

Harrisburg High School
Career & Educational Planning Guide
2020-2021



HARRISBURG R-VIII HIGH SCHOOL

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2020-2021

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TABLE OF CONTENTS

Student Graduation Requirements.....	3
Schedule Changes.....	3
Special Services.....	3
Credit Recovery.....	3
Grade Point Averages.....	3
A+ Schools Point Eligibility.....	4
ASVAB, PSAT, ACT, WORK KEYS.....	4
Dual Credit.....	5
Creating a Plan of Study.....	5
Course Descriptions:	
Art.....	6-7
Business/Computer Education.....	7-11
Communication Arts/English.....	11-18
Foreign Language.....	18-20
Health.....	20
Mathematics.....	20-25
Music.....	25-26
Physical Education.....	26-28
Science.....	28-33
Social Studies.....	33-36
Electives.....	36-40
Miscellaneous.....	40-40
Moberly Area Technical Center Programs.....	41

STUDENT GRADUATION REQUIREMENTS

Students must earn 24 units of credit to be eligible for graduation. Students earn credit through both regular attendance and completing required class work. They must pass the United States and Missouri Constitution tests and a Civics exam while in high school. They must receive CPR training. Students also must take End Of Course (EOC) exams in applicable courses.

Communication Arts	4 credits
Mathematics	3 credits
Social Studies	3 credits
Science	3 credits
Fine Art	1 credit
Practical Art	1 credit
Physical Education	1 credit
Health	.5 credit
Electives	7.5 credits
Total	24 credits

SCHEDULE CHANGES

Students may request a schedule change during the first three days of the semester. Schedule changes must be approved by the School Counselor. After the first three days, students must have approval from the Principal to make changes.

SPECIAL SERVICES

Courses are available for individual students with diagnosed special needs.

CREDIT RECOVERY

Students who get behind in earning credits may discuss options for credit recovery with the School Counselor and/or Principal.

GRADE POINT AVERAGES

Grade point averages are calculated on a four-point scale. This scale is as follows:

Letter Grade	Percent	GPA
A	100-95	4.00
A-	94-90	3.70
B+	89-87	3.30
B	86-84	3.00
B-	83-80	2.70
C+	79-77	2.30
C	76-74	2.00
C-	73-70	1.70
D+	69-67	1.30
D	66-64	1.00
D-	63-60	.70
F	59-0	0

A+ SCHOOLS PROGRAM

Students who meet A+ requirements will be eligible for 2 years of reimbursed tuition and general activity fees at many Missouri community colleges, vocational or technical schools. This funding is based on annual allotments made by the Missouri legislature.

Student Requirements

1. 2.5 Grade Point Average (cumulative over 4 years)
2. 95% attendance rate (cumulative over 4 years)
3. 50 hours of mentoring and tutoring
4. Score of proficient or higher on the Algebra I EOC or equivalent exam
5. Good citizenship as outlined in the HHS A+ citizenship agreement
6. Attend a designated A+ high school for 3 consecutive years.
7. Make a good faith effort to secure federal post-secondary funds by submitting the FAFSA.
8. Register with the Selective Service.
9. A+ students must have the appropriate signed agreements on file with the School Counselor and the A+ Data Coordinator.

ASVAB, PSAT, ACT, WORK KEYS

The ASVAB (Armed Services Vocational Aptitude Battery) is a multiple aptitude test developed and maintained by the Department of Defense. All HHS students will take the ASVAB during their 10th and 12th grade years (sophomores cannot use their scores for enlistment eligibility). Students may also retake the test at any time by coordinating with a military recruiter.

The PSAT is a pre-SAT assessment offered by College Board. HHS will administer the PSAT exam to 11th grade students who elect to register and pay for the exam. The PSAT serves as the National Merit Scholar Qualifying Test (NMSQT). Additional information about the PSAT/NMSQT and SAT can be found at www.collegeboard.org. Sophomores who wish to be considered for application to the Missouri Scholars Academy should take the PSAT.

The ACT is a college entrance assessment used by most colleges throughout the United States and by many scholarship programs for eligibility determination. The assessment is administered nationally seven Saturdays a year during the months of September, October, December, February, April, June and July at various test centers. Additional information about the ACT and preparation can be found on the HHS school counselor webpage.

ACT WorkKeys is a job skills assessment system that helps employers select, hire, train, develop, and retain a high-performance workforce. This series of tests measures foundational and soft skills and offers specialized assessments to target institutional needs. HHS offers the ACT WorkKeys exam to students through funding provided by the Missouri Department of Economic Development.

DUAL CREDIT

Harrisburg High School offers a variety of dual credit courses through Moberly Area Community College (MACC). Dual credit allows 10th, 11th and 12th grade students to earn high school and college credit at the same time. Students who meet MACC's and Harrisburg High School's eligibility requirements will have the opportunity to register and pay for dual credit courses. Courses with the potential for dual credit are indicated in this course guide. Dual credit classes are contingent upon staffing and student demand.

In addition to dual credit courses taught by HHS staff, students may have the opportunity to take dual credit courses online for dual credit through MACC. Online dual credit course offerings vary by semester. Online dual credit courses are also indicated in this course guide.

Individual Career and Academic Plan (ICAP)

Students are encouraged to take rigorous coursework that aligns with their career path and prepares the student for his/her postsecondary plans. The purpose of this guide is to present important information about courses and programs at Harrisburg High School, and to help students create an Individual Career and Academic Plan (ICAP). Students and parent/guardian(s) should use the information presented here to help students create an academic plan that provides the courses needed to meet postsecondary goals.

Harrisburg High School does not discriminate in its educational programs or activities on the basis of race, color, national or ethnic origin, ancestry, age, religion or religious creed, disability or handicap, sex or gender, gender identity and/or expression, sexual orientation, or any other characteristic protected under applicable federal, state or local law.

COURSE DESCRIPTIONS

ART

Art Appreciation I (Online Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.
Description: (ART 101) Art 101 is a slide/lecture course examining the visual arts from prehistoric times through the 17th century. Content includes a study of style, design, technique, iconography, and function of art in Western and non-Western culture.

Art Appreciation II (Online Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.
Description: (ART 102) ART 102 is a slide/lecture course examining the visual arts from the 18th century to the present. Content includes a study of style, design, technique, iconography and function of art in Western and non-Western culture.

Art I

Course Length: 2 Semesters
Grade(s): 9th, 10th, 11th, 12th
Prerequisite(s): None
Description: Art 1 students will gain an appreciation of art through the study of the formal qualities of art, produce artworks that communicate meaning, and study art history from ancient Greece and Rome, the Renaissance, Impressionists, Post Impressionists, Pop and Op Art. Students will formulate answers to aesthetic questions about the nature of art, interpret and evaluate artwork using art criticism methods, create artwork in drawing, sculpture, printmaking, fibers, and multimedia that communicate ideas about identity, power, time, nature, and illusion.
Main Objectives:

1. Students will create original artwork.
2. Students will analyze and critique artworks.
3. Students will discuss aesthetic issues.
4. Students will understand how art is related to history and culture.

Art II

Course Length:	2 Semesters
Grade(s):	10 th , 11 th , 12 th
Prerequisite(s):	To enroll in Art II, students must have completed Art I with a B+ or higher.
Description:	Art 2 students will build upon previously learned skills of art production in a variety of media, will further explore topics in culture and social ideas and art movements, and will demonstrate understanding of advanced qualities such as composition, unity and perspectives. Students will create artworks in a variety of media that communicate ideas about cultural identity, social commentary, rituals, myths, and reflections. Students will study artworks in Cubism, American Regionalism, Abstract Expressionism, Native-American, Latin and Asian Art.
Main Objectives:	<ol style="list-style-type: none">1. Students will develop technical skills in the use of various media.2. Students will express themselves through the themes of observation.3. Students will analyze and critique artworks.4. Students will discuss aesthetic issues.5. Students will understand how art is related to history and culture.

BUSINESS/COMPUTER EDUCATION

Accounting I

Course Length:	Semester
Grade(s):	10 th , 11 th , 12 th
Prerequisite(s):	Must have taken Algebra 1 and received a grade of "C" or higher
Description:	This course will provide a thorough background in the basic accounting procedures used to operate a business. The accounting procedures presented will include recording transactions from source documents, posting journal entries to ledger accounts, checking accuracy, and preparing financial statements.
Main Objectives:	Students will be able to demonstrate the following: <ol style="list-style-type: none">1. Apply Accounting concepts2. Complete the Accounting cycle3. Maintain cash control4. Complete payroll procedures5. Complete special accounting procedures6. Maintain computerized accounting systems7. Demonstrate employability skills

Computer Programming

Course Length: Semester (Paired with Webpage Design)
Grade(s): 11th, 12th
Prerequisite(s): None
Description: Computer Programming introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. Computer Programming will incorporate the JavaScript language but students will learn general principles of algorithms and program design that can apply to any program language. Students will also learn how to create an App using Code.org's App Lab.

Computer Science

Course Length: Semester
Grade: 9th
Prerequisite(s): None
Description: A basic, introductory course in personal computers using Microsoft Windows and Office 2016 Suite applications. This course also covers PC history, hardware, software and operating concepts. The student will receive hands-on experience in MS Windows, Word, Excel, PowerPoint and other programs.

Main Objectives: Students will be able to demonstrate the following:

1. Knowledge of basic computing concepts
2. The ability to perform fundamental operating system functions
3. The ability to use common software applications, such as:
 - a. Word processing
 - b. Spreadsheet program
 - c. Presentation software
4. The ability to use the computer for Internet Access and electronic communication, specifically the ability to:
 - a. Gain access to school email
 - b. Conduct Internet research

Desktop Publishing

Course Length: Semester (Paired with Desktop Multimedia)
Grade: 10th, 11th, 12th
Prerequisite(s): None

Description: This course introduces students to the world of desktop publishing. Adobe Photoshop, Microsoft Publisher, Canva and Google Suite will be used to create high-quality printed documents. Students will create magazine covers, posters, flyers, business advertisements, logos, and many other functional documents.

Sports & Entertainment Marketing

Course Length: Semester

Grade: 11th, 12th

Prerequisite(s): None

Description: This introductory course emphasizes basic management principles as they relate to the business of sports. Students are introduced to sports marketing, sports law, sports supervision, sports media, sports ethics, recreational sports management and other related areas. There is an emphasis on developing and improving communication skills. An overview is provided with regard to career opportunities in this field.

Main Objectives: Students will be able to demonstrate the following:

1. Identify and understand the factors that shape sport in a culture
2. Analyze why sport is a business and how it is a catalysts for growth
3. Describe sport management and the evolution of this discipline as a profession.
4. Define and understand management and organization
5. Apply the functions of planning, organizing, leading, and evaluating to a variety of sport organizations
6. Explain the effects personal ethics have on an organization
7. Apply fundamental marketing concepts to the sport industry
8. Communicate and demonstrate the steps needed in developing an organizational budget
9. Identify and apply various areas of law to the sport industry

Introduction to Business

Course Length: Semester

Grade: 10th, 11th, 12th

Prerequisite(s): None

Description: This course is designed as an introductory class to learn general business concepts that are relevant to the future workforce and business leaders. Students will learn about relevant topics in areas of finance, marketing, operations, and management. Students will be introduced and play the Stock Market Game where they make real-time trades.

- Main Objectives: Students will be able to demonstrate the following:
1. Identify and understand the factors that shape the stock market and overall industry
 2. Describe how other countries run their businesses, looks at what's acceptable and what is not
 3. Define and understand business etiquette as it is in the US
 4. Analyze the challenges to manage oneself in the business world
 5. Identify and understand what are the different personality traits and cultures of business through a cultural diversity activity
 6. Describe, analyze and present a business of the student's choice
 7. Explore how famous entrepreneurs became who they are today
 8. Explore and create your own business

Introduction to Business (Online Dual Credit Course)

- Course Length: Semester
- Grade(s): 11th, 12th
- Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.
- Description: (BUS 100) This is a survey course designed to provide students with general knowledge of the business world. Topics include economics, management, marketing, accounting, computer information systems, human resource management, finance, and risk management.

Multimedia

- Course Length: Semester (Paired with Desktop Publishing)
- Grade: 10th, 11th, 12th
- Prerequisite(s): None
- Description: Students will be actively involved in learning and creating dynamic multimedia projects using video editing programs. Students will use photo and video software and hardware: The goal of this class is to provide students with the tools and knowledge to produce a quality multimedia presentation.

Personal Finance (Dual Credit Course)

- Course Length: Semester
- Grade(s): 11th, 12th
- Prerequisite(s): None
- Description: Personal Finance is a requirement for graduation. This semester-long course allows students to explore a variety of topics designed to help them meet the challenges of life after high school. The curriculum

includes principles and techniques for handling personal financial decisions: personal budgeting, obtaining credit, insurance, renting an apartment, buying a car, savings and investments, and more.

Main Objectives: Students will focus on four main areas of Personal Finance:

1. Taxes
 2. Checking
 3. Saving
 4. Paying for College
 5. Types of Credit
 6. Managing Credit
 7. Investing
1. Insurance
 2. Budgeting

Webpage Design (Dual Credit Course)

Course Length: Semester (Paired with Computer Programming)

Grade(s): 11th, 12th

Prerequisite(s): None

Description: In a changing world where the internet is more and more a part of our daily lives, the ability to create an efficient and eye-catching website is extremely valuable. This is an introductory course for the designing and creation of a website. This course will not only focus on the coding behind a webpage but also take into consideration a site's visual appeal and usability. Students will be challenged with different scenarios as well as working for a client to gain a better understanding of the web design career path.

COMMUNICATION ARTS

English 9

Course Length: Yearlong

Grade(s): 9th

Prerequisite(s): None

Description: Students will read a variety of genres in this year-long required course, including novels, plays, short stories, informational essays and poems. Major works include *Of Mice and Men* and *Romeo and Juliet*. Relevant informational texts will accompany this novel and play. Within each unit, learning vocabulary through context clues and making inferences will be highlighted. Students will participate in Novel November where they will

focus on the 5 stages of writing and how to correctly incorporate literary devices and techniques. Students will study plot, character development, setting, dialogue and conflict. In addition, students will learn updated MLA citation practices and will research a major informative paper with a topic of their choice using databases as a source, a practice required at the college level. Correct grammar and punctuation will be emphasized throughout the year as will different forms of writing, including the blending of genres. For example, a student may use a narrative hook to introduce an expository essay.

Main Objectives:

1. Examine various elements of literature through fiction, nonfiction, poetry, and drama.
2. Acquire basic grammar skills needed for everyday and academic writing.
3. Write across a variety of genres and for different audiences and purposes.
4. Glean meanings and connotations for new words through context clues and incorporate acquired vocabulary in their own writing.

English 10

Course Length

Yearlong

Grade(s)

10th

Prerequisite(s)

Students must pass English 9 to take English 10.

Description:

English 10 builds on the skills, strategies and practices that English 9 introduced. Instead of an informational essay, however, the students will focus their research efforts on a persuasive essay and use MLA citation style to support their argument. Moreover, students will continue to blend genres, required on the End of course exam. The students' reading focus will be on independent novels and non-fiction works co-selected with the instructor. The culminating project will be a book talk delivered to the class. Students will also read collectively short stories, informative texts and poems. They will participate in either the school's magnetic poetry contest or in another contest during National Poetry Month. A whole class novel and play will be read; currently, *Rhyme Schemer* and *The Crucible* are offered. During these units, students will focus on summarization, characterization, applying background knowledge, and developing strong interpretations with effective textual evidence to support their claims. Students will continue the practice of learning vocabulary based context clues, making inferences based on textual evidence and honing grammar and punctuation skills to improve everyday and academic writing.

- Main Objectives:
1. Examine various elements of literature through fiction, nonfiction, poetry, and drama.
 2. Build on grammar skills needed for everyday and academic writing.
 3. Write across a variety of genres and for different audiences and purposes.
 4. Glean meanings and connotations for increasingly challenging words through context clues and incorporate acquired vocabulary in their own writing.

English 11

Course Length: Yearlong

Grade(s): 11th

Prerequisite(s): Students must pass English 10 to take English 11.

Description: In this course, students will read science fiction short stories and dystopian works in the first quarter where they will also be introduced to a discussion format known as “Socratic Seminars.” In the next quarter, students will read the classic novel *The Great Gatsby* during which they will do some research into the historical period and produce a literary analysis. Next, they will read the non-fiction memoir *The Glass Castle*. During this unit, they will revisit the Socratic Seminar model to work on persuasive and communication skills. During National Poetry Month, students will view *Dead Poets Society* and write some original works as well as read published works. During 4th quarter, students will watch a series of TedTalks and analyze them based on the basic rhetorical appeals: logos (logic), pathos (emotion) and ethos (credibility). The TedTalks will relate to the students’ current reading and interests, including finding success and happiness in work that matters. This will be followed by some podcasts. After sampling TedTalks and podcasts, the students will create their own interactive, multimedia project using the knowledge from the year to inform their subject. Students will, of course, continue to learn and practice correct grammar and punctuation so that their everyday and academic writing will look and sound professional. Some course time will be devoted to practicing and improving ACT scores.

- Main Objectives:
1. Examine various elements of literature through fiction, nonfiction, poetry, and drama.
 2. Build on grammar skills needed for everyday and academic writing.
 3. Write across a variety of genres and for different audiences and purposes.

4. Glean meanings and connotations for increasingly challenging words through context clues and incorporate acquired vocabulary in their own writing.
5. Work on speaking, listening, presentation, and collaboration skills.

Introduction to Contemporary Literature (Dual Credit Course)

Course Length: Semester
 Grade(s): 11th, 12th
 Prerequisite(s): Students must earn a grade higher than a C (B- or above) in the previous year's (or semester's) English class in order to be eligible for dual credit enrollment. Students with a grade of C+ or below require principal's permission.

Description: Students will study primarily novels and plays produced in the last 30 years. Works will be selected to reflect diversity of perspectives, genres, and points of view. Along with the novels and plays, students will read informational texts and poems that reflect the topics. Students will learn more in-depth about theme, characterization, conflict, symbol, metaphor, irony and other elements that each work features most prominently. Students will write reflections and commentary, primarily, and they will produce a reader's portfolio at the end of the semester, which will include some creative pieces as well as some research. Group work and collaboration is an important part of the course, and students will learn about the settings and issues that face the characters in the books. An independent reading book will be the last assignment of the semester chosen with the instructor's input; students must produce an interactive project to reflect their experience with that text. Since this course is dual credit through an accredited college, there may be requirements the students and instructor must meet beyond this course description; these requirements may change.

Classical Mythology (Online Dual Credit Course)

Course Length: Semester
 Grade(s): 11th, 12th
 Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.
 Description: (LAL 275) The student is introduced to the subject of classical mythology with emphasis placed on its relevance to interpretation of both literature and art.

Composition I (Dual Credit Courses)

Course Length: Semester (each)

Grade(s): 12th

Prerequisite(s): Students must have completed Public Speaking and Introduction to Contemporary Literature and have earned a grade higher than a C (B- or above) in order to be eligible. Students with a grade of C+ or below require principal's permission.

Description: Composition I focuses on elements on effective writing: clarity, concision, power, authenticity, relevance and focus. Students will read models of effective writing, mostly nonfiction essays, and then we will debate their merits. The purpose of this is to learn from mentor texts to increase options in syntax, diction, and form. Students will write and revise at least once (if not more) no fewer than 20 pages of original material. Assignments will vary, though some will be abstract and creative, focused on prompts that nudge students to think outside the parameters of the traditional 5 paragraph essay; other essays are more analytical, such as a compare/contrast essay and a synthesis essay. We will also write a literary and a cultural analysis using texts the students choose. In this course, we will not write summaries; we are focused on what a writer *does* (methods and forms) not what the writer *says* (content). Some explicit study of structure, word choice, and conventions will be included. Since this is a dual credit through a separate, accredited college, there may be additional requirements beyond this course description.

Composition II (Dual Credit Courses)

Course Length: Semester (each)

Grade(s): 12th

Prerequisite(s): Students must have completed Composition I with a grade of B- or higher to enroll in Composition II. Students with a grade of C+ or below require principal's permission.

Description: Whereas Composition I focused on analysis, Composition II will focus on argumentation. We will begin with the study of classical appeals: logos, pathos, ethos and kairos as well as common logical fallacies. We will also study effective rhetorical strategies in writing, including parallel structure. We will practice these through a variety of writing assignments, including a personal opinion essay based on the NPR series "This I Believe." Students will also produce an op-ed style piece following a set of on-demand agree/disagree prompts. We will spend the majority of the semester on a researched, argumentative essay of the student's choice. This essay requires multiple, MLA cited sources and counterarguments in which the author imagines what the opposition

would propose instead, conceding then rebutting that argument to strengthen his or her own. In the process of developing this piece, the student will select a shorter argumentative essay to help organize his or her thoughts: a causal argument, a resemblance argument, an evaluation paper, a proposal paper, or an ethical argument paper. We will host a debate and conduct a variety of on-your-feet workshops in this class to keep it lively. Students should plan to revise work. Since this is a dual credit through a separate, accredited college, there may be additional requirements beyond this course description which could change.

Fiction & Film

Course Length:	Yearlong
Grade(s):	10 th , 11 th , 12 th
Prerequisite(s):	Students must have completed English 9, 10 or 11 with a grade of C or higher.
Description:	Students will begin the year by conducting research over the history of film and elements within a motion picture. They will present their findings to their classmates using technology and credible resources from both print and online texts. Additionally, students will read and view the adaptation of various works of literature. These works may include at the instructor's discretion <i>A Streetcar Named Desire</i> , <i>Hamlet</i> , <i>Speak</i> , <i>And Then There Were None</i> , among others. Works will not be repeated across courses. Students may write compare/contrast essays or develop creative projects, such as "how would YOU adapt this book or story?" The debate never ends: which is better - the book or the movie? The class will conclude with short stories. During this, students will create a script for the short story of their choice and create their own film adaptation using film techniques they studied at the beginning of the year.

Public Speaking (Dual Credit Course)

Course Length:	Semester
Grade(s):	11 th , 12 th
Prerequisite(s):	Students must earn a grade higher than a C (B- or above) in the previous year's (or semester's) English class in order to be eligible for dual credit enrollment. Students with a grade of C+ or below require principal's permission to enroll for dual credit.

Description: The primary objective of this course is to increase a student's confidence level and to prepare a student to present his or her ideas in a public setting, whether that is a speech to compete for a scholarship or a class project or an interview for college or a presentation for one's supervisor at work. This is a practical course that colleges require; an effective performance in Public Speaking will impact you for the rest of your life. To prepare, students will present multiple speeches, given time constraints and the number of people enrolled: introduction of self, introduction of a partner, a demonstration or "how-to" speech, an informative speech, a persuasive speech and a variety of impromptu speeches. The written scripts for the informative and persuasive will require MLA cited sources. Students will outline, write scripts, practice and deliver with limited notes these speeches following direct instruction and modeling by the teacher. Since this is a dual credit through a separate, accredited college, there may be additional requirements beyond this course description.

Science Fiction (Online Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.
Description: (LAL 251) Students explore science fiction and fantasy through study of short stories, novels, and films.

Speech

Course Length: 2 Semesters
Grade(s): 9th, 10th, 11th, 12th
Prerequisite(s): Students may not have repeated behavior offenses - ISS or OSS - or multiple principal referrals and participate in this elective course. The team and the instructor require a high level of good, indirectly supervised behavior at other schools during competitions and a high level of self-initiative during preparation of pieces during class that requires the trust built by good behavior sustained over a long period of time.

Students must earn a B or higher in Speech in order to repeat the course.

Description: The elective Speech class at Harrisburg High School is tied closely to the extracurricular Speech team. Taking the class means you participate on the team, which requires attendance and participation at speech tournaments around the state on Saturdays from October to April.

Tournaments are often an all-day commitment. While students understandably may not be able to attend *every* tournament, they should attend the *majority* of the tournaments to contribute to the team's success.

Class time is spent preparing performance pieces for tournaments: interpretation, movement, in some cases memorization, presenting to peers and teacher, and improvement based on constructive criticism.

Performance events include dramatic and humorous interpretation, prose fiction, poetry, duet acting, improvisational duet acting, storytelling, radio speaking, extemporaneous speaking and original oratory. Students will be expected to develop and hone up to 4 to 5 pieces per semester.

Although we have a lot of fun on the speech team, it is a lot of work and It takes a particular type of student to fit in well with these parameters: a self-starter, someone who can remain on task, someone who can take feedback well and incorporate it, someone who is willing to commit all Saturday day and evenings at least 6-8 times throughout the school year, and, finally, someone who is willing to put the team first.

FOREIGN LANGUAGE

Spanish I

Course Length:	2 Semesters
Grade(s):	9 th , 10 th , 11 th , 12 th
Prerequisite(s):	To enroll in this class, students must have earned a B- or higher in Communication Arts for both semesters prior to enrollment.
Description:	This is an introductory course in which students will learn to communicate at a beginner level through active speaking, listening, writing and reading practice using authentic resources and classroom materials in Spanish. Students will learn the fundamentals of the Spanish language, including accurate Spanish alphabet sounds and pronunciation, and will compare the structure of Spanish and English languages to understand how they overlap and where/how they differ. Students will be engaged in learning activities on a variety of topics to build curiosity and connection to the Spanish language and also to Hispanic peoples and cultures within and beyond U.S. borders.
Main Objectives:	1. Practice basic Spanish conversations including asking and answering

- questions.
- 2. Establish a basic working vocabulary of high frequency words.
- 3. Develop confidence with speaking in Spanish as well as working with the language in written form.
- 4. Broaden students' understanding of cultures throughout the Hispanic world.

Spanish II

- Course Length: 2 Semesters
- Grade(s): 10th, 11th, 12th
- Prerequisite(s): Students must have completed a full year of Spanish I with a C or higher OR passed the Spanish 1 final exam with a 80% or higher.
- Description: Students will continue their studies of the Spanish language and Hispanic cultures to develop improved speaking, listening comprehension, writing and reading practice with authentic resources and classroom materials in Spanish. Students will reinforce and expand the prior year's knowledge of culturally-appropriate Spanish language expressions and practices.
- Main Objectives:
- 1. Identify and use more sophisticated parts of speech
 - 2. Practice conversing in Spanish
 - 3. Enhance working vocabulary
 - 4. Further broaden students' understanding of cultures throughout the Hispanic world.

Spanish III

- Course Length: 2 Semesters
- Grade(s): 11th, 12th
- Prerequisite(s): Students must have completed a full year of Spanish II with a C or higher.
- Description: Spanish III is an advanced course that builds upon knowledge from Spanish II. Students will strengthen their overall ability to communicate in Spanish through speaking, writing, listening and reading. Focus is on use of authentic Spanish-language sources. Students will further develop their abilities to communicate in a variety of tenses. Students will also deepen their knowledge of Hispanic cultural practices and perspectives.
- Main Objectives:
- 1. Communicate in multiple tenses
 - 2. Participate and present in Spanish
 - 3. Enhance working vocabulary
 - 4. Develop a more nuanced understanding of Hispanic practices and perspectives through the study of a variety of topics and projects

Elementary Spanish (Spanish IV) (Online Dual Credit Course)

Course Length: Semester (FLN101 Fall, FLN102 Spring)
Grade(s): 11th, 12th
Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses. If taking in seat Spanish IV with Dr. Weathers, you must have taken Spanish I, II, & III.
Description: (FLN 101) This course is an introduction to the Spanish language and will include pronunciation, vocabulary, grammar, and culture. Focus will be on learning to speak, understand, read, and write in Spanish.

HEALTH

Health

Course Length: Semester
Grade(s): 9th
Prerequisite(s): None
Description: The class will cover many aspects of health, with emphasis on nutrition, exercise and how to stay healthy during your lifetime.
Main Objectives: 1. Students will be able to identify good food choices
2. Students will be able to understand how the body uses nutrients.
3. Students will learn how to keep healthy to avoid diseases.

MATHEMATICS

Algebra I

Course Length: Yearlong
Grade(s): 9th, 10th, 11th, 12th
Prerequisite(s): Students can be placed in Algebra through the placement test given at the end of 8th grade or with a B average in their previous math course.
Description: Algebra 1 is a first course in high school algebra. Algebra is a symbolic language, which mathematicians use to communicate the ideas of arithmetic. Included is the study of variables, equations, inequalities, polynomials, functions, and graphing. Students taking Algebra 1 should have mastered the basic arithmetic operations of addition, subtraction, multiplication, and division of whole numbers, fractions, and decimals

and should have a working knowledge of percents. It is highly recommended that students bring a graphing calculator to class. Algebra is designed to provide students with the knowledge and skills they will need to continue their college preparatory mathematics education. Mathematics courses also foster analytic and critical thinking skills that students need to make educated and informed decisions in life. By teaching skills and applications, students recognize that mathematics is a useful and necessary tool in their everyday lives. Students who develop these marketable critical thinking skills will be benefited after high school when they enter college or the workforce.

Main Objectives:

Algebra II

Course Length: Yearlong
Grade(s): 10th, 11th, 12th
Prerequisite(s): To enroll students must have completed Algebra I and Geometry with a B average or better, or with teacher recommendation.
Description: Building on their work with linear, quadratic, and exponential functions, students extend their knowledge to include polynomial, rational, and radical functions.
Main Objectives: Students will graph the parent functions of absolute value, quadratic, polynomial, radical, rational, and exponential functions. In addition students will transform those parent functions to make a new graph. Students continue to learn how to solve functions specifically using factoring and the quadratic formula. Students will be able to state the domain and range for each type of function, and have a general concept of the properties of each type of function by seeing a graph, or an equation.

Calculus

Course Length: Yearlong
Grade(s): 12th
Prerequisite(s): To enroll in this course students must have completed College Algebra and Trigonometry with a B average or better.
Description: A study of functions with applications, and an introduction to differential calculus. Topics include a review of algebra and functions, rates of change, inverse functions, logarithms and exponential functions, limits, continuity, trigonometric functions, techniques and applications of differentiation, indefinite and definite integrals, the fundamental theorem.
Main Objectives: Students build on their mathematical knowledge to find the limits, and derivatives of equations. Students extend their definition of slope to

include derivatives and use derivatives to solve a variety of problems. Students will understand the meaning of an integral and will find the integral of several types of functions. Students will understand the relationship between derivatives and integrals then use their knowledge of both to solve application problems

College Algebra (Dual Credit Course)

Course Length:	Semester
Grade(s):	11 th , 12 th
Prerequisite(s):	Students must earn a C or higher in Algebra II to take College Algebra.
Description:	Topics include a review of basic algebra; various functions and their graphs, including polynomial and rational functions and exponential and logarithmic functions; and an introduction to analytic geometry.
Main Objectives:	Upon successful completion of this course, students will be able to understand and solve problems involving: Linear and quadratic equations, inequalities, and absolute values Relations, functions, and graphs Polynomial and rational functions Exponential and logarithmic functions Systems of equations (as time permits)

Concepts of Algebra and Geometry I

Course Length:	Yearlong
Grade(s):	9 th
Prerequisite(s):	Passing grade in 8th grade math course.
Description:	This is a course designed to help students relate and apply algebraic concepts to geometry, statistics, data analysis, probability, discrete mathematics, and problem solving. Students will be encouraged to communicate and reason mathematically to assist students in problem solving, develop logical thinking skills and recognize geometric relationships and properties. Geometry combines plane and Euclidean Geometry. Emphasis is on understanding the deductive reasoning process and using geometric relationships to solve problems.
Main Objectives:	<ol style="list-style-type: none">1. Reasoning in Geometry2. Segment Measure and Coordinate Graphing3. Angles4. Parallels5. Triangles and Congruence6. Polygons and Area7. Solving Linear Equations8. Exponents and Polynomials

9. Factoring
10. Linear Equations and Inequalities in the Coordinate Plane
11. Data, Statistics and Probability
12. Systems of Equations

Concepts of Algebra & Geometry II

Course Length: Yearlong
 Grade(s): 10th, 11th, 12th
 Prerequisite(s): To enroll in this course, students must have either completed Concepts of Algebra and Geometry I, Algebra I or Geometry with a passing grade.
 Description: Students spend 1st semester learning algebra, then second semester is spent learning geometry concepts.
 Main Objectives: In the fall semester, students will solve and graph linear and quadratic equations. Then students will simplify radical expressions and expression with exponents. Students will find the probability of independent and dependent events, convert odds to probability and use permutation and combinations to find probability. During the Geometry Semester, Students will learn about 2-D shapes, quadrilaterals, polygons and circles, specifically finding the area and perimeter of each type of shape. Then the class moves on to Solid 3-D shapes, and students learn how to find the surface area, and volume of pyramids, spheres, and prisms. Then students graph shapes using transformations.

Elementary Statistics (Online Dual Credit Course)

Course Length: Semester
 Grade(s): 11th, 12th
 Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.
 Description: (MTH 160) Elementary Statistics includes elementary probability and statistical inference, descriptive statistics, testing hypotheses and estimation, t-distribution, chi-square distribution, correlation and significance.

Geometry

Course Length: Yearlong
 Grade(s): 9th, 10th, 11th, 12th
 Prerequisite(s): A prerequisite for this course is a grade of C or better in Algebra 1.
 Description: This course is designed to make students more aware of the geometric world by introducing the study of geometric figures, including polygons and circles. It is a course with a variety of problems that enable students

to learn to think logically and demonstrate step-by-step solutions to problems using inductive and deductive reasoning.

Main Objectives: The purpose of Geometry is to assist students in problem solving, develop logical thinking skills and recognize geometric relationships and properties. Geometry combines plane and Euclidean Geometry. Emphasis is on understanding the deductive reasoning process which involves the student in writing proofs of theorems and giving geometric relationships by reasoning from accepted facts to a conclusion.

Quantitative Reasoning (Online Dual Credit Course)

Course Length: Semester

Grade(s): 11th, 12th

Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.

Description: (MTH 142) This course is designed to fulfill general education requirements for students pursuing non-STEM (Science, Technology, Engineering, and Mathematics) degrees and career paths. Topics include: problem solving, units of measure, probability and statistics, linear and exponential models, logic and sets. Emphasis is placed on critical thinking and improving students' ability to apply mathematics.

Trigonometry (Dual Credit Course)

Course Length: Semester

Grade(s): 11th, 12th

Prerequisite(s): Students must earn a C or higher in Algebra II to take Trigonometry. Students must complete College Algebra in order to take Trigonometry.

Description: This course includes angle-based trigonometric functions and their inverses, multiple angle formulas, identities, trigonometric equations, radian measure, arc length, angular velocity, graphs of trigonometric functions, and solution of right triangles.

Main Objectives: Upon successful completion of this course, students will be able to:

1. Identify the basic facts about angles and triangles.
2. Define the six trigonometric functions in the rectangular coordinates, in the unit circle, and in a right triangle.
3. Find the trigonometric values of the trigonometric functions.
4. Find the missing values in a right triangle with the given conditions.
5. Convert from degrees to radians and from radians to degrees.
6. Find the arc length and the area of a sector of a circle.
7. Draw the graphs of the trigonometric functions.
8. Find the linear and angular velocity of an object traveling in circular motion.

9. Establish trigonometric identities.
10. Find the values of the six trigonometric functions using the trigonometric formulas.
11. Define the inverse trigonometric functions.
12. Find the values of the inverse trigonometric functions.

MUSIC

Marching Band

Course Length:	Semester (Fall)
Grade(s):	9-12
Prerequisite(s):	If not previously enrolled in band for the spring, you must meet with Mr. Fearn to discuss options and set up an audition.
Description:	The marching band is a musical marching unit that meets during the first semester. The ensemble consists of woodwinds, brass, percussion and color guard. Membership requires total dedication and maximum effort in all aspects of marching, playing, rehearsal and performance. Failure to meet these requirements can result in dismissal from the ensemble.
Main Objectives:	The marching band provides entertainment at home football games, local parades and events. The color guard and percussion sections may be required to hold additional rehearsals outside of the regular practices after school. Obligations to this class include some performances and rehearsals in the evenings and weekends. This includes local parades, home football games and pre-festival invitationals. Students are also obligated to attend summer marching camp. A calendar with all obligations are provided in the preceding spring.

Concert Band

Course Length:	Semester (Spring)
Grade(s):	9-12
Prerequisite(s):	Middle School or High School band experience with a successful audition or recommendation.
Description:	The concert band is a performance ensemble, and a full year course. This band is comprised of woodwinds, brass and percussion. The band will perform a wide variety of music and styles. Obligations to this class include after school performances, winter and spring concerts, pre-festival concerts, graduation and participation at the CMU Music Festival.

Main Objectives: Perform at winter and spring concerts, pre-festival concerts, graduation and participation at the CMU Music Festival.

Choir

Course Length: Yearlong

Grades(s): 9-12

Prerequisite(s): Students must pass a Music Theory test. Mr. Fearn will provide the study guide.

Description: This is a year-long, upper-level performance opportunity offered to students who are interested in vocal performance.

Main Objectives: Students will continue to develop vocal technique and musicianship, as well as, develop critical thinking skills through the analysis of musical elements including form and text. Students are expected to participate in every concert each semester as a major part of their grade, as well as a few other performance opportunities that arise throughout the year.

Music Appreciation (Online Dual Credit Course)

Course Length: Semester

Grade(s): 11th, 12th

Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.

Main Objectives: (MUS 102) This course is an introduction to music, emphasizing the various phases of musical beauty, designed to furnish a rational basis for intelligent listening to music. Focus is on basic elements of music and listening techniques; representational Renaissance, Classicism, Romanticist, and Post-Romanticist composers and their music; and discussion of extra-musical factors that bear upon lives and works.

PHYSICAL EDUCATION

Aerobic Fitness (alternates with Walking)

Course Length: Semester

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

Prerequisite(s): No prerequisites for initial physical education credit. Students must earn a B or higher in order to take more than one year of physical education. Seniors may only take aerobic fitness or team sports during the spring semester with instructor approval.

Description: This class consists of aerobic, flexibility and strength workouts from all or some of the following programs: yoga, Pilates, aerobics, kickboxing and walking/jogging.

Main Objectives: Students will learn exercise programs they can use the rest of their life. Students will be able to monitor their cardio, flexibility and strength.

Team Sports

Course Length: Semester (Fall)

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

Prerequisite(s): No prerequisites for initial physical education credit. Students must earn a B or higher in order to take more than one year of physical education. Seniors may only take aerobic fitness or team sports during the spring semester with instructor approval.

Description: This class will consist of activities that students can participate in lifelong. There is an emphasis on the team aspect of sports as well as the fundamentals of weight training.

Main Objectives: Students will be able to participate in activities with knowledge of the rules, etiquette and strategies of each sport. Students will also be able to put together a resistance training program that can keep them physically fit throughout life.

Lifetime Sports

Course Length: Semester (Spring)

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

Prerequisite(s): No prerequisites for initial physical education credit. Students must earn a B or higher in order to take more than one year of physical education.

Description: This class consists of individual, team and lifetime activities. Team concept and lifelong activities will be emphasized.

Main Objectives: Students will be able to participate in activities with knowledge of the rules, etiquette and strategies of each sport. Students will also be able to participate in physical activities throughout their lives.

Strength Training

Course Length: Semester

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

Prerequisite(s): No prerequisites for initial physical education credit. Students must earn a B or higher in order to take more than one year of physical education. However, Student-Athletes will have precedence over those who do not participate in Harrisburg Athletics. 2+ sport student-athletes will have precedence over 1 sport student-athletes.

Description: Strength & Conditioning is a rigorous course designed for the student who wishes to achieve an optimum level of physical fitness through weight lifting and other cardiovascular exercises.

Main Objectives:

1. Learn & master weight room safety and technique.
2. Improve confidence through progress.
3. Improve, strength, power, speed and body composition

Walking Fitness (alternates with Aerobic Fitness)

Course Length: Semester
Grade(s): 9th, 10th, 11th, 12th
Prerequisite(s): No prerequisites for initial physical education credit. Students must earn a B or higher in order to take more than one year of physical education.
Description: Students will walk a minimum amount daily.
Main Objectives:

SCIENCE

Anatomy (Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): To enroll in Anatomy students must have completed Biology with a B or better.
Main Objectives: (BIO 205) Human Anatomy is a general study of the structure of the human body and considers all major organ systems. Significant laboratory work is required to identify various systems of the human body by flag-spotting.

Atmospheric Science (Online Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): To enroll in Anatomy students must have completed Biology with a B or better.
Main Objectives: (PHY 164) This is an introductory course covering the fundamental principles of meteorology and provides insight into atmospheric phenomena including weather, optical effects, and physical forces influencing air circulation in the earth's atmosphere. This course does not include a laboratory component.

Biology

Course Length: Yearlong
Grade(s): 10th
Prerequisite(s): To enroll in this course students must have completed Physical Science with a passing grade.

Description: Biology is an introductory high school science course that covers the principles governing all life. This course includes topics such as cell function and reproduction, genetics, natural selection, ecology, and environmental issues.

Main Objectives:

1. Students will demonstrate basic knowledge of the unifying biological principles
2. Analyze the impact of these principles on issues of current concern
3. Describe a diversity of organisms and ecosystems with their characteristics and interactions using appropriate vocabulary
4. Demonstrate basic skills in critical thinking, reading, and writing.

Biology (Dual Credit Course)

Course Length: Yearlong
Grade(s): 10th, 11th, 12th
Prerequisite(s): To enroll in this course students must have completed Sophomore Biology with a passing grade, OR sophomores with a 3.5 or higher cumulative GPA can take Dual Credit Biology in place of Biology. 11th and 12th grade students must also meet eligibility requirements for dual credit enrollment.

Description: This course is designed to provide each student with an understanding and appreciation of the diversity of living things and their cell structure, chemistry, genetics, evolution, and ecological relationships.

Main Objectives: Upon successful completion of this course, students will be able to

- 1) demonstrate basic knowledge of the unifying biological principles,
- 2) analyze the impact of these principles on issues of current concern,
- 3) describe a diversity of organisms and ecosystems with their characteristics and interactions using appropriate vocabulary, and
- 4) demonstrate basic skills in critical thinking, reading, and writing.

Chemistry

Course Length: Yearlong

Grade(s): 11th, 12th
Prerequisites: To enroll in Chemistry students must have completed Biology with a C or better.
Description: Chemistry is an entry level course for understanding chemicals and their interactions. Through the use of formulas, equations, and mathematical analysis, it seeks to explain how substances react and why materials have certain properties. Students will learn to utilize laboratory materials appropriately and explain how mathematical concepts can be related to laboratory exercises. Topics covered include scientific measurement, atomic and molecular structure, chemical nomenclature, stoichiometry, solutions and gases.

Main Objectives:

1. Students will understand mathematical conversions and their relation to applied science.
2. Students will learn to apply their mathematical computations to real-life lab applications and relate this information to relatable situations.
3. Students will understand the basic components of atoms and how they interact to create molecules and compounds.
4. Students will learn how a change in chemical composition can result in a change in chemical properties
5. Students will identify and understand the different chemical reactions.

Field Studies in Science

Course Length: Yearlong
Grade(s): 10th, 11th, 12th
Description: Field studies in science is an elective course designed to introduce students to basic principles of ecology and the environment. Topics of study for this course include: soils, plant and tree structure, aquatic ecology, and water conservation.
Objectives: Students will learn how to identify and analyze both natural and human-made environmental problems. Students will also learn how to identify common, local plants and animals and understand the basic ecology of Missouri Ecosystems.

Forensics

Course Length: Yearlong
Grade(s): 10th, 11th, 12th
Prerequisite(s): To enroll in this course students must have completed Sophomore Biology with a passing grade.
Description: Forensics is an upper level science course where students use knowledge and skills from biology, chemistry and physics to study and apply science

to matters of the law through examination of physical evidence. Students will have the opportunity to explore how scientific principles are used in analyzing physical evidence found in crime scenes and to be introduced to the wide array of career choices in forensics.

Foundations of Chemistry (Online Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.
Main Objectives: (PHY 120) Foundations of Chemistry introduces students to the basic principles of chemistry. Topics covered include scientific measurement, atomic and molecular structure, chemical nomenclature, stoichiometry, solutions and gases. This course is intended for non-science majors and includes a laboratory component.

General Astronomy (Online Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.
Main Objectives: (PHY 162) This is an introductory astronomy course with no laboratory component. It surveys solar system bodies, stellar evolution, galaxies, the universe, and the history of human discovery.

Physical Science

Course Length: Yearlong
Grade(s): 9th
Prerequisites: None
Description: Physical Science seeks to explain the main physics and chemistry concepts of the material world. Basic theories and conventions will be introduced. Hence, this course seeks to help students understand the fundamental workings of science, so students can be successful in higher level courses.
Main Objectives:

1. Students will review the principles of the scientific method.
2. Students will understand how math is used in science.
3. Students will learn about the basic concepts of physics and chemistry.

Physics

Course Length: Yearlong
Grade(s): 11th, 12th
Prerequisites: To enroll in Chemistry students must have completed Biology with a C or better.

Description: Physics is an introductory level class covering main concepts through mathematical analysis. The concepts covered include motion, force, work, energy, electricity, magnetism, and atoms. Throughout the course, students will have the opportunity to improve their skills in doing math problems and labs.

Main Objectives:

1. Students will understand how math is used in physical principles.
2. Students will understand how data is collected and analyzed in labs.
3. Students will learn how physical principles build up from basic definitions.

Physiology (Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): To enroll in Physiology, students must have completed Anatomy.
Main Objectives: (BIO 209) This course studies metabolic function of the cell; diffusion physiology; and the nervous, muscular, respiratory, digestive, excretory, reproductive, and endocrine systems.

Zoology (Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): To enroll in this course students must have completed Sophomore Biology with a passing grade. Students must also meet eligibility requirements for dual credit enrollment.
Description: This course involves a comparative study of animal life and the anatomical adaptations that enable animals to inhabit nearly all ecological niches. Extensive lab work in the form of dissections is required. This course will discuss the diversity of both invertebrate and vertebrate animal life and the fascinating adaptations that enable animals to inhabit nearly all conceivable ecological niches.
Main Objectives: Upon successful completion of this course, students will 1) become familiar with fundamental properties of life, theories of evolution and heredity, 2) learn that the cells are the basic units of life, which contribute to form tissue, organs, and organ systems, 3) recognize taxonomic characters, theories of taxonomy and major divisions of life, 4) identify the various animal groups, position relative to the animal kingdom and their biological contribution, and 5) learn morphology and

anatomy of some invertebrates and vertebrates by using microscopic and dissection techniques.

Introductory Conservation Biology (Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): To enroll in this course students must have completed Sophomore Biology with a passing grade. Students must also meet eligibility requirements for dual credit enrollment.
Description: This course involves a study of the earth's ecosystems and biodiversity as well as historical and current human impacts on these systems. The importance of conserving the earth's biodiversity is also discussed.
Main Objectives: Upon successful completion of this course, students will 1) define and give examples of the world's biodiversity, 2) identify and describe interactions between organisms and the environment, 3) Identify the role of soil in ecosystems, 4) Identify and describe the global effects of 5 major environmental threats, and 5) Identify and discuss components and contribution to the to the world's biodiversity of the world's major terrestrial and aquatic biomes.

SOCIAL STUDIES

American History to 1865 (Online Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.
Main Objectives: (HST 105) This course is a survey of the economic, social and diplomatic aspects of the historical development of the United States from 1492 to the Civil War. A study of the federal and Missouri constitutions is included.

American History from 1865 (Online Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.
Main Objectives: (HST 106) This course is a survey of the economic, social, and diplomatic aspects of the United States from 1865 to the present. Special attention is given to the period after 1945.

American History

Course Length: Yearlong
Grade(s): 10th
Prerequisite(s): Students must have completed World Geography with a passing grade.
Description: American History is a required class for sophomores. American History is a survey of history from 1861 to present. The class will explore the impact of key people and events that have shaped American History. The class will go in-depth with events such as the Civil War, the Great War, World War II, and the Cold War. We will analyze the decisions made by presidents in domestic and foreign policies.

Main Objectives:

Unit 1: The Union in Crisis
Unit 2: An Industrial Nation
Unit 3: Becoming a World Power
Unit 4: A Modern Nation
Unit 5: A Champion of Democracy
Unit 6: A Nation Facing Challenges
Unit 7: Looking Toward the Future

Civil War

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s):
Description: This semester course covers history surrounding the Civil War and Reconstruction from 1820-1877. Students will focus on issues and events that faced the nation and led to the conflict. Students will also conduct an in-depth study of the war including military strategies, battles, and leaders. The course will also address the consequences of the war, the conditions that arose during Reconstruction, and the effects upon the people of the nation.

Main Objectives:

Unit 1: The Road to War
Unit 2: The War Begins
Unit 3: The Year of Battles
Unit 4: The Turning Point
Unit 5: The Year of Bloodletting
Unit 6: The Downfall of the Confederacy

Function & Policy of American Government (Online Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.

Main Objectives: (PSC 105) This course covers the study of national government, including its organization, functions, and policies. Detailed attention is given to the

policy-making process and to the roles of various government functions. Attempts are made to relate government to everyday life. The course identifies major problems of American society affecting the policy-making process. A study of the federal and Missouri constitutions is included in this course.

U.S. Government

Course Length: Yearlong

Grade(s): 11th

Prerequisite(s): None

Description: This year-long course covers the Missouri government and the U.S. government. This course fulfills the state requirement for graduation. Students will learn about the foundations of our nation and state. The focus of this course is to instill a knowledge and understanding of how government works so students become productive citizens and know how to participate in the government. Both the U.S. and Missouri Constitution will be tested in accord with the state graduation requirements.

Main Objectives: Unit 1: Essentials of U.S. Government
Unit 2: Interactive U.S. Government

U.S. Presidents

Course Length: Semester

Grade(s): 11th, 12th

Prerequisite(s): None

Description: U.S. Presidents is an elective course that is a semester long. Students will explore the background of our presidents. They will analyze their administrations and the decisions that were made that have shaped the United States today.

World Geography

Course Length: Yearlong

Grade(s): 9th

Prerequisite(s): None

Description: Geography is a freshman level social studies credit. Students will explore the study of geography, the regions of the world, cultures of the world, and current events around the world in this year long course. Each unit will focus on the physical and human geography of a different region of the world.

Main Objectives: 1. Students will identify physical and political locations of the world on a map.
2. Students will understand the history, politics, and culture of the covered regions of the world.
3. Students will analyze current events and contemporary issues of each of the covered regions of the world.

World Geography (Online Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.
Description: (GEO 101) A survey of conditions in Europe, Russia and the Near Abroad, the Middle East, South Asia, and Japan, emphasizing each region's importance to the world as a whole. The physical, cultural and economic characteristics of each region are included in each regional survey.

World War I

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s):
Description: Students taking the elective, "World War I" will study the causes, major battles, & consequences of the Great War. Students will analyze different styles of government during the conflict. Students will examine the role of the U.S. during World War I.

World War II

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s):
Description: This course covers the major historical problems of the Second World War in Asia, Europe, Africa, and North America. These include the events that led to the origin of the conflict, the rise of dictators, the strategies of the belligerents, the principal military operations, the mobilization of nations and societies for total war, the successes and failures of both the Axis and Allied powers, the Holocaust, the development and use of atomic weapons, and the origins of the Cold War. The student should be able identify the major events that occurred before, during, and after the conflict, appraise the strengths and weaknesses of both sides, and assess the significance and consequences of the confrontation on the postwar world.

ELECTIVES

****Any credit earning course can serve as an elective credit****

Yearbook

Course Length: Yearlong
Grade(s): 11th, 12th
Prerequisite(s): None

Description: In this class the yearbook for Harrisburg School District is produced. Students will learn design elements and apply the principles of design to create the yearbook pages. Photography skills will be taught and applied on the pages. Class members will be assigned various Harrisburg events to attend outside of class to photograph.

Main Objectives: Gather advertising for the yearbook.
Take pictures of events in Harrisburg.
Edit pictures.
Apply design principles and create yearbook pages.
Learn to work on a team.

Computer Essentials (Online Dual Credit Course)

Course Length: Semester

Grade(s): 11th, 12th

Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.

Description: (CIT 101) This computer literacy course, intended for non CIT majors, is designed as a computer user's guide that will familiarize students with fundamental computer concepts including computer terminology, hardware, and software. Internet usage for research and online education will be explored as well as the ethical use of computers and the impact computers and associated technologies have on individuals and society. Hands-on experience with word processing, spreadsheet, presentation and operating system software provide the student with a practical exposure to computer usage in an educational context.

General Psychology (Online Dual Credit Course)

Course Length: Semester

Grade(s): 11th, 12th

Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.

Description: (PSY 101) This course is an introduction to the nature and scope of the field of psychology as a scientific and human endeavor. Focus is on the historic development of the field; biological and developmental processes; consciousness and perceptions; learning, remembering, and thinking; motivation and emotion; personality and individuality; social behavior; stress and coping; and psychopathology and psychotherapy.

Human Lifespan Development (Online Dual Credit Course)

Course Length: Semester

Grade(s): 11th, 12th

Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.

Main Objectives: (PSY 205) This course is designed to present the study of human development throughout the lifespan. Study includes the four domains of development: physical, cognitive, and psychosocial. Major theories, the influence of genetics, and prenatal development will be examined. The framework of the course is chronological, dividing the lifespan into seven parts: infancy, early childhood, middle childhood, adolescence, young adulthood, middle adulthood, late adulthood and the end of life.

Human Relations in Management (Online Dual Credit Course)

Course Length: Semester

Grade(s): 11th, 12th

Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.

Description: (BUS 113) The course includes supervisory applications and text study of relationships and communications between employees and first-line supervisors, employees and top management, middle management and subordinates, and middle management and top management.

Intro to Ethics (Online Dual Credit Course)

Course Length: Semester

Grade(s): 11th, 12th

Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.

Description: (PHI 152) Students will examine various moral philosophers' attempts to prescribe ethical norms applicable to humanity. This course also focuses on the fundamental principles of moral right and wrong and their applications.

Intro to Philosophy (Online Dual Credit Course)

Course Length: Semester

Grade(s): 11th, 12th

Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.

Description: (PHI 150) This course will familiarize the student with the major categories of classic, Western philosophical tradition, ranging from antiquity to the modern era. Students will explore the positions of major philosophical thinkers as they comment on the categories under discussion. Interpretation and communication of the philosophical works of each writer are analyzed.

Macroeconomics (Online Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.
Description: (ECN 101) This course includes a study of basic concepts relating to supply, demand, business organization, income, taxation, money and banking, consumption, and savings and investment. This course applies these concepts and their interrelationships to such problems as the general level of economic activity, employment and unemployment, inflation and monetary and fiscal policies, and economic growth and development.

Microeconomics (Online Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.
Description: (ECN 102) A description and analysis of the behavior of households and business firms in the economy. The course includes the analysis of supply and demand, price and output determination in competitive and noncompetitive markets, the cost of production of goods and services, resource markets, economic institutions and international trade.

Medical Terminology (Online Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.
Description: (HSC 171) This course provides vocabulary necessary for employment in Allied Health careers such as medical records technician and medical office assistant through the study of body systems and anatomical terms, diseases, tumors, and surgical procedures. Basic computer skills recommended prior to enrolling in this course.

Sociology (Online Dual Credit Course)

Course Length: Semester
Grade(s): 11th, 12th
Prerequisite(s): Students must meet MACC eligibility requirements for taking online dual credit courses.

Description: (SOC 101) Sociology is a scientific study of society and the interaction between society and its human environment. Emphasis is on an explanation of the importance of values and norms and their significance in the development of attitudes and resulting social behavior. Course includes such concepts as social organization and culture, socialization, institutions, and collective behavior.

MISCELLANEOUS

A+ Tutoring

Course Length: Semester
Grade(s): 12th
Prerequisite(s): Students must be A+ tutors with all A+ paperwork on file. Students must be meeting all graduation requirements to have an A+ tutor hour.
Description: Senior A+ tutors have the opportunity to use a class hour for tutoring. Students may be assigned to tutor at the elementary, middle or high school.
Main Objectives: The purpose of the A+ tutoring hour is to give students an opportunity to earn the tutoring/mentoring hours needed for the A+ Schools Program.

Classroom/Office Aide

Course Length: Semester
Grade(s): 12th
Prerequisite(s): Students must be meeting all graduation requirements to be a Classroom or Office Aide.
Description: Seniors may have the opportunity to assist in a classroom, the library or office and complete tasks as assigned by the classroom teacher, principal/secretary or librarian. Responsibilities may include, but are not limited to the following: making copies, sorting mail, updating bulletin boards, shelving books and filing.
Main Objectives: Students will learn to follow instructions and complete assigned tasks effectively and in a timely manner.

MOBERLY AREA TECHNICAL CENTER

Students may choose to enroll in courses at Moberly Area Technical Center during their junior and senior year of high school. Students will earn three practical art and/or elective credits per year and have the opportunity to earn an additional language arts credit and/or mathematical credit.

Programs are designed to provide the student entry-level job skills and give the students a head start at the postsecondary level in a particular program of study. Most of the programs are two years in length and meet three periods a day. Some programs do allow students to combine courses from different program areas. Visit MATC's website to find detailed course descriptions at <http://moberly.k12.mo.us>.

Programs include:

Architecture, Engineering, & Design
Automotive Technology
Building Technology
Business and Technology
Collision Repair Technology
Computer Information Technology

Electronics & Robotics Technology
Machine Tool Technology
Marketing
Medical Technology
Welding Technology

MATC also provides the opportunity for students to get additional Math and CA credits that are earned through embedded credit for .25 of a credit each semester. So, over the course of two years in an MATC program, students can earn a full credit of Math and CA, but it is only a quarter credit of each per semester rather than the traditional .50 of a credit in regular Math and CA classes.