing, multimedia, Internet usage, and integrated software applications.

Course Name: Introduction to Business Management

Grade Level: 9-12

Prerequisite(s): None

Credit: 1 unit

Course Rationale: An understanding of economic systems and consumerism provides the resources needed for students to explore business careers. The content in this area is vital to the career planning of business students as they develop knowledge of business functions and applicable skills.

Course Description: This course is designed to introduce students to how business works in today's society. Content includes ethics, sports management, food and hospitality management, entrepreneurship, etc. Career education students will learn to make decisions based on data, develop leadership skills, and select appropriate management styles for varying employee bases and situations. Not only is this area of study vital to the development of all business students, it also provides skills and knowledge that can be used effectively by all students since many life experiences present occasions when management skills are needed.

Course Name: Desktop Publishing

Grade Level: 10-12

Prerequisite(s): None

Credit: 1 semester

Course Rationale: This area of instruction provides content for employment in career areas which include graphic arts, desktop publishing skills, and creating electronic presentations such as audio, video, and web pages. Demand in this area will continue to expand as businesses utilize advanced graphic arts skills to increase their production efficiency and improve the creativity and quality of business documents and publications.

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

Course Name: Multimedia

Grade Level: 9-12

Prerequisite(s): None

Credit: 2nd semester

Course Rationale: This course addresses the technological skills required of students to create effective electronic presentations for the companies employing them. The demand for multimedia knowledge and ability to apply it will continue to expand as businesses utilize multimedia functions including graphics, audio, video, web pages, and electronic presentations.

Course Description: Students will work with multimedia software to develop electronic presentations. They will learn how to manipulate text, art and graphics, photography, animation, audio, and video for presentations in various media formats.

Course Name: Personal Finance

(graduation 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 decision, evaluate the costs and benefits of their decisions, recognize their rights and responsibilities as consumers, and apply the knowledge learned in school to financial.

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: Advanced Technology Applications

Grade Level: 10-12

Prerequisite(s): None

Credit: 1 unit

Course Rationale: This area of instruction provides content for employment in one of the largest major occupational groups--administrative support. Demand in this career area will continue to expand as businesses utilize advanced office technology to increase their production efficiency and improve the quality of their products and services. This area of instruction benefits students by enhancing the software application skills and communication competencies needed by administrative support professionals and those students continuing their education.

Course Description: 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 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.

Course Name: Accounting I**Grade Level:** 10-12**Prerequisite(s):****Credit:** 1 unit

Course Description: This career education course is designed to build a basic understanding of manual and automated accounting principles, concepts and procedures. Activities include using the accounting equation, completing the accounting cycle, entering transactions to journals, posting to ledgers, preparing end-of-period statements and reports, managing payroll systems, completing banking activities, calculating taxes, and performing other related tasks.

Course Name: Accounting II**Grade Level:** 11-12**Prerequisite(s):** Accounting I**Credit:** 1 unit

Course Description: This career education course is designed to help the students acquire a more thorough, in-depth knowledge of accounting procedures and techniques utilized in solving business problems and making financial decisions. Students will develop skills in analyzing and interpreting information common to partnerships and corporate forms of organization, preparing formal statements and supporting schedules, and using inventory and budgetary control systems. Computer applications should be integrated in each appropriate instructional unit.

Course Name: Economics**Grade Level:** 10-12**Prerequisite(s):****Credit:** 1 unit

Course Description: This course is designed to help students understand economic concepts necessary for their participation in a capitalist system as wage earners, business owners, producers, and investors. Basic economic concepts like supply and demand, competition, growth, and stability are emphasized. Topics include the government's role in the economy, the sharing of economic risks, and the effect of inflation and monetary policies on national and international economics.

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

Course Rationale: Instruction in this area addresses laws affecting both businesses and families. As laws emanate from different governmental and judicial entities, students must have a basic understanding of the law and the foundation of the legal system. The impact of international business and technology has created an additional demand for students to include this course in their academic preparation.

Course Description: 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 basic characteristics of the American system of free enterprise, rights of private property, basic elements of contracts, employer-employee relations, landlords and tenants, individual rights, wills and estates, family and juvenile justice law, and community property.

Course Name: Business Technology

Grade Level: 12

Prerequisite(s): Instructor Approval

Credit: 1 unit

Course Description: This course is designed to help students develop the qualities, knowledge, and skills necessary for working in a business. Students enhance computer application skills. The content includes the use of technology to develop communication skills, the production of quality work using advanced features of business software applications, and the production of high quality employment portfolios and job-seeking documents. In addition, this course provides training or skills many employers find deficient dealing with other people, organizing work, and handling other crucial tasks. *This course is required for students wishing to take Career Explorations.

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 instructors 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 design their own lifting program to enhance each individual's needs. The use of computer based work out programs will be available for students 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

Grade Level: 9

Prerequisite(s): none (required for graduation)

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, kettle bells, 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 and French I (NCAA approved)

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 and French II (NCAA approved)

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 /French culture as well as expand vocabulary and learn more complex grammatical structures. Students will have practice with various multi-media to increase reading and listening skills.

Course Name: French III & IV and Spanish III & IV

Grade Level: 11-12

Prerequisite(s): 2 years of the target language with an average of B- or higher

Credit: 1 unit

Course Description: The goal of these courses will be to sustain increasingly higher levels of oral and written expression, moving from sentence to paragraph level communication. Students will show control of advanced grammar and syntax systems in their communications. Also, students will explore cultural topics through the study of Spanish and Latin American/French literature and popular media.

Course Name: Foreign Language Elective

Grade Level: 9-12

Prerequisite(s):

Credit: 1 unit

Course Description: Students interested in pursuing a language other than Spanish, may sign up for this course. Students will work independently using an online program with the aid of the foreign language instructor. The goal of this course is to help students develop proficiency in the four language skills of listening, speaking, reading and writing.

Course Name: ACT Prep**Grade Level:** 11-12**Prerequisite(s):** Algebra I, Geometry, Algebra II (or currently enrolled in)**Credit:** 1/2 - 1 unit

Course Description: This course will teach students how to prepare and review for the ACT test. Students will familiarize themselves with the test format and scoring procedures so they will know what to expect when they take the actual ACT test. Basic math and English skills will be reviewed, and test-taking hints and strategies will be discussed. The math sections will review topics from pre-algebra, Algebra I, geometry, Algebra II, and trigonometry. While you do not need to have taken all of these classes, one should have taken a minimum of Algebra I and geometry. Students will take several practice tests and analyze their results to determine what further review and preparation they need to do before taking the real ACT test. In addition, students will learn how to effectively utilize ACT preparation software in the computer lab.

Course Name: GATE**Grade Level:** 9-12**Prerequisite(s):** Eligible for participation in the gifted program**Credit:** 1 unit

Course Description: This course is designed to meet the needs of gifted students by placing emphasis on enrichment, research, & public speaking. Students will be required to complete projects that involve in-depth research, creative presentation, & public speaking.

Course Name: Library Practicum**Grade Level:** 11-12**Prerequisite(s):** Instructor Approval**Credit:** 1 unit

Course Description: In this course students will acquire skills and knowledge relating to various library procedures. Students will receive training in order to operate the circulation system, shelf books, repair media, maintaining library web page, review and recommend websites, maintain and check in and shelving of periodicals, processing new library books. In addition they will be expected to create displays, maintain bulletin boards, read one book per month and write a review, and help maintain library computers.

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.

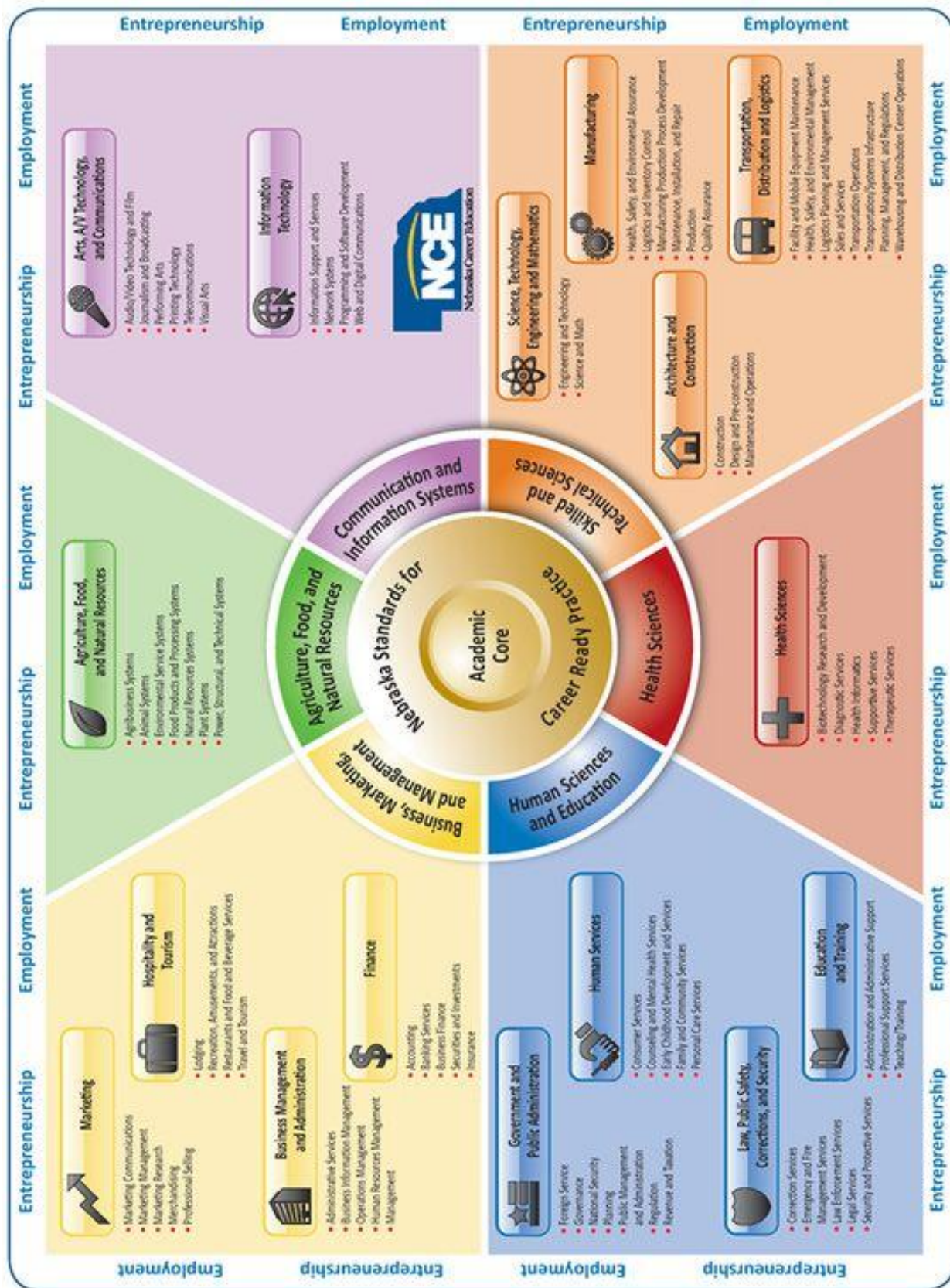
Career Paths:

1. Health Services
 - Health Path
2. Industrial Engineering & Technology
 - Building & Fixing Path
3. Human Services
 - Helping Path
4. Natural Resources Agriculture
 - Nature Path
5. Business, Management & Technology
 - Business Path
6. 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



Adapted from NASDCTEC/NCIEF Career Clusters: Pathways to College and Career Readiness. Developed by the Nebraska Department of Education 2012.

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, Multi-Media, 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.

JEFFERSON COLLEGE AREA TECHNICAL SCHOOL PROGRAM OFFERINGS

Students interested in programs offered by Jefferson College must complete the appropriate application. Applications may be picked up in the guidance office. Area Technical School programs begin during the sophomore, junior, or senior year of high school.

High School Level / College Level Career Programs include:

- Automotive Technology
- Biomedical Sciences
- Building Repair Technology
- Business Management
- Computer Integrated Manufacturing
- Culinary Arts
- Digital Media Technology
- Early Childhood and Elementary Education
- Electronics Technology
- Fire Science
- Health Services
- HVAC
- Metal Fabrication
- Residential Carpentry
- Welding Technology

****FOR MORE DETAILED INFORMATION ON THESE PROGRAMS, SPEAK WITH THE COUNSELOR. A Jefferson College representative will be here in February to give a presentation and distribute applications. Jefferson College is in complete control of the selection of applicants and not the Crystal City High School personnel.**

Crystal City High School

Planning Guide for Post-Secondary Education

Academic and Career Planning Guide

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 to submit an ACT score upon applying for admission. The SAT may be required by out-of-state institutions.

ACT (American College Testing Program)

Results of the ACT include scores in English, Mathematics, Reading, and Science Reasoning. In addition, there is a composite or average score for all four sub-tests. The scores for each range from 1 to 36. An interest inventory and student assessment is included in the student’s profile report. The testing fee (\$42.50 - No Writing, \$58.50 – plus Writing in 2016-2017) includes reporting scores to three colleges of the student’s choice.

SAT (Scholastic Aptitude Test)

The SAT measures verbal and mathematical reasoning, and includes a test of written English. Verbal scores in reading comprehension and vocabulary will also be reported. The verbal score and math score will be reported separately in the range of 200 to 800. The testing fee (\$54.50 in 2016-2017) includes reporting scores to four colleges of the student’s choice.

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/start. 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**.

2017-18 Test Schedule

ACT - The following are test dates and regular registration postmark deadlines for the ACT:

Test Date	Registration Ends	Late Registration Time Frame
April 8, 2017	March 4	March 5 – 18
June 10, 2016	May 6	May 7 – 20
September 9, 2017	August 4	<i>Dates not available yet</i>
October 28, 2017	September 15	<i>Dates not available yet</i>
December 9, 2017	November 3	<i>Dates not available yet</i>
February 10, 2018*	January 5	<i>Dates not available yet</i>
April 14, 2018	March 2	<i>Dates not available yet</i>
June 9, 2018	May 4	<i>Dates not available yet</i>

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 calling (319) 337-1270 or their website www.act.org

Additional information about the Scholastic Aptitude Test (SAT) may be obtained by calling (609) 771-7600.

The Crystal City High School registration code for both the ACT and SAT is **260-795**

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. (These packets are available through the counselor's office.) 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.

Freshmen Admission Requirements

University of Missouri – Columbia

4 units of English
4 units of Math (Algebra I or higher)
3 units of Science
3 units of Social Studies
1 unit of Fine Arts
2 units of Foreign Language
ACT/SAT required

Southeast Missouri State

4 units of English
3 units of Math (Algebra I or higher)
3 units of Science
3 units of Social Studies
1 unit of Visual or Performing Arts
3 units of Electives (Foreign Language or comb.
of 2 or more areas above)
ACT/SAT required

Truman University

4 units of English
3 units of Math (4 are recommended)
3 units of Science
3 units of Social Studies
1 unit of Fine Arts
2 units of Foreign Language (same language)
ACT/SAT required

Missouri University of Science & Technology

4 units of English
4 units of Math (Algebra I or higher)
3 units of Science
3 units of Social Studies
1 unit of Fine Arts
2 units of Foreign Language (same language)
ACT/SAT require

Missouri State University

4 units of English
3 units of Math (Algebra I or higher)
3 units of Science
3 units of Social Studies
1 unit of Visual or Performing Arts
3 units of Electives (Foreign Language or comb.
of 2 or more areas above)
ACT/SAT required

Saint Louis University

4 units of English
4 units of Math (Algebra I or higher)
3 units of Science
3 units of Social Studies
3 units Foreign Language
3 units Academic electives
ACT/SAT required
*December 1 deadline

University of Missouri – Saint Louis

4 units of English
4 units of Math (Algebra I or higher)
3 units of Science
3 units of Social Studies
1 unit of Fine Arts
2 units of Foreign Language (same language)
ACT/SAT required

Jefferson College

Open Enrollment
Math and English placement test or ACT scores

Crystal City High School A+ Schools Program

BENEFITS OF THE A+ SCHOOLS PROGRAM

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. (Funding determined by the state legislature.)

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.
- After graduation, maintain eligibility by enrolling full-time at an approved institution and earning at least a cumulative 2.5 GPA.

*All financial benefits are dependent upon money allocated,
each year by the state legislature.*

For more information, please contact Stephanie Waites,
Counselor, at Ext 1108 (waitess@crystal.k12.mo.us)

NCAA Clearinghouse / NAIA Information

NCAA.org/eligibilitycenter

The advantages of competing in college sports are both immediate and lifelong. Participating in college sports provides opportunities to learn, compete and succeed. Student-athletes receive top-notch academic support, quality medical care and regular access to outstanding coaching, facilities and equipment. Student-athletes as a group graduate at higher rates than their peers in the general student body and feel better prepared for life after college.

College-bound student-athletes preparing to enroll in a Division I or Division II school need to register with the NCAA Eligibility Center to ensure they have met amateurism standards and are academically prepared for college coursework.

<http://www.playnaia.org/>

PlayNAIA.org is the official clearinghouse for NAIA eligibility. Every student-athlete must **register with the NAIA eligibility center** to **play sports** at an NAIA college. The eligibility center is also a powerful tool to help athletes connect with coaches and NAIA schools - and find money for college through thousands of NAIA athletic scholarships.