

Marionville High School
Career Planner
2019-2020
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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 web-based 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 workforce immediately after graduation:**

- Select courses that give you specific information and skills for employment.
- Examine the Scott Regional Technical Center for 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

Air Force– (417) 823-3869

Marines– (417) 881-7652

National Guard- (417) 678-4540

Navy- (417) 881-4252

• **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 an Individual Career and Academic Plan (ICAP) by selecting the courses that are relevant to the variety of occupations in the chosen career pathway.
- The ICAP 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 ICAP 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

English: 4

Science: 3

Math: 3

Social Studies: 3

Practical Art: 1

Fine Art: 1

PE: 1

Personal Finance $\frac{1}{2}$

Health: $\frac{1}{2}$

CTE Certificate

Beginning with graduates of 2021

1. Meet all requirements set forth in state and local board of education policies related to earning a high school diploma.
2. Qualify as a career and technical education (CTE) concentrator. A CTE concentrator is defined as a student who has earned three or more credits in a sequence in any department-approved career education program area as defined on the student's personal plan of study.
3. Maintain a minimum grade point average of 3.0 on a 4.0 scale in the CTE area on concentration as defined on the student's personal plan of study.
4. Pass an approved Technical Skill Assessment (TSA) and/or an approved Industry-Recognized Credential or Certificate (IRC) aligned with the student's CTE area of concentration.
5. Complete at least 50 hours of work-based learning aligned with the CTE area of concentration
6. Maintain at least a 95 percent attendance record overall for grades 9-12
7. Demonstrate soft skills/business skills
8. Achieve a score at or above the state standard on any DESE-approved measure of college and career readiness, for example, ACT, ASVAB, SAT, ACT-Workkeys

Agricultural Paths:

Agricultural Mechanics Concentrator:

An agricultural education student will be considered a concentrator of agricultural mechanics upon enrolling in the third course in the following course sequence. Agricultural Science 1, Agricultural Science 2, Agricultural Construction.

Agricultural Business Concentrator:

An agricultural education student will be considered a concentrator of agricultural business upon enrolling in the third course, in the following course sequence. Agricultural Science 1, Agricultural Science 2, Agricultural Business.

Agricultural - Animal Science Concentrator:

An agricultural education student will be considered a concentrator of Animal Sciences upon enrolling in the third course, in the following course sequence. Agricultural Science 1, Agricultural Science 2, Advanced Animal Sciences.

Family and Consumer Sciences Path:

CD&E, Child Development I and II, Pathways to Teaching, Teaching Practicum

Business, Management & Administration

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.

ENGLISH 4 units, one of which may be speech or debate, and 2 units emphasizing composition or writing skills. (Not including Yearbook)

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.

Some general requirements include:

- Graduate from high school
- Successful completion of a core curriculum of at least 16 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.

Rule for Division I Athletes

16 Core Courses Required:

- 4 years of English
- 3 years of Math (Algebra I or higher)
- 2 years of science
- 1 year of additional English, Math and/or science
- 2 years of social studies
- 4 years of additional courses (any listed above, foreign language or comparative religion/philosophy)

Full Qualifier

Complete 16 core courses

10 of the 16 core courses must be completed before the seventh semester (senior year) of high school

7 of the 10 core courses must be in English, math or natural/physical science

Earn a core-course GPA of at least 2.30

Earn the ACT score that corresponds with your GPA on the sliding scale

Rule for Division II Athletes**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)

Full Qualifier

Complete 16 core courses

Earn a core-course GPA of 2.2

Earn the ACT/SAT score matching your core-course GPA on the Division II sliding scale

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

Archery
Basketball
Cheerleading
Cross Country
Softball
Track and Field
Volleyball

ATHLETICS FOR BOYS

Archery
Baseball
Basketball
Cheerleading
Cross Country
Football
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 8 or higher on an 11 point scale or 3 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. There are no dues for Academic 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 with the team. You are expected to commit to the team for the entire season. The season for academic team runs from September through the district tournament in April.

BOOK CLUB:

Do you love to read? Do you love to talk about books? Then book club is the place for you! Throughout the school year, a member of book club will read numerous books in a variety of genres, then have the opportunity to discuss those books in small groups. Come join the fun!

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. FBLA membership is available to students who are enrolled currently or have completed at least one semester in a Business Class. The Marionville FBLA chapter includes many activities for one to participate in. Our chapter participates in multiple business related workshops, competitive events at the district, state, and national level, and community service projects like hosting multiple blood drives at school, organizing an annual food drive, and participating in Adopt-A-Highway with other organizations.

FCCLA:

Family Career & Community Leaders of America is a dynamic and effective national career and technical student organization that helps young men and women become leaders and address important personal, family, work, and societal issues through Family and Consumer Sciences education. FCCLA membership is available to students who are either currently enrolled or have completed at least one semester in a Family and Consumer Sciences class. FCCLA is affiliated on the regional, state, and national levels. Students have the opportunity to compete at the regional and state levels in various competitive divisions. Members have also traveled to Dallas, Louisville, St Louis, & Little Rock for National Meetings. Scholarships are also available at the college level for active members. Marionville H.S. FCCLA prides itself on its level of community service. Specific examples of community service include Adopt a Family, Traffic Safety Programs, Adopt a Highway, and many others. We welcome all freshmen! Come check us out!

FCA/FCS-Fellowship of Christian Athletes/Students

FCA is a club for any student who wants to make a difference. We try to meet once a week 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 students enrolled in agricultural classes at the Marionville High School. This is in an intercurricular organization; meaning students participate in FFA activities in the classroom and outside of the school day as well. 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 have to own farm animals. All students need to operate and maintain an S.A.E. project.

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.

Marionville Honor Society:

Marionville Honor Society is an honor society available to students who have a 3.75 GPA or higher in their junior or senior year. Students can earn entrance into NHS by paying \$10 in dues, acquiring 10 hours of school or community service, and maintaining a clean record with no out of school violations in the students' high school career. Induction will happen at the end of the school year for those students who meet the criteria.

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 projects. During our monthly meetings you will be doing science experiments. 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. The team participates in the conference Science Olympiad.

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 hosting both homecoming celebrations and dances. They are also responsible for the Veteran's Day Assembly. In addition, they help 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.

COUNSELING SERVICES

The counseling staff uses the Missouri Comprehensive Guidance Program as a model for developing 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. All Juniors will take the ACT on a statewide testing date during the school year. This test will be free to students.

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 spring 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

English

* Requirement
+Weighted

English I*

Grade Level: 9th

Prerequisite: None

Course Term: 2 Semesters

Credit: 1 Unit

This is an introductory English course for high school freshmen. Students will review basic grammar rules and concepts and expand on their current understanding of the mechanics of the English language. Students will engage in a variety of reading and writing activities to further develop their reading, writing, speaking, and analytical thinking skills.

English II*

Grade Level: 10th

Prerequisite: English 1

Course Term: 2 Semesters

Credit: 1 Unit

This course will allow students to gain understanding of various literary perspectives and will further develop students' writing, speaking, reading, and analytical thinking skills through readings, group work, independent practice, class discussions, presentations, and writing assignments. Students in this course will complete at least two novel studies and write essays, including a literary analysis and a research paper.

English III*- American Literature

Grade Level: 11th

Prerequisite: English I & II

Course Term: 2 Semesters

Credit: 1 Unit

The purpose of this course is to explore the many different time periods and authors of American literature, along with pieces that explore across cultures. The students will be presented with different themes that help reveal the history of American literature, as well as how literature of other cultures has influenced it. This course will also help students better understand events in our nation's past and why these events occurred. Students will explore universal themes, author's purpose, figurative language, and other literary devices. Students will be required to complete vast amounts of reading assignments (small group, whole class, and independently), writing activities, and grammar lessons.

+Advanced English IIIGrade Level: 11th

Prerequisite: Teacher Approval & 3.0 GPA

Weighted Course

Course Term: 2 Semesters

Credit: 1 Unit

The purpose of this course is both to explore American Literature throughout history up to the present and to prepare students for the rigor of essay writing in College Prep-English IV. Students will be presented with different themes that help reveal the history of American Literature and to better understand events in our nation's past. They will also be presented with more rigorous writing assignments, from personal narratives to research writing. Students will learn basic MLA formatting and research methods to help them succeed in both senior English and college. Students will be required to complete vast amounts of reading assignments, writing activities, and grammar lessons.

English IVGrade Level: 12th

Prerequisite: English I, II, and III

Course Term: 2 Semesters

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 small group and independent reading. The course will also focus on many different aspects of writing, from practical writing, like resumes and cover letters, to essay and research writing. There will be a portion of time spent on grammar as it pertains to vital communication skills in any workplace. Students will master a variety of communication skills from listening and speaking to writing.

+Composition I and Composition IIGrade Level: 12th

Prerequisite: B or better in English III & teacher approval

Weighted Course

Course Term: 2 Semesters

Credit: 1 Unit

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 postsecondary 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 literature, which will include 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.

Creative Writing

Grade level: 10-12

Prerequisite: English I

Course term: 1 semester

Credit: ½ unit

Come ready to WRITE and share. We will stretch and hone our skills in memoir writing, personal narrative, short stories, poetry, children's books, and more. Students will collaborate and work independently as we practice the writing process in fun, creative assignments. Students will have opportunity to prepare and submit pieces of writing for the LAD fair.

Psychology in Literature

Grade level: 10-12

Prerequisite: English I

Course term: 1 semester

Credit: ½ unit

Let's go Mentalist, shall we? Students will interact with a variety of (disturbed) authors and (weird/dark) texts through a psychological lens. We will discuss common mental health issues relating to teens. Beware: class may result in better self-awareness. We will also participate in group team-building activities.

SOCIAL STUDIES

* Requirement

+ Weighted

World History*

Grade Level: 10th

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, and the Contemporary World.

Government

Grade Level: 11

Course Term: 2 semesters

Credit: 1 full credit

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.

- v Foundations of American Citizenship
- v The Individual and Society
- v The National Government
- v The American Legal System

Character and Leadership

Grade Level: 9-12

Course Term: 1 semester

Credit: 1/2 unit

Character and Leadership is a semester-long course designed to be meaningful to your life. The goal of this course is to motivate you to become a stronger individual today and a better leader tomorrow. Through this course, you will develop personal core values, time management techniques, accountability, and many other things. The ultimate goal is to help you become more successful in school, relationships, career, life, and simply to develop an attitude in which you strive to be a little bit better each day.

History vs Hollywood

Grade level: 11-12

Prerequisite: World History

Course Term: 1 semester

Credit: ½ unit

This course explores the historical past through the storytelling of Hollywood. Various historical events and figures have had popular Hollywood films created to entertain audiences and make money. Often these films cover little-known stories and people overlooked in the traditional history curriculum. Some movies follow the historical event or person with the same accounts as described in history books and other historical documents. Sometimes the story is loosely based on historical facts. Hollywood movies can have a powerful influence over its audience because they are designed to entertain, but they can also teach us or help us have a better understanding of complex or little known historical occurrences. This course will help separate the fact from fiction as we compare Hollywood's version of history to the traditional sources of historical information found in textbooks, newspapers, articles, diaries, narratives, and documentary films. Students will be challenged to look beyond the entertainment of the movie and evaluate the accuracy of Hollywood feature films. Sport and pastime as told by Hollywood may also be studied.

American History

Grade Level: 12

Course Term: 2 semesters

Credit: 1 full credit

This course is a survey of American history from the Civil War era to the present. Topics include industrialization, immigration, the Great Depression, the major American wars, the Cold War, and social conflict. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in American history since the Civil War.

OTC HST 120: U.S. History I

Grade Level: 12

Course Term: 2 semesters

Credit: 1 full credit

This course is a survey of the history of the United States from pre-Colombian societies to the Civil War. Including formative political, social, economic, and cultural developments. It also introduces students to history as academic discipline, and requires analysis, synthesis, and evaluation of primary and secondary materials in reading, discussion, and writing. **This class can provide the student with OTC Dual Credit, therefore the curriculum and workload will be more demanding than equivalent high school course.**

OTC HST130: U.S. History II

Grade Level: 12

Course Term: 2 semesters

Credit: 1 full credit

This course is a survey of the history of the United States from Reconstruction to the present, covering the political, economic, social and cultural developments that have shaped modern America. It introduces students to history as an academic discipline and requires analysis, syntheses and evaluation of primary and secondary materials in reading, discussion and writing. **This class can provide the student with OTC Dual Credit, therefore the curriculum and workload will be more demanding than equivalent high school course.**

MATHEMATICS

* Requirement

+ Weighted

Algebra AGrade Level: 9th

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 IGrade Level: 9th – 12th

Course Term: 2 Semesters

Credit: 1 Unit

Algebra I is a comprehensive course covering all topics necessary for an adequate foundation for future classes mathematics. Upon completion of this course the student will reinforce previous mathematical experiences and develop skills by studying the real number system, linear equations and inequalities, quadratic equations, exponential equations, operations with polynomials, and statistics.

GeometryGrade Level: 9th-12th

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.

Integrated Geometry

Grade level:

Course term: 2 semesters

Credit: 1 unit

Integrated Geometry is designed to provide a strong foundation in mathematics and to help students develop the content and problem-solving skills needed for success in college, careers and daily life. Integrated Geometry is not recommended for students who plan to take Algebra II or College Algebra. Taking Integrated Geometry will fulfill 1 of the 3 math credits students need to graduate.

Algebra IIGrade Level: 10th-12th

Course Term: 2 Semesters

Credit: 1 Unit

Prerequisite: Satisfactory completion of Algebra I and Geometry

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.

Algebra II HonorsGrade Level: 10th-12th

Course Term: 2 Semesters

Credit: 1 Unit

Prerequisite: Satisfactory completion of Algebra I and Geometry AND teacher recommendation

Algebra II Honors 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. Topics included will challenge the student to use an analytical approach to problem solving.

+Advanced Math and TrigonometryGrade Level: 11th-12th

Course Term: 2 Semesters

Weighted Course

Credit: 1 unit

Prerequisite: Satisfactory completion of Geometry and Algebra II

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.

OTC MTH 130 - College AlgebraGrade Level: 12th

Course Term: 1 Semester

Weighted Course

Credit: 1/2 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

This course is a standard course in college level algebra. Topics include properties of functions; polynomial, rational, exponential, logarithmic functions and their graphs; and conic sections.

+Applied Statistics

Grade Level: 11 & 12

Course Term: 1 semester

Weighted Course

Credit: ½ Unit

Prerequisite: Satisfactory completion of Algebra II with C or better

Applied Statistics is a semester course designed to introduce the methods of applied statistics used in the sciences, allied health fields, and education. Emphasis is given to basic concepts and techniques for collecting and analyzing data, drawing conclusions, and making predictions. After completing this course, students will know the basic terms, concepts, principles, methods, and perspectives of statistics.

SCIENCE

* Requirement

+ Weighted

Physical Science*Grade Level: 9th

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 our environment.

Biology*Grade Level: 10th-12th

Course Term: 2 Semesters

Prerequisites: Physical Science

Credit: 1 Unit

Biology is a comprehensive study of life from the single cell organisms to the multi-cellular organisms. Themes that will be explored are scientific inquiry, chemistry of life, structure and function, processes of life, reproduction and inheritance, ecology, development, and science in society. We will emphasize the application of Biological concepts to everyday life. In Class activities include lectures, laboratory investigations, and opportunities for personal research while online assignments will also be utilized through the class website. This course of study will help students develop an understanding of all life forms, develop sound scientific reasoning, organizational skills, and become more familiar with biology in everyday life.

Biology IIGrade Level: 11th-12th

Course Term: 2 semesters

Prerequisites: BIO I (2 semesters)

Credit: 1 Unit

This course expands the students' knowledge of basic biological concepts. Themes that will be explored are scientific inquiry, chemistry of life, cell structure and function, bacteria, viruses, fungi, plant diversity and all phyla of the animal kingdom including dissections of different phyla and classes. This will allow for anatomy and physiology of invertebrates and vertebrates. 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 responsible for class assignments and online assignments through the use of the class website

Environmental Science

Grade level: 11th- 12th

Course Term: 2 semesters

Prerequisites: Bio I (2 semesters)

Credit: 1 unit

Environmental science is the study of patterns and processes in the natural world and their modification by human activity. It is an integrated science course designed for students to better understand current environmental problems and approaches to solving them. Environmental science considers physical, biological and chemical processes and that are often the basis of those problems, and the human influences (social sciences) on them. This course is designed to give students the understanding and skills necessary to address the environmental issues we are facing today by examining scientific principles and the application of those principles to natural systems. This course will survey some of the many environmental science topics at an introductory level, ultimately considering the sustainability of human activities on the planet.

+Human Anatomy/PhysiologyGrade Level: 11th-12th

Course Term: 2 semester

Prerequisites: Biology I (2 semesters)

Credit: 1 unit

The major conceptual themes, which will be emphasized during this course, are the relationships between structure and function of the human body systems. Students will gain an understanding of each system and how the functions of all 11 body systems allow for the whole human body to function properly. In class assignments will include notes, written assignments, presentations, and the influence of society on the science of the human body. Students will be responsible for class assignments by utilizing the class website.

+OTC CHM 101- Introductory ChemistryGrade Level: 11th-12th

Course Term: 2 Semesters

Prerequisites: C or better in Algebra 1 & teacher approval 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 during laboratory experiments that correlate with classroom material. Students will also write formal research papers on scientific topics.

+OTC Bio 100- Life Science

Grade Level: 11th-12th

Course Term: 2 Semesters

Weighted Course

Credit: 1 Unit

Prerequisites: C or better in Physical Science, Biology I & Teacher Approval

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 write formal research papers on scientific topics.

+OTC PHY 105- Introduction to PhysicsGrade Level: 11th-12th

Weighted Course

Course Term: 2 Semesters

Credit: 1 Unit

Prerequisites: C or better in Biology 1 & teacher approval. Satisfactory completion of Algebra I is strongly recommended.

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, but are not limited to, simple motion, velocity and acceleration, vectors, forces, gravity, and Newton's laws of motion. Students will have opportunities to experience hands-on learning during laboratory experiments that correlate with classroom material. Mathematical skills should be proficient. Students will also have the opportunity to design, and conduct physics based projects. Students will also write formal research papers on scientific topics.

PHYSICAL EDUCATION AND HEALTH

* Requirement

Physical Education*Grade Level: 9th-12th

Required Course

Course Term: 2 Semesters

Credit: 1 Unit

This course is designed to provide students with general skills and knowledge in a variety of sports, fitness training, and lifetime activities. The Course will consist of daily aerobic and anaerobic exercises, activities, and games. Sample units include flag football, basketball, volleyball, archery, and yoga. This course may be taken ONE time during your high school career.

Dress: Students enrolled in physical education course are required to bring a change of clothing in order to participate in class activities. Dress includes athletic shorts or sweatpants, t-shirt or long sleeve shirt, socks, and soft soled shoes.

WeightsGrade Level: 9th-12th

Elective Course

Instructor Permission Required

Course Term: 1 Semester

Credit: ½ Unit

This course is aimed at the athlete who is participating in extracurricular 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.

Dress: Students enrolled in weights course are required to bring a change of clothing in order to participate in class activities. Dress includes athletic shorts or sweatpants, t-shirt or long sleeve shirt, socks, and soft soled shoes.

Lifetime Activities

Grade Level: 11th-12th

Course Term: 1 Semester

Elective Course

Credit: 1 Unit

This course emphasizes various units of life-time activities. Bowling, pickle ball, card games, flag football, ultimate frisbee and badminton are examples of units that may be included in the semester. This course **does not** fulfill the physical education requirement.

Dress: Students enrolled in lifetime activities course are required to bring a change of clothing in order to participate in class activities. Dress includes athletic shorts or sweatpants, t-shirt or long sleeve shirt, socks, and soft soled shoes.

Health*

Grade Level: 9th-12th

Course Term: 1 Semester

Required Course

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

ART I

Grade Level: 9th-12th

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 2

Grade Level: 10th-12th

Elective Course

Prerequisites: Art I or approval

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 as well as 3-dimensional media. Processes with a variety of drawing, painting and 3-dimensional media will be emphasized. 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.

ART 3

Grade Level: 10th-12th

Elective Course

Prerequisites: Art 2 or approval

Course Term: 2 Semesters

Credit: 1 Unit

Studio Class

Art 3 is a further continuation of Art 2 advanced art class that focuses on the perceptual skills required in drawing and painting as well as 3-dimensional media. Processes with a variety of drawing, painting and 3-dimensional media will be emphasized. 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.

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

2-Dimensional ArtGrade Level: 10th-12th

Elective Course

Prerequisite: Art II or approval

Course Term: 1 Semester

Credit: ½ Unit

Studio Class

2-Dimensional Art is a one semester course that focuses on the visual arts. The semester will be a study of 2-Dimensional Art including drawing, painting and other 2-dimensional media, as well as artists and styles, 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 painting techniques and material.

2-Dimensional Advanced ArtGrade Level: 10th-12th

Elective Course

Prerequisite: 2-Dimensional Art

Course Term: 1 Semester

Credit: ½ Unit

Studio Class

2-Dimensional Advanced Art is a continuation of 2-Dimensional Art and is a one semester course that focuses on the visual arts. The semester will be a study of 2-Dimensional Art including drawing, painting and other 2-dimensional media, as well as artists and styles, materials, and uses. Units of study will be designed with three goals in mind.

4. To foster an understanding of and appreciation for art, the issues of production, history, criticism, and aesthetics.
5. To encourage creativity and originality.
6. To develop an understanding of advanced painting techniques and material.

3-Dimensional ArtGrade Level: 10th-12th

Elective Course

Prerequisites: Art II or approval

Course Term: 1 Semester

Credit: ½ Unit

Studio Class

3-Dimensional Art is a one semester course that focuses on the visual arts. The semester will be a study of 3-Dimensional Art including ceramics, sculpture and other 3-dimensional media, as well as artists and styles, 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 ceramic techniques and materials.

3-Dimensional Advanced ArtGrade Level: 10th-12th

Elective Course

Prerequisites: 3-Dimensional Art

Course Term: 1 Semester

Credit: ½ Unit

Studio Class

3-Dimensional Advanced Art is a continuation of 3-Dimensional Art and is a one semester course that focuses on the visual arts. The semester will be a study of 3-Dimensional Art including ceramics, sculpture and other 3-dimensional media, as well as artists and styles, 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 ceramic techniques and materials.

ART HISTORYGrade Level: 9th-12th

Elective Course

Prerequisite:

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. Can be taken as a year or semester class.

BANDGrade level: 7th-12th

Prerequisite: Permission Required

Course Term: 1 Year

Credit: 1 Unit

The Band will participate in MHS football and basketball games, local and regional parades, and other Conference, District and State festivals and competitions throughout the year. Students will be encouraged to prepare for Solo and Ensemble competitions at the Conference, District and State levels. *Students should be prepared to perform outside of the school day and these performances will constitute a significant portion of the student's grade.*

MUSIC APPRECIATION

Grade level: 9-12

Prerequisite: None Required

Course Term: 1 or 2 Semesters

Credit: ½ unit or 1 unit

Students will gain an appreciation of music through several different approaches. Much of this class will be devoted to music listening and writing about music. Students will explore the Music Appreciation textbook by participating in several major projects and presentations. *These projects and presentations will constitute a significant portion of the student's grade.* Topics to be explored include composers and other musicians, music history, musicals and operas.

CHOIR

Grade Level: 9-12

Prerequisite: Permission Required

Course Term: 1 or 2 Semesters

Credit: ½ unit or 1 unit

Concert Choir (Fall Semester): Focus will be on several Concert Performances. These include but are not limited to the following: November Veteran's Day Assembly, the Christmas/Holiday Concerts at both the school and Manor, and other possible performances such as singing the Star Spangled Banner for home MHS Basketball Games. Beginning in August, the majority of rehearsals will focus on preparing for these concerts and performances. *Some of these Concerts will be outside of school hours and will be for a grade.*

Festival Choir (Spring Semester): Focus will be on several MSHSAA Festivals. These include but are not limited to the following: District Solo and Ensemble Festival, Large Group (Choir) Festival, and State Vocal Festival. These are adjudicated festivals and will be for a rating. Students will also prepare for the annual Spring Concerts at both the school and the Manor, along with possible performances of the Star Spangled Banner at home MHS Basketball Games. Beginning in January, the majority of rehearsals will focus on preparing for these festivals and performances. *Some of these performances will be outside of school hours and will be for a grade.*

PRACTICAL ARTS

* Requirement

+ Weighted

Business Courses

ENTREPRENEURSHIP

Grade Level: 10-12

Course Term: 1 Full year

Credit: 1 Unit

Entrepreneurship will be a project-based class that dives deeper into the details of starting and running their own business. Students will start with exploration and in-depth research of industries and businesses within those industries. They will decide which businesses will be profitable or if they have growth potential. Students will be required to plan multiple businesses from different industries and create an in-depth business plan that they would present to a bank for financing. Their plan will show industry research, start-up costs, pricing and profitability, overhead costs, management and employment structure, geographic location, future performance projections, growth plans, tax status, and more.

Career Prep

Grade Level: 11th- 12th

Course Term: 1 Semester

Credit: ½ Unit

This class focuses on preparing the students for the path to a career of their choosing. Students will explore career options and opportunities and research all aspects of that career including education requirements, needed experience, salary, benefits, hours, etc. They will be required to find internships and jobs that would enhance their experience, schools or colleges that offer the necessary education, and mentors who can give them insight and advice. They will also learn how to apply for jobs, apply for programs or colleges, create resumes and cover letters, and communicate with potential employers. Another important aspect to this class is interview readiness. It will discuss appearance, body language, appropriate conversation and questions, and follow-up communications.

Marketing

Grade Level: 9th-12th

Course Term: 1 Semester

Credit: ½ Unit

In this class, students will learn how to market people, products, services, and businesses. They will do market research, determine their demographic, and make decisions about all aspects of marketing including location, advertising, promotions, events, and more. Students will learn about the psychology of their consumers and how to attract consumers outside of their typical demographic. The class will cover how marketing is affected by trends, popular culture, industry changes, events, politics, and community mindsets.

Business Management

Grade Level: 10-12

Course Term: 1 Semester

Credit: ½ Unit

Business management will teach students about leadership and management of a business. They will learn how to lead and manage personnel as well as manage business operations. Students will be presented with challenges that require them to problem-solve with creativity but also practicality. The class will research the psychology of the employee and how to motivate, discipline, and reward them. It will also discuss how to manage finance and budgeting, understand business law, make decisions to save or invest money, create an inspiring work environment and appealing customer environment, and more.

Business Communication

Grade Level: 9th - 10th

Course Term: 1 Semester

Credit: ½ Unit

This course provides reinforcement of students' basic language art skills (composition, grammar, spelling, punctuation, etc.) and development of essential competencies for oral and written communication in today's technological workplaces. Emphasis is placed on using the computer to compose and produce accurate and effective documents (including messages, letters, memos, reports, etc.) for personal and professional purposes. Using technology (presentation software and telecommunications) to develop oral communication skills such as making presentation, giving instructions, interviewing, and making reports in an effective manner is reinforced in this course.

Computers I 9th -12th

Course Term: 1 Semester each

Computers II 9th -12th

Credit: ½ Unit each

*Must take Computer I before taking Computer II

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: 9th-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.

Personal Finance*

Grade Level: 11th – 12th

Course Term: 1 Semester

Credit: ½ Unit

This course will equip students with knowledge, strategies, and skills for managing their finances as they become adults in society. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success. Topics covered in the class include: income, money management, spending, credit, saving, and investing.

Family and Consumer Sciences Courses

CAREER DEVELOPMENT & ENTREPRENEURSHIP

Grade Level: 9-12

Course Term: 2 Semesters

Elective Course

Credit: 1 Unit

This course focuses on how individuals develop and function in family, work, and community settings and how they relate to their physical, social, emotional, and intellectual environments. Students: a) learn about personal growth and leadership; b) explore work, jobs, and career related to family consumer sciences and human services; c) solve problems impacting the work of the family; and d) make decisions that support and strengthen the integration of multiple roles/responsibilities of individuals, family, career and community. Completion of this class satisfies the practical arts requirement necessary for high school graduation.

CAREER PATHWAYS FOR THE TEACHING PROFESSION

Grade Level: 11-12

Course Term: 1 Semester

Elective Course

Credit: ½ Unit

A program that focuses on the general theory and practice of learning and teaching; the basic principles of educational psychology; the art of teaching; the planning and administration of educational activities; school safety and health issues; and the social foundations of education. This course is a prerequisite for Practicum in Teaching Pathways.

PRACTICUM IN TEACHING PATHWAYS

Grade Level: 11-12

Course Term: 1 Semester

Elective Course

Credit: ½ Unit

The pre-professional teaching practicum is the second part of a two-credit program designed to attract capable young people to the teaching profession through a challenging introduction to teaching. This course is designed to place students in cadet teaching settings for the purpose of gaining knowledge from classroom teachers. Each student will complete four teaching placements during this semester long course. Career Pathways for the Teaching Profession is a pre-requisite for this course and related courses.

CHILD DEVELOPMENT I

Grade Level: 10-12

Course Term: 1 Semester

Elective Course

Credit: 1/2 Unit

This course focuses on the intellectual, social, emotional, and biological development of children. It includes instruction in parent-child relations, parenting practices, special needs of children, parental and environmental influences on child development, external support services, and related public policy issues. This course is a prerequisite for Child Development II.

CHILD DEVELOPMENT II

Grade Level: 10-12

Course Term: 1 Semester

Elective Course

Credit: ½ Unit

This course provides advanced study in child development and guidance, including the physical, social, and intellectual development of children. Actual experience in supervising children provides the opportunity to improve parenting skills, explore careers related to child development, and identify general employment skills. (Prerequisite: Child Development I)

NUTRITION AND WELLNESS

Grade Level: 10-12

Course Term: 1 Semester

Elective Course

Credit: ½ Unit

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

PERSONAL FINANCE

Grade Level: 11-12

Course Term: 1 Semester

Required Course for Graduation

Credit: ½ Unit

This course focuses on helping students: 1) be knowledgeable, educated and informed on issues of managing money and assets, banking, investments, credit, insurance, and taxes; 2) understand the basic concepts underlying the management of money and assets (e.g. the time value of money in investments and the pooling of risks in insurance); and 3) using that knowledge and understanding to plan and implement financial decisions.

Agricultural Education

Agricultural Science I

Grade Level: 9th-12th

Prerequisite: None

Course Term: 2 Semesters

Credit: 1 Unit

A course designed for instruction in animal science, agricultural mechanics, careers, leadership, supervised agricultural experience and record keeping. 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. Students will develop an SAE project and will become a member of the FFA. Students will be challenged academically, every day. This course will provide a sound background for the agricultural industry.

Agricultural Science II

Grade Level: 10th-12th

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. Students will develop an SAE project and will become a member of the FFA. This course provides more background for the student who may pursue an agricultural career.

Agricultural Construction I & II

Grade Level: 11th-12th

Prerequisite: Agricultural Science I & II

Course Term: 2 Semesters

Credit: 1 Unit

May be taken for college credit if criteria is met for this 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. Students will develop an SAE project and will become a member of the FFA. 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 BusinessGrade Level: 11th-12th

Course Term: 2 Semesters

Prerequisite: Agricultural Science I & II

Credit: 1 Unit

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

This course is offered on a rotating basis, and is offered on school years starting with even years ex: 2014-15, 2016-17.

This course is designed for students who have an interest in agriculture and where their food comes from. This course is designed to help students, to better understand how (an agriculturally based) business operates. This course will have a heavy emphasis on physical and financial management of an ag based business, and the related factors need to run a profitable farm, ranch, etc. Students will maintain an SAE project and become active members of the National FFA Organization. Students are not required to live on a farm or own animals.

Advanced Animal ScienceGrade Level 11th-12th

Course Term: 2 Semesters

Credit: 1 Unit

Prerequisite: Agricultural Science I&II

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

This course is offered on a rotating basis, and is offered on school years starting with odd years ex: 2015-16, 2017-18.

This course is designed for students who have an interest in agriculture and where their food comes from. This course is designed to provide greater insight on numerous aspects of animal agriculture. Course subjects include studies in animal nutrition, animal reproduction, and herd health management, advanced beef science, advanced dairy science, advanced swine production. This course is designed to provide students with a broader insight of animal agriculture. Students will maintain an SAE project and become active members of the National FFA Organization. Student's are not required to live on a farm or own animals.

FOREIGN LANGUAGE**Rosetta Stone:**

Foreign language courses will be offered in an online setting through Rosetta Stone. Students can choose the hour and foreign language that they are interested. 5 languages are available, including: Spanish, French, German, Arabic, Mandarin Chinese.

ACT Prep Courses

Math & Science ACT Prep:

This semester course is designed to help students achieve their goal score on the ACT math and science subsections. Key features of this course will include specific approaches for achieving various levels of scores (22, 26, 30+), a comprehensive content review for math and science, which specifically will cover the topics most frequently addressed by the ACT, and practice using past ACT test content.

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 and an application is required!**