

**Marionville High School**  
**Career Planner**  
**2012-2013**  
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**BEYOND HIGH SCHOOL - WHAT WILL YOU DO?**

Immediate Employment  
Technical School  
Military  
Community College (two-year)  
Four-Year College  
Apprenticeship

**EXPLORE THE OPTIONS:**

- Read about careers and training or college in the high school counseling department, newspapers and public library.
- Use the computer program Missouri Connections to explore the military, technical schools, colleges, careers, financial aid and scholarship information.
- Visit work places, observe, shadow, volunteer and work part-time.
- Visit technical schools, community colleges and four-year universities.

**KNOW YOURSELF:**

EDUCATION-----What courses have you taken? With how much academic challenge are you comfortable with? Do you want to continue with college, vocational training or on-the-job training?

INTERESTS-----What are you interested in – working with people, working alone, working indoors or outdoors? Develop a list of the types of jobs and conditions you like best, but be flexible. Have you chosen one of the six career paths?

SKILLS AND ABILITIES-----Make a list of your skills and abilities. Include your organization skills, management skills and special talents.

EXPERIENCE-----What has been your involvement in clubs, social activities, travel, volunteer work or paid employment? Include the types of responsibilities you have had in these activities.

VALUES-----What are your beliefs and attitudes toward yourself, other people and the world?

AREAS OF IMPROVEMENT----What do you want to improve about yourself?

GOALS-----What do you want to accomplish in four to five years? Develop a plan for immediate and long-range goals.

### **HOW TO USE THIS CAREER PLANNING BOOK**

If your answers to “Know Yourself” indicate that you want to:

• **Enter the work force immediately after graduation:**

- Select courses that give you specific information and skills for employment.
- Examine the Southwest Area Career Center options that include certification and job placement opportunities.

• **Enter the military:**

- Graduate from high school.
- Select courses that prepare you for the military occupational specialty (MOS) in which you are interested.
- Contact local recruiters by telephone or talk with them when they visit our school.

Army– (417) 883-6321 Sgt Kevin Stampfly  
Air Force– (417) 823-3869 Sgt William Gish  
Marines– (417) 881-4044 Sgt Justin Coffelt  
National Guard- (417) 678-4540  
Navy- (417) 881-4252 Timothy Veith

• **Enter technical school, community college or four-year university:**

- Observe the admission requirements and articulation requirements.
- Select the courses required by the school(s) of your choice.
- Maintain a folder consisting of a record of activities, leadership roles, honors, achievements, test scores and courses completed when applying to schools.
- Explore high school educational options that help you develop your lifestyle plan and follow procedures for those you choose.

## **CHOOSING A CAREER PATHWAY**

Each student, working with parents, teachers and counselors, will develop a course of study centered around one of the six broad career paths. The course of study may reflect a general area of interest such as health services, or it may concentrate on a specific occupational goal such as becoming a respiratory therapist or a registered nurse. The following activities will enable students to achieve a designated career pathway:

- Marionville students will be involved in activities designed to expand awareness of a variety of careers.
- In the eighth grade students will be able to choose a career pathway by considering personal interests, personality and strengths. The student will then develop a six-year plan by selecting the courses that are relevant to the variety of occupations in the chosen career pathway.
- The six-year plan will be reviewed each year and modified if needed.
- Activities to explore careers will continue throughout high school.

*If students change their minds:*

A career path choice is **not** a permanent commitment. As students mature and have new experiences, they will learn new things about themselves and may want to change career paths. If a student decides on a new path, this should be discussed with the counselor so the student's four-year plan may be adjusted.

### **CAREER PATHS**

Career Pathways are clusters of occupations or careers that are categorized because many of the people in each one share similar interests, abilities and strengths. You should note the variety of occupations in each pathway which require various levels of training and education. The *possible* occupations listed in the different career pathways on the following pages are only a very small portion of the vast number of occupations in each.

#### **ARTS AND COMMUNICATION**

Are you creative? Imaginative? Innovative? Do you like being original? This pathway prepares students for occupations related to the humanities and the performing, visual, literary and media arts.

#### **BUSINESS, MANAGEMENT AND TECHNOLOGY**

Are you an organizer? Leader? Planner? Are you a good communicator? Do you follow through and persist to see the end product? This pathway prepares students for occupations related to the business environment.

#### **HEALTH SERVICES**

Do you like to help people who are sick? Help people to stay well? Are you interested in the medical field, how the human body works? This pathway prepares students for occupations related to the promotion of health and the prevention and treatment of disease.

**HUMAN SERVICES**

Are you outgoing? Open? Friendly? Do others consider you understanding and cooperative? This pathway prepares students for occupations related to economic, political and social systems.

**INDUSTRIAL AND ENGINEERING TECHNOLOGY**

Are you mechanically inclined? Practical? Like to use your hands and build things? Find out how things work? This pathway prepares students for occupations related to the technologies necessary to design, develop, install or maintain physical systems.

**NATURAL RESOURCES**

Do you like the outdoors? Interested in plants and animals? Curious about the physical world? Like to observe, investigate and solve problems? This pathway prepares students for occupations related to the environment and natural resources.

## **GRADUATION AND CURRICULUM REQUIREMENTS**

To meet the graduation requirements of Marionville High School, graduating students must complete a minimum of 26 units of credit during grades 9 through 12. A student's program must be cooperatively planned and approved by the student, his or her parents and the school. The program shall include courses of study in social studies, science, mathematics, communication skills, fine arts, practical arts and physical education as specified below.

### **TOTAL CREDITS: 26**

Com Arts: 4  
Science: 3  
Math: 3  
Social Studies: 3  
Practical Art: 1  
Fine Art: 1  
PE: 1  
Personal Finance  $\frac{1}{2}$   
Computers  $\frac{1}{2}$   
Health:  $\frac{1}{2}$

## **COLLEGE PREPARATORY CERTIFICATE REQUIREMENTS**

The following requirements must be met in order to receive a College Prep Certificate:

- Earn at least a 3.0 GPA on a 4.0 scale in the combined subject areas of English, Math, Science and Social Studies
- Score above the prior year's national composite average on the ACT or SAT
- Maintain an attendance rate of at least 95 percent in grades 9-12.
- English/Communication Arts- At least four units, one of which may be speech or debate, and two units of which must be in courses emphasizing composition or writing skills.
- Mathematics- At least four units, high school-level Algebra and beyond, including Algebra II
- Science- At least three units (not including general science), selected from Biology, Botany, Chemistry or Physics, one of which is a laboratory course.
- Social Studies- Three units, including American History, one semester of Government and one semester of Geography and one other credit of social studies
- Fine Arts- At least one unit selected from visual arts, music, dance or theater
- Practical Arts- At least one unit
- Health-  $\frac{1}{2}$  of a unit
- Physical Education- 1 unit
- Specified Core Electives- At least three additional units selected from Foreign Language and/or combination from two or more of the following course areas: English, Mathematics, "non-regional" Social Studies, Science and Fine Arts.
- General Electives- At least six units, or a sufficient number of units to meet state and local graduation requirements.

NOTE: One unit = one full credit, or two semester courses

## MINIMUM COLLEGE ADMISSION REQUIREMENTS

The Missouri Coordinating Board of Higher Education has approved the following minimum recommended 24-unit core curriculum requirements for admission to all Missouri public four-year colleges and universities.

**COMMUNICATION ARTS** 4 units, one of which may be speech or debate, and 2 units emphasizing composition or writing skills. (Not including Publications)

**MATHEMATICS** 3 units (high school level) Algebra I and beyond; (i.e., Algebra II, Geometry, Trigonometry, Calculus)

**SOCIAL STUDIES** 3 units, must include American History and a semester of Government

**SCIENCE** 3 units, one of which must be a laboratory science

**VISUAL/PERFORMING ARTS** 1 unit (fine arts courses in visual arts, music, dance, and theatre)

**ELECTIVE** 3 units selected from the above categories and/or a foreign language (two years of a 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 schools in the University of Missouri System require one additional math credit and two years of the same foreign language.

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/SAT admission test registration materials. College admission representatives schedule meetings at Marionville High School throughout the school year.

## **COLLEGE VISITS OR CAREER PURSUIT**

College visit days are available for juniors and seniors to visit area colleges they might consider attending after high school graduation. Students are limited to two visits during the year with verification. Students must pick up a form from the counselor's office and have the form filled out at least one week in advance for permission to be granted.

## **NCAA DIVISION I AND DIVISION II ACADEMIC ELIGIBILITY REQUIREMENTS**

Students interested in participating in a Division I or Division II Athletics NCAA program at the college/university level need to contact the athletic director for information concerning the specific academic eligibility requirements or access the website at [www.ncaa.org](http://www.ncaa.org).

Some general requirements include:

- Graduate from high school
- Successful completion of a core curriculum of at least 14 academic courses (this core curriculum varies as to Division I and Division II requirements)
- Meet specified ACT or SAT scores

Some classes offered at Marionville High School do not meet eligibility requirements. Students considering NCAA eligibility must obtain complete academic eligibility requirements from the athletic director.

Student athletes may apply during their junior or senior year.

### **NEW NCAA RULE**

#### **Rule for Division I Athletes**

##### **16 Core Courses Required:**

- 4 years of English
- 3 years of Mathematics (Algebra I or higher)
- 2 years Natural Science/Physical Science (1 year must include a lab class)
- 1 year of additional English, Math, Natural/Physical Science
- 2 years of Social Science/Social Studies
- 4 years of additional courses from any area above and/or foreign language(s)

#### **Rule for Division II Athletes**

##### **14 Core Courses Required:**

- 3 years of English
- 2 years of Mathematics (Algebra I or higher)
- 2 years of Natural/Physical Science (1 year of lab if offered by high school)
- 2 year additional English, Mathematics or Natural/Physical Science
- 2 years of Social Science
- 3 years of additional courses (from any area above or foreign language, non-doctrinal religion/philosophy)

**Rule for Division II Athletes (2013 and beyond)**

**16 Core Courses Required:**

- 3 years of English
- 2 years of Mathematics (Algebra I or higher)
- 2 years of Natural/Physical Science (1 year of lab if offered by high school)
- 3 year additional English, Mathematics or Natural/Physical Science
- 2 years of Social Science
- 4 years of additional courses (from any area above or foreign language, non-doctrinal religion/philosophy)

**GENERAL INFORMATION**  
**FREQUENTLY ASKED QUESTIONS**

***May I repeat a course for graduation credit?***

No, an academic course successfully completed with a passing grade cannot be repeated for credit. Some electives such as Band, Choir, Yearbook, etc. may be repeated.

***What happens if I fail a semester of a required full year (two-semester course)?***

Credits are earned by the semester (one-half credit per semester). If you fail a required course, you will need to repeat the failed semester until you successfully complete that semester of the course. It is recommended that this be done as soon as possible. **Note: Failure of a first semester class may result in removal from the second semester of the class.**

***How can I earn extra credit or make up for lost credit?***

Summer school credit may be earned as applicable. To receive credit for correspondence courses, a student must receive permission from a counselor before enrolling. The student is responsible for the costs. *Courses must be completed three weeks prior to the end of the school year.* Only correspondence work completed through the independent learning programs of accredited colleges or universities will be accepted.

***May I change my schedule if I don't like a class?***

Class schedules may **only** be changed for one of the following reasons:

- Schedule is in conflict
- Not meeting a prerequisite
- To add graduation requirements
- Repeat a failed class or in a previously passed class

**Note:** *All other changes will require approval from a high school administrator.*

## **EXTRACURRICULAR OFFERINGS**

### **ATHLETICS FOR GIRLS**

Cheerleading  
Basketball  
Track and Field  
Softball  
Volleyball

### **ATHLETICS FOR BOYS**

Baseball  
Football  
Basketball  
Track and Field

## **ACTIVITIES AND CLUBS**

### **ACADEMIC TEAM:**

#### ***\*Requirements for membership:***

The Marionville High School Academic Team is open to all students in grades 9-12. Students wishing to join the academic team must maintain a grade point average of 5 or higher on an 11 point scale or 2 and higher on a 4 point scale. The team captain and co-captain are chosen by the sponsor. Eligibility for these positions requires longevity on the team and maintaining a good standing on the team.

#### ***\*Requirements for maintaining membership:***

The student must maintain their GPA according to the above requirements. The student is expected to attend weekly practices. If a student misses more than five (5) practices throughout the school year, they will no longer be eligible to compete with the team. The student will need to expect to compete in at least one competition during each month of the school year. Students missing more than two competitions will be asked to forfeit their place on the team and will no longer be eligible to compete on the team.

### **BOAZ'S BOOK CLUB:**

Boaz's Book Club is a club made up of students who enjoy reading all different types of literature. The club meets during advisory the fourth Thursday of each month, and sometimes enjoys snacks while they discuss the readings for that time period. The club will read books based on availability and interest. Sometimes the club all reads the same book, and sometimes it is a book of choice. Anyone who enjoys reading and talking about it is invited to join the club!

### **FBLA:**

The FBLA-PBL mission is to bring business and education together in a positive working relationship through innovative leadership and career development programs. Co-curricular activities include career exploration, civic service, economic education, and fostering entrepreneurship.

The Marionville FBLA chapter includes many of these activities. Our chapter participates in multiple business related workshops, competitive events at the district, state, and national level, and community service project like hosting multiple blood drives at school.

**FCCLA:**

FCCLA is the only National Student Run Organization to emphasize the importance of "Family." FCCLA stands for Family Career and Community Leaders of America.

**Marionville H. S. FCCLA is:**

- Affiliated at the National, State and Regional & Local Levels
- Active in our school, community and at the state levels
- An opportunity for students to become involved in community
- An opportunity for students to compete in regional and state competitions.
- An opportunity for students to gain leadership opportunities.
- An opportunity for students to travel, gain experience and meet new friends.

**Requirements for Joining FCCLA:**

- Be enrolled in a FACS class
- Pay dues
- Attend chapter meetings (held during Advisory class)
- Participate in two chapter activities during a school year

**FCA/FCS-Fellowship of Christian Athletes/Students**

FCA is a club for any student who wants to make a difference. We try to meet twice a month to discuss scripture, current issues in society/our community, and anything else pertinent at that time. We also serve by helping out at nearby community service organizations, like Friends Against Hunger in Springfield.

**FFA:**

The Marionville FFA Chapter is designed for agriculture students at Marionville High School. Through the FFA, students have the opportunity to gain, develop and expand upon leadership skills. The Marionville FFA Chapter is consistently ranked in the top 5% of all FFA Chapters in the nation. The National FFA Organization is the largest youth organization in the world and awards over \$2,000,000 in scholarships every year. Locally, students are very involved in both leadership and community service type projects in the community. Every student that enrolls in an agriculture class is required to join the FFA. It is not a requirement to live on a farm as over half of all local members do not live on a farm, nor do they own farm animals.

**MATH CLUB:**

The purpose of Math Club is to promote the study of mathematics. Students will engage in activities both within and outside of the classroom setting, including participating in math contests. To be eligible for membership in Math Club, a student must sign up with the sponsor and participate in at least 1 Math Club activity.

**NHS:**

National Honor Society is an honor society where students are invited to apply for membership their junior or senior year. Membership is based on faculty evaluations, documented service to the community, a minimum of a 3.4 grade point average, leadership and no out of school violations in the students' high school career. Selected members will be inducted into the Franklin-Wolfe Chapter of the National Honor Society in the fall. Once inducted, members are expected to maintain their qualifications and to participate in two service projects a year, one with the chapter and one on their own. There is an annual \$10.00 chapter fee.

**SCIENCE CLUB:**

Science Club is open to all students in grades 9-12. In order to become a member of science club, students must attend the first meeting; pay their dues within the requested time. Science Club members are expected to compete in at least one activity and participate in the community service project. Science Club activities include: Science Fair, Science Olympiad, Envirothon and one community service project.

Officers are elected each fall. The candidates for officers are those students who were science club members, in good standing, during the previous school year. All members for the current school year, who have paid their dues, are allowed to cast their ballot for the election of officers.

**SPANISH CLUB:**

Spanish Club is open to any student who is currently enrolled in a high school Spanish class or who has completed at least one year of high school Spanish. Club activities may include Día de los muertos mask making, Spanish competitions, dance lessons (when available), Spanish rock concert, and more. The purpose of the club is to explore the Hispanic World beyond the classroom. Members are expected to purchase a club t-shirt.

**STUDENT COUNCIL:**

Members are elected to Student Council each April. Three representatives from each grade will serve on the council. The vice president is elected to serve their junior year and then automatically becomes president their senior year. STUCO is responsible for putting on both homecoming celebrations and dances. In addition, STUCO helps out with other activities around campus as needed. STUCO members are held to a higher standard and truancy or repeated trips to ISS will result in the members' removal from the council.

## **GUIDANCE SERVICES**

The guidance staff uses the Missouri Comprehensive Guidance Program as a model for developing guidance services for all students. The following will give students and parents an idea of the areas in which counselors assist:

- A. Career Planning and Exploration
  - 1. Planning high school courses
  - 2. Selecting from the six Career Pathways
  - 3. Exploring individual interests and abilities
  - 4. Exploring various careers
  - 5. Making decisions about post-secondary education and training
- B. Knowledge of Self and Others
  - 1. Handling personal difficulties
  - 2. Understanding and getting along with others
  - 3. Understanding the importance of a healthy lifestyle
- C. Educational and Vocational Development
  - 1. Improving learning and study skills
  - 2. Making decisions
  - 3. Preparing for and finding a job

The Counseling Office at Marionville High School has a variety of resources to assist students in planning for the future. Information about admissions to vocational/technical schools, four-year colleges and universities, financial aid and scholarship opportunities, testing, etc. is available to the students. Students and parents are encouraged to use any and all of these resources.

## **TESTING**

### **ACT**

This is a college entrance exam available for all students but recommended for juniors and seniors. Most Missouri colleges and universities prefer this test. It may be taken as often as the student chooses. The test is given at area schools on Saturdays during the months of September, October, December, February, April and June. These dates and applications for the test may be obtained from the counselor. The fee for the ACT is the responsibility of the student; however fee waivers are available if you qualify.

### **SAT**

This is a college entrance exam available to juniors and seniors. Many out-of-state colleges and universities may require this test. Check the requirements of the institution you are planning to attend.

### **PLAN**

This is an exam given to sophomores in the fall of each year. It is a pre-ACT exam. It also includes an interest inventory.

### **PSAT**

A practice college entrance exam for juniors and qualifying test for the National Merit Scholarship Qualifying Test. Sophomores may take the exam as a practice test. It is a pre-SAT exam. Students must sign up and pay for this optional exam.

### **ASVAB**

The ASVAB is administered to juniors in the fall. This test is a multi-aptitude test battery that is designed to measure your knowledge in the areas of General Science, Paragraph Comprehension, Word Knowledge, Arithmetic Reasoning, Auto and Shop Information, Mechanical Comprehension, Mathematics Knowledge and Electronic Information. The results of this test give students an opportunity to look into some careers that they already possess a natural ability for.

## **COURSE DESCRIPTIONS**

### **Communication Arts**

\* Requirement

+Weighted

### **Communication Arts I\***

Grade Level: 9<sup>th</sup>

Prerequisite: None

Course Term: 2 Semesters

Credit: 1 Unit

This freshman course will assist a student in speaking and writing correctly by studying the rules of grammar and spelling and by doing extensive writing. It will provide a student with the skills necessary to understand any work of literature. Students will learn to apply reading, writing, listening, speaking, and problem solving skills. Literature study with basic technology and study methods are introduced through the examination of short stories and plays. The class will research the methods of effective writing, explore individual skills in creative writing and write a research paper.

### **Communication Arts II\***

Grade Level: 10<sup>th</sup>

Prerequisite: Com Arts 1

Course Term: 2 Semesters

Credit: 1 Unit

This course further develops a student's ability to speak and write correctly by reviewing the rules of grammar and usage and studying spelling. Reading levels will be advanced by extensive reading in class and assigned reading at home. Analytic skills will be developed in presentation of oral reports based on the student's research and reading. The student will prepare a book review, essays, and a detailed research paper.

### **Communication Arts III\*- American Literature**

Grade Level: 11<sup>th</sup>

Prerequisite: Com Arts I & II

Course Term: 2 Semesters

Credit: 1 Unit

This course will explore the many different aspects of literature through the reading of American literature. The students will discover different themes that reveal the intellectual and emotional life of the United States from its infancy to present, explore relationship of the ideas in the selections to the theme as a whole and compare it with their own lives. A novel, or novels, by American authors will be read. Students will practice the process of writing so that they can express thoughts clearly and forcefully, and apply the rules of grammar in the preparation of book reviews, essays, short stories, and a theme. Students will further develop reading comprehension, listen, and follow oral directions, take notes, recall facts, and draw conclusions from lecture and oral presentations. The knowledge students gain from the literature will be assessed through different forms of writing, quizzes, and tests.

**+Advanced Communication Arts III- Composition/American Literature**Grade Level: 11<sup>th</sup>

Course Term: 2 Semesters

Prerequisite: Com Arts I &amp; II, 3.0 GPA

Credit: 1 Unit

Weighted Course

This course will be a preparatory course for College Prep English. It will focus heavily on the writing process, proper formatting, research, and essay writing; much of it in the form of Writer's Workshop. This course will also explore the many different aspects of literature through the reading of American literature. The students will discover different themes that reveal the intellectual and emotional life of the United States from its infancy to present, explore relationship of the ideas in the selections to the theme as a whole and compare it with their own lives. A novel, or novels, by American authors will be read. Students will further develop reading comprehension, listen, and follow oral directions, take notes, recall facts, and draw conclusions from lecture and oral presentations. The knowledge students gain from the literature will be assessed through different forms of writing, quizzes, and tests.

**Communication Arts IV**Grade Level: 12<sup>th</sup>

Course Term: 2 Semesters

Prerequisite: Com Arts I, II, and III

Credit: 1 Unit

This course will explore many different aspects of literature, focusing a good portion on British literature, but incorporating others, as well as some independent reading. The course will also focus on many different aspects of writing, from practical writing, like resumes and cover letters, to essay writing. Some focus will be on proper research skills when using the internet. There will be a portion of time spent on grammar as it pertains to vital communication skills in any work place. Students will master a variety of communication skills from listening and speaking to writing. This course is best suited for students planning to go to vocational school or straight into the work place.

**+College Prep-Communication Arts**Grade Level: 12<sup>th</sup>

Course Term: 2 Semesters

Prerequisite: Com Arts I, II, and III, 3.0 GPA

Credit: 1 Unit

Weighted Course-may also be taken for college credit if university criteria is met for class.

This course is designed to provide the student who has the desire to continue his or her formal education beyond high school the opportunity to develop the skills necessary for post-secondary success. Emphasis will be placed on developing advanced writing skills so the students will be successful writers in college. Some emphasis will be put on British literature, reading pieces throughout the evolution of our language, from Beowulf to present. Throughout the year, though, the biggest portion will focus on writing, from reader response to research papers to personal narratives and beyond. Students will master MLA format and get a brief introduction to other forms. There will be a small amount of time spent on specific grammar units, but grammar will be mastered through the form of essay writing, editing, and revising through the year. This course is ESSENTIAL for the student planning to attend college.

**Novels**

Grade Level: 11-12

Course Term: 1 Semester

Prerequisite: Com Arts I-passing grade

Credit: ½ Unit

This course is designed for students who have a passion for reading. The semester will focus on expanding the students' knowledge of genres and their love for reading. Much of the work is done independently, and students will be expected to read several novels during the semester. Work is done in the form of independent novels, book clubs, and reading as a class. Students must be prepared to speak in front of their peers about the books they have read and to read more than one novel at one time. Students will also explore their knowledge of reading through different writing activities.

**Creative Writing**

Grade Level: 11-12

Course Term: 1 Semester

Prerequisite: Com Arts I-passing grade

Credit: ½ Unit

This course is designed for students who wish to explore writing outside the range of the normal classroom writing assignments. Students will explore their creativity through many different forms of creative writing. They will be involved in activities that help increase their abilities to express sensory details in their writing. Students will also be expected to read fiction and respond to their reading in creative ways during the semester. Much of the work will be independent, and it will be necessary for the students to be prepared to share their writing.

**Speech**

Grade Level: 9<sup>th</sup>-12<sup>th</sup>

Course Term: 1 Semester

Prerequisite: None

Credit: ½ Unit

*Elective Course*

This course will provide an introduction to a variety of perspectives and approaches used to research, organize, deliver, and evaluate public presentations.

**Reading**

Grade Level: 9<sup>th</sup>-12<sup>th</sup>

Course Term: 1 Semester

Prerequisite: None

Credit: ½ Unit

*Elective Course*

This course will explore a variety of literature. Students will build their comprehension skills, vocabulary, and reading efficiency strategies. Students will learn to analyze literature through class discussion and writing activities. Students will also be responsible to complete an independent reading project.

**SOCIAL STUDIES**

\* Requirement  
+ Weighted

**American History\***

Grade Level: 9<sup>th</sup>

Course Term: 2 Semesters  
Credit: 1 Unit

In this course, students will develop an understanding of the beginnings of the United States of America as well as a concept of chronology and the development of political, social, and economic institutions pivotal in American History. Students will study the following pivotal periods of American History: A Nation Transformed after the Civil War, Prosperity and Crisis, World Conflicts, A Changing Home Front, and Modern Times.

**World History\***

Grade Level: 10<sup>th</sup>

Course Term: 2 Semesters  
Credit: 1 Unit

In this course, students will develop an understanding of the beginnings of the World's History as well as a concept of chronology and the development of political, social, and economic institutions pivotal in World History. Students will study the following pivotal periods of World History: The Dawn of Civilization, The Growth of Civilizations, Medieval Europe, Changes in European Society, The Contemporary World.

**Government\***

Grade Level: 11<sup>th</sup>

Course Term: 2 Semesters  
Credit: 1Unit

In this course, a study of Citizenship and the National Government will be emphasized. Students will participate in a detailed study of the Constitution of the United States and the Constitution of the State of Missouri. The student will study the following specific aspects of our government; Foundations of American Citizenship, The Individual and Society, The National Government, and The American Legal System.

**Current Events**

Grade Level: 10-12

Course Term: 1 semester  
Credit: 1/2 unit

The Current Events curriculum introduces students to issues that influence our life in this global, multicultural society. Students will research and current economic, political, social, and cultural problems, and explore how ongoing conflicts affect groups as well as individuals. Emphasis is upon America as a dynamic society in the 21st century, witnessing changes involving community, state, nation, and world. Some of the pressing problems facing our rapidly changing society will be examined in detail using a variety of media. Critical thinking skills and technology related research is emphasized. Speaking and listening skills are reinforced through class discussions and oral presentations. The study of interdisciplinary connections relates current events to history thereby enabling students to grasp the interrelationship between and among them. The use of a variety of technologies is integrated throughout the curriculum.

**MATHEMATICS**

\* Requirement

+ Weighted

**Algebra A**Grade Level: 9<sup>th</sup>

Course Term: 2 Semesters

Credit: 1 Unit

This course is designed to give extra training and build confidence in students who wish to have more time covering the topics in Algebra I. The basic units of instruction include the real number system, variables, expressions and equations, and a unit on graphs.

**Algebra I**Grade Level: 9<sup>th</sup>-12<sup>th</sup>

Course Term: 2 Semesters

Credit: 1 Unit

Prerequisite: Satisfactory completion of Pre-Algebra or teacher recommendation

Algebra I extends mathematical concepts previously learned. The real number system is developed and used throughout the course. Topics studied solving linear equations, operations with polynomials, factor equations, algebraic fractions, systems of simultaneous equations, rational and irrational numbers and solving quadratic equations. Problem solving is emphasized throughout the course.

**Geometry**Grade Level: 9<sup>th</sup>-12<sup>th</sup>

Course Term: 2 Semesters

Credit: 1 Unit

Prerequisite: Satisfactory completion of Algebra I or teacher recommendation

Geometry has a balance of theory and application. Concepts of space geometry are combined with plane geometry. The course also reviews coordinate geometry and trigonometry. Algebra skills are practiced and strengthened through application to solving problems.

**ALGEBRA II**Grade Level: 10<sup>th</sup>-12<sup>th</sup>

Course Term: 2 Semesters

Elective Course

Credit: 1 Unit

Prerequisite: Satisfactory completion of Algebra I and Geometry

Weighted Course

Algebra II emphasizes accuracy as well as correct application of theory. The course includes the real number system, graphs, functions, polynomials, factoring, rational expressions, quadratic formula, circles, and logarithmic functions.

**Advanced Math and Trigonometry**

Grade Level: 11<sup>th</sup>-12<sup>th</sup>

2 Semesters

Credit: 1 unit

This course reviews real numbers, coordinate systems and graphs in two dimensions along with quadratic, polynomial, rational and radical equations. Trigonometric functions are defined. Trigonometric identities, trigonometric equations and applications of circular functions are stressed. Topics included will challenge the student to use an analytical approach to problem solving.

**COLLEGE ALGEBRA**

Grade Level: 12<sup>th</sup>

Course Term: 1 Semester

Elective Course

Credit: 1 Unit

Prerequisite: Satisfactory completion of Algebra II and Trig/Math Analysis

\*Teacher approval and a B or higher in Algebra II is required without Trig/Math Analysis

Weighted Course

This class will consist of learning advanced algebraic concepts, including the study of conics and also exploring statistics and probability. Graphing calculators will be used extensively to explore the subject matter. Lecture, group work, homework, quizzes, tests, and some hands-on activities will be used to accomplish mastering objectives. This class is challenging, and students should expect course work to be extensive.

**SCIENCE**

\* Requirement

+ Weighted

**Physical Science\***Grade Level: 9<sup>th</sup>

Required Course

Course Term: 2 Semesters

Credit: 1 Unit

This course introduces students to the physical aspects of our environments. Students study matter and energy and its interrelationships by using methods of inquiry. As the student acquires knowledge of the atom, matter and the changes it undergoes, electricity, magnetism, electromagnetism, energy sources and machines they will also develop laboratory skills. The relationships of the many areas of science studied are emphasized with respect to how they affect society.

**Biology\***Grade Level: 10<sup>th</sup>-12<sup>th</sup>

Prerequisites: Physical Science

Required Course

Course Term: 2 Semesters

Credit: 1 Unit

Nowhere has the explosion of knowledge and impact of modern technology on human lives been more apparent than in field of biology. New discoveries are announced daily, students and adults are confronted with new social, political, and ethical choices. Students are given solid information they need to understand the expanding role of biology in modern society and skills to excel in our ever-changing society. Themes that will be explored are diversity of life, cells, reproduction and inheritance, development, structure and function, energy relationships, ecology, and society and science.

Biology is a comprehensive study of life from the single cell organisms to the multi-cellular organisms. We will emphasize the application of Biological concepts to everyday life. Class activities include lectures, laboratory investigations, and opportunities for personal research. This course of study will seek to help the student develop an understanding of all life forms and develop sound scientific reasoning and organizational skills, and become more familiar with career opportunities in the life sciences.

**Biology II**Grade Level: 11<sup>th</sup>-12<sup>th</sup>

Prerequisites: BIO I (2 semesters)

Elective Course

Course Term: 2 semesters

Credit: 1 Unit

This course expands the students' knowledge of basic biological concepts of diffusion, osmosis, enzymes, enzyme catalysis, mitosis, meiosis, plant pigmentation, transpiration, photosynthesis, cellular respiration, genetics, animal behaviors, animal anatomy, and physiology, pertaining to invertebrates and vertebrates. Nowhere has the explosion of knowledge and impact of modern technology on human lives been more apparent than in the field of biology. New discoveries are announced daily, students and adults are confronted with new social political and ethical choices.

Students are given solid information they need to understand the expanding role of biology in modern society and skills to excel in our ever-changing society. Biology II students will be required to create additional written assignments over scientific media articles.

**Ecology**Grade Level: 11<sup>th</sup>- 12<sup>th</sup>

Prerequisites: Physical Science and Bio I

Elective Course

Course Term: 1 semester

Credit: 1/2 unit

This course will present students with information dealing with various environmental issues. The major theme emphasizes the "WISE USE" of our natural resources. Each topic will try to bind together the human with their environment and show how people can impact planet earth. Discussions will try to move students in ways to impact positively and to be able to identify situations which impact earth negatively. Emphasis will range from the micro level to the macro level.

**Human Anatomy**Grade Level: 11<sup>th</sup>-12<sup>th</sup>

Prerequisites: BIO I (2 semesters)

Elective Course

Course Term: 1 semester

Credit: ½ unit

The major conceptual themes, which will be emphasized during this course, are the relationships between structure and function and the regulation of homeostasis. As much material related to anatomy and physiology will be presented as is possible. "You can't see the forest through the trees." This saying has special relevance to the study of anatomy and physiology. There are so many trees in a forest, so much detailed information, that one can miss an appreciation of the forest itself, that is, the whole organism and the interaction of all its parts. Human anatomy students will be required to create additional written assignments over scientific media articles.

**+Chemistry**Grade Level: 11<sup>th</sup>-12<sup>th</sup>

Prerequisites: C or better in Algebra 1

Weighted Course

Course may be taken for college credit if criteria for class are met

Course Term: 2 Semesters

Credit: 1 Unit

This course will seek to increase the students' understanding of basic chemical reactions, nomenclature and phenomena, scientific reasoning and vocabulary, and develop skills and safety in a chemistry laboratory. The students will explore the nature of matter, its properties and transformation, through laboratory experiments, various activities, lectures and personal research. Students will have opportunities to experience hands-on learning by designing and/or implementing the laboratory experience in correlation with classroom material. Students will also design, conduct and present their own science fair project.

**+College Biology**

Grade Level: 11<sup>th</sup>-12<sup>th</sup>

Course Term: 2

Semesters

Prerequisites: C or better in Physical Science and Biology I Credit: 1 Unit

Weighted Course

Course may be taken for college credit if criteria for the class are met.

College Biology is an exploration of the natural world beginning with the study of the fundamental building blocks of matter. The course builds on these concepts and applies them to biological molecules, which in turn is used to explore the cell, the plasma membrane, energy and its transformations. This course also explores genetics, cell division and biotechnology. Students will also design, conduct and present their own science fair project.

**+Physics**

Grade Level: 11<sup>th</sup>-12<sup>th</sup>

Course Term: 2 Semesters

Prerequisites: C or better in Algebra 1  
C or better in Biology 1

Credit: 1 Unit

Weighted Course

May be taken for college credit if criteria for class is met

Physics is a problem solving course. Students will learn the properties of matter and the forces that affect it, problem solving skills and critical thinking skills while using hands-on experimentation techniques. Units include simple motion, velocity and acceleration, vector mathematics, forces and gravity, Newton's laws of motion, work and energy, thermal properties, fluid wave mechanics, sound, and nuclear physics. Emphasis will be placed on establishing good study habits with opportunities for both directed and independent research. Students will have opportunities to experience hands-on learning by designing and/or implementing the laboratory experience in correlation with classroom material. Mathematical skills should be proficient. Students will also design, conduct and present their own science fair project.

**PHYSICAL EDUCATION AND HEALTH**

\* Requirement

**Physical Education\***Grade Level: 9<sup>th</sup>-12<sup>th</sup>

Required Course

Course Term: 2 Semesters

Credit: 1 Unit

Training will consist of daily exercises for warm-up and stretching along with aerobic training for cardiovascular improvement. Activities will include anaerobic floor work, fitness games, running, rope jumping and walking may be included. Students will also learn to compute heart rate as well as work load for their particular fitness level.

**Conditioning**Grade Level: 9<sup>th</sup>-12<sup>th</sup>

Elective Course

Instructor Permission Required

Course Term: 1 Semester

Credit: ½ Unit

This course is aimed at the athlete who is participating in extra curricular sports. The purpose of the course is to provide support and training in the development of personal fitness plan. The student will develop muscular strength, speed, agility, flexibility, and an appreciation for a healthy lifestyle. The student will participate in a variety of activities; sprints, weight training, rhythmic activities, and activities for prevention of injury or treatment of injuries. This course **does not** fulfill the physical education requirement.

**Lifetime Activities**Grade Level: 11<sup>th</sup>-12<sup>th</sup>

Elective Course

Course Term: 1 Semester

Credit: 1 Unit

This course emphasizes various units of life-time activities. Bowling, golf, card games, fishing, tennis and badminton are examples of units that may be included in the semester. This course **does not** fulfill the physical education requirement.

**Health\***Grade Level: 9<sup>th</sup>-12<sup>th</sup>

Required Course

Course Term: 1 Semester

Credit: ½ Unit

Topics will include the physical, mental and social well-being of the individual through the life cycle, communicable diseases, reproduction, health education, drug awareness and education and fitness and nutrition education. Activities include field trips as well as guest lecturers.

**FINE ARTS**

+ Weighted

**ART I**

Grade Level: 9<sup>th</sup>-12<sup>th</sup>

Elective Course

Prerequisite: None

Course Term: 2 Semesters

Credit: 1 Unit

Studio Class

Students in Art I will examine the elements and principles of art and the four steps in art criticism while providing the student with opportunities for creativity and self-expression. We will create several projects based on the Elements and Principles of Design. Units of study will be project based and are designed with three goals in mind.

1. To foster an understanding of and appreciation for art, the issues of production, history, criticism, and aesthetics.
2. To encourage creativity and originality.
3. To develop an understanding of the Elements of Art and the Principles of Design.

**ART II**

Grade Level: 10<sup>th</sup>-12<sup>th</sup>

Elective Course

Prerequisites: Art I

Course Term: 2 Semesters

Credit: 1 Unit

Studio Class

Art II is an advanced art class that focuses on the perceptual skills required in drawing and painting. Processes with a variety of drawing and painting media will be emphasized. Three-dimensional work may also be explored. The purpose of this class is to advance skills and knowledge of the fine arts. Units of study will be designed with three goals in mind.

1. To foster an understanding of and appreciation for art, the issues of production, history, criticism, and aesthetics.
2. To encourage creativity and originality.
3. To develop an understanding of the Elements of Art and the Principles of Design.

**ADVANCED DRAWING**

Grade Level: 11<sup>th</sup>-12<sup>th</sup>

Elective Course

Prerequisites: Art II

Course Term: 1 Semester

Credit: ½ Unit

Studio Class

Advanced Drawing will focus on advanced drawing techniques with a wide range of media. Emphasis will be on using the drawing processes learned in Art II to develop finished works. Self-expression will be emphasized. The class will be an advanced study of drawing including artists, materials, and uses. Units of study will be designed with three goals in mind.

1. To foster an understanding of and appreciation for art, the issues of production, history, criticism, and aesthetics.
2. To encourage creativity and originality.
3. To develop an understanding of advanced drawing techniques and material.

### **ADVANCED SCULPTURE**

Grade Level: 11<sup>th</sup>-12<sup>th</sup>

Elective Course

Prerequisite: Art II

Course Term: 1 Semester

Credit: ½ Unit

Studio Class

The sculpture class will be studying different ways to create an armature and will learn the three methods of creating sculpture: additive, subtractive, and assemblage. The class will be an advanced study of sculpture including artists, materials, and uses. Units of study will be designed with three goals in mind.

1. To foster an understanding of and appreciation for art, the issues of production, history, criticism, and aesthetics.
2. To encourage creativity and originality.
3. To develop an understanding of advanced sculpture techniques and materials.

### **ART HISTORY Semester 1**

Grade Level: 9<sup>th</sup>-12<sup>th</sup>

Elective Course

Course Term: 1 Semester

Credit: ½ Unit

Textbook, Non-Studio Class

Art History is a chronological survey of the history of major art forms in the western tradition, in addition to selected works from many cultures that exist beyond European tradition. Sequential presentation of the artwork studied in the course begins in the prehistoric period and ends with postmodernism. This is a non-studio class with most work being textbook related, however students will be required to create art related to areas studied.

### **ART HISTORY Semester 2**

Grade Level: 9<sup>th</sup>-12<sup>th</sup>

Elective Course

Course Term: 1 Semester

Credit: ½ Unit

Textbook, Non-Studio Class

Art History is a chronological survey of the history of major art forms in the western tradition, in addition to selected works from many cultures that exist beyond European tradition. Sequential presentation of the artwork studied in the course begins in the prehistoric period and ends with postmodernism. This is a non-studio class with most work being textbook related, however students will be required to create art related to areas studied.

### **BAND**

Grade level: 7<sup>th</sup>-12<sup>th</sup>

Course Term: 2 Semesters

Credit: 1 Unit

Prerequisite: Basic knowledge of the instrument the student wishes to play.

The band will participate in football and basketball games, parade and/or marching competitions, and other district and state festivals and competitions throughout the year. Students will also be encouraged to prepare for solo and ensemble competitions at the conference, district and state levels.

**MUSIC APPRECIATION**

Grade level: 9<sup>th</sup>-12<sup>th</sup>

Prerequisite: None Required

Course Term: 1 Semester

Credit: ½ unit or 1 unit

Students will study the role and importance of music in our current lives, as well as in the lives of people throughout history. A variety of styles, musicians and composers will be studied.

**CHOIR**

Grade Level: 9<sup>th</sup>-12<sup>th</sup>

Prerequisite: Audition and Permission Required

Credit: 1 Unit

The choir will meet daily emphasizing proper vocal and choral technique, as well as music reading. Importance will also be given to proper rehearsal and concert etiquette. Students should be prepared to perform outside of the school day and these performances will also constitute a significant portion of the student's grade.

**GUITAR CLASS I**

Grade Level: 9-12

Prerequisite: None Required

Credit: 1 Unit

This course is designed to introduce students to playing the guitar. Students will learn the basics of the instrument, including (but not limited to) major and minor chords, strum patterns, tuning the guitar, and playing together as an ensemble.

**PRACTICAL ARTS**

\* Requirement  
+ Weighted

**Business Courses**

**Accounting I**

Grade Level: 11th -12th

Course Term: 1 Semester

Credit: ½ Unit

***\*May be taken for articulated college credit through OTC if criteria is met for class.***

This course will give students a basic background of the accounting procedures used to operate a business. Students will also be better prepared for office employment, financial management, and further business study after high school. Students will be able to define and use common accounting terminology and concepts, complete the accounting cycle, outline banking procedures, maintain financial records personally and professionally, calculate payroll for a company, complete the accounting equation, and maintain computerized accounting systems.

**Business Communications**

Grade Level: 10TH – 12TH

Course Term: 1 Semester

Credit: 1/2 Unit

This course will allow students the opportunity to acquire the basic fundamentals of communicating in a business setting. Communication is one of the vital keys for a business to succeed. In this introductory course, students will learn verbal and nonverbal communication, as well as prepare documents in a business setting.

**Business and Personal Law**

Grade Level: 10th – 12th

Course Term: 1 Semester

Credit: ½ Unit

This course will help students become problem-solvers in legal situations, recognize and avoid legal problems, and develop the ability to intelligently work with an attorney. Course topics include: a study of the US court system, famous trials, ethics, constitutional rights, contracts, marriage and divorce, home ownership, insurance, property, criminal law, personal injury law, discrimination law, and consumer protection.

**Computers I\*** 9th -10th  
**Computers II** 10th -12th  
Grade Level: 9th -12th

Course Term: 1 Semester each  
Credit: ½ Unit each

These courses will instill the skills students need to make practical use of computer technology in their personal and professional lives. The course objectives for the student are to demonstrate correct keyboarding techniques, identify computer hardware components, use the Microsoft Office program to create word processing documents, databases, spreadsheets, and presentations, identify major uses of the Internet, create web pages, sample new technological devices, and apply the skills learned in real world simulations. Students will perform hands-on activities using the MS Office Suite (Word, Excel, Access and PowerPoint), Windows operating system, and the Internet. They will learn to operate a computer with efficiency and ease.

**Introduction to Business**

Grade Level: 10th-12th

Course Term: 1 Semester  
Credit: ½ Unit

This course provides an overview of business and the role that business plays in economic, social, and political environments. In addition, it will provide students exposure to the functional areas of business such as management, international business cultures, economics, business operations, marketing, human resources, finance, career planning, goods and services, and technology. There will be opportunities throughout the course to discuss current and past events in business as they apply to the topics being covered.

**Mass Media/Yearbook**

Grade Level: 10th – 12th

Course Term: 1 Year  
Credit: 1 Unit

This course is designed to teach students the basic fundamentals of using desktop publishing, writing articles for print, graphic design, and photography. Through this process, the students will produce yearbooks for the school. **Teacher permission is required!**

**Personal Finance\***

Grade Level: 10th – 12th

Course Term: 1 Semester  
Credit: ½ Unit

This course will equip students with knowledge and strategies for managing their finances, as they become adults in society. Topics covered in the class include: income, money management, spending, credit, saving, and investing.

Family and Consumer Leadership Courses

**Family and Consumer Sciences**

Grade Level: 9<sup>th</sup>-12<sup>th</sup>

Elective Course

Course Term: 2 Semesters

Credit: 1 Unit

This course is an instructional program that generally prepares youth and adults for family life, emphasizing the acquisition of knowledge and the development of attitudes, standards, values, and skills relevant individual/family life. FACS will prepares individuals for balancing work and family roles and enhancing employability skills. The class will Includes instruction in consumer education, food and nutrition, family living and parenthood education, child growth and development, housing and home resource management, clothing and textiles, as well as career awareness. Completion of this class satisfies the practical arts requirement necessary for high school graduation.

**NUTRITION AND WELLNESS**

Grade Level: 10<sup>th</sup>-12<sup>th</sup>

Elective Course

Course Term: 1 Semester

Credit: ½ Unit

This course is designed to prepare individuals to understand the principles of nutrition and their relationship to health and wellness. Instruction includes the preparation and care of food, meal management to meet individual and family food needs and patterns of living, food economics and ecology, the optimal use of the food dollar, understanding and promoting nutritional knowledge and application of related math and science. Students will practice cooking techniques and skills regularly in the lab setting.

**CHILD DEVELOPMENT**

Grade Level: 10<sup>th</sup>-12<sup>th</sup>

Elective Course

Course Term: 2 Semesters

Credit: 1 Unit

This course may be taken for dual college credit through Ozarks Technical College. All students must meet course criteria for college credit. Students must be a junior in order to qualify for dual enrollment at OTC

An instructional program that prepares individuals to understand children's physical, mental, emotional, and social growth and development .This course includes instruction in childcare and guidance. Students will study responsibilities of parenthood beginning with prenatal care until adolescence. Special emphasis is placed on daycare selection. A special unit on career education is included. Students will also spend classroom hours working hands on with preschool students in the Marionville R-9 Preschool.

**HOUSING & Interior Design**

Grade Level: 10-12<sup>th</sup> grade

Elective Course

Course Term: 1 semester

Credit: ½ Unit

This course is designed to enable students to meet the challenges of improving their housing environment using informed decision making and critical thinking skills. A prerequisite of introductory FACS class is strongly recommended. Specific areas of study will include home finance, housing style and architecture, elements of design, furniture selection, floor plans including CADD drawings and selection of materials.

**INTERNATIONAL FOODS**Grade Level: 10<sup>th</sup>-12<sup>th</sup> grade

Elective Course

Course Term: 1 semester

Credit: ½ Unit

It is strongly recommended that students take FACS before taking this class. This class is designed to introduce students to the cultural and food habits of the world's people. In addition, the class will study the nutritional implications of various food cultures. The student will gain an understanding of how cultures, traditions, geography, religion and history help to establish the food habits of people throughout the world. Cultures to be studied during this class include United States, Canada, Latin America, Europe, the Mediterranean, the Middle East, Asia and Africa. Students will work in a lab setting to practice preparation techniques found in the various cultures.

**Vocational Agriculture****Agricultural Science I**Grade Level: 9<sup>th</sup>-12<sup>th</sup>

Prerequisite: None

Course Term: 2 Semesters

Credit: 1 Unit

A course designed for instruction in animal science, agricultural mechanics, careers, leadership, and supervised agricultural experience. Units may include agribusiness, fish and wildlife management, and food science. Students are introduced to the breeds, selection and management of various species of domestic livestock. Students become familiar with record-keeping, leadership skills, knowledge and history of the FFA organization. Shop safety and arc welding are also introduced. This course will provide a sound background for the agricultural industry.

**Agricultural Science II**Grade Level: 10<sup>th</sup>-12<sup>th</sup>

Prerequisite: Agricultural Science I

Course Term: 2 Semesters

Credit: 1 Unit

This course is designed for instruction in plant and crop science, soils, entomology, horticulture, and/or forestry, and additional instruction in agricultural mechanics, careers, leadership, and supervised agricultural experience. The student will study field and forage crops, fruit and vegetable production and forest management. This course provides more background for the student who may pursue an agricultural career.

**Agricultural Construction I & II**

Grade Level: 11<sup>th</sup>-12<sup>th</sup>

Course Term: 2 Semesters

Prerequisite: Agricultural Science I & II

Credit: 1 Unit

May be taken for college credit if criteria is met for class

These courses utilize welding in the development and construction of major metal shop projects. Each student will learn arc welding, MIG welding and oxyacetylene welding and cutting. Advanced skills in welding and project construction provide students with entry-level agricultural construction skills. This class is currently taught as a dual credit course through Missouri State University and students have the opportunity to earn college credit with a satisfactory classroom performance.

**+Agricultural Business**

Grade Level: 11<sup>th</sup>-12<sup>th</sup>

Course Term: 2 semesters

Credit: 1 Unit

Prerequisite: Agricultural Science I & II with C or better

May be taken for college credit if criteria is met for class

This course is designed to familiarize students with economic factors which influence the agricultural industry. Students will be exposed to economic principals such as supply and demand, the principal of diminishing returns, opportunity cost, substitution of inputs. . . . This course will also help students to better understand what skills are needed to be a successful and productive employee. Additionally, topics such as credit and financing will be discussed in detail. This course will be administered utilizing guest speakers, classroom assignments, group projects as well as hands on activities. **Students will be expected to maintain an SAE Project and complete a monthly record book.**

**FOREIGN LANGUAGE**

+ Weighted

**Spanish I**Grade Level: 9<sup>th</sup>-12<sup>th</sup>

Course Term: 2 Semesters

Credit: 1 Unit

This course will provide the student with a basic vocabulary for communication in Spanish, a familiarity with the grammar and pronunciation of Spanish, a foundation for continued language study, and develop an awareness of culture, history and geography of various Spanish-speaking countries. The majority of the work this first year will be in the present and simple future tenses. Students will learn approximately 750 new words. Interaction in Spanish with other students and instructor will be encouraged and the four aspects of communication (listening, speaking, reading, and writing) will all be stressed. Spanish will be used in the classroom as the level of the student permits.

**Spanish II**Grade Level: 10<sup>th</sup>-12<sup>th</sup>

Course Term: 2 Semesters

Credit: 1 Unit

Prerequisite: Passing grade in Spanish I

(Grade of C or better in Spanish I is encouraged for success in Spanish II)

This course will provide the student with vocabulary development including idiomatic expressions, use of present progressive, preterit and imperfect verb forms, "survival" conversations in Spanish, and a continued development of understanding of Hispanic cultures and geography. This course is the sequel to the first year program. Approximately 750 more words will be presented, allowing students to ask for and give directions, discuss clothing, order food, use common vocabulary helpful to tourists, discuss feelings and emotions, describe an injury, tell locations and discuss their daily routines. More complex grammatical structures will be presented and more class time will be spent in the target language than during the previous year.

**+Spanish III**Grade Level: 11<sup>th</sup> – 12<sup>th</sup>

Course Term: 2 Semesters

Prerequisite: Passing grade in Spanish II Credit: 1 Unit

(Grade of C or better in Spanish II is encouraged for success in Spanish III)

This course is a continuation of the two previous years of study in the Spanish language. Students will continue to build their vocabulary base and incorporate grammatical structures and vocabulary already learned with new vocabulary, grammatical concepts and verb tenses. Emphasis will be placed on perfecting speech and listening skills, thus Spanish will be used in the classroom whenever possible. Grading will include performance assessments and students will be required to make a class presentation that incorporates technology in the target language.

## **DUAL CREDIT INFORMATION**

### **+Ag Construction- Dual Credit**

Missouri State University- AGR 108 (1 credit hour)  
(1 credit, Gr. 11-12)  
*Prerequisite:* Ag I and Ag II  
Cost: \$46.50

### **+Ag Business- Dual Credit**

Missouri State University- (4 credit hours)  
(1 credit, Gr. 11-12)  
*Prerequisite:* Ag I and Ag II  
Cost: \$186

### **+College Algebra- Dual Credit**

Drury- Math 110 (3 credit hours)  
(1/2 Credit, Gr. 12)  
*Prerequisite:* Algebra II and Trig/Math Analysis **OR** teacher approval and B or higher in Algebra II without Trig/Math Analysis  
Cost: \$137.81

### **+Com Arts IV: College English- Dual Credit**

Drury University- ENGL 150 (3 credit hours) & ENGL 207(3 credit hours)  
(6 credits, Gr. 12)  
*Prerequisite:* 3.0 GPA and 18 Composite on the ACT (Dual Credit)  
Cost: \$ 97.5 per semester

### **+College Biology- Dual Credit**

Missouri State University- BIO 102 (4 credit hours)  
(1 credit, Gr. 11-12)  
*Prerequisites:* C or better in Biology  
Cost: \$186

### **+Chemistry- Dual Credit**

Missouri State University- CHM 105 (5 credit hours)  
(1 credit, Gr. 11-12)  
*Prerequisite:* C or better in Algebra I  
Cost: \$232.50

### **+Physics- Dual Credit**

Missouri State University- PHY 123 (4 credit hours)  
(1 credit, Gr. 11-12)  
*Prerequisites:* C or better in Algebra I and Biology I  
Cost: \$186

### **Vocational/Technical Courses**

Juniors and seniors may earn three credits each year by attending the Southwest Area Career Center in Monett. Marionville School District pays the tuition and provides transportation for Marionville students to attend the afternoon session. **Students are required to ride the bus transportation provided by the school.** Applications may be obtained in the Counseling Center and are due in the spring (of sophomore year) for the following fall.

**Auto Collision Repair** is a two-year program designed to give students the knowledge needed for a career in the auto collision field. Entry-level qualifications include minor dent repair, sheet metal alignment, paint prep and detailing. Prep work involves the final sanding and masking for the paint job. Detailing is color sanding, buffing, and completely cleaning the vehicle for delivery to the customer. *Recommendation: proficiency in standard/metric math skills and reading skills.*

**Automotive Technology** is a two-year program, which offers study and training in the diagnosis and repair of automobiles. The program is NATEF certified and taught by ASE Master Certified personnel. 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. Course syllabus is available upon request. *Recommendation: proficient reading skills.*

**Child Care Provider** is two-year program designed for students who desire to work in careers involving young children & their families. Students will have experiences with preschoolers. 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*

**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 who can devote two years to complete the course. Students who can only take the course for one year are allowed with the understanding that they will only complete one half of the course. The course is designed to give students 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. *Recommendation: proficient reading skills and problem-solving skills.*

**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 & foundations, grade elevations, plan reading, rough & finish carpentry, and residential wiring. *Recommendation: industrial technology, science, algebra and geometry.*

**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 start 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 Pro-Start or SkillsUSA. Twelve hours of articulated credit is available to students through Ozarks Technical Community College. *Recommendation: FACS class(es) and applied math.*

**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*

**Graphic Communications** is a two-year course preparing students to work in the graphics or sign industry. Students will use photo editing software to edit and manipulate digital images. Students use graphic design software to produce professional quality print materials such as calendars, business cards, scratch pads, brochures, cookbooks and advertising products. Students have the opportunity to cut and apply vinyl on banners, walls and windows. *Recommendation: proficiency in keyboarding and applied math.*

**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. Student 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 student will be required to participate in clinical rotations with the emphasis on job placement. The clinical facilities utilized for rotations are Monett Health Care Center, Lacoba Homes and Cox Monett Hospital. Clinical rotations are directly supervised by the Health Occupation Instructor and/or supervised by health care professionals. 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 and nursing homes. Students interested in another aspect of health care should consult Mrs. Schmidly. *Recommendation: biology, chemistry, algebra, and anatomy and physiology*

**JROTC (Junior Reserve Officer Training Corps)** program is designed to teach high school students the value of citizenship, leadership, service to the community, 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 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. DUAL CREDIT OFFERED WITH ADAMS STATE COLLEGE. *Recommendation: Great for self-esteem, character building, and leadership training*

**Computer-aided Machining (Formerly Machine Tool Technology) or CAM** is a two-year program in a rapidly changing field. This course provides additional instruction and practice in the use of precision measuring tools, blueprints, lathes, milling machines, grinders, and computer numerical controlled machines. Emphasis is 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 and advanced operations of measuring, layout, drilling, sawing, turning, and milling.

Computer-aided machining is also a good program for students interested in pre-engineering. The machine tool classroom has the latest 3D modeling and Design software and a 3D printer. Seniors who participate in this course are encouraged to research and produce a cutting edge green project. Some of the projects in the past have been on hydrogen power, wind powered generation, and solar power. The class also has a drag racing car project which should debut in the spring of 2012. 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 good. *Recommendations: algebra and industrial technology.*

**Marketing** provides a basic foundation for further study in marketing. Students will become familiar with marketing theory and terminology. They will be provided with the tools needed to apply these principles and concepts to real world experiences. Students will be given the opportunity to gain an appreciation of the role of marketing within the planning mechanism of a business and will use these techniques to market and manage the in-house SWACC Store. Students study economic functions at work in the marketplace. Marketing functions including purchasing, pricing, and distribution functions. This course is based on the business and marketing core that includes communication skills, economics, financial analysis, and promotion. Both marketing and employment skills learned will improve and increase the chance of successful transition into the world of work. Leadership development will be provided through DECA activities and competitive events. *Recommendation: computer applications and keyboarding proficiency.*

**Pharmacy Technician** is a one-year program which provides an exciting, fast-paced one-year program prepares students for a career in a pharmacy directly after high school or any career in the medical field after additional education or training. Students apply advanced medication knowledge and perform pharmacy procedures in a hands-on, technology-driven environment. This course gives students an in-depth understanding of medication and the ability to communicate using medical terminology, problem solving and a successful work ethic necessary to become a pharmacy technician. Whether students go to work or choose to further their education, they should excel because of the knowledge and skills they have obtained in this program. *Recommendation: biology, chemistry, and algebra.*

**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 SWACC 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 Credits Available through SWACC**

#### **DUAL CREDIT COURSE OFFERINGS**

In order to be eligible for a dual credit course, the students must apply and be admitted to the university, meeting the standards set by that particular university. The credits earned are transcribed as both high school and college credits.

**Adams State College** (Alamosa, Colorado) has dual credit courses offered in JROTC. These courses are taught by Career Center faculty. This program is offered for JROTC students across the United States. If a student is going into the military, he/she can use these credits to advance in rank. Students can earn up to six (6) college credits. Textbooks are provided. Some scholarships may be available through JROTC.

**Missouri Southern State University** (MSSU) has dual credit courses taught on campus with an on-site teacher for English composition and with various ITV courses, such as history, government, sociology, theater appreciation, music appreciation, biology, physical science, college algebra, psychology, etc. Each semester, a new ITV schedule will be available for student enrollment.

The tuition rate for the dual credit classes is 50% reduced tuition rate. Regular tuition for this school year is \$143.00 per credit hour, which means our students would pay \$72.50 per credit hour. Textbooks can be rented, and a possibility of purchase workbooks may be required. For further information, contact the Office of Academic Affairs at MSSU at 625-9555 or Jenney Head, our campus representative, at 235-7022, extension 2515.

### **ARTICULATION AGREEMENTS**

Articulation of college credit is available for most classes. Upon completion of the vocational course with the required GPA, attendance, and mastered competencies; the student has the option of entering some colleges and receiving FREE college credit for classes related to the area of study in accordance to the articulation agreement. At the current time, Southwest Area Career Center has articulation agreements with Linn State Technical College, Missouri Southern State University, NorthWest Arkansas Community College, and Ozarks Technical Community College. Other articulation agreements may be available in the future. All course syllabi are available upon request. See attached “Articulated Credits Available to SWACC Students” chart provided in this booklet.

### **CREDIT BY EXAM PROGRAM AT CROWDER COLLEGE**

Credit by Exam is available for most classes. Upon completion of the vocational course with the required GPA, attendance, mastered competencies, and Technical Skills Attainment (TSA) assessment; the student has the option of entering Crowder College and receiving college credit for classes related to the area of study. The cost is \$50 per course, which is paid upon completion of 12 credit hours at Crowder College. Students must apply for the credits and complete the necessary paperwork. See the Credit by Exam chart provided in this booklet for specific details.