

Monett High School



**Course Description Book
2017-2018**

Table of Contents

	Page Number
Introduction	2
Graduation Requirements	3
College Admission Requirements	4
Agriculture	5
Art	7
Business	9
Communication Arts	12
FACS	18
Foreign Language	20
General Electives	24
Mathematics	25
Music	29
Personal Finance	33
Physical Education	34
Science	36
Social Studies	42
Special Services/ELL	50
Speech/Debate/Drama	57
Go CAPS	59
Scott Regional Technology Center	61

Introduction to the Course Description Booklet

Selection of courses for the next year of high school is critical to a student's preparation for future high school courses and post-high school plans. This booklet contains information on each course offered at Monett High School. As you prepare to request courses for next year, please use the information in this booklet to inform yourself about the nature of each course; the prerequisites, restrictions, and possible fees for each course; and the number of mods each course meets per week. Also keep in mind the graduation requirements for a general diploma, honors diploma, and high honors diploma. As you plan your course selections for next year and beyond, the counselors and your advisory teacher are available to help answer questions and guide your decisions regarding progression of courses, college/career preparation, and general questions about the scheduling process.

Graduation Requirements

	Graduation	Honors	High Honors
<i>Communication Arts**</i>	4	4	4
<i>Math</i>	3	3	3
<i>Social Studies</i>	3	3	3
<i>Science</i>	3	3	3
<i>Physical Education (must include .5 Health)</i>	1.5	1.5	1.5
<i>Personal Finance</i>	.5	.5	.5
<i>Fine Arts</i>	1	1	1
<i>Practical Arts</i>	1	1	1
<i>Elective</i>	8	8	8
<i>Additional Math or Science</i>	----	----	1
<i>Additional Credits*</i>	----	2	2
<i>GPA</i>	----	3.33	3.67
<i>Total Credits</i>	25	27	28

*Additional credits must come in two of the following areas: additional Math course, additional Science course, additional Social Studies course, additional Communication Arts course, two courses in the same Foreign Language, any AP course beyond graduation requirements, or two successful years in the same SRTC program. Three Ag Science courses do not count as additional credit and/or extra Science credit for High Honors.

**Foreign Language courses will not be counted toward meeting this criterion

- A student meeting Honors or High Honors requirements will receive a special insignia on his or her diploma.
- In order to be eligible for Top 10 Percent of the graduating class, the student must earn a Honors or High Honors Diploma.

College Admission Requirements

The Missouri Coordinating Board for Higher Education has approved the following minimum recommended 16-unit core curriculum requirements for admission to all public Missouri four-year colleges and universities.

ENGLISH

The student should successfully complete 4 units, one of which may be speech or debate, and 2 units emphasizing composition or writing skills.

MATHEMATICS

The student should successfully complete 3 units (high school level Algebra and beyond, including Algebra II).

SOCIAL SCIENCE

The student should successfully complete 3 units, including American History and at least one semester of American Government.

SCIENCE

The student should successfully complete 2 units (not including general science) one of which must be a laboratory science.

VISUAL/PERFORMING ARTS

The student should successfully complete 1 unit (fine arts courses in visual arts, music, dance, or theater).

ELECTIVES

The student should successfully complete 3 units from foreign language and/or combinations of the above courses (two units of foreign language are strongly recommended).

Keep in mind these are the **MINIMUM** requirements for admission to public four-year Missouri colleges. It is important to check the requirements of each college to determine if its requirements exceed those shown above. The counseling office has information on all Missouri two-year and four-year colleges and universities, out-of-state colleges, applications and financial aid information, and ACT or SAT admission test registration. College admission representatives and military recruiters schedule meetings at Monett High School throughout the school year.

Seniors are permitted one college day per semester and juniors are permitted one college day during spring semester to visit colleges in which they are interested.

Agriculture

Course Name: Ag Conservation

Department: Practical Arts

Grade Level(s): 11, 12

Credit Type: PA

Course Description:

This course is designed for advanced agriculture students. The topics will include: history of natural resources in the U.S., concepts in natural resource management, wetland preservation and management, land use planning, pollution, fish and wildlife management, habitat management, game management, careers, composting, and recycling. Students will earn their hunter safety card in this course.

Course Length: Semester

Prerequisite(s): Must have earned one credit each in Ag Science I & Ag Science II.

Course Restriction(s): None

Course Name: Ag Food Science

Department: Practical Arts

Grade Level(s): 11, 12

Credit Type: PA

Course Description:

This course is designed for students with interest in the food industry. Content includes careers in the food industry, meat, cereal, beverage, and vegetable industries, food safety principles, food and nutrients, world hunger, microbiology, biotechnology in the food industry, food processing and preservation, storage, and merchandising.

Course Length: Semester

Prerequisite(s): Must have earned one credit in Ag Science I & Ag Science II.

Course Restriction(s): None

Course Name: Ag Science I

Department: Practical Arts

Grade Level(s): 9, 10

Credit Type: PA

Course Description:

This introductory course prepares the student to enter advanced agriculture courses. Topics will include: the importance of agriculture, animal products, animal behavior, breeds of livestock, animal anatomy and physiology, animal digestion and nutrition, animal reproduction, animal health, FFA history, leadership, recordkeeping, shop safety, and arc welding.

Course Length: Year

Prerequisite(s): None

Course Restriction(s): This is a prerequisite for all other agriculture courses.

Course Name: Ag Science II

Department: Practical Arts

Grade Level(s): 10, 11

Credit Type: PA

Course Description:

This course prepares the student for other advanced agriculture courses and will include the following topics: plant parts and functions, asexual and sexual propagation in plants, entomology, pesticide safety, crop production, soils, forestry, careers in agriculture, greenhouse management, introduction to landscaping, recordkeeping, shop safety, and introduction to oxy-acetylene welding.

Course Length: Year

Prerequisite(s): Must have earned one credit in Ag Science I.

Course Restriction(s): This course is a prerequisite for all advanced agriculture courses.

Course Name: Agricultural Structures

Department: Practical Arts

Grade Level(s): 11, 12

Credit Type: PA

Course Description:

This course will include: personal safety, working with building plans, basics of concrete masonry, plumbing, painting, farm fencing, electricity, woodworking, and welding.

Course Length: Year

Prerequisite(s): Must have earned one credit in Ag Science I & Ag Science II.

Art

Course Name: Advanced Art

Department: Fine Arts

Grade Level(s): 11, 12 **Credit Type:** FA

Course Description:

Students will continue to develop and expand their area of visual arts. There will be assignments that the students will decide how they will complete the art work and the medium they will use.

Course Length: Year

Prerequisite(s): Earned one credit in Two--Dimensional Art and/or in Three-- Dimensional Art.

Course Restriction(s): This course is a prerequisite for Art Portfolio.

Course Name: Art & Design

Department: Fine Arts

Grade Level(s): 9, 10, 11, 12 **Credit Type:** FA

Course Description:

This foundational class focuses on the elements and principles of Art and Design. Students who take this course will gain a broad overview of the visual arts. Students will be expected to use their own photographs and ideas for their projects.

Course Length: Year

Prerequisite(s): None.

Course Restriction(s): This course is a prerequisite for all other art courses.

Course Name: Art Portfolio

Department: Fine Arts

Grade Level(s): 12 **Credit Type:** FA

Course Description:

An independent study class for students who wish to build their portfolio; this course is based on an area of focus chosen by the student (generally the type of art or media in which the student works best). Students are expected to follow an intense schedule as they work independently and will be expected to create work for public display. Five projects will be due each semester to create a body of work.

Course Length: Year

Prerequisite(s): Earned one credit in Advanced Art.

Course Restriction(s): You cannot take any other art concurrently with this course.

Course Name: Three--Dimensional Art

Department: Fine Arts

Grade Level(s): 10, 11, 12

Credit Type: FA

Course Description:

Three--Dimensional Art refers to artwork that is built to have length, width and height. In this course, students will study the media, techniques and history associated with carving, building, plaster, clay and weaving.

Course Length: Year

Prerequisite(s): Earned one credit in Art & Design.

Course Restriction(s): This course is a prerequisite for Advanced Art and Art Portfolio.

Course Name: Two--Dimensional Art

Department: Fine Arts

Grade Level(s): 10, 11, 12

Credit Type: FA

Course Description:

Two--Dimensional art refers to artwork created primarily on a flat surface such as paper and canvas. In this course, students will study the media, techniques and history associated with drawing, painting, and printmaking.

Course Length: Year

Prerequisite(s): Earned one credit in Art & Design.

Course Restriction(s): This course is a prerequisite for Advanced Art and Art Portfolio.

Business

Course Name: Accounting I/Dual Credit (DC) Accounting I

Department: Practical Arts

Grade Level(s): 10, 11, 12

Credit Type: PA

Course Description:

Accounting I provides a thorough background in the basic accounting procedures used to operate a business. The accounting procedures presented serve as a solid background for employment in an office environment as well as preparation for studying business classes in college. Students will learn the accounting cycle by exploring techniques such as the double-entry accounting system covering a complete accounting cycle and investigation of the techniques involved in preparing and interpreting financial reports. Students will gain an understanding of logical processes and will learn how to work independently on short-and long term projects. May be taken as Dual Credit

Course Length: Year

Prerequisite(s): None

Course Restriction(s): This course is a prerequisite for all other Accounting courses.

Course Name: Accounting II

Department: Practical Arts

Grade Level(s): 11, 12

Credit Type: PA

Course Description:

This second-year course helps prepare students for jobs and careers in an accounting or business field. It provides background and preparation for college accounting courses and business majors.

Course Length: Year

Prerequisite(s): Must have earned one credit in Accounting I.

Course Restriction(s): This is a prerequisite for Accounting III.

Course Name: Accounting III

Department: Practical Arts

Grade Level(s): 12 ***Credit Type:*** PA

Course Description:

This course is designed to cover the different types of accounting. Students will learn about corporation accounting, management accounting, and cost accounting.

Course Length: Year

Prerequisite(s): Must have earned one credit each in Accounting I and Accounting II.

Course Restriction(s): None.

Course Name: Desktop Publishing

Department: Practical Arts

Grade Level(s): 10, 11, 12 ***Credit Type:*** PA

Course Description:

This course introduces the fundamentals of graphic design to students interested in desktop publishing. Students learn to use type/fonts, layout, balance, color and other design elements to produce effective advertisements, brochures, newsletters, calendars, business cards and other documents on personal computers.

Course Length: Semester

Prerequisite(s): None

Course Restriction(s): This course should be taken the same year as digital photography.

Course Name: Digital Communications

Department: Practical Arts

Grade Level(s): 9, 10 ***Credit Type:*** PA

Course Description:

This course is designed to teach students various digital input and manipulation methods. Emphasis is placed on keyboarding technique, typing personal and business letters, and typing reports.

Course Length: Year

Prerequisite(s): None

Course Restriction(s): This course is a prerequisite for Dual Credit (DC) Computer Applications.

Course Name: Digital Photography

Department: Practical Arts

Grade Level(s): 10, 11, 12

Credit Type: PA

Course Description:

Photography is the art or process of capturing images with a camera. In this course, students will discover the history, media and techniques associated with digital photography. Students must have access to a digital camera (preferably one with manual settings) and a flash drive. Students may be responsible for printing some photographs at their own expense.

Course Length: Semester

Prerequisite(s): Must have earned one credit Art and Design or successfully completed Digital Photography in middle school.

Course Restriction(s): This course should be taken the same year as Desktop Publishing.

Course Name: Introduction to Business

Department: Practical Arts

Grade Level(s): 9, 10

Credit Type: PA

Course Description:

This course provides students with a greater understanding of what business is, does, and how it functions in our economic system. This course stresses the importance of money, credit, banks, money management, and financial security. Students will learn to appreciate their role in our economy as a citizen, a worker, and a consumer.

Course Length: Year

Prerequisite(s): None

Course Restriction(s): None

Communication Arts

Course Name: Advanced Placement (AP) English Language & Composition

Department: Communication Arts

Grade Level(s): 11, 12 **Credit Type:** CA

Course Description:

Students will explore the basic elements of rhetoric through study of required text readings and through the development of their own writing. Instruction in the elements of rhetoric include the following: writing with a purpose; addressing and appealing to an audience; creating effective text structures; and effecting appropriate style. Additional topics include argumentation and the skills of synthesizing, summarizing, paraphrasing, quoting, and citing secondary source material. This course may be taken in place of English III or English IV. All enrolled students must complete the AP English Language and Composition exam to exit the course.

Course Length: Year **Fee:** \$30

Prerequisite(s): Must have earned at least one credit each in English I and English II.

Course Restriction(s): None

Course Name: Advanced Placement (AP) Literature & Composition/ Dual Credit (DC) Lit 200

Department: Communication Arts

Grade Level(s): 11, 12 **Credit Type:** CA

Course Description:

This class is a survey of great literature, books, dramas, poetry, a few films, and literary analysis writing. Students will engage in careful reading and critical analysis of literature. Students will consider a work's structure, style, and themes as well as such elements as language, imagery, symbolism and tone. This course will include intensive study of works from various genres and periods with concentration on works of recognized literary merit. Student reading will be accompanied by thoughtful discussion and writing. Writing instruction will include attention to developing and organizing ideas in clear, coherent, and persuasive language. Emphasis will be placed on helping students develop stylistic maturity, which includes a well-developed vocabulary, varied use of sentence structure, logical organization, and use of specific illustrative detail. This course may be taken in place of English III or English IV. The course will follow the College Board's Advanced Placement (AP) Literature and Composition curriculum. The student has the option of taking this course as an AP course or for Dual Credit (3 hours – Lit 200) through Missouri State University.

Course Length: Year

Fee: \$30 if taken as an AP Course. Dual Credit fee through Missouri State University is \$70 per credit hour, subject to change.

Prerequisite(s): AP; None. DC; Must meet one of the following criteria: earned a score of 4 or above on the AP English Language and Composition exam, successfully completed a college English 100 level or above course, or an ACT English subscore of 19 or higher AND a GPA of 3.0 or higher on the 4.0 scale.

Course Restriction(s): None

Course Name: Bible as Literature/Mythology

Department: Communication Arts

Grade Level(s): 10, 11, 12

Credit Type: CA

Course Description:

This course is a year long survey of stories, poetry, plays, and more from the Old and New Testament and world literature, primarily Greek Mythology. Basic English skills including writing essays and poems and responses, reading, presenting, speaking, and listening are vital parts of the course. We will study these great works, but mostly focus on greater themes such as heroism, love, and the human experience and how we can apply them to our own lives. (note: Biblical doctrine/interpretations are not a part of the course).

Course Length: Year

Prerequisite(s): Must have earned one credit in English I.

Course Restriction(s): None

Course Name: Dual Credit (DC) English 110 -- Writing I

Department: Communication Arts

Grade Level(s): 12

Credit Type: CA

Course Description:

This course will focus on critical reading and writing skills applicable to writing within and beyond the college community. Emphasis will be on composition processes, research methods, argumentation of diverse issues, and collaborative learning, such as peer review. Course may be taken for three (3) hours of college credit through Missouri State University and one semester high school credit or for one semester high school credit only.

Course Length: Semester

Fee: Dual Credit fee through Missouri State University is \$70 per credit hour, subject to change.

Prerequisite(s): Must have an ACT English subscore of 19 or higher AND a 3.0 GPA on a 4.0 scale.

Course Restriction(s): This course is a prerequisite for Dual Credit English 210 (MSU).

Course Name: Dual Credit (DC) English 210 -- Academic Writing

Department: Communication Arts

Grade Level(s): 12

Credit Type: CA

Course Description:

Students will study and practice the discourse conventions of academic writing and writing about public affairs from the perspective of an educated person, as well as preparation for writing within disciplines. Course may be taken for three (3) hours of college credit through Missouri State University and one semester high school credit or for one semester high school credit only.

Course Length: Semester

Fee: Dual Credit fee through Missouri State University is \$70 per credit hour, subject to change.

Prerequisite(s): Must have an ACT English subscore of 19 or higher, a 3.0 GPA on a 4.0 scale, AND successfully completed Dual Credit English 110 (MSU) or an equivalent course.

Course Restriction(s): None

Course Name: Dual Credit (DC) Public Speaking

Department: Communication Arts

Grade Level(s): 11, 12

Credit Type: CA

Course Description:

In this course students will develop and write various public speaking pieces. Students will learn coping strategies to overcome the stress many feel when speaking in front of an audience. Students will focus on a variety of speeches including: introductions, toasts, "how-to" demonstrations, informational, and persuasive speeches. This course is a blended dual-credit course, with instruction communicated online and speeches presented in class. Course may be taken for three (3) hours of college credit (COM 211) through Drury University and one semester of high school credit. This course may not be taken for high school credit only.

Course Length: Semester

Fee: Drury University Dual Credit fee is \$70 per credit hour, subject to change.

Prerequisite(s): Drury requires a 3.0 or better GPA on a 4.0 scale for admission to Dual Credit courses.

Course Restriction(s): None

Course Name: English I

Department: Communication Arts

Grade Level(s): 9 **Credit Type:** CA

Course Description:

This course will provide a foundation in both grammar and literature. Grammar topics include sentence structure, usage, mechanics, vocabulary, composition writing, and research. Literature topics include introduction to short stories, poetry, plays, non-fiction, and the novel.

Course Length: Year

Prerequisite(s): None

Course Restriction(s): This course is a prerequisite for English II and other elective English courses.

Special Note: This is a required course for MHS graduation and is taken by freshmen.

Course Name: English II

Department: Communication Arts

Grade Level(s): 10 **Credit Type:** CA

Course Description:

This course builds upon what students learned in English I and prepares students for the level of work expected in English III and upper level courses. This course will expose students to various forms of writing including personal narrative, poetry, argumentation and research. It will also cover various pieces of literature with a focus on world literature. Students taking this course will be required to take the Missouri End of Course (EOC) Assessment in the spring semester.

Course Length: Year

Prerequisite(s): Must have earned one full credit in English I or be enrolled concurrently in English I.

Course Restriction(s): This course is a prerequisite for all junior and senior level English courses.

Special Note: This is a required course for MHS graduation and is taken by sophomores.

Course Name: English III**Department:** Communication Arts**Grade Level(s):** 11**Credit Type:** CA**Course Description:**

In this course students read, respond and analyze essays, short stories, novels, poetry, and drama which represent major eras and themes in American literature. Students will apply speaking/listening skills to lectures, class discussion, formal group and individual projects and presentations. They will also write and publish a variety of narrative, expository, and persuasive pieces. An emphasis is placed on critical thinking.

Course Length: Year**Prerequisite(s):** Must have earned one full credit each in English I and English II.**Course Restriction(s):** None**Course Name: English IV****Department:** Communication Arts**Grade Level(s):** 12**Credit Type:** CA**Course Description:**

This is a college preparation course for seniors. The literature exposes students to some of the significant works and ideas from British writers. The works are presented chronologically to convey an understanding of the development of English language and literature. Skills stressed are reading comprehension, essay writing, thinking, listening, note-taking, studying, and organizing. Composition work emphasizes student practice in supporting the thesis by using primary and outside sources as the basis of an essay.

Course Length: Year**Prerequisite(s):** Must have earned credit in English III or its equivalent.**Course Restriction(s):** None

Course Name: Film as Literature

Department: Communication Arts

Grade Level(s): 11, 12

Credit Type: CA

Course Description:

This course is an in-depth study of film writing and film production from a literary perspective. Students will study history of film, read literature that inspires films, and analyze film through discussion and writing. Through questioning and critical thinking, students will become more perceptive viewers of film. Writing is a major expectation of this course.

Course Length: Year

Prerequisite(s): Must have earned one credit each in English I and English II.

Course Restriction(s): None

FACS

Course Name: Child Development

Department: Practical Arts

Grade Level(s): 9, 10, 11, 12

Credit Type: PA

Course Description:

Students will study the intellectual, social, emotional, and physical development of children. Students will also explore prenatal development and care, parental and environmental influences on a child's development, child care skills and discipline strategies appropriate to the age of the child, children with special needs, and the identification of external support services available to families.

Course Length: Semester

Prerequisite(s): None

Course Restriction(s): This course is a prerequisite for and should be taken the same year as Careers with Families and Children.

Course Name: Careers with Families and Children

Department: Practical Arts

Grade Level(s): 9, 10, 11, 12

Credit Type: PA

Course Description:

Students will explore careers with families and children in areas such as: education, social work, counseling, marriage and family therapy, child advocacy, and child-centered activities.

Course Length: Semester

Prerequisite(s): Must have earned one-half credit in Child Development.

Course Restriction(s): This course should be taken the same year as Child Development.

Course Name: Foods I

Department: Practical Arts

Grade Level(s): 10, 11, 12

Credit Type: PA

Course Description:

Foods I will give students the basic skills needed to plan and prepare a variety of foods. Students will work in the FACS kitchen on a weekly basis. Students will also explore the principles of nutrition; the selection, preparation and care of food; meal management to meet individual and family food needs; optimal use of the food dollar; and the application of related math and science skills.

Course Length: Year

Prerequisite(s): Must have successfully completed Intro to FACS (MS or HS).

Course Restriction(s): This course is a prerequisite for Foods II. Student capacity 24 per section

Course Name: Foods II

Department: Practical Arts

Grade Level(s): 11, 12

Credit Type: PA

Course Description:

In this course students will practice advanced food preparation while working in the FACS kitchen on a weekly basis. Students will also explore the preparation of a variety of international foods and examine various cultures through food. Students will investigate careers in the food industry.

Course Length: Year

Prerequisite(s): Must have earned one credit in Foods I.

Course Restriction(s): Student capacity 24 per section. May run concurrent with Foods I

Course Name: Introduction to FACS

Department: Practical Arts

Grade Level(s): 9, 10

Credit Type: PA

Course Description:

This introductory course gives students the opportunity to explore all areas of family and consumer sciences including: character development, relationships, goal setting, life skills, food and nutrition, basic cooking skills, career exploration, family life, clothing basics, and etiquette.

Course Length: Year

Prerequisite(s): None

Course Restriction(s): This course is a prerequisite for Foods I .

Course Name: Introduction to Fashion and Fashion Merchandising

Department: Practical Arts

Grade Level(s): 10, 11, 12

Credit Type: PA

Course Description:

Students will explore careers in the fashion industry, study fashion design, merchandising, advertising, retail sales, textile texture and care, elements of display, and fashion terminology. Students will plan, organize, and orchestrate an end of year fashion show.

Course Length: Year

Prerequisite(s): None

Course Restriction(s): None

Foreign Language

Course Name: French I

Department: Elective

Grade Level(s): 9, 10, 11, 12 ***Credit Type:*** EL

Course Description:

In French I, students will explore the French language and culture. The class will be conducted in French as much as possible. Upon completion of this course, diligent students will have a good background of the French language and culture and will be on their way to understanding the French language.

Course Length: Year

Prerequisite(s): It is highly recommended that the student has earned a C or better in English classes. French I involves significant grammar and sentence construction so good language skills are important.

Course Restriction(s): None

Course Name: French II

Department: Elective

Grade Level(s): 10, 11, 12 ***Credit Type:*** EL

Course Description:

French II is a continuation of French I and builds on the skills and vocabulary developed in that course. Listening and reading comprehension are developed to a higher degree. Formal study of grammar and verbs is expanded. Cultural aspects of the language and French speaking countries are further explored.

Course Length: Year

Prerequisite(s): It is highly recommended that the student has earned a C or better in French I due to the language skills needed to do well in the class.

Course Restriction(s): None

Course Name: French III/IV

Department: Elective

Grade Level(s): 11, 12 ***Credit Type:*** EL

Course Description:

French III is a class devoted to learning about French culture and history, through reading French literature, learning more French grammar and developing a larger vocabulary. Speaking in French, as well as learning more verb tenses and improving listening comprehension will be the major course goals.

Course Length: Year

Prerequisite(s): Because this is a very challenging course, it is highly recommended that the student have earned a B or better in French I and II.

Course Restriction(s): None

Course Name: Heritage I

Department: Elective

Grade Level(s): 9, 10, 11, 12 ***Credit Type:*** EL

Course Description:

For native speakers only, this course offers a variety of grammatical, literary, and cultural skills to develop a more professional use of the Spanish language. It focuses on proper construction vs. regional dialect to allow students to learn best practices in using Spanish in the workplace.

Course Length: 1 year

Prerequisite(s): Fluency in Spanish. Student does not need to know how to read or write in Spanish, although it is helpful.

Course Restriction(s): None

Course Name: Heritage II

Department: Elective

Grade Level(s): 9, 10, 11, 12 ***Credit Type:*** EL

Course Description:

For native speakers only, this course is a continuation of Heritage I and offers a variety of grammatical, literary, and cultural skills to develop a more professional use of the Spanish language. It focuses on proper construction vs. regional dialect to allow students to learn best practices in using Spanish in the workplace.

Course Length: Year

Prerequisite(s): Fluency in Spanish. Student does not need to know how to read or write in Spanish, although it is helpful.

Course Restriction(s): None

Course Name: Spanish I

Department: Elective

Grade Level(s): 9, 10, 11, 12

Credit Type: EL

Course Description:

Spanish I is a foundation course based on communication skills that provide students with preliminary functioning in the language. Emphasis will be placed on relation to daily life in all areas including listening, speaking, reading and simple composition. A variety of cultural insight will be presented to increase student's knowledge and understanding of Hispanic culture.

Course Length: Year

Prerequisite(s): It is highly recommended that the student has earned a C or better in English classes. Spanish I involves significant grammar and sentence construction so good language skills are important.

Course Restriction(s): Students fluent in Spanish may test out of Spanish I, without credit, and move directly into Spanish II.

Course Name: Spanish II

Department: Elective

Grade Level(s): 10, 11, 12

Credit Type: EL

Course Description:

Spanish II is a continuation of Spanish I and builds on the skills and vocabulary developed in that course. Listening and reading comprehension skills are developed to a higher degree. Formal study of grammar and verbs are expanded. Cultural aspects of the language and Spanish-speaking countries are stressed.

Course Length: Year

Prerequisite(s): It is highly recommended that the student has earned a C or better in Spanish I due to the language skills needed to do well in the class.

Course Restriction(s): None

Course Name: Spanish III

Department: Elective

Grade Level(s): 11, 12

Credit Type: EL

Course Description:

This course is a continuation of Spanish II and increases in difficulty regarding vocabulary and grammar. An emphasis is placed on becoming informed about the civilization, culture, and customs of the people of the Spanish-speaking world.

Course Length: Year

Prerequisite(s): Because this is a very challenging course, it is highly recommended that the student have earned a B or better in Spanish I and II.

Course Restriction(s): None

General Electives

Course Name: Computer Support Practicum

Department: Practical Arts

Grade Level(s): 11, 12 ***Credit Type:*** PA

Course Description:

Students in this course will be required to work independently and cooperatively with other students to support the computer hardware and software throughout the district. The activities will consist of the fulfillment of tech requests from other students, teachers, administrators, and support staff throughout the district. Students will use reference manuals, tutorial exercises, textbooks, telephone support lines, computers and their peripherals, and on-line documentation and related assistance as they fill tech requests. Students will work in the Help Desk and will develop time management and project prioritization skills as responsibilities change on a daily, and sometimes hourly, basis.

Students are expected to complete 32 summer hours prior to the beginning of school in the fall.

Course Length: Year

Prerequisite(s): Student must complete an application (available at the Help Desk) and be accepted to the Computer Support Practicum course.

Course Restriction(s): None

Course Name: School Yearbook

Department: Elective

Grade Level(s): 10, 11, 12 ***Credit Type:*** EL

Course Description:

This class employs the skills of digital photography, reporting, researching, public relations, management, and computer design with Jostens Yeartech Online, to produce the Monett High School yearbook. Students will work individually and in groups to produce a cumulative product. To be successful in this class, students must possess a sense of responsibility and a good work ethic as deadlines must be met. This class also requires that students be available outside of class to take pictures and to meet deadlines. Students may be required to sell advertisements to local businesses.

Course Length: Year

Prerequisite(s): Completed application with permission from yearbook adviser. Freshman can take with permission from yearbook adviser upon recommendation from middle school yearbook adviser.

Course Restriction(s): None

Mathematics

Course Name: Advanced Math

Department: Mathematics

Grade Level(s): 11, 12

Credit Type: MA

Course Description:

This course is a blended course so most of the instruction is via teacher-made video. The meeting times are mostly for assessments and question/answer sessions. This course is intended to prepare students who want to have a math class in preparation for college. This class will revisit some intermediate and advanced algebra topics including: graphing, various types of equations, systems of equations, and matrices.

Course Length: Semester

Prerequisite(s): Must have earned a grade of C- or above for both semesters in Geometry and Algebra II.

Course Restriction(s): None other than prerequisites.

Course Name: Advanced Placement (AP) Calculus

Department: Mathematics

Grade Level(s): 11, 12

Credit Type: MA

Course Description:

AP Calculus AB includes a review of Analytic Geometry, Trigonometry, the properties of Algebra, and a study of the properties of elementary functions. The application of the limit concept and the development of the concept of derivative and integral as applied to mathematical and physical realms are its primary focus. All enrolled students must complete the AP Calculus AB exam to exit the course.

Course Length: Year

Fee: \$30

Prerequisite(s): Must have earned a grade of C- or better in Pre-Calculus.

Course Restriction(s): None

Course Name: Algebra I

Department: Mathematics

Grade Level(s): 9, 10, 11, 12

Credit Type: MA

Course Description:

In Algebra, variables are used to solve problems and investigate different mathematical situations. The following topics will be included: variables and equations, study of real numbers, solving equations, properties of polynomials, factoring and division of polynomials, Algebraic fractions, quadratic equations, linear equations, systems of equations, and graphing.

Course Length: Year

Prerequisite(s): None

Course Restriction(s): This course is a prerequisite for all other math courses.*

***Special Note:** If Algebra I is taken in 8th grade, students must complete three (3) math credits while in grades 9--12 to meet graduation requirements. Algebra I in 8th grade may fulfill the fourth math credit for Honors or High Honors requirements. Students taking Algebra I in 8th grade must achieve a grade of C- or higher both semesters in order to receive high school credit. Students not achieving this grade requirement must enroll in Algebra I as a freshman.

Course Name: Algebra II

Department: Mathematics

Grade Level(s): 10, 11, 12

Credit Type: MA

Course Description:

After a review of basic properties of Algebra, this course will cover a variety of Algebra topics. These will include the study and graphing of linear equations and relations, systems of linear equations and inequalities, quadratics, polynomial and rational expressions, radicals and irrational numbers, complex numbers, sequences and series, polynomial functions and equations, quadratic relations and systems, logarithms and exponentials functions, and an introduction to probability & statistics.

Course Length: Year

Prerequisite(s): Must have earned one credit each in Algebra I and Geometry.

Course Restriction(s): This course is a prerequisite for Probability & Statistics, Advanced Math, Pre-Calculus, AP Calculus, and DC College Algebra. This course may not be taken concurrently with Intermediate Algebra.

Course Name: College Algebra /Dual Credit (DC) College Algebra

Department: Mathematics

Grade Level(s): 11, 12

Credit Type: MA

Course Description:

This course will include the study of linear and quadratic equations; inequalities and their applications; polynomial, rational, exponential and logarithmic functions; systems of equations; and sequences and series. Course may be taken for three (3) hours of college credit (Math 109) through Drury University and high school credit or for high school credit only.

Course Length: Semester

Fee: Drury University Dual Credit fee is \$70 per credit hour, subject to change.

Prerequisite(s): Must have earned a grade of C or better for both semesters in Geometry and Algebra II. Drury requires a 3.0 or better GPA on a 4.0 scale for admission to Dual Credit courses.

Course Restriction(s): None other than prerequisites.

Course Name: Geometry

Department: Mathematics

Grade Level(s): 9, 10, 11, 12

Credit Type: MA

Course Description:

The course covers the basic vocabulary of plane geometry beginning with points and lines. The concept of mathematical demonstration of logical proof is developed. The basic constructions using compass and straight edge are included. Formulas for areas and volumes of solids are covered. A foundation in Algebra is necessary because Algebraic concepts are used to derive some geometric conclusions.

Course Length: Year

Prerequisite(s): One credit earned in Algebra I.*

Course Restriction(s): This course is a prerequisite for Intermediate Algebra, Algebra II, and all upper level math courses. This course may not be taken at the same time as Algebra I.

***Special Note:** If Algebra I is taken in 8th grade, students must complete three (3) math credits while in grades 9-12 to meet graduation requirements. Algebra I in 8th grade may fulfill the fourth math credit for Honors or High Honors requirements. Students taking Algebra I in 8th grade must achieve a grade of B- or higher both semesters in order to receive high school credit. Students not achieving this grade requirement must enroll in Algebra I as a freshman.

Course Name: Intermediate Algebra

Department: Mathematics

Grade Level(s): 10, 11, 12

Credit Type: MA

Course Description:

After a review of basic properties of Algebra, this course will cover a variety of Algebra topics. These will include the study and graphing of linear equations and relations, systems of linear equations and inequalities, determinants, polynomial and rational expressions, radicals and irrational numbers, complex numbers sequences and series, polynomial functions and equations, quadratic relations and systems, logarithms and exponents, and an introduction to probability.

Course Length: Year

Prerequisite(s): Earned one credit each in Algebra I and Geometry.

Course Restriction(s): This course may not be taken concurrently with Algebra I.

Course Name: Pre-Calculus

Department: Mathematics

Grade Level(s): 11, 12

Credit Type: MA

Course Description:

This course will cover various trigonometry equations and function topics (inverse, polynomial, logarithmic, exponential and rational functions). Several calculus topics will be introduced including limits, instantaneous rates of change, and area of regions bounded by curves.

Course Length: Semester

Prerequisite(s): Must have earned a grade of C- or above for both semesters in Geometry and Algebra II.

Course Restriction(s): None other than prerequisites.

Course Name: Probability & Statistics

Department: Mathematics

Grade Level(s): 11, 12

Credit Type: MA

Course Description:

This course will expose students to a general overview of probability & statistics and prepare them for a college level statistics course. Topics to be covered are: graphing data; measures of center, variation, and position; discrete probability distributions, normal distributions, confidence intervals, and hypothesis testing.

Course Length: Semester

Prerequisite(s): Earned one credit in Algebra II.

Course Restriction(s): None

Music

Course Name: Chamber Choir

Department: Fine Arts

Grade Level(s): 9, 10, 11, 12 ***Credit Type:*** FA

Course Description:

Students must audition for choir placement into Chamber Choir. Through this audition, they must demonstrate appropriate sight-reading and pitch-matching abilities and a healthy well-supported tone quality. Students in Chamber choir must have previously participated in one or more choirs or in another school music ensemble. Students are required to perform in school concerts and additional performances.

Course Length: Year

Prerequisite(s): None

Course Restriction(s): Audition only

Course Name: Concert Choir

Department: Fine Arts

Grade Level(s): 9, 10, 11, 12 ***Credit Type:*** FA

Course Description:

This is a performance based class. Students are enrolled by audition only. Primary emphasis will be on proper singing techniques and good choral tone. Grades are based on proper rehearsal techniques, class participation, performances as well as singing tests, sight reading, and music theory. Participation is required for ALL performances. There are four to five concerts a year in addition to District and State Music Contest, school assemblies, and other outside performance opportunities.

Course Length: Year

Prerequisite(s): Two years minimum in either middle school or high school choir and/or teacher approval. Students must audition for this course.

Course Restriction(s): None

Course Name: Guitar Class

Department: Fine Arts

Grade Level(s): 9, 10, 11, 12

Credit Type: FA

Course Description:

Guitar class is designed to provide a fine art credit to those students with an interest in music, primarily in the area of guitar. This will be a hands-on class that teaches the art of playing guitar to students who desire to learn. Students will learn to read melodies on the musical staff as well as using tabs. This course will include music fundamentals, study of the history and evolution of the guitar, playing techniques, and performance. Students will be required to provide their own acoustic (or classical) guitar as well as purchase the Essential Elements Series Book for Guitar.

Course Length: Semester

Prerequisite(s): None

Course Restriction(s): None

Course Name: Jazz Band

Department: Fine Arts

Grade Level(s): 9, 10, 11, 12

Credit Type: FA

Course Description:

Students are expected to devote time outside of the school day for rehearsals and performances.

During the fall semester, the jazz bands primary focus is to work on All-District audition material, Pep Band music for basketball games, and gear up for the Christmas concert. As a class, we may begin working on competition literature as well. During the concert/competition season, the jazz band will perform in 2-3 formal concerts a year and will be asked to play for various functions around the community.

Students are expected to be present at every competition, home basketball games, as well as attend all concerts.

Please refer to the band handbook/syllabus when referring to make up assignments and grading policies. Since this is an auditioned group, student will **NOT** be allowed to drop until the first semester is complete or has been approved by the instructor.

Jazz Band may be repeated for credit.

Course Length: Year

Prerequisite(s): Must have successfully completed middle school band or have demonstrated the ability to play an appropriate musical instrument. Must also be enrolled in the Marching/Concert Band for the year.

Course Restriction(s): Audition only

Course Name: Marching Band/Concert Band

Department: Fine Arts

Grade Level(s): 9, 10, 11, 12

Credit Type: FA

Course Description:

This course consists of marching band and concert band with opportunities to perform as a woodwind choir, brass choir, and percussion ensembles.

Students are expected to devote time outside of the school day for rehearsals and performances.

During the marching season, the band regularly travels to band competitions. Students are expected to be present at band camp, every competition, home football games, and scheduled rehearsals, which includes early morning and scheduled night rehearsals.

During the concert band season, the band will perform in 2-3 formal concerts a year and will be asked to play for various functions around the community. Students are also expected and encouraged to participate in solo and ensemble contests as well as various honor groups throughout the year.

Please refer to the band handbook/syllabus when referring to make-up assignments and grading policies. Students may drop the course up until April 1st, 2016. After April 1st, students will **NOT** be allowed to drop until the first semester is complete or has been approved by the instructor.

Band may be repeated for credit.

Course Length: Year

Prerequisite(s): Must have successfully completed middle school band or a have demonstrated the ability to play an appropriate musical instrument.

Course Restriction(s): None

Course Name: Piano

Department: Fine Arts

Grade Level(s): 9, 10, 11, 12

Credit Type: FA

Course Description:

This course is designed to introduce students to piano skills and basic music theory. Each student will be expected to assess on every song assigned throughout the year. Students will learn the skills needed to play piano and will perform occasional concerts for the class. Enrollment in this course is limited to availability of keyboards.

Course Length: Semester

Prerequisite(s): None

Course Restriction(s): None

Personal Finance

Course Name: Personal Finance

Department: Personal Finance

Grade Level(s): 11, 12

Credit Type: PF

Course Description:

Through this course students will acquire essential knowledge and skills in order to make informed decisions about real world financial situations. Students will discover how choices influence career options and future earning potential. The course content is designed to help the student make wise spending, saving, and credit decisions and how to make effective use of income to achieve personal financial success.

Course Length: Semester

Prerequisite(s): None

Course Restriction(s): This course should be taken the same year as Health.

Physical Education

Course Name: Cardio Fitness

Department: Physical Education

Grade Level(s): 9, 10, 11, 12 **Credit Type:** PE

Course Description:

This class is designed to teach a variety of skills and techniques used to perform aerobic (cardiovascular) and strength training activities. The students in this class will participate in a variety of fitness related activities such as hi/lo aerobic fitness, kickboxing, yoga/Pilates, core training, and others. Students will learn the importance of exercise, as well as, how to live a healthy lifestyle. Students will develop personal fitness goals and monitor progress on these goals throughout the year. Nutrition education will also be a component of this course. Students will be expected to design and implement some fitness concepts and/or routines during the course of the year.

Course Length: Year

Prerequisite(s): None

Course Restriction(s): None

Course Name: Health

Department: Physical Education

Grade Level(s): 11 **Credit Type:** PE

Course Description:

This class prepares students to understand health and wellness, with special emphasis on physical, social, mental, and emotional health. Topics emphasized will include fitness, nutrition, communicable disease (including sexually transmitted diseases), drugs, alcohol, and tobacco. Other topics include first aid, body systems, life management skills, and how behaviors improve the quality of life.

Course Length: Semester

Prerequisite(s): None

Course Restriction(s): This course should be taken the same year as Personal Finance.

Course Name: Lifetime Activities/Team Sports

Department: Physical Education

Grade Level(s): 11, 12

Credit Type: PE

Course Description:

This class exposes students to leisure-time activities, including individual and team sports. There is a \$20 fee for this course to cover the cost of transportation and game fees to bowling alley, parks, shooting range, etc.

Course Length: Year

Prerequisite(s): Earned one credit in either Cardio Fitness or SCAP.

Course Restriction(s): None

Course Name: Strength and Conditioning for Athletic Performance (SCAP)

Department: Physical Education

Grade Level(s): 9, 10, 11, 12

Credit Type: PE

Course Description:

The primary focus of this class is the improvement of strength and conditioning to optimize athletic performance. The class will include an intense aerobic and anaerobic training routine, developing muscular strength and cardiovascular improvement, plyometric training, as well as agility and quickness drills and fitness terminology. Nutrition, knowledge of the muscle/skeletal systems, as well as, an understanding of the energy systems of the body, sportsmanship and social skills will also be covered.

Course Length: Year

Prerequisite(s): Must be a member of a school athletic team.

Course Restriction(s): None

Science

Course Name: Advanced Placement (AP)/Dual Credit (DC) Biology 101/111

Department: Science

Grade Level(s): 11, 12

Credit Type: SC (2 full credits)

Course Description:

This course is designed to provide students with a learning experience equivalent to that of an introductory college Biology course usually taken by Biology majors during their first year of college. Topics include: Chemistry of life, cells, cellular energetics, heredity, molecular genetics, Evolutionary Biology, diversity of organisms, structure and function of plants and animals, and Ecology. The course will follow the College Board's Advanced Placement (AP) Biology curriculum. The student has the option of taking this course as an AP course or for Dual Credit (4 hours – BIO 101 and BIO 111) through Missouri State University.

Course Length: Year

Fee: \$30 if taken as an AP Course. Dual Credit fee through Missouri State University is \$70 per credit hour.

Prerequisite(s): Must have earned a grade of C- or better in Biology and Chemistry I or have teacher permission. In order to qualify for Dual Credit, Missouri State University requires students to have a 3.0 GPA on a 4.0 scale **and** a composite ACT score of 21 or greater.

Course Restriction(s): None

Course Name: Anatomy & Physiology

Department: Science

Grade Level(s): 11, 12

Credit Type: SC

Course Description:

This course is an advanced study of human anatomy. Students will explore both the structure and functions of human body systems. This is an advanced lab class that will include dissection of a cat. A research paper and class presentation is a requirement of this class.

Course Length: Year

Prerequisite(s): Must have earned a C- or better in Biology and Chemistry, or may be concurrently enrolled in Chemistry.

Course Restriction(s): None

Course Name: Biology

Department: Science

Grade Level(s): 9, 10

Credit Type: SC

Course Description:

Biology is a broad study of life. This course includes the study of: ecology -- biological communities and populations; cells -- cell structure and functions; genetics, heredity, and evolution.

Human/mammal anatomy will be investigated through the dissection of a frog. The coursework for this class will include projects, readings, short writings, and lectures. The lab work for this course will include scientific method, problem solving, collecting and analyzing data, laboratory procedures and writing lab reports. There is a state-required End of Course (EOC) exam given during the spring semester.

Course Length: Year

Prerequisite(s): Must have earned a C-- or better in Physical Science or have teacher permission.

Course Restriction(s): Cannot receive credit for both Biology and Biology--Survey of life.

Special Note: Students must take and pass this course in order to graduate from MHS.

Course Name: Botany

Department: Science

Grade Level(s): 11, 12

Credit Type: SC

Course Description:

This project-based course will introduce students to topics related to plants. The main themes of the course will be how plants grow, develop over time, and impact society. Course content will include plant morphology and physiology. Students will identify and solve issues regarding plants, ranging from optimizing garden production to designing public spaces. This course will engage students in the application of knowledge for real-world impact.

Course Length: Year

Prerequisite(s): Must have earned one credit in Biology or Accelerated Biology or teacher permission.

Course Restriction(s): None

Course Name: Chemistry I/Dual Credit (DC) Chemistry 116/117

Department: Science

Grade Level(s): 11, 12

Credit Type: SC

Course Description:

Chemistry I is a course in which students investigate the composition of matter and the physical and chemical changes it undergoes. Students will use process skills to study the fundamentals of matter emphasizing the classification of substances, structure of atoms, interactions between matter and energy, the concept of the mole, chemical composition, reaction processes, acids and bases, nuclear chemistry, and stoichiometry. Students will also be introduced to gas law problems and molar volume relationships in chemical reactions. Scientific method, qualitative and quantitative data collection, graphical analysis, and laboratory procedures will be included in this course. This course may be dual enrolled through Missouri State University as a general education science credit. The student has the option of taking this course for Dual Credit (5 hours – CHM 116 and CHM 117) through Missouri State University. Students interested in taking the AP test can complete extra curriculum throughout the class.

Course Length: Year

Fee: Dual Credit fee through Missouri State University is \$70 per credit hour

Prerequisite(s): Juniors/Seniors: Must have earned a C- or better in Physical Science and Biology, as well as a B- or better in Algebra I and Geometry. Sophomores: A- or higher in Physical Science and Algebra I. In order to qualify for Dual Credit, Missouri State University requires students to have a 3.0 GPA on a 4.0 scale **and** a composite ACT score of 21 or greater.

Course Restriction(s): None

Course Name: Chemistry II/Dual Credit (DC) Chemistry 160/161

Department: Science

Grade Level(s): 11, 12

Credit Type: SC (2 full credits)

Course Description:

This course is designed to be the equivalent of the general chemistry course taken during the first year of college. The class will offer a laboratory experience equivalent to that of a college course. Topics covered include atomic theory and structure, chemical bonding, nuclear chemistry, gas laws, reaction types, stoichiometry, equilibrium, acid/base chemistry, kinetics, thermodynamics, electrochemistry, periodic relationships, and introduction to organic chemistry. Students are expected to devote a considerable amount of unsupervised individual study time in addition to the time spent in class. The student has the option of taking this course for Dual Credit (5 hours – CHM 160 and CHM 161) through Missouri State University. Students interested in taking the AP test can complete extra curriculum throughout the class.

Course Length: Year

Fee: Dual Credit fee through Missouri State University is \$70 per credit hour, subject to change.

Prerequisite(s): Must have earned a grade of C- or better in Chemistry I and Algebra II or teacher permission. In order to qualify for Dual Credit, Missouri State University requires students to have a 3.0 GPA on a 4.0 scale **and** a composite ACT score of 21 or greater.

Course Restriction(s): None

Course Name: Earth Science/Dual Credit (DC) Geology 110

Department: Science

Grade Level(s): 11, 12

Credit Type: SC

Course Description:

This laboratory science course is designed to develop an understanding of the Earth and its surroundings through the study of meteorology, geology and astronomy. Topics covered include weather forecasting, volcanic activity, earthquakes, storms, polar ice caps, the atmosphere, and plate tectonics. This course may be dual enrolled through Missouri State University as a general education science credit.

Course Length: Year

Fee: Dual Credit fee through Missouri State University is \$70 per credit hour, subject to change.

Prerequisite(s): Must have earned a grade of C- or better in Physical Science and Biology. Missouri State University requires students to have a 3.0 GPA on a 4.0 scale **and** a composite ACT score of 21 or greater.

Course Restriction(s): None

Course Name: Physical Science

Department: Science

Grade Level(s): 9, 10, 11, 12

Credit Type: SC

Course Description:

This course will introduce students to the study of the physical science world around us. Students will use the scientific method of problem solving and develop proper lab technique. Areas of study include an introduction to Physics, Chemistry and Earth Science.

Course Length: Year

Prerequisite(s): None

Course Restriction(s): None

Course Name: AP Physics

Department: Science

Grade Level(s): 11, 12

Credit Type: SC

Course Description:

This lab-based course is the study of mechanics involving vector addition, motion, forces, universal gravitation, momentum and its conservation, and the study of waves and light. Students will apply algebraic and trigonometric calculations throughout the course. Students will need to have their own scientific calculators.

Course Length: Year

Prerequisite(s): Must have earned a grade of C- or better in Physical Science, Biology, and Algebra II (may be concurrently enrolled in Algebra II).

Course Restriction(s): None

Course Name: Special Topics in Science

Department: Science

Grade Level(s): 11, 12

Credit Type: SC

Course Description:

In this course students will analyze Hollywood films for their science fiction vs. science fact content. The student then will answer questions and research themes from the movies to determine what was scientifically possible then, now, and potentially in the future. Students will learn and use two styles of citation used in scientific works, APA and Chicago.

Course Length: Semester

Prerequisite(s): Must have earned a grade of C- or better in Physical Science, Biology, and English II.

Course Restriction(s): May be taken one time during fall semester and one time during spring semester anytime during the junior or senior year.

Social Studies

Course Name: Advanced Placement (AP) US Government & Politics/Dual Credit GOV PLSC 101

Department: Social Studies

Grade Level(s): 11, 12

Credit Type: SS

Course Description:

The student will advance his/her understanding of the United States government and politics both in theory and practice. To achieve this understanding, students will study extensively the theoretical perspectives and tenets of the U.S. Constitution, as well as the political beliefs and behaviors that serve as the foundation of U.S. political culture. Other major topics include the following: political parties, interest groups, and mass media, institutions of national government, public policy, and civil rights and civil liberties. All enrolled students must complete the AP Government and Politics exam to exit the course. This course may be taken dual enrollment through Drury as a general education Political Science credit (PLSC 101).

Course Length: Year

Fee: \$30. Dual Credit fee through Drury University is \$70 per credit hour, subject to change.

Prerequisite(s): Must have earned a grade of B- or better in both semesters of U.S. History and World History/Geography.

Course Restriction(s): None

Special Note: Students must take and pass this course or American Government in order to graduate from MHS.

Course Name: Advanced Placement (AP) U.S. History/Dual Credit (DC) History 101

Department: Social Studies

Grade Level(s): 11, 12

Credit Type: SS

Course Description:

This class will be reading intensive. The objective of this course is to increase the student's understanding of United States history with the goal of having each student pass the AP Examination. The course is divided into two semesters, Discovery through Reconstruction and The Gilded Age to the present. The areas of concentration include social, political and economic history coupled with an intense study of cultural and intellectual institutions and their development. These areas will be studied from a variety of perspectives with the hope of providing a balanced view of history. This course will be taught at the college level. The major difference between a high school and college history course is the amount of reading, concentration on thesis writing, and depth of content focus. Moreover, the AP curriculum stresses higher order thinking skills within a rigorous academic context. Thus, the student will be required frequently to analyze, synthesize, and evaluate primary and secondary historical sources in addition to memorizing, comprehending, and applying facts. All enrolled students must complete the AP U.S. History exam to exit the course.

Course Length: Year

Fee: \$30 Dual Credit fee through Drury University is \$70 per credit hour, subject to change.

Prerequisite(s): Earned one credit each in U.S. History and World History. If low enrollment doesn't allow AP U.S. History as a scheduled class, students who have taken AP World History and scored a 3 or higher on the AP World History exam may take this as an independent study course.

Course Restriction(s): None

Course Name: Advanced Placement (AP) World History/Dual Credit (DC) History 107

Department: Social Studies

Grade Level(s): 10, 11, 12

Credit Type: SS

Course Description:

This class will be reading intensive. Students will develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is achieved through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge used in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Periodization, explicitly discussed, forms an organizing principle for dealing with change and continuity throughout the course. Specific themes provide further organization to the course, along with consistent attention to contacts among societies that form the core of world history as a field of study. There will be an emphasis on writing three main types of essays in this class; Document Bases Questions (DBQs), Change Over Time (COT), and Comparison/Contrast. These essays will compose 50% of the AP exam in May. All enrolled students must complete the AP World History exam to exit the course.

Course Length: Year

Fee: \$30 . Dual Credit fee through Drury University is \$70 per credit hour, subject to change.

Prerequisite(s): Earned one credit in U.S. History or World History. Open to sophomores who have earned a B- or higher in both U.S. History and English I.

Course Restriction(s): May not be taken concurrently with World History or Survey of World History.

Course Name: American Government

Department: Social Studies

Grade Level(s): 11

Credit Type: SS

Course Description:

This course will provide students with a basic understanding of the governmental system of the United States. Other types of governmental systems found throughout the world will be studied as well. Topics such as civil rights, voting rights, political parties, interest groups, and the structure of federal, state, and local governments will be covered. Students will also learn the basic fundamentals of economics such as supply and demand, inflation, and factors of production.

Course Length: Year

Prerequisite(s): None

Course Restriction(s): None

Special Note: Students must take and pass this course or AP Government and Politics in order to graduate from MHS.

Course Name: Contemporary Issues

Department: Social Studies

Grade Level(s): 11, 12

Credit Type: SS

Course Description:

Contemporary Issues makes use of news magazines, television, news programs, and the library to research controversial and current issues. This class places heavy emphasis on research, projects, and discussion. Course may be repeated as content will change.

Course Length: Semester

Prerequisite(s): Must have earned one credit each in U.S. History and World History/Geography.

Course Restriction(s): None

Course Name: Psychology

Department: Social Studies

Grade Level(s): 11, 12

Credit Type: SS

Course Description:

The course begins with an introduction to psychology and an examination of methodology. The study of growth and development deals with physical, motor, language, emotional, social, intellectual, and moral development. The examination of the workings of the mind and body focuses on the nervous and endocrine systems, the brain, sleep, dreams, and altered states of consciousness such as hypnosis and meditation. In studying psychological adjustment, stress is analyzed, including what stress is and how to control it.

Course Length: Semester

Prerequisite(s): None

Course Restriction(s): None

Course Name: Sociology

Department: Social Studies

Grade Level(s): 11, 12

Credit Type: SS

Course Description:

This course deals with human relationships. Students will explore cultural variations, adaptation, and conformity. Students will examine the socialization process, social organization, and the five social institutions (family, education, religion, economy, and government). Additionally, students will work throughout the semester on a Google 80/20 project related to social problems.

Course Length: Semester

Prerequisite(s): Earned one credit each in U.S. History and World History/Geography.

Course Restriction(s): None

Course Name: Special Topics in History

Department: Social Studies

Grade Level(s): 11, 12

Credit Type: SS

Course Description:

Many people seem to get their "facts" about history from the movies. But how accurate is that information? In this course, students will look at several Hollywood movies that are "based on a true story" and attempt to determine how factual they really are. This course will give students the opportunity to compare actual historical events with their Hollywood counterparts. Topics may vary, but will be related to some aspect of history.

Course Length: Semester

Prerequisite(s): None

Course Restriction(s): None

Course Name: Survey of U.S. History

Department: Social Studies

Grade Level(s): 9

Credit Type: SS

Course Description:

This course will begin at the end of the Civil War in 1865 and go through the first decade of the twenty-first century. Students will focus on the major political, economical, and social changes that took place in America during that 150-year period. This course will be structured chronologically and move at a pace suitable for students to understand the cause/effect of major events. Students will learn fundamental skills needed to excel in future Social Studies classes.

Course Length: Year

Prerequisite(s): Required for students not enrolling in U.S. History.

Course Restriction(s): Cannot be taken concurrently with U.S. History.

Special Note: Students must take and pass this course or U.S. History in order to graduate from MHS.

Course Name: Survey of World History

Department: Social Studies

Grade Level(s): 10

Credit Type: SS

Course Description:

This course will review ancient the classical Greek and Roman eras and the Middle Ages; however, it will focus on major world religions and the modern world starting with the Renaissance and Reformation and ending with current history. Students will examine major world events from the 1500s to the present that have created the current global society. Major eras to be studied are: Renaissance, Reformation, Columbian Exchange, Scientific Revolution, Enlightenment, Industrial Revolution, Imperialism, WWI, WWII, Cold War (Korean and Vietnam conflicts), and Religious Wars (including terrorism).

Course Length: Year

Prerequisite(s): Must have earned a credit in U.S. History or Survey of U.S. History

Course Restriction(s): None

Course Name: U.S. History

Department: Social Studies

Grade Level(s): 9

Credit Type: SS

Course Description:

This course will trace United States history from 1865 to the present. This will include people and events that helped shape our country through political, social, and economic means. Special emphasis will be placed on the development of concepts and analytical skills.

Course Length: Year

Prerequisite(s): Students that earned a C- or better in second semester 7th grade social studies AND first semester 8th grade social studies are required to take this course.

Course Restriction(s): None

Special Note: Students must take and pass this course or Survey of U.S. History in order to graduate from MHS.

Course Name: World History

Department: Social Studies

Grade Level(s): 10

Credit Type: SS

Course Description:

Students will examine major world events from the 1500s to the present as separate yet connected events that have collectively influenced and created the current global society. This course will follow thematic and chronological developments in world history with an emphasis on historical writing; change over time, comparison contrast, and document based essays. The course will investigate classical Greek and Roman eras, the Middle Ages, major world religions, the Renaissance and Reformation, the Columbian Exchange, the Scientific Revolution, the Enlightenment, the Industrial Revolution, Imperialism, WWI, WWII, the Cold War (Korean and Vietnam conflicts), and Religious Wars (including terrorism).

Course Length: Year

Prerequisite(s): Must have earned one credit in U.S. History or Survey of U.S. History.

Must have earned a C- or higher in ninth grade history and English I.

Course Restriction(s): This course cannot be taken concurrently with Survey of World History or AP World History.

Course Name: World Geography

Department: Social Studies

Grade Level(s): 11, 12

Credit Type: SS

Course Description:

This course focuses on the relationships among people, places, and environments that result in geographic patterns on the earth. The students will use geographic methods to compare and analyze landforms, climates, and natural resources, as well as cultural, political, economic, and religious characteristics of the world regions. Students will use a variety of interdisciplinary sources, both primary and secondary, such as maps, pictures, and documents to learn about the geography of different world regions.

Course Length: Semester

Prerequisite(s): None

Course Restriction(s): None

Special Services/ ELL

Course Name: Academic Writing--ELL

Department: Communication Arts

Grade Level(s): 9, 10, 11, 12 **Credit Type:** CA

Course Description:

This course is designed for transitioning ELL students. This course will focus on writing for a classroom setting. Emphasis will be on the writing process, various academic writing structures, and advanced grammar structures.

Course Length: Year

Prerequisite(s): Must have ELL instructor and counselor approval.

Course Restriction(s): None

Course Name: English A--ELL

Department: Communication Arts

Grade Level(s): 9, 10, 11, 12 **Credit Type:** CA

Course Description:

This is a beginning to low--intermediate level course for ELL students. Emphasis will be on grammar, vocabulary, and writing.

Course Length: Semester

Prerequisite(s): Must have ELL instructor and counselor approval.

Course Restriction(s): This course should be taken the same year as Literature A-- ELL.

Course Name: English B--ELL

Department: Communication Arts

Grade Level(s): 9, 10, 11, 12 **Credit Type:** CA

Course Description:

This is an intermediate level course for ELL students. Emphasis will be on grammar, vocabulary, and writing.

Course Length: Semester

Prerequisite(s): Must have ELL instructor and counselor approval.

Course Restriction(s): This course should be taken the same year as Literature B-- ELL.

Course Name: English C--ELL

Department: Communication Arts

Grade Level(s): 9, 10, 11, 12

Credit Type: CA

Course Description:

This is an advanced level course for ELL students. Emphasis will be on grammar, vocabulary, and writing.

Course Length: Semester

Prerequisite(s): Must have ELL instructor and counselor approval.

Course Restriction(s): This course should be taken the same year as Literature C-- ELL.

Course Name: Introduction to Theatre

Department: Fine Arts

Grade Level(s): 9, 10, 11, 12

Credit Type: FA

Course Description:

This course will expose students to the basics of theatre through technical and performance aspects.

Course Length: Year

Prerequisite(s): Teacher and counselor approval are required.

Course Restriction(s): None

Course Name: Lifeskills

Department: Practical Arts

Grade Level(s): 9, 10, 11, 12

Credit Type: PA

Course Description:

This course helps prepare students to live as independently as possible in adult life. Topics: include cooking, cleaning, self-care, pre-vocational skills, and community-- based activities.

Course Length: Year

Prerequisite(s): Must have teacher recommendation and counselor approval.

Course Restriction(s): None.

Course Name: Literature A-ELL

Department: Communication Arts

Grade Level(s): 9, 10, 11, 12 ***Credit Type:*** CA

Course Description:

This is a beginning to low--intermediate level course for ELL students. This course will explore elements of fiction (short stories, poetry, plays, and novels) and non--fiction (news articles and reading for content classes).

Course Length: Semester

Prerequisite(s): Must have ELL instructor and counselor approval.

Course Restriction(s): This course should be taken the same year as English A--ELL.

Course Name: Literature B-ELL

Department: Communication Arts

Grade Level(s): 9, 10, 11, 12 ***Credit Type:*** CA

Course Description:

This is an intermediate level course for ELL students. This course will explore elements of fiction (short stories, poetry, plays, and novels) and non--fiction (news articles and reading for content classes).

Course Length: Semester

Prerequisite(s): Must have ELL instructor and counselor approval.

Course Restriction(s): This course should be taken the same year as English B--ELL.

Course Name: Literature C-ELL

Department: Communication Arts

Grade Level(s): 9, 10, 11, 12 ***Credit Type:*** CA

Course Description:

This is an advanced level course for ELL students. This course will explore elements of fiction (short stories, poetry, plays, and novels) and non--fiction (news articles and reading for content classes).

Course Length: Semester

Prerequisite(s): Must have ELL instructor and counselor approval.

Course Restriction(s): This course should be taken the same year as English C--ELL.

Course Name: Math

Department: Mathematics

Grade Level(s): 9, 10, 11, 12

Credit Type: MA

Course Description:

Life Skills math helps prepare students for the math they will encounter in everyday life. Topics include money, math fact fluency, data collection, time, and others.

Course Length: Year

Prerequisite(s): Permission from the counselor and teacher.

Course Restriction(s): None

Course Name: Math--ELL

Department: Mathematics

Grade Level(s): 9, 10, 11, 12

Credit Type: MA

Course Description:

This course is for newcomer ELL students and is intended to give students an overview of the math skills that will be needed for future math courses. Emphasis will be on the language of math and establishing a strong foundation in basic math skills.

Course Length: Semester

Prerequisite(s): Must have ELL instructor and counselor approval.

Course Restriction(s): None

Course Name: Newcomer English--ELL

Department: Communication Arts

Grade Level(s): 9, 10, 11, 12

Credit Type: CA

Course Description:

This course is for newcomer ELLs. This course will focus on the four language skills: reading, writing, speaking, and listening. Emphasis will be on vocabulary.

Course Length: Year

Prerequisite(s): Must have ELL instructor and counselor approval.

Course Restriction(s): None

Course Name: Physical Education

Department: Physical Education

Grade Level(s): 9, 10, 11, 12

Credit Type: PE

Course Description:

This class provides students an opportunity to participate in activities and stay physically active. Basic movements involving locomotor skills will be incorporated into the activities. Students will also learn the rules of games, sportsmanship, teamwork, and cooperation.

Course Length: Year

Prerequisite(s): Must have teacher recommendation & Physical Educator approval.

Course Restriction(s): None

Course Name: Reading (READ 180)

Department: Communication Arts

Grade Level(s): 9, 10, 11, 12

Credit Type: CA (2 credits)

Course Description:

Students will use the Read 180 computer--based reading program designed to increase basic reading skills in order to meet the rigorous expectations of high school and experience success in the classroom.

Course Length: Year

Prerequisite(s): Must have teacher and counselor approval.

Course Restriction(s): None

Course Name: Science--ELL

Department: Science

Grade Level(s): 9, 10, 11, 12

Credit Type: SC

Course Description:

This course will give newcomer ELLs an overview of science concepts that will be studied in Physical Science, Biology, and Earth Science. Emphasis will be on the language of science.

Course Length: Semester

Prerequisite(s): Must have ELL instructor and counselor approval.

Course Restriction(s): None

Course Name: Study Skills

Department: Elective

Grade Level(s): 9, 10, 11, 12 ***Credit Type:*** EL

Course Description:

Students will be given time and assistance to complete homework assignments, projects, and finish tests. Students will learn strategies in time management, organization, note and test taking. Students will also participate in transition activities.

Course Length: Year

Prerequisite(s): Must have Counselor and Teacher permission.

Course Restriction(s): None.

Course Name: Transition English

Department: Communication Arts

Grade Level(s): 9, 10, 11, 12 ***Credit Type:*** CA

Course Description:

This course is designed to assist students in developing and strengthening the knowledge and language skills necessary to achieve their academic, professional, and personal goals. The class provides a supportive learning environment for students while fostering social interaction and understanding. The Scholastic READ 180 and System 44 program is instrumental in promoting learning in this classroom.

Course Length: Year

Prerequisite(s): Must have teacher and counselor approval.

Course Restriction(s): None

Course Name: Transition Math

Department: Mathematics

Grade Level(s): 9, 10, 11, 12 ***Credit Type:*** MA

Course Description:

Transition Math is designed to prepare students for their next math class. Curriculum varies based on student needs, but may include Algebra concepts, Geometry concepts, money, time, measurement, and project based learning.

Course Length: Year

Prerequisite(s): Permission from counselor and teacher.

Course Restriction(s): None

Course Name: U.S. History--ELL

Department: Social Studies

Grade Level(s): 9, 10, 11, 12

Credit Type: SS

Course Description:

This course is for beginner to advanced ELL students and is intended to give them a general overview of U.S. History from the early beginnings through current times. Emphasis will be on events after 1865.

Course Length: Year

Prerequisite(s): Must have ELL instructor and counselor approval.

Course Restriction(s): None

Special Note: U.S. History--ELL is offered in years in which the fall semester is in an odd-numbered calendar year.

Course Name: World History--ELL

Department: Social Studies

Grade Level(s): 9, 10, 11, 12

Credit Type: SS

Course Description:

This course is for beginner to advanced ELL students and is intended to give students a general overview of world history from prehistoric times to current world events. Emphasis is on language and vocabulary.

Course Length: Year

Prerequisite(s): Must have ELL instructor and counselor approval.

Course Restriction(s): None

Special Note: World History--ELL is offered in years in which the fall semester is in an even-numbered calendar year.

Speech/Debate/Drama

Course Name: Novice Debate & Forensics

Department: Fine Arts

Grade Level(s): 9, 10, 11, 12 ***Credit Type:*** FA

Course Description:

This course is designed for students wanting to learn how to debate, learn the methods of public speaking, and/or aspects of drama competitions. This class is for first year competitors. Students will learn different forms of debate and many different speaking and performing events. Students are required to compete in weekend tournaments.

Course Length: Year

Prerequisite(s): None

Course Restriction(s): None

Course Name: Varsity Debate/Forensics

Department: Fine Arts

Grade Level(s): 9, 10, 11, 12 ***Credit Type:*** FA

Course Description:

This course is designed for students who want to continue competing in debate and forensics. Students will attend three tournaments per semester.

Course Length: Year

Prerequisite(s): Earned one credit of Debate & Forensics or permission of the instructor.

Course Restriction(s): None

Course Name: Drama

Department: Fine Arts

Grade Level(s): 9, 10, 11, 12

Credit Type: FA

Course Description:

This class is for students interested in the world of theatre and is an introductory course in the basics of theatre.

Course Length: Year

Prerequisite(s): None

Course Restriction(s): None

Course Name: Stagecraft

Department: Fine Arts

Grade Level(s): 9, 10, 11, 12

Credit Type: FA

Course Description:

This class is for students interested in learning about the technical elements of theatre. Topics include sound, lighting, costumes, make up, and set construction.

Course Length: Year

Prerequisite(s): None

Course Restriction(s): None

GO CAPS COURSE DESCRIPTIONS

Grade Level(s): 11, 12

Credit Type: PA (3)

Course Length: Year

Education Strand:

This course is designed to assist students interested in pursuing a career in education. Students will have opportunities to observe and work alongside both teachers and other students, as well as provide service in a variety of classroom settings. These in-classroom opportunities will vary in length, grade level, and content. In addition to working directly with students and teachers, GO CAPS Teacher Education students will participate in "professional development" which will include learning from other education professionals and guest speakers. Students will have the opportunity to tour schools both inside and outside of the Monett School District.

Expectations include: Effective verbal and written communication skills, the ability to follow directions and work cooperatively with others. Exemplary attendance is also a must. Students are expected to dress in business casual. For men this means dress pants, khakis, collared shirts, or pullovers. "Dressy" t-shirts are permissible so long as there are no graphics on the shirts. For women business casual means at least knee length dresses or skirts, dress pants, nice tops, etc. Dress shoes are required for men or women. No jeans or shorts allowed!

Engineering and Manufacturing Strand:

This course is designed for students interested in engineering and manufacturing. Students will interact with professional engineers and manufacturers, learn lean manufacturing processes, explore all careers in engineering and manufacturing, and work alongside professionals on real-world, hands-on projects to create value for customers. The development of professional soft skills will be a focus throughout the year. Students attend class at EFCO Corporation. Dual credit is offered through Drury.

Expectations include: Effective verbal and written communication skills, the ability to follow directions and work cooperatively with others. Exemplary attendance is also a must. Students are expected to dress in business casual. For men this means dress pants, khakis, collared shirts, or pullovers. "Dressy" t-shirts are permissible so long as there are no graphics on the shirts. For women business casual means at least knee length dresses or skirts, dress pants, nice tops, etc. Dress shoes are required for men or women. No jeans or shorts allowed!

Medicine and Health Care Strand:

This course will immerse students in the world of medicine and health care. Students will attend class at CoxMonett Hospital while expanding upon the principles of human physiology through in-depth case studies of body systems and medical fields of studies. They will develop fluency in basic medical language, formulate treatment plans for patients and practice physical assessment skills under the oversight of various medical and health professionals. Students will be exposed to hospital administration principles, as well as marketing, public relations, and other concepts applied to healthcare management. Students will apply knowledge to real-world problems facing medicine, health and wellness companies. The development of professional soft skills will be a focus throughout the year. Dual credit will be offered.

Expectations include: Effective verbal and written communication skills, the ability to follow directions and work cooperatively with others. Exemplary attendance is also a must. Students are expected to dress in business casual. For men this means dress pants, khakis, collared shirts, or pullovers. “Dressy” t-shirts are permissible so long as there are no graphics on the shirts. For women business casual means at least knee length dresses or skirts, dress pants, nice tops, etc. Dress shoes are required for men or women. No jeans or shorts allowed!

Technology Solutions Strand:

This course is designed for students interested in information technology (IT), computer information systems, computer programming, and interactive web and media design. Students will interact with professional computer science engineers and professionals from IT, CIS and software development companies, exploring the variety of career options in the technology space. Students will also work with professionals on real-world projects and programs. Students attend class at Jack Henry & Associates. The development of professional soft skills will be a focus throughout the year. Dual credit is offered through Drury.

Expectations include: Effective verbal and written communication skills, the ability to follow directions and work cooperatively with others. Exemplary attendance is also a must. Students are expected to dress in business casual. For men this means dress pants, khakis, collared shirts, or pullovers. “Dressy” t-shirts are permissible so long as there are no graphics on the shirts. For women business casual means at least knee length dresses or skirts, dress pants, nice tops, etc. Dress shoes are required for men or women. No jeans or shorts allowed!

Scott Regional Technology Center

COURSE DESCRIPTIONS 2016-2017

Advertising: What does it take to create amazing advertisements and promotions for brands such as Nike, Facebook, Hollister, Target, the St. Louis Cardinals, and more? Advertising is the activity producing advertisements for commercial products or services. This course will help you learn about the creation, execution, transmission and evaluation of messages for all types of products and brands, including our campus store, the Scotty Store. *Recommendation: Keyboarding or Computer Applications*

Advertising students will also have the opportunity to experience the Career and Technical Student organization DECA.

DECA is part of an international organization for high school and college students that provide avenues for personal and professional development in the areas of leadership, social skills, and civic consciousness. In DECA you will become a leader, travel, make new friends, develop job skills, earn scholarships, learn about exciting careers such as fashion merchandising, sports marketing, advertising, travel and tourism, hospitality, plus more. But most importantly, you will have fun! Take Advertising, join DECA and THRIVE!

Auto Collision Repair is a two-year program for three credit hours per year. This program is designed to teach all major aspects of the Auto Collision Industry processes as set by I-CAR (Inter-Industry Conference on Auto Collision Repair) as well as to refine skills needed to be successful in the Collision field and related work areas. Whether students go to work or choose to further their education, they will excel because of the knowledge and skills they have obtained in Auto Collision at SRTC. Students have the opportunity to participate as a member of Skills USA, to demonstrate their knowledge of collision repair at local and state contests. *Recommendation: proficiency in standard/metric math skills and reading skills.*

College Credit Opportunity:

Dual Credit -- OTC -- 8 hours

Articulated Credit -- State Technical College (Linn State) -- 4 hours

Automotive Technology is a two-year program, which offers study and training in the diagnosis and repair of automobiles. An ASE Master Certified instructor teaches the program. The program consists of study in the areas of brakes, suspension and steering, electrical, engine performance, heating and air conditioning, engines, and power trains. Automotive safety is integrated throughout all phases of the course. Students can earn college credit hours and ASE student certification by enrolling in Automotive Technology. *Recommendation: proficient reading skills.*

College Credit Opportunity:

Dual Credit -- Crowder -- 4 hours Credit by

Exam -- Crowder -- 17 hours Articulated

Credit -- OTC -- 16 hours

Computer Maintenance and Networking is a two-year course that places emphasis on computer maintenance one year and networking the following year. The class is designed for high school students and adults that can devote two years to complete the course. Students that can only take the course for one year are allowed with the understanding that they will only complete one half of the course depending upon which cycle that the course is in. The course is designed to give the student the knowledge necessary to pass the CompTIA A + and Network + certifications. Students will have the opportunity to assemble PCs from components, troubleshoot, upgrade computers, install and configure operating systems, design networks, install and configure network operating systems, troubleshoot networks, and maintain servers.

College Credit Opportunity:

Credit by Exam -- Crowder -- 8 hours

Construction Technology is a two-year program, which offers study in residential construction. Study includes training for the job market in all areas of the construction phase. Students participate in the layout of footings and foundations, grade elevations, plan reading, rough and finish carpentry, and residential wiring. Students can earn OSHA certification. *Recommendation: General Math.*

College Credit Opportunity:

Articulated Credit -- OTC -- 4 hours Credit
by Exam -- Crowder -- 6 hours

Culinary Arts is a two-year course where the homework tastes great! This course prepares students to enter the hospitality industry or post-secondary education at an above-average level. Culinary arts is a foundation to a great career in the industry. Some career opportunities include chef, baker, cake decorator, salesperson, hotel clerk, and server. Many of the careers require more training at the post-secondary level or on-the-job. Major units of study include: safety and sanitation, food prep, customer service, baking, cake decorating, purchasing, costing, and hotel service. Culinary arts also addresses employability skills, resume writing and leadership skills through SkillsUSA. The students may compete at district, state, and possibly national level in SkillsUSA. *Recommendation: FACS class(es) and Applied Math.*

College Credit Opportunity:

Dual Credit -- OTC -- 3 hours Articulated
Credit -- OTC -- 6 hours
Articulated Credit -- Sullivan University -- 12 hours

Diesel Technology is for students who are interested in medium and heavy-duty diesels as found in today's transportation industry. This is a two-year program that follows NATEF (National Automotive Technicians Education Foundation) guidelines. Students will spend time in both classroom studies and in the laboratory developing hands-on skills. Live and simulated units will be used for instruction. Students must be interested in heavy-duty equipment repair and have some mechanical aptitude. Students need the ability to work with tools, sophisticated machines, solve problems, troubleshoot and develop professional customer service skills.

Recommendation: proficient reading skills.

College Credit Opportunity:

Articulated Credit -- OTC -- 8 hours
Credit by Exam -- Crowder -- 16 credit hours

Early Childhood Careers is two-year program designed for students who desire to work in careers involving young children and their families. Students will have experiences with preschoolers through the SRTC preschool. Students will be responsible for planning activities that stimulate a child's mental, physical, emotional and social growth. Trainees will learn to provide a safe, healthy and loving environment that will allow children to explore and develop their natural curiosity and imagination. Students enrolled in the class are required to have TB tests and background checks. *Recommendation: FACS class(es), especially Child Development.*

College Credit Opportunity:

Articulated Credit -- OTC -- 12 hours Credit
by Exam -- Crowder -- 6 hours

Graphic Design is a two-year course designed to prepare students to work in various fields of the graphics industry. This is a course that focuses on the development of visual concepts, basic design principles and elements of visual communications. Emphasis will be on the creative process, typography, color systems, vector artwork, photo editing, document production, and imagery through different forms of communication and by using various software. Students will work on projects associated with the text as well as outside projects as they become available. *Prerequisite Suggestions (Not Required): Computer Applications, Photography, Applied Mathematics, Digital Communications, Art & Design*

College Credit Opportunity:

Dual & Articulated Credit -- OTC -- 3 hours

Health Occupations is a one-year program for high school juniors and seniors. This program utilizes knowledge, skill and professional conduct to explore various careers available in the health field. This course provides the student with the opportunity to develop leadership skills, therapeutic communication, basic patient-care skills, problem solving and a successful work ethic, necessary to become a health service assistant.

First semester is spent in the classroom and laboratory. Students will develop competency in procedures such as measuring a temperature, pulse, blood pressure, counting respirations, infection control procedures and assisting with activities of daily living. Strong emphasis is placed on medical terminology evidenced by weekly assessments.

Second semester the students will be required to participate in clinical rotations with the emphasis on job placement. The clinical facilities utilized are Lacoba Homes, Cox Monett Hospital and other allied health areas. Rotations will be through diversified health care areas including laboratory, pharmacy, emergency room, labor and delivery, radiology, physical/occupational/speech therapy, acute care hospital, residential/nursing homes, dental and veterinary hospital. Students interested in another aspect of health-care should consult Mrs. Schmidly. *Recommendation: Biology, and Anatomy and Physiology.*

Certifications Available:

Missouri State Certified Nursing Assistant
American Heart Association Basic Life Support for Healthcare Provider
American Heart Association Adult First Aid Certification

College Credit Opportunity:

Dual Credit - Crowder - 7 hours
Credit by Exam - Crowder - 7 hours

JROTC (Junior Reserve Officer Training Corps) program is designed to teach high school students the value of citizenship, leadership, community service, personal responsibility, and a sense of accomplishment, while instilling self-esteem, teamwork, and self-discipline. Also, students will learn personal finance, health and fitness. The focus is reflected in the mission statement, "To motivate young people to be better citizens." Instructors are retired military personnel. JROTC is not a recruitment program for the military. Participation in JROTC incurs no military obligation. However, students choosing to go into the military may have the opportunity of entering at a higher rank after completion of the program. Many scholarship opportunities are available for JROTC students entering college directly after high school. Recommendation: Great for self-esteem, character building, and leadership training

Marketing is the process of creating, pricing, promoting, and selling the products consumers purchase in the marketplace. Marketing provides a competitive edge that is necessary in today's fast paced world. Students will be given the opportunity to gain an appreciation of the role of marketing by operating and promoting the Scotty Store, the campus school store. 2nd year Marketing students can get the opportunity to do an internship for job experience and class credit. Become more successful in your future career by enrolling in Marketing!
Recommendation: General Business, Computer Applications and Keyboarding Proficiency.

If you live in the real world and like to talk about the real world, why not learn about the real world in a great class? Marketing students have the opportunity to experience the Career and Technical Student organization DECA.

DECA is part of an international organization for high school and college students that provide avenues for personal and professional development in the areas of leadership, social skills, and civic consciousness. In DECA you will become a leader, travel, make new friends, develop job skills, earn scholarships, learn about exciting careers such as fashion merchandising, sports marketing, advertising, travel and tourism, hospitality, plus more. But most importantly, you will have fun! Take Marketing, join DECA and THRIVE!

College Credit Opportunity:
Dual Credit—Crowder
Articulated Credit – OTC

Precision Machining is a two-year program in a rapidly changing field. This course provides instruction and practice in the use of precision measuring tools, blueprints, lathes, milling machines, grinders, and computer numerical controlled machines. Emphasis on setup and operation of machine tools, including the selection and use of work-holding devices, speeds, feeds, cutting tools, and coolants. Upon completion, students should be able to perform basic procedures on precision grinders as well as performing advanced operations of measuring, layout, drilling, sawing, turning, and milling.

Precision Machining is a great program for students interested in Mechanical Engineering, or Industrial Maintenance and Machine Repair. Students also learn the design process as well as make the parts they design.

Metalworking industries are expanding output and adding automatic and computer-controlled machines. This is resulting in less demand for semi-skilled operators and increased demand for more highly skilled machinist, engineers, tool and die makers, jig and fixture builders, tool grinders, CNC technicians and quality control inspectors. For those who have acquired a thorough background in machining operations, blueprint reading, design, math and a working knowledge of the properties of metals, the job outlook is promising. *Recommendations: Algebra and Industrial Technology.*

College Credit Opportunity:

Articulated Credit - OTC - 4 hours

Articulated Credit - MSSU - 9 hours

Articulated Credit - State Technical College (Linn State) - 7 credit hours

Welding Technology is a two-year program designed to advance the science, technology and application of the welding industry. The welding industry offers excellent opportunities for highly skilled technicians. The national outlook shows a severe shortage due to the retiring workforce. The course provides training recognized by the American Welding Society (AWS). The program is an AWS Schools Excelling through National Skill Standards Education (SENSE) participating educational institution, which offers students enrolled to attain a nationally recognized certification upon successful completion. The course offers study in Occupational Orientation, Safety and Health, Drawing and Welding Symbol Interpretation, Shielded Metal Arc Welding, Gas Metal Arc Welding, Flux Cored Arc Welding, Gas Tungsten Arc Welding, Thermal Cutting Process, and Welding Inspection and Testing. Students have the opportunity to become an AWS Certified Welder and a member of the SRTC AWS Student Chapter of the American Welding Society, which will include membership of AWS District 17-- Section 136/Ozark section. *Recommendation: applied math and science.*

College Credit Opportunity:

Dual Credit -- Crowder -- 12 hours

Articulated Credit -- OTC -- 16 hours Credit

by Exam -- Crowder -- 12 hours

Work Experience Program is available to students with IEPs grade 9 through age 21. To participate, students must be referred by their IEP team, and complete an application and interview. Students may participate in career exploration, job shadowing or Coop.

Job shadow students earn elective credit by doing hands-on work in real work settings. They are not paid. While job shadowing, students learn job skills, work behavior, social skills and communication skills. Excellent attendance, a positive attitude, appropriate dress and good hygiene are required. Job sites are selected based on a student's interests, career goals and abilities, and site availability. Opportunities may include childcare, elder care, food service, automotive, custodial, laundry, greenhouse, retail, sheltered employment or grocery.

One day each week students attend Getting and Keeping a Job class at SRTC. Co-op students are employed and earn both a paycheck from their employer and high school credit. Co-op students must have a job and demonstrate the ability to keep it. They are released from school to go to work.

College Credits Available at SRTC

By attending Scott Regional Technology Center, many students become eligible to receive FREE college credit or college credit at a REDUCED rate! The following options are available for college credit:

Articulated Credit is college credit earned during high school that will be applied to a student's college transcript once they attend that college for at least one semester. Many SRTC classes have articulated credit with several colleges and universities.

Credit by Exam-Crowder College offers high school students college credit upon passing an 'end of course exam'. The student must attend Crowder a full semester and pay \$50 per course to receive transcribed credit. Most SRTC classes have this option.

Dual Credit means the student will receive high school credit and college transcribed credit at the same time. The student will pay a reduced rate to the college. Some SRTC classes have dual credit.

Dual Enrollment offers high school students the opportunity to take college classes at a reduced rate. SRTC is proud to host college classes during the evening hours.

College Partners

SRTC has partnered with the following schools for college credits:

Crowder College

State Technical College (Linn State)

Missouri Southern State University

Ozarks Technical Community College

Pittsburg State University (Individual Student Basis)

Sullivan University