

2022-2023

St. James High School Course Description Catalog



HOME OF THE TIGERS

Revised 2/2022

Table of Contents

Rules & Procedures for Graduation

ASVAB, ACT, and PSAT

Alternative School

Home-Schooled Students

Dual Enrollment

Graduation Requirements

Career Cluster

LANGUAGE ARTS

Advanced English I

English I

Advanced English II

English II

English III

Composition & Rhetoric I

Composition & Rhetoric II

English IV

British Literature

World Literature

Great Books I & II

Mythology I & II

Mass Media

FOREIGN LANGUAGE

Spanish 1

Spanish 2

Spanish 3

Spanish 4

SOCIAL STUDIES

World History

American History

US Government

Civil War 1

Military Technology

Psychology

History 205/US History 1

History 206/US History 2

Current Events

MATHEMATICS

Algebra I
Algebra I Lab
Geometry
Intermediate Algebra
Honors Algebra II
Algebra II
Advanced Math
Trigonometry/College Algebra
Calculus
AP Statistics

SCIENCE

Physical Science
Biology
Chemistry
Earth Science
Anatomy & Physiology
Applied Science
Biology 2
Physics

FINE ARTS

2D Foundations
3D Foundations I
3D Foundations II
Digital Art
Advanced Drawing/Painting
Photography
Stagecraft - Tech
Stagecraft - Talent

FINE ARTS: MUSIC

Marching Band
High School Band
Jazz Studies
Jazz Band
Ukulele
Reel Music
AP Foundations of Music Theory
Chamber Choir
Concert Choir

PRACTICAL ARTS: BUSINESS

**Computer Applications
Intro to Marketing
Accounting
Sports & Entertainment Management
Personal Finance
Introduction to Business
Entrepreneurship
Business Technology
Career Exploration Program (CEP)**

PRACTICAL ARTS: FACS

**Intro to FACS
Nutrition & Wellness
Child Development & Parenting
Fashion & Interior Design**

PRACTICAL ARTS: TECHNOLOGY APPRENTICESHIP

**Computer Installation & Repair 1
Computer Installation & Repair 2
Computer Installation & Repair 3
Tech Externship
Tiger TV 1
Tiger TV 2
Tiger TV 3**

PRACTICAL ARTS: INDUSTRIAL ARTS

**Woods
Carpentry 1
Carpentry 2
Carpentry 3**

PRACTICAL ARTS: AGRICULTURE

**Agricultural Science 1
Agricultural Science 2
Agribusiness
Agribusiness Sales
Greenhouse
Floriculture
Veterinary Science
Conservation of Natural Resources
Forest Management
Advanced Animal Science
Advanced Livestock
Agricultural Mechanics
Agricultural Structures
Agricultural Construction
Agricultural Occupational Experience (AOE)**

PHYSICAL EDUCATION**Co-Ed Physical Education****Co-Ed Advanced Physical Education****Family Health****CAREER EDUCATION****A+ Program****Library Tech****Cadet Teaching****Honors Mentoring****Internship****MS&T EDU****RTI/RTC Courses**

St. James R-1 School District

1. RULES & PROCEDURES FOR GRADUATION

A great amount of time and effort is devoted to the process of scheduling students and developing a master schedule. Beginning with freshman year, students should be planning towards graduation four years down the road. While crossover is possible, students entering freshman year will normally follow one of two general tracks - that of preparing for post-graduate schooling at a four year college, or that of pursuing a vocational path through technical, trade or vocational schooling leading to entrance into the workforce. All education opportunities are offered without regard to race, color, national origin, sex, or handicap.

Development of the ICAP for high school will enhance the student's chance of meeting his/her educational goals. Courses should be carefully selected after conferring with parents, counselors and teachers. All efforts to meet a student's course needs will be made, however, students should reasonably expect to make some adjustments to either the next semester or year. **STUDENTS SHOULD REALIZE THAT AFTER THEY HAVE CHOSEN THEIR COURSES, THEY ARE NOT EXPECTED TO DROP THEM.** (Schedule changes will be in accordance with procedures outlined in the student handbook.)

Students planning on continuing their educations and careers at institutes requiring standardized test results are recommended to, as a minimum, take the following courses:

English	4 credits
Social Studies	3 credits
Math	3 credits
Science	3 credits

In the math and science areas, it is **strongly recommended** that the student have the following: Algebra I & II, Geometry, Physical Science, Biology I, and Chemistry I.

All of the courses listed in this handbook will be offered, except in the case of low enrollment or lack of certified personnel to teach. If a class has reached its maximum assigned level, the student will select another course, but be given priority the next semester or year, for the course.

2. ASVAB, ACT, AND PSAT PREPARATION

The ASVAB is administered yearly in the fall of your junior year. Currently the PSAT is administered on a select basis at the beginning of your sophomore year. Students can register for the ACT online at www.ACT.org. St. James High School is a testing location for each testing date.

3. ALTERNATIVE SCHOOL

In order to receive an Alternative School Diploma and participate in the graduation ceremony, the student must complete and fulfill an Alternative School Application and Contract.

4. ENROLLMENT OF HOME-SCHOOLED STUDENTS WITH AN UNOFFICIAL OR NO TRANSCRIPT

Home-schooled students and their parents will meet with Principal to evaluate log book, grades, and portfolio. Each student will take a Placement exam. This includes; writing, reading and math assessments and where appropriate, end of course exams.

Students must take an end of course exam in each area that they received credit from home school and must pass the test with a D or higher. If the student passes this test, he/she will receive a P for that course. If they do not pass this exam, they will not receive credit and must retake this course.

There will be a meeting with the parent to go over details of credits.

Home-schooled students must maintain the following records: (As stated in Missouri Statutes)

1. Plan book, diary, daily log to provide a record of the 1000 hours of instruction. 600 of the hours must be spent in core subjects, such as reading, language arts, mathematics, social studies, and science. At least 400 of the 600 must be taught in the home location.
2. A portfolio containing samples of the student's academic work.
3. A record evaluation of the student's academic progress.

5. DUAL ENROLLMENT

Dual Enrollment courses are taken at a college campus either during the day or in the evening and may be taken during the fall, spring or summer semesters. Students must pay tuition fees to attend. Credit is automatically awarded through the university and may be transferred to the high school by sending an official transcript to the high school.

Proof of enrollment must be shown to the Counseling Department during the semester **prior** to the beginning of the course to be considered for high school credit. Dual Enrollment is available to Juniors and Seniors. To keep Dual Enrollment on a schedule, the student must provide the Counseling Department with a course schedule that details college course enrollment for that term. Failure to turn in enrollment documents will result in removal of Dual Enrollment from the high school schedule. Failure to turn in grades from the university at the end of term will result in no high school credit for that semester.

- A two hour college course = $\frac{1}{4}$ unit of high school credit.
- A three hour college course = $\frac{1}{2}$ unit of high school credit.
- A four or five hour college course = 1 unit of high school credit.

GRADUATION REQUIREMENTS

Language Arts	4
Social Studies	3
Science	3
Math	3
Fine Art	1
Practical Arts	1
Physical Ed.	1
Family Health	$\frac{1}{2}$
Electives	9 $\frac{1}{2}$
TOTAL:	26

FIND YOUR FUTURE IN Career Paths & Career Clusters

WWW.MISSOURICONNECTIONS.ORG

Science, Technology, Engineering and Mathematics

Engineering and Technology
Science and Math

Architecture and Construction

Design and Pre-Construction
Construction
Maintenance and Operations

Manufacturing

Production
Manufacturing Production Process Development
Maintenance, Installation and Repair
Quality Assurance
Logistics and Inventory Control
Health, Safety and Environmental Assurance

Transportation, Distribution and Logistics

Transportation Operations
Logistics, Planning and Management Services
Warehousing and Distribution Center Operations
Facility and Mobile Equipment Maintenance
Transportation Systems and Infrastructure
Planning, Management and Regulation
Health, Safety and Environmental
Management
Sales and Services

Human Services

Early Childhood Development and Services
Counseling and Mental Health Services
Family and Community Services
Personal Care Services
Consumer Services

Hospitality and Tourism

Restaurants and Food and
Beverage Services
Recreation, Amusement and Attractions
Travel and Tourism
Lodging

Government and Public Administration

Public Management and Administration
Governance
National Security
Foreign Service
Planning
Revenue and Taxation
Regulation

Law, Public Safety, Corrections and Security

Correction Services
Emergency and Fire Management Services
Security and Protective Services
Law Enforcement Services
Legal Services

Education and Training

Administration and
Administrative Support
Professional Support Services
Teaching and Training

Health Science

Biotechnology Research
and Development
Therapeutic Services
Diagnostics Services
Health Informatics
Support Services

Industrial & Engineering Technology

Building &
Fixing Path

Human Services

Helping Path

Foundation Knowledge & Skills

Academic & Technical Skills
Teamwork Career Development
Information Technology Application
Problem Solving Critical Thinking
Employability Ethics Systems
Safety, Health & Environment
Legal Responsibilities
Communication

Health Services

Health Path

Arts & Communication

Creative Path

Natural Resources Agriculture

Nature Path

Business, Management & Technology

Business Path

Agriculture, Food and Natural Resources

Food Products and
Processing Systems
Plant Systems
Animal Systems
Power, Structural and
Technical Systems
Natural Resources and
Environmental Systems
Agribusiness Systems

Arts, A/V Technology and Communications

Audio and Video Technology and Film
Printing Technology
Visual Arts
Performing Arts
Journalism and Broadcasting
Telecommunications

Information Technology

Network Systems
Information Support and Services
Interactive Media
Programming and Software Development

Marketing, Sales and Service

Management and Entrepreneurship
Professional Sales and Marketing
Buying and Merchandising
Marketing Communications
and Promotion
Marketing Information Management
and Research
Distribution and Logistics
E-Marketing

Finance

Financial and
Investment Planning
Business Financial
Management
Banking and Related Services
Insurance Services

Business, Management and Administration

Management
Business Financial Management
and Accounting
Human Resources
Business Analysis
Marketing and Communications
Administrative and Information
Support

Missouri
Career Education

ESSENTIAL SKILLS FOR ALL STUDENTS

Department of Elementary and Secondary Education
Division of Career Education
P.O. Box 480
Jefferson City, MO 65102-0480
(673)751-2660



DESE 3380-3 4/07

LANGUAGE ARTS

ELA graduation requirements: 3 core classes--core classes are noted as English I/Advanced English I, English II/Advanced English II, English III/Composition I&II

Department: English Language Arts

* Indicates Dual Credit

Career Path	9th Grade	10th Grade	11th Grade	12th Grade
	English I	English II Great Books I & II Mass Media Mythology I & II	English III Great Books I & II Mass Media Mythology I & II	English IV Great Books I & II Mass Media Mythology I & II

College Path	9th Grade	10th Grade	11th Grade	12th Grade
	English I Advanced English I	English II Advanced English II Great Books I & II Mass Media Mythology I & II	*Composition and Rhetoric I & II Great Books I & II Mass Media Mythology I & II	World Literature*/ British Literature Great Books I & II Mass Media Mythology I & II

ADVANCED ENGLISH I

Grade Level: 9

Credit: 1

Pathway: College

Prerequisite: Middle School Advanced Language Arts or recommendation of teacher

The ninth-grade course is an overview of literature across the major forms and genres (short story, novel, poetry, drama, and nonfiction). Each unit focuses on a novel or series of short stories accompanied with informational excerpts. They begin to read and respond to literary criticism and analysis of their own ideas regarding the author's choice of words and the development of the plot. Students will be expected to back up their own ideas with explicit examples from the text. In addition to discussing and writing about works, students will analyze poems and excerpts of speeches to connect with curricular texts. This class will also be required to write at least three major papers complete with appropriate grammatical structure and mechanics. By the end of the ninth grade, students are prepared for focused literary study in appropriate MLA Formatting.

ENGLISH I

Grade Level: 9

Credit: 1

Pathway: College/Career

The ninth-grade course is an overview of literature across the major forms and genres (short story, novel, poetry, drama, and nonfiction). Each unit focuses on a novel or series of short stories accompanied with informational excerpts. Students will begin to read and respond to literary criticism. In addition to discussing and writing about works, students will analyze poems and excerpts of speeches to connect with curricular texts. Students will also be required to write a variety of different pieces including a personal narrative and argument essay complete with appropriate grammatical structure and mechanics. By the end of the ninth grade, students are prepared for focused literary study.

ADVANCED ENGLISH II

Grade Level: 10

Credit: 1

Pathway: College

Prerequisite: Advanced English I or teacher recommendation

This year-long course is provided for the student who has demonstrated a high ability in critical and analytical thinking and writing. Students are expected to comprehend texts at an 11.5+ reading level, to discuss literary topics analytically, and to compose a basic MLA-formatted essay with ease. Students study diverse literature. Both reading and writing will be frequent and demanding. The course emphasizes the application of problem-solving strategies in real-world contexts. There will be up to 6 units of study covering elements of hero literature. The units will allow students to make historical, cultural, and geographical connections. These units focus on themes and literary forms to teach relationships between local concerns and universal questions. In each unit, students will become aware of the authors' views of literature itself – its forms, peculiarities, language, and relationship to reality. Throughout the year, students take part in seminars, write essays, and deliver multiple presentations.

ENGLISH II

Grade Level: 10

Credit: 1

Pathway: College/Career

Prerequisite: English I

In this year-long course, students will study literature from around the world and about other cultures through units covering Indian and Middle Eastern literature. Both reading and writing will be frequent and demanding. There is an emphasis on descriptive writing, research-based writing, and literary analysis while covering the basics of MLA format. Students will learn to effectively annotate articles of the week, analyze different cultural stories, and be able to revise and edit longer written assignments. The units will allow students to make historical, cultural, and geographical connections while focusing on themes and literary forms to teach relationships between local concerns and universal questions. In each unit, students will become aware of the authors' views of literature itself – its forms, peculiarities, language, and relationship to reality.

COMPOSITION & RHETORIC I

DUAL CREDIT: MBU ENGL 113

Grade Level: 11

Credit: ½

Pathway: College

Prerequisite: Advanced English I, II, British/World Lit(highly advocated)

To receive college credit, a minimum score of 18 is required on the English portion of the ACT.

This course is a composition course that must meet the standards of English 113 from Missouri Baptist University (a college freshman composition course). Research and inquiry-based learning will be an integral part of this course. Specific emphasis will include narrative, descriptive, expository, rhetoric, syntax, style, semantics, diction, analysis, and grammatical correctness.

COMPOSITION & RHETORIC II

DUAL CREDIT: MBU ENGL 123

Grade Level: 11

Credit: ½

Pathway: College

Prerequisite: Advanced English I, II, British/World Lit (highly advocated), and Comp & Rhet I

To receive college credit, a minimum score of 18 is required on the English portion of the ACT.

This course is a composition course that must meet the standards of English 123 from Missouri Baptist University (a college freshman composition course). Research and inquiry-based learning will be an integral part of this course. Specific emphasis will include expository essays, reading/responding to nonfiction, argumentative essays, with a significant emphasis on the creation of a research project. Essay formats beyond MLA will be utilized.

ENGLISH III

Grade Level: 11

Credit: 1

Pathway: Career

Prerequisite: English 2/Advanced English 2

In this year-long course, students will study diverse literature. Both reading and writing will be frequent and demanding. There is an emphasis on descriptive writing, research-based writing, and literary analysis while covering the basics of MLA format. The units will allow students to make historical, cultural, and geographical connections while focusing on themes and literary forms to teach relationships between local concerns and universal questions. In each unit, students will become aware of the authors' views of literature itself – its forms, peculiarities, language, and relationship to reality.

WORLD LITERATURE

DUAL CREDIT: MBU ENGL 203

Grade Level: 12

Credit: ½

Pathway: College

Prerequisite: Composition I & II if taken for MBU credit

Research and inquiry-based learning will be an integral part of this course. This semester course will focus on international authors and literary movements from ancient works to the present. Students will examine various genres and periods of literature. Students will demonstrate critical writing, reading, and thinking skills through literary analysis of several authors' works. Research procedures will be used in preparation of an in-depth project analyzing comparative literature. College credit can be earned for the completion of this course through Missouri Baptist University.

BRITISH LITERATURE

Grade Level: 12

Credit: ½

Pathway: College

Prerequisite: Composition I & II and World Literature (World Literature highly recommended)

Research and inquiry-based learning will be an integral part of this course. The emphasis for this semester course is advanced writing styles, critical reading and writing, and research procedures. The students will expand their critical thinking and writing skills through college level essay writing, analysis of reading, and presentations. Students will examine themes, from classical to contemporary literature.

ENGLISH IV

Grade Level: 12

Credit: 1

Pathway: College/Career

Prerequisite: English 3 or Composition and Rhetoric I/II

In this year-long course, students taking English IV will be exposed to several units in which different modes of writing and reading will be studied and applied; both informational and literary texts will be the primary focus of this course. The focus of readings will remain varied in both the world views expressed, along with the difficulty of texts. Additionally, students will also incorporate technology and research to write and express their ideas in a variety of formats, including workplace reading, writing, listening, and speaking. Designed as a mature study of English, students completing this course will gain necessary skills needed for being college and career ready.

GREAT BOOKS I & II

Grade Level: 10-12

Credit: ½

Pathway: College/Career

This class will celebrate popular and classic literature that inspires discussion, debate and critical thinking on a variety of societal issues. Students will engage in critical conversations about how these novels can help them relate to their community, their world, and themselves. Throughout the course, students will read several novels, participate in class discussion and presentations, and complete various writing assignments related to the literature.

MYTHOLOGY I

Grade Level: 10-12

Credit: ½

Pathway: College/Career

The objective of this course is to give an overview of the primary myths of Classical Greece, using Edith Hamilton's *Mythology* as a primary source. Students will learn to recognize the impact of classical mythology on literature, analyze the ways in which the theme of a selection represents a perspective on life, and appreciate the influence the Greek perspective has had on Western civilization.

MYTHOLOGY II

Grade Level: 10-12

Credit: ½

Pathway: College/Career

The objective of this course is to give an overview of the primary myths of non-Greek mythology. Students will learn to recognize the impact of classical mythology on literature, analyze the ways in which the theme of a selection represents a perspective on life, and appreciate the influence the world mythology's perspective has had on culture.

MASS MEDIA**Grade Level: 10-12****Credit: .5****Prerequisite: None****Pathway: College/Career**

In this course, students will explore the ever-growing and ever-changing world of Mass Media. Students will be actively engaged with various forms of media in order to understand the processes and theories associated with Mass Media. Through an examination of how Mass Media is produced, delivered, and disseminated by the general population, students will understand and practice media literacy on a daily basis through the *Tiger's Eye*, the St. James High School student newspaper. Other class topics will include violence in the media, news production, advertising, and gender roles in the media.

FOREIGN LANGUAGE

Department: Spanish

* Indicates Dual Credit

Career Path	9th Grade	10th Grade	11th Grade	12th Grade
	Level 1	Level 1 Level 2	Level 1 Level 2 Level 3	Level 1 Level 2 Level 3 Level 4

College Path	9th Grade	10th Grade	11th Grade	12th Grade
	Level 1	Level 1 Level 2	Level 1 Level 2 Level 3	Level 1 Level 2 Level 3 Level 4

SPANISH I

Grade Level: 9-12

Credit: 1

Pathway: College / Career

Prerequisite: Must have a "B" in English if coming from Middle school (Freshman)

Must have a "C" in English if a Sophomore, Junior or Senior.

Students will be introduced to basic Spanish: Basic conversation; asking and answering questions, subject pronouns, infinitive and present tense verbs, describing people, learning vocabulary and cultural information.

SPANISH II

Grade Level: 10-12

Credit: 1

Pathway: College / Career

Prerequisite: Students must have a "C" in Spanish Level 1 to continue with level 2.

Students will continue with where they left off in level 1 by reviewing basic Spanish: Basic conversation; asking and answering questions, subject pronouns, infinitive and present tense verbs, describing people, learning vocabulary and cultural information.

Students will continue basic Spanish with learning about telling time and creating school schedules, food, ordering in Spanish, making menus and storybooks about what types of foods people like, common dialogue in a restaurant and the foods of different cultures as well as celebrations and events.

Students will learn about seasonal clothing items and shopping, buying and ordering sizes and types of clothing.

Verbs - conjugating stem-changing verbs, irregular verbs and sentence writing and grammar.

SPANISH III

Grade Level: 11-12

Credit: 1

Pathway: College / Career

Prerequisite: Must have a "C" or higher in level 2

Level 3 is more project based. Level 3 will take the students further into designing and labeling rooms in a home, giving directions and information about locations, reflexive verbs and past tense verb conjugation. Students will learn about family chores and celebrations, sports, injuries, the human body. Students will also have an opportunity to assist hispanic students and teachers in other buildings with interpretation and classroom assignments if the need arises.

Students will do more community involvement, students will work with a business in town. Students will help that business create: posters, brochures, flyers, signs, applications and other information to inform individuals who are hispanic and only speak Spanish.

SPANISH IV

Grade Level: 12

Credit: 1

Pathway: College / Career

Prerequisite: Must have a "C" or higher in level 3

Level 4 students will do more in depth studies and project based activities in Science, Cultural studies of the Hispanic Culture, and History; climate and higher level thinking questions about the environment, water sources and availability. Cultural studies including events and history. Students will learn future tense verb conjugation, and the subjunctive. Students in level 4 will go into more depth about the effects on the human body and they will learn more medical terminology. This will be done in cooperation with Level 3 students since this is a combined class. Students will assist hispanic students and teachers in other buildings with interpretation and classroom assignments if the need arises.

Students will be listening to programs in Spanish and translate what is being said. Students will have more listening, reading and writing opportunities in Spanish level 4.

Students will also do more community involvement, students will work with a business that is willing to work with us. The desire here is to help that business inform others who only speak Spanish by creating posters, brochures, flyers, signs, applications and other information to inform individuals what the business is about. This too will be done with Level 3 students. The desire is to partner with as many businesses in St. James that are willing to allow us to help them in this manner.

SOCIAL STUDIES

Department: Social Studies

*** Indicates Dual Credit**

Career Path	9th Grade	10th Grade	11th Grade	12th Grade
	World History Current Events	American History Civil War 1 Military Technology Current Events	US Government Civil War 1 Military Technology Psychology Current Events	*US History 1 (HIS 205) *US History 2 (HIS 206) Civil War 1 Military Technology Psychology Current Events

College Path	9th Grade	10th Grade	11th Grade	12th Grade
	World History Current Events	American History Civil War 1 Military Technology Current Events	US Government Civil War 1 Military Technology Psychology Current Events	*US History 1 (HIS 205) *US History 2 (HIS 206) Civil War 1 Military Technology Psychology Current Events

WORLD HISTORY

Grade Level: 9

Required: Freshmen

Credit: 1

Pathway: College/Career

World History explores Earth's greatest societies through the lens of Western civilization. Students will analyze civilizations and how they impacted the world today. Topics will include European expansion and exploration, the Industrial Revolution, imperialism, and a complete history of the 20th-21st century. In addition, students will learn the discipline of being a historian, which will include analyzing primary and secondary sources, research, and historical writing.

AMERICAN HISTORY (1870 - Present)

Grade Level: 10

Required: Sophomores

Credit: 1

Pathway: College/Career

This class is an exploration into the development of America (1870s to present day) with focus on geography, economy, government, foreign affairs and the people who helped to shape the new nation. Throughout the course, an emphasis is placed on the development of social studies skills, critical thinking skills, geography skills and the multicultural nature of American society.

US GOVERNMENT

Grade Level: 11

Required: Juniors

Credit: 1

Pathway: College/Career

Government is a year-long course implementing a full instructional program on the structure and functioning of federal, state, and local governments. At the same time, it calls attention to the basic values on which our political, economic, and legal systems are based and the principles that give direction to the ways in which those systems work. **Students must pass both the Missouri and United States Constitution tests along with a Civics test, in order to graduate.** These three tests will be administered in this class. Students will also take an End of Course exam which will affect their grades.

CIVIL WAR 1 (National Survey)

Grade Level: 10 - 12

Credit: ½

Pathway: College/Career

Civil War I is a survey discussion/lecture course concerning the dispute between the northern states and the southern states in the United States which led to the Civil War in 1861-1865. This course begins with the Missouri Compromise (1820) and ends with the assassination of Lincoln (1865). Students may write research papers and make presentations throughout the semester. Special projects may be assigned each quarter.

MILITARY TECHNOLOGY

Grade Level: 10-12

Credit: ½

Pathway: College/Career

Students will examine the development of military technology from ancient times to modern. Students will determine how military technology was adapted to civilian use and how it impacted the lives of Americans. Military technology will be examined as to its place in American history. Students may write research papers and make presentations throughout the semester. Special projects may be assigned each quarter.

PSYCHOLOGY

Grade Level: 11-12

Credit: 1

Pathway: College/Career

This course examines human behavior and thought processes. Among the topics that will be covered are research methods, social psychology, how our brain and nervous system affects our behavior, sensation and perception, learning and memory, development across the lifespan, and personality and psychological disorders. Students will apply their study of psychology to their lives and will examine how the various perspectives, within this discipline, interpret the topics discussed.

US HISTORY 1 (History 205/College Prep.)

DUAL CREDIT: LINCOLN UNIVERSITY

Grade Level: 12

Credit: ½ Unit

Prerequisite: 3.0 minimum grade point average

Pathway: College

History 205 is a college course that surveys political, economic, and social development of the United States to 1877. An in-depth study of US history will be examined by studying this time period and applying these to modern cause and effect occurrences. Critical thinking, analytical reasoning, and strenuous research will be required. The purpose of the course will be to broaden the student's background of world events beyond the scope of an introductory course and to prepare students for the rigor of college. Upon successfully completing this course, the student will receive a high school weighted course credit as well as three hours of college credit.

US HISTORY 2 (History 206/College Prep.)**DUAL CREDIT: LINCOLN UNIVERSITY****Grade Level 12****Credit: ½ Unit****Prerequisite: 3.0 minimum grade point average****Pathway: College**

History 206 is a college course that surveys political, economic, and social development of the United States since 1877. An in-depth study of US history will be examined by studying this time period and applying these to modern cause and effect occurrences. Critical thinking, analytical reasoning, and strenuous research will be required. The purpose of the course will be to broaden the student's background of world events beyond the scope of an introductory course and to prepare students for the rigor of college. Upon successfully completing this course, the student will receive a high school weighted course credit as well as three hours of college credit.

CURRENT EVENTS**Grade Level: 9 - 12****Credit: ½ Unit****Pathway: College/Career**

Using current events, this elective course focuses on world and local issues that affect students' everyday lives, such as economics, government and conflict. This course uses newspapers, online media, cartoons, and newscasts to support class discussion. Additionally students participate in group projects, presentations and work with primary source materials and opinion pieces in order to better understand the world around them.

MATHEMATICS

Department: Math

*** Indicates Dual Credit**

Career Path	9th Grade	10th Grade	11th Grade	12th Grade
	Algebra I with Math Lab (Alg. I EOC Required) OR Algebra I (Alg. I EOC Required)	Geometry	RTI Math OR Intermediate Algebra OR Algebra II	None or RTI Math OR Algebra II OR Advanced Math

College Path	9th Grade	10th Grade	11th Grade	12th Grade
	Algebra I OR Geometry	Honors Algebra II OR Geometry/Algebra II	*Adv. Math OR *College Algebra/ *Trigonometry	*Trigonometry/ *College Algebra OR *Statistics OR/AND *Calculus

ALGEBRA I

Grade Level: 9

Credit: 1

Pathway: College and Career

Algebra 1 is for students whose assessment data and teacher recommendations show that they are performing at the desired level. A student must perform well in Algebra 1 to be successful in Geometry, Algebra 2, and other upper level math classes. The student will perform the four basic operations with rational numbers, polynomials, and radicals. Inequalities, quadratic equations, simple absolute value equations, and systems of linear equations will be studied during this course. Students will also learn graphing techniques, work with exponents, and explore various functions.

Students will take an End of Course exam that does affect their grade. A student wishing to take Calculus in their senior year will require two math classes in their sophomore year (Geometry AND Algebra 2) to reach that goal.

ALGEBRA I LAB

Grade Level: 9

Credit: 1 (non-math, elective)

Pathway: Career

Prerequisite: Must be taken in conjunction with Algebra 1 with teacher recommendation

This is a supplemental course to help students fill learning gaps, relearn concepts, and deepen understanding of Algebra 1 concepts.

GEOMETRY

Grade Level: 9 - 10

Credit: 1

Pathway: College or Career

Prerequisite: Algebra I

Geometry is the study of size, shape, position, and other properties of the shapes in objects around us. It is a mathematical system in which a few basic statements or ideas are agreed to and then used to discover results by logical thinking. This includes an introduction to formal proof through deductive and inductive reasoning. Concepts of space geometry are integrated with plane geometry. Algebraic skills are reviewed through applications in solving problems in geometry.

INTERMEDIATE ALGEBRA

Grade Level: 10-11

Credit: 1

Pathway: Career

Prerequisite: Completion of Algebra 1 and Geometry but grades lower than a "C-"

Course objectives include a review of basic algebra, solving systems of linear equations and inequalities, solving systems of equations, identifying functions, finding real zeros, solving quadratic equations, solving polynomial equations and an introduction to exponential functions.

ALGEBRA II

Grade: 10 - 11

Credit: 1

Pathway: College or Career

Prerequisite: "C-" or better in Algebra I. "C-" or better in Geometry or enrolled in Geometry during the same year as Algebra II.

At the beginning of each unit, there will be a quick review of the related topics from Algebra 1. These review topics are then woven into the more advanced level of the Algebra II curriculum. New concepts to be introduced are completing the square, deriving the quadratic formula, simplification of radicals, and complex numbers, identifying functions, finding real zeros, an introduction to exponential and logarithmic functions, sequences and series and probability and statistics.

HONORS ALGEBRA II

Grade Level: 10-11

Credit: 1

Pathway: College

Prerequisite: "A" or "B" in Algebra 1 and "A" or "B" in Geometry or with teacher recommendation.

Honors Algebra II is designed to exceed the objectives of Algebra 2. Upon completion of the course, the student may enroll in Advanced Math/Trigonometry or College Algebra. Course objectives include a review of basic algebra, solving systems of linear equations and inequalities, solving determinants, using matrices to solve systems of equations, identifying functions, finding real zeros, investigating conics, and an introduction to exponential and logarithmic functions, sequences and series, probability and statistics, and trigonometry.

ADVANCED MATH

DUAL CREDIT: MBU MATH 133

Grade Level: 11 or 12

Credit: 1

Pathway: College or Career

Prerequisite: Geometry and B or better in both semesters of Algebra II or Honors Algebra II or Teacher Recommendation.

Advanced Math is comparable to the material covered in a College Algebra class. This course is theoretical, rather than practical. Objectives include analysis of functions, radicals, polynomials, factoring, linear equations, quadratic equations, complex numbers, linear inequalities, functions and graphs, polynomial functions, real zeros, conic sections, exponential and logarithmic functions. This class may be taken for college credit.

COLLEGE ALGEBRA

DUAL CREDIT: MBU MATH 133

Grade Level: 11 or 12

Credit: 1/2

Pathway: College

Prerequisite: Geometry and B or better in both semesters of Algebra II or Honors Algebra II or Teacher Recommendation.

College algebra is a class similar to Advanced math but completed in a semester. This course is theoretical, rather than practical. Objectives include analysis of functions, radicals, polynomials, factoring, linear equations, quadratic equations, complex numbers, linear inequalities, functions and graphs, polynomial functions, real zeros, conic sections, exponential and logarithmic functions as well as systems of equations, systems of inequalities. This class may be taken for college credit.

TRIGONOMETRY

DUAL CREDIT: MBU MATH 143

Grade Level: 11 or 12

Credit: 1/2

Pathway: College

Prerequisite: Geometry and B or better in both semesters of Algebra II or Honors Algebra II or Teacher Recommendation.

This course is a study of the basic functions of angles and of the trigonometric identities. Students will learn how to solve for missing sides or angles of right triangles. A study of the Law of Sines and the Law of Cosines and word problems about real-life situations will be emphasized. Determining radian measure of an angle, graphing trigonometric functions, proving identities, vectors, and polar coordinates are included, as well as matrices and determinants. This may be taken for college credit.

CALCULUS

DUAL CREDIT: MBU MATH 164

Grade Level: 12

Credit: 1

Pathway: College

Prerequisite: B or better in each semester of Advanced Math, College Algebra and Trigonometry

This course introduces the student to the study of Calculus, starting with limits and continuity, proceeding to the definition of derivatives and integrals of functions. Applications of derivatives will be included, as well as select applications of integrals that typically fall in a Calculus II course. This will form the basis for the entire study of Calculus. This may be taken for college credit.

STATISTICS

DUAL CREDIT: MBU MATH 243

Grade Level: 12

Credit: 1

Pathway: College

Prerequisite: A or B in Algebra 2 and teacher recommendation

The purpose of statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns.
2. Sampling and Experimentation: Planning and conducting a study.
3. Anticipating Patterns: Exploring random phenomena using probability and simulations.
4. Statistical Inference: Estimating population parameters and testing hypotheses.

SCIENCE

Department: Science

* Indicates Dual Credit

Career Path	9th Grade	10th Grade	11th Grade	12th Grade
	Physical Science	Biology	Applied Science Earth Science	Anatomy & Physiology Earth Science Applied Science

College Path	9th Grade	10th Grade	11th Grade	12th Grade
	Biology	Chemistry I Anatomy & Physiology	Anatomy & Physiology Chemistry I Biology II	Biology II Chemistry I Anatomy and Physiology Chemistry II Physics

PHYSICAL SCIENCE

Grade: 9

Credit: 1

Pathway: Career

This course is for freshmen who have not had Algebra and may not be interested in attending a four year college after high school. Topics include force and motion, energy, waves, electricity and the structure of matter.

BIOLOGY

Grade: 9-10

Required

Credit: 1

Pathway: College/Career

Prerequisite: Freshman must be in Geometry or pass placement exam

This course is for freshmen who are enrolled in Honors Algebra 2 and sophomores. Biology is a required class for all high school students and includes the state End of Course Exam. Topics include biological molecules, cells, photosynthesis, genetics and ecology.

CHEMISTRY

Grade: 10-12

Credit: 1

Pathway: College

Prerequisite: Algebra I and Biology

This course for college-bound students requires the successful completion of Algebra prior to enrolling. Topics include atomic structure, the Periodic Table, nomenclature and various types of reactions.

EARTH SCIENCE

Grade: 10-12

Credit: 1

Pathway: Career

Prerequisite: Biology

This course is for sophomores and above. It explores the forces that shape the earth, the composition of the earth, weather and climate and ways in which people find and use resources.

ANATOMY & PHYSIOLOGY**Grade: 10-12****Credit: 1****Pathway: College/Career****Prerequisite: Biology**

This course, for healthcare and college-bound students, is for sophomores and above interested in knowing parts of the human body, how they function and how diseases and disorders are diagnosed and treated.

APPLIED SCIENCE**Grade: 11-12****Credit: 1****Pathway: Career****Prerequisite: Biology**

This is a project based class for juniors and seniors who are not preparing for a four year college. Each quarter will feature a topic, such as projectiles, flight, electricity, ecological management and mechanics. Students will construct projects that demonstrate an understanding of the relevant scientific principles and collect measurements that support the design and development of their products.

BIOLOGY II**Grade: 11-12****Credit: 1****Pathway: College****Prerequisite: Biology**

This course is for college-bound juniors and seniors. Topics include microbiology, genetics, biological molecules, zoology and botany and the instruction includes labs, models and research.

FINE ARTS

Department: Fine Arts – Art

* Indicates Dual Credit

Career Path	9th Grade	10th Grade	11th Grade	12th Grade
	2D Foundations	2D Foundations	2D Foundations	2D Foundations
	3D Foundations I	3D Foundations I	3D Foundations I	3D Foundations I
	3D Foundations II	3D Foundations II	3D Foundations II	3D Foundations II
	Digital Art	Digital Art	Digital Art	Digital Art
	Adv. Drawing & Painting	Adv. Drawing & Painting	Adv. Drawing & Painting	Adv. Drawing & Painting
	Photography	Photography	Photography	Photography
	Stagecraft - Tech	Stagecraft - Tech	Stagecraft - Tech	Stagecraft - Tech
	Stagecraft - Talent	Stagecraft - Talent	Stagecraft - Talent	Stagecraft - Talent

College Path	9th Grade	10th Grade	11th Grade	12th Grade
	2D Foundations	2D Foundations	2D Foundations	2D Foundations
	3D Foundations I	3D Foundations I	3D Foundations I	3D Foundations I
	3D Foundations II	3D Foundations II	3D Foundations II	3D Foundations II
	Digital Art	Digital Art	Digital Art	Digital Art
	Adv. Drawing & Painting	Adv. Drawing & Painting	Adv. Drawing & Painting	Adv. Drawing & Painting
	Photography	Photography	Photography	Photography
	Stagecraft - Tech	Stagecraft - Tech	Stagecraft - Tech	Stagecraft - Tech
	Stagecraft - Talent	Stagecraft - Talent	Stagecraft - Talent	Stagecraft - Talent

2D FOUNDATIONS

Grade: 9-12

Credit: 1/2

Pathway: College/Career

2D Foundations introduces students to a variety of flatwork. Students will experience graphite, charcoal, colored pencils, watercolor, ink, acrylic, and pastel in multiple sizes. **Students can only take one hour of 2D Foundations each year.**

3D FOUNDATIONS I

Grade: 9-12

Credit: 1/2

Pathway: College/Career

3D Foundations I introduces students to the field of sculpture in a variety of mediums. Students may experience sewing, embroidery, cardboard sculpture, ceramics, paper mache, wire sculpture, crochet, and cross stitching. You need this course before taking 3D Foundations II.

3D FOUNDATIONS II

Grade: 9-12

Credit: 1/2

Pathway: College/Career

3D Foundations II dives deeper into the field of sculpture in a variety of mediums. Students may experience sewing, embroidery, cardboard sculpture, ceramics, paper mache, wire sculpture, crochet, and cross stitching on a more advanced level and with more creative freedom than 3D Foundations I. Students must have taken 3D Foundations I before taking this course.

DIGITAL ART

Grade: 10-12

Credit: 1

Pathway: Career/College

Prerequisite: 1 Fine Art Credit

Year long course. Digital Art will use multiple programs for creating art digitally, including skills used in game design, marketing, photography, animation, 3D printing, and digital drawing/painting. We will use multiple platforms and programs. This class will cover the basics of digital art, while still focusing on the principles and elements of art.

ADVANCED DRAWING AND PAINTING

Grade: 10-12

Credit: 1

Pathway: Career/College

Prerequisite: 1 Fine Art Credit, Application

Advanced Drawing and Painting builds on your experience from foundational art, offering more freedom and creative challenge. This course offers the opportunity to specialize in the medium of your choice among other artists, but will also involve you in the display and promotion of high school art in the community. Students must take one full year of a foundational art class and fill out an application to take Advanced Drawing and Painting.

PHOTOGRAPHY

Grade: 10-12

Credit: 1

Pathway: Career/College

Prerequisite: 1 Fine Art Credit

Students must have completed one full year of a foundational art class to enroll. This course covers basic concepts and practices of digital photography, including understanding and use of the camera, lenses, and other basic photographic equipment. The course will address aesthetic principles as they relate to composition, space, exposure, light, depth of field, color, black and white, portfolio building, and displays.

STAGECRAFT: Tech

Grade: 9-12

Credit: 1

Prerequisite: application and teacher approval

Pathway: College/Career

Tech must complete an application and have teacher approval before being placed in the class. Both talent and tech will be required to participate in the mainstage production; there will be out of school rehearsals during Tech Week*. Costume and scenery plots will be developed and implemented, theory discussed in production from script to stage all while running a show under budget.

*Times and Dates will be determined based on Activities Director's Calendar prior to the start of term

STAGECRAFT: Talent

Grade: 9-12

Credit: 1

Prerequisite: application, audition, and teacher approval

Pathway: College/Career

Talent must complete an application, audition and have teacher approval before being placed in the class. Both talent and tech will be required to participate in the mainstage production. Most rehearsals will be during the confines of school hours, there will be additional rehearsals during Tech Week*. Schedules will be agreed upon as a cast.

*Times and Dates will be determined based on Activities Director's Calendar prior to the start of term

MUSIC

Department: FINE ARTS - MUSIC

* Indicates Dual Credit

Career Path	9th Grade	10th Grade	11th Grade	12th Grade
	Band	Band	Band	Band
	Marching Band	Marching Band	Marching Band	Marching Band
	Concert Choir	Concert Choir	Concert Choir	Concert Choir
	Reel Music	Reel Music	Reel Music	Reel Music
	Ukulele	Ukulele	Ukulele	Ukulele
	Jazz Band	Jazz Band	Jazz Band	Jazz Band

College Path	9th Grade	10th Grade	11th Grade	12th Grade
	Band	Band	Band	Band
	Marching Band	Marching Band	Marching Band	Marching Band
	Concert Choir	Concert Choir	Concert Choir	Concert Choir
	Reel Music	Reel Music	Reel Music	Reel Music
	Ukulele	Ukulele	Ukulele	Ukulele
	Jazz Band	Jazz Band	Jazz Band	Jazz Band
	Jazz Studies	Jazz Studies	Jazz Studies	Jazz Studies
	Chamber Choir	Chamber Choir	*Fundamentals of Music Theory (MUS100) Chamber Choir	*Fundamentals of Music Theory (MUS100) Chamber Choir

MARCHING BAND

Grade: 9-12

Credit: ¼

Prerequisite: Current Enrollment in High School Band/Previous experience in Middle School Band/Good standing with the director/MSHSAA eligibility

This ensemble will perform music at the grade 3 and 4 level from various time periods and in various styles. It incorporates music and movement to portray an artistic and theatrical representation of the marching show concept. This ensemble rehearses at 7:00 a.m. every day and continues through first hour (HS Band) of the day on its scheduled hour. It also rehearses every Thursday or Tuesday night from 6-9pm. The marching band will perform at home football games as well as four to five competitions and various hometown and area parades. This group follows all state high school rules and regulations and students must be eligible for extracurricular activities.

HIGH SCHOOL BAND

Grade: 9-12

Credit: 1

Prerequisite: Middle School band/or waiver from band director/MSHSAA eligibility

This ensemble will utilize a standard instrumentation for concert band and marching band. In the Fall, through October, the band functions as the marching band. In November we switch to concert band. The concert band will perform grade 2-4 music from various styles and time periods. The band also studies the foundations of music theory through scales, harmony, rhythm, and music history. The band participates in the District and State Music Festivals in March and April as well as performing public concerts and local events. This group follows all state high school rules and regulations for eligibility.

JAZZ STUDIES

Grade: Tryout Basis

Credit: 1

Prerequisite: Concurrent enrollment in jazz band, teacher invite through tryout process, and MSHSAA eligibility

This ensemble studies jazz theory, improvisation, jazz history, and small group jazz literature. The emphasis of this group is jazz improvisation and small group performance. This is an advanced group and students need to understand basic theory from concert band before enrolling. The ensemble performs at many local events, jazz festivals, and other locations that enhance the jazz education.

JAZZ BAND

Grade: Tryout Basis

Credit: ½ Second Semester

Prerequisite: Teacher invite through tryout process, and MSHSAA eligibility

The jazz band is a performance based group that plays music written for standard jazz band instrumentation. 5 saxes, 5 trombones, 5 trumpets, and rhythm section. The band will play music in various styles and historical periods. This ensemble travels to 3-4 jazz festivals and performs at local events and concerts. The Jazz Band follows all MSHSAA and St. James Eligibility guidelines.

UKULELE

Grades: 9-12

Credit: ½

Prerequisite: No prior Ukulele Experience

This class should only be taken once.

This course will be offered in the fall semester of even years!

This is a new offering for the 2022-2023 school year! This course serves as an introduction to the instrument and will provide students with instant access to making music on the ukulele. You will learn to read music as notes, chords, and tabs. By the end of the semester you will have the knowledge needed to search for any easy to intermediate song on the internet and play it on the ukulele and be well on your way to being the next Israël Kamakawiwo'ole as you strum away Somewhere Over the Rainbow.

REEL MUSIC

Grades: 9-12

Credit: ½

Prerequisite: This class should only be taken once.

This course is only offered in the spring.

This class will explore music in movies, TV shows, and commercials. Students will learn how composers and Foley artists create original music and sound effects for each movie. You will learn about the likes of Danny Elfman (Edward Scissorhands, The Nightmare Before Christmas, 1989's Batman: The Movie), John Williams (Star Wars, Harry Potter 1-3, ET, Jaws), Klaus Badelt (Pirates of the Caribbean), Hans Zimmer (The Amazing Spiderman 2, Batman vs Superman), and many more. We will watch and study a wide variety of movies ranging from those with music original to the movie (Star Wars, MCU Universe), movies that use pre-existing music (Perks of Being A Wallflower, Remember the Titans, etc) from a wide range of movies from action, sci-fi, comedy, superhero, and many more. This class is based on movies and other visual entertainment as we split the time between in-class discussions and watching the movies we discuss.

Fundamentals of Music Theory (MUS100)

Grades: 11-12

Credit: ½

Prerequisite: This class should only be taken once.

This class is offered every odd year in the Fall.

This is a dual credit course designed to prepare music students for future study in music theory. We will cover music notation, basic scales and chords, aural training, rhythms, music notation software, basic analysis of listening examples, basic music composition and other related topics that prepare students for collegiate study in music fields. This class is offered in conjunction with Missouri State University and applies as a prerequisite for MUS103. We will follow Missouri State University music department's required curriculum for this class, as well as any other student expectations they may have.

CHAMBER CHOIR

Grade: 9 - 12

Credit: 1

Prerequisite: Audition and enrollment in Concert Choir through sophomore year. Juniors and Seniors do not have to enroll in Concert Choir if conflicts with a dual credit class or class needed for graduation. MSHSAA eligibility

This elite ensemble, 20-28 voices, is auditioned the spring semester before, and requires a year of commitment; high discipline and attention to musical detail will be expected at every rehearsal. The choir will perform numerous times throughout the year for concerts, public engagements, and state contest. The repertoire presented will encompass the full gamut of style periods and languages: Baroque, Classical, Romantic, Modern, Madrigal, Spanish, French, Italian, Latin, and English. Uniforms, consisting of tuxedos and dresses, will be provided; however, the student will need to purchase a choir t-shirt and pay for uniform dry-cleaning (totaling approximately \$25).

CONCERT CHOIR

Grade: 9 - 12

Credit: 1

Prerequisite: Audition

A general choir course that is open to all students who audition. This ensemble will perform at the local concerts and participate in state contest. The repertoire presented will encompass the wide gamut of style periods and languages: Baroque, Classical, Romantic, Modern, Madrigal, Spanish, French, Italian, Latin, and English. Uniforms, consisting of polo shirt, black pants, socks and shoes will be required. Personalized polo shirts will be ordered for \$20. The student must provide pants, socks, and shoes.

PRACTICAL ARTS

Department: Business Education

* Indicates Dual Credit

Career Path	9th Grade	10th Grade	11th Grade	12th Grade
	Computer Apps	Computer Apps * Intro Marketing Accounting	Personal Finance Computer Apps * Intro Marketing Accounting Desktop Publishing *Intro. to Business *Entrepreneurship	Personal Finance Computer Apps * Intro to Marketing Accounting Desktop Publishing *Intro. to Business *Entrepreneurship Business Technology CEP

College Path	9th Grade	10th Grade	11th Grade	12th Grade
	Computer Apps	Computer Apps * Intro Marketing Accounting	Personal Finance Computer Apps * Intro Marketing Accounting Desktop Publishing *Intro. to Business *Entrepreneurship	Personal Finance Computer Apps * Intro to Marketing Accounting Desktop Publishing *Intro. to Business *Entrepreneurship Business Technology CEP

COMPUTER APPLICATIONS

Grade: 9-12

Credit: ½

Pathway: College/Career

An introduction to computer applications that prepares students to use computer technology in an effective and appropriate manner. This course is designed to help students master beginning and advanced skills in the areas of word processing, database management, spreadsheet applications, desktop publishing, multimedia, Internet usage and integrated software applications.

INTRO TO MARKETING

DUAL CREDIT: MSU

Grade: 10-12

Credit: 1

Pathway: College/Career

This course introduces the student to the field of marketing—the process of determining consumer needs and directing products and services to meet those needs. In today's market-driven economy there are numerous career opportunities available to those students who have a marketing background. Topics included are profit/loss, economics, product pricing, sales, market planning, advertising, human relations and communications. The class will offer a competitive edge to those students pursuing a career or college major in Business/Marketing. Course work includes such activities as new product development, advertising, and sales projects; as well as guest speakers, field trips, and leadership activities. Creativity, imagination, and a competitive spirit are encouraged. Marketing students can join DECA, an association of marketing students (\$20 dues).

ACCOUNTING

Grade: 10 - 12

Credit: 1

Pathway: College/Career

Accounting I is designed to introduce students to the field of accounting. Students will work through the financial accounting cycle and payroll for a sole proprietorship. This accounting class is also designed to provide students a strong foundation in accounting principles. Students will learn what business transactions are and how accountants use a double-entry system (debits and credits) to keep track of these transactions. Students will also study the complete accounting cycle of recording transactions, preparing financial statements, and "closing the books" for small, single-owner service and merchandising businesses. This course prepares students for upper level or post-secondary accounting courses.

DESKTOP PUBLISHING

Grade: 11 – 12

Credit: 1

Pathway: College/Career

Prerequisite-Application and interview process prior to acceptance into the course.

Desktop Publishing is a one year course in yearbook production. Students are responsible for the planning, organization and production of the school yearbook. Students sell ads, prepare ad sections, write copy, design layouts, take photographs, and prepare layouts in the yearbook. Students will learn general journalistic principles as well as columnar layout and specific techniques to help in producing a 100+ page publication. Students become familiar with a real world task of working within established deadlines, and gain experience in a holistic production setting.

PERSONAL FINANCE

Required

Grade: 11 - 12

Credit: ½

Pathway: College/Career

Personal Finance presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn to apply decision-making skills to evaluate career choices and set personal financial goals. The course content is based on the Dave Ramsey curriculum and is designed to help students make wise spending, saving, and credit decisions, and to also make effective use of income. Understanding and managing personal finances is key to one's future financial success!

INTRODUCTION TO BUSINESS

DUAL CREDIT: MSU

Grade: 11-12

Credit: 1

Pathway: College/Career

This course is designed as an introductory class to learn general business concepts that are relevant to the future workforce and business leaders. We will utilize a textbook, customized projects and entrepreneurial challenges to teach the most relevant topics in areas of finance, marketing, operations, management and career options.

ENTREPRENEURSHIP

DUAL CREDIT: MSU

Grade: 11-12

Credit: 1

Pathway: College/Career

In Entrepreneurship, students learn the basics of planning and launching their own successful business. This course is designed to introduce students to how business works in today's society and to provide a foundation for other business courses. Students will learn how to derive new business ideas, attract investors, market their business, and manage expenses. Students will hear inspirational stories from local entrepreneurs who have turned their ideas into reality, and then students will create a business plan for their own potential business. Entrepreneurship students can join DECA, an association of marketing students (\$20 dues).

BUSINESS TECHNOLOGY 1

Grade: 12

Credit: 1

Pathway: College/Career

Business Technology addresses the technology, knowledge, skills, and behaviors all students need to be prepared for success in college, career, and life. The focus of the course is the impact of today's choices on tomorrow's possibilities. Topics to be addressed include twenty-first century life and career skills; higher order thinking, communication, leadership, and management processes; planning and building employability skills; transferring school skills to life and work; managing personal resources, and developing career plans. A project based approach, including computer and technology applications, cooperative ventures between school and community, simulations, and real life experiences, will be used.

CAREER EXPLORATION PROGRAM (CEP)

Grade: 12

Credit: 1

Pathway: College/Career

Prerequisite: Must be currently enrolled in Business Technology

This course provides for the enrollment of students that are released on school time to cooperate occupational experience in an approved local business. A signed permission slip and agreement must be completed for each student. Credit is earned based on hours worked along with various assignments pertaining to their on the job experiences. This instructional program is evaluated by the student (employee), supervising cooperating teacher, and the employer.

FAMILY & CONSUMER SCIENCES (FACS) – PRACTICAL ARTS

Department: FACS

* Indicates Dual Credit

Career Path	9th Grade	10th Grade	11th Grade	12th Grade
	Intro. to FACS	Intro. to FACS	Intro. to FACS	Intro. to FACS
	Nutrition & Wellness	Nutrition & Wellness	Nutrition & Wellness	Nutrition & Wellness
	Child Development & Parenting	Child Development & Parenting	Child Development & Parenting	Child Development & Parenting
	Fashion & Interior Design	Fashion & Interior Design	Fashion & Interior Design	Fashion & Interior Design

College Path	9th Grade	10th Grade	11th Grade	12th Grade
	Intro. to FACS	Intro. to FACS	Intro. to FACS	Intro. to FACS
	Nutrition & Wellness	Nutrition & Wellness	Nutrition & Wellness	Nutrition & Wellness
	Child Development & Parenting	Child Development & Parenting	Child Development & Parenting	Child Development & Parenting
	Fashion & Interior Design	Fashion & Interior Design	Fashion & Interior Design	Fashion & Interior Design

FACS - PRACTICAL ARTS

INTRO TO FACS

Grade: 9-12

Credit: ½

Pathway: College/Career

This course is an introduction to all phases of Family and Consumer Sciences including food & nutrition, family living, child development, family & individual health, consumer education, wardrobe planning & clothing construction. Each unit will have a practical component.

NUTRITION & WELLNESS

Grade: 9-12

Credit: ½

Pathway: College/Career

Nutrition and Wellness is designed to teach science skills as they apply to food preparation, food production, and human nutrition. Students will explore the science behind many food preparation principles, the food production industry, and the structure and function of all of the essential nutrients. This will be a lab class with cooking involved.

CHILD DEVELOPMENT & PARENTING

Grade: 9-12

Credit ½

Pathway: College/Career

This course introduces students to responsible nurturing and basic child development theory. Emphasis is on responsibilities of parents, readiness for parenting, and the influence parents have on children while providing care and guidance. Skills in planning, communication, resource management, and problem solving are reinforced. The focus is on infants to age six. Students will care for a doll as if it were a real baby.

FASHION & INTERIOR DESIGN

Grade: 10-12

Credit: ½

Pathway: College/Career

Fashion and interior design is a creative course in which students will learn the elements, principles, and psychology of design. Students will then be given the freedom to apply these concepts in the areas of both fashion and interiors. In addition, students will explore careers in both fields.

PRACTICAL ARTS

Department: Technology Apprenticeship Program

* Indicates Dual Credit

Career Path	9th Grade	10th Grade	11th Grade	12th Grade
	Tech 1	Tech 2 Tiger TV 1	Tech 3 Tiger TV 2	Externship Tech Tiger TV 3

College Path	9th Grade	10th Grade	11th Grade	12th Grade
	Tech 1	Tech 2 Tiger TV 1	Tech 3 Tiger TV 2	Externship Tech Tiger TV 3

TECH 1 (BEGINNING COMPUTER INSTALLATION)**Grade: 9-12****Credit: 1****Prerequisite: 2.5 GPA and Algebra I****Pathway: College/Career**

TECH I is a general personal computer class designed to provide the student with an introduction to computing technology, including experiences in installing and repairing computer systems. The class will begin at a very basic level by providing the students with the opportunity to become familiar with such practices as safety, security, and best practices in setting up and using a pc. The goal of the class is to provide students with the skills necessary to take all proper steps from setting up to administering basic computers or networks. Course work follows the Industry standards of CompTIA IT Fundamentals+ and/or TestOUT Fundamentals.

TECH 2 (INTERMEDIATE COMPUTER INSTALLATION)**Grade: 10-12****Credit: 1****Prerequisite: TECH I with at least a 75%****Pathway: College/Career**

TECH II is a continuation of TECH I with more stress placed on the further development of previously learned skills. This course provides students with the opportunity to study and implement installing and configuring personal computers and networks. Hands-on performance-based labs will also be conducted concerning PC setup, networking, and printing. Course work follows the Industry standards of CompTIA IT Fundamentals+ and/or TestOut PC PRO.

TECH 3 (ADVANCED COMPUTER INSTALLATION)**Grade: 11-12****Credit: 1****Prerequisite: TECH II with at least a 75%****Pathway: College/Career**

Computer Installation & Repair III is a continuation of Computer Installation & Repair II with more stress placed on the development of previously learned skills and ability to complete technology projects from conception to finish. Students will be expected to design, develop, and complete a major project. They will be responsible for designing and presenting needed to complete a major project. They will be responsible for calculating the number and or types of devices needed to complete the project, as well as develop an overall budget and time frame needed for completion. Evaluation is based on a 10 point daily grade for professionalism and engagement, as well as completion of a final project and its relationship to the design and budget created by the student. Students will be required to purchase materials for their own personal projects or be sponsored by a club or organization. Required to take the CompTIA IT Fundamentals+ Certification Exam.

TECH EXTERNSHIP

Grade: 12

Credit: 1

Prerequisite: TECH III with at least a 75%

Pathway: College/Career

Tech Externship involves the practical application of skills learned in previous TECH courses. Focused on projects and supporting community TECH based solutions.

Tiger TV 1 (BEGINNING RADIO/TV BROADCASTING)

Grade: 10-12

Credit: 1

Prerequisite: 2.5 GPA and Algebra I

Pathway: College/Career

The purpose of Tiger TV I is to provide students with experience working in the fields of live television, audio broadcast, film production, and video production. Students will develop and then refine a skill set in production. Students will also work on the staff of TigerTV completing all tasks required to produce school streaming events. Course work follows the Industry standards of Adobe Certified Associate.

Tiger TV 2 (INTERMEDIATE RADIO/TV BROADCASTING)

Grade: 11-12

Credit: 1

Prerequisite: Tiger TV I with at least a 75%

Pathway: College/Career

The purpose of Tiger TV II is to provide students with experience working in the fields of live television, audio broadcast, film production, and video production. Students will develop and then refine a skill set in production building upon the fundamentals in Tiger TV I. Students will also work on the staff of Tiger TV completing all tasks required to produce school streaming events. Course work follows the Industry standards of Adobe Certified Associate.

Tiger TV 3 (ADVANCED RADIO/TV BROADCASTING)

Grade: 12

Credit: 1

Prerequisite: Tiger TV II with at least a 75%

Pathway: College/Career

The purpose of Tiger TV II is to provide students with experience working in the fields of live television, audio broadcast, film production, and video production. Students will develop and then refine a skill set in production building upon the fundamentals in Tiger TV II. They will manage and produce at least one streamed event from promoting to wrap up reporting. Students will also work on the staff of Tiger TV completing all tasks required to produce school streaming events. Course work follows the Industry standards of Adobe Certified Associate.

INDUSTRIAL TECHNOLOGY – PRACTICAL ARTS

Department: Industrial Technology

*** Indicates Dual Credit**

Career Path	9th Grade	10th Grade	11th Grade	12th Grade
	Woods 1	Carpentry 1	Carpentry 2	Carpentry 3

College Path	9th Grade	10th Grade	11th Grade	12th Grade
	Woods 1	Carpentry 1	Carpentry 2	Carpentry 3

WOODS 1 (Beginning Woodworking)**Grade: 9-12****Credit: ½****Pathway: College/Career**

Woods I is a general shop class designed to provide the student with an introduction to industrial technology, including experiences in drafting and woodworking. The class will begin at a very basic level by providing the students with the opportunity to become familiar with such practices as tool safety, proper use of tools, proper measuring and drafting techniques. Evaluation is based on a 10 point daily grade in shop, as well as successful completion of a tools and safety test. (100% required) The goal of the class is to provide students with the skills necessary to take all proper steps from conception and design of a project through overall completion of that project.

CARPENTRY 1 (Intermediate Woodworking)**Grade: 10-12****Credit: 1****Prerequisite: Woods****Pathway: College/Career**

Intermediate Woodworking is a continuation of Woods with more stress placed on the further development of previously learned skills. This course provides students with the opportunity to study and produce well-designed furniture and other wood products. Evaluation is based on a 10 point daily grade in the shop, as well as completion of a final project. Tests may also be given throughout the course to help check the student's comprehension of safety and proper tool use. Students will be required to buy materials for their personal projects.

CARPENTRY 2 (Advanced Woodworking)**Grade: 11-12****Credit: 1****Prerequisite: Carpentry 1****Pathway: College/Career**

Advanced Woodworking is a continuation of Carpentry 1 with more stress placed on the development of previously learned skills and ability to complete a major project from conception to finish. Students will be expected to design, develop, and complete a major project. They will be responsible for calculating the amount of materials needed to complete a major project. They will be responsible for calculating the amount of materials needed to complete the project, as well as develop an overall budget and time frame needed for completion. Evaluation is based on a 10 point daily grade in the shop, as well as completion of a final project and its relationship to the design and budget created by the student. Students will be required to purchase materials for their own personal projects.

CARPENTRY 3**Grade: 12****Credit: 1****Prerequisite: Carpentry 2****Pathway: College/Career**

Carpentry 3 is a continuation of Carpentry 2, with more stress placed on the development of previously learned skills. In Carpentry III, students will develop workplace ready skills in the areas of cabinet making and construction. An emphasis will be placed on the use of current industry technology and practices, conception, design, cost analysis, and labor.

AGRICULTURE EDUCATION

Department: Ag Department

Career Path	9th Grade	10th Grade	11th Grade	12th Grade
	Ag Science 1	Ag Science 1	Floriculture*	Floriculture*
		Ag Science 2	Greenhouse*	Greenhouse*
			Veterinary Science*	Veterinary Science*
			Adv. Animal Science*	Adv. Animal Science*
			Ag Construction	Ag Construction
			Ag Structures*	Ag Structures*
			Ag Sales	Ag Sales
			Ag Business	Ag Business
				AOE

College Path	9th Grade	10th Grade	11th Grade	12th Grade
	Ag Science 1	Ag Science 1	Floriculture*	Floriculture*
		Ag Science 2	Greenhouse*	Greenhouse*
			Veterinary Science*	Veterinary Science*
			Adv. Animal Science*	Adv. Animal Science*
			Ag Construction	Ag Construction
			Ag Structures*	Ag Structures*
			Ag Sales	Ag Sales
			Ag Business	Ag Business
				AOE

Agriculture encompasses the food, fiber, conservation and natural resource systems, employing over 20% of the nation's workforce. Advanced skills in welding, woodworking, and project construction provide students with entry-level agricultural construction skills.

AGRICULTURAL SCIENCE I

Grade: 9-12

Credit: 1

Pathway: Career/College

A course designed for instruction in animal science, agricultural mechanics, careers, FFA History and background, leadership, and supervised agricultural experience. Units may also include agribusiness, fish & wildlife management, and food science.

AGRICULTURAL SCIENCE II

Grade: 10-12

Credit: 1

Pathway: Career/College

Prerequisite: Agricultural Science I

A course designed for instruction in plant and crop science, soils, entomology, horticulture, and forestry, and additional instruction in agricultural mechanics, career development, leadership, and supervised agricultural experience.

Agribusiness (offered every other year - odd graduation years)

Grade: 11-12

Credits: ½ (Fall Semester)

Pathway: Career/College

Prerequisite: Agricultural Science I and Agricultural Science II, Must have earned a "C" in Agricultural Science II

This course combines farm management, agribusiness management, and content based on agricultural economic principles. Computer applications are included to enhance student understanding and utilization of current technology. Units include human relations, verbal and written communication, microcomputers in agriculture, economic principles, farm planning, agribusiness functions, and business management.

Agribusiness Sales (offered every other year - odd graduation years)

Grade: 11-12

Credits: ½ (Spring Semester)

Pathway: Career/College

Prerequisite: Agricultural Science I & II, Must have earned a "C" in Agricultural Science II

This course includes human relations, personal inventory, careers in selling, and other experiences necessary for employment in agribusiness engaged in marketing, purchasing, storing, grading, and transporting supplies and products.

GREENHOUSE***Grade: 11-12****Credits: 1****Pathway: Career****Prerequisite: Agricultural Science I and Agricultural Science II, Must have earned a "C" in Agricultural Science II**

This is an introductory course in ornamental horticulture and greenhouse management. Students will learn fundamental skills relating to plant propagation, plant nutrition, floral arrangements and greenhouse and nursery production. This class teaches the student how to propagate and grow plants.

FLORICULTURE***Grade: 11-12****Credit: ½****Pathway: Career****Prerequisite: Agricultural Science I & II**

This course develops a basic understanding of floriculture techniques. The design of flowers will be used to demonstrate procedures used in the floriculture industry. Basic principles of floral design, florist careers, plant identification and the mechanics of floral design will be implemented in this course.

VETERINARY SCIENCE***Grade: 11-12****Credits: 1****Pathway: Career/College****Prerequisite: Agricultural Science I & II, Must have earned a "C" in Agricultural Science II**

Both food and companion animals are studied in this course. Topics include cell and tissue biology, anatomy, physiology, nutrition, disease prevention and diagnosis, and surgical procedures.

CONSERVATION OF NATURAL RESOURCES (offered every other year - even graduation years)**Grade: 11-12****Credits: ½ (Fall Semester)****Pathway: Career/College****Prerequisite: Agricultural Science I and II**

This course prepares students for activities in the conservation and/or improvement of natural resources such as oil, water, air, forests, fish and wildlife for economic and recreational purposes.

FOREST MANAGEMENT (offered every other year - even graduation years)

Grade: 11-12

Credits: ½ (Spring Semester)

Pathway: Career/College

Prerequisite: Agricultural Science I and II

This course includes the following aspects of forestry: economic and environmental importance, harvesting equipment and methods, safety, business agreements for the procurement and/or sale of standing timber, surveying and land measurement, scaling and grading, and the equipment and marketing of Missouri wood products.

ADVANCED ANIMAL SCIENCE *(offered every other year - odd graduation years)

Grade: 11-12

Credit: 1

Pathway: Career

Prerequisite: Agricultural Science I & II, Must have earned a "C" in Agricultural Science II

Advanced study in animal production, management, marketing, nutrition, breeding, production records, selection, animal health, waste management, and biotechnology may be included in this course.

ADVANCED LIVESTOCK* (offered every other year - even graduation years)

Grade: 11-12

Credit: 1

Pathway: Career

Prerequisite: Agricultural Science I & II

Advanced study in animal production, management, marketing, nutrition, breeding, production records, selection, animal health, waste management, and biotechnology may be included in this course.

AGRICULTURAL MECHANICS (Offered Even Graduation years)

Grade: 11-12

Credit: 1

Pathway: Career

Prerequisite: Agricultural Science I & II

This course includes electrical wiring, electric motors, concrete masonry, plumbing and sewage disposal, farm fences, product handling and processing equipment, and farm buildings. This course also utilizes welding in the development and construction of major metal and wood shop projects.

AGRICULTURAL STRUCTURES* (Offered odd graduation years)

Grade Level: 11-12

Credit: 1

Pathway: Career

Prerequisite: Agricultural Science I & II

This course includes electrical wiring, electric motors, concrete masonry, plumbing and sewage disposal, farm fences, product handling and processing equipment, and farm buildings.

AGRICULTURAL CONSTRUCTION I/II

Grade: 11-12

Credit: 1

Pathway: Career

Prerequisite: Agricultural Science I & II

This course utilizes welding in the development and construction of major metal and wood projects.

AGRICULTURAL OCCUPATIONAL EXPERIENCE (AOE)

Grade: 12

Credit:1

Pathway: Career

Prerequisite: Agricultural Science I & II

Co-requisite: Additional Advanced Agriculture Class

This course provides for the enrollment of students that are released either one or both days, during the first or last hour to complete a cooperative occupational experience in an approved training station in agriculture. A signed training agreement and training plan must be completed for each student. Students must have a job the full length of the semester and complete a total of 10 supervised hours or more each week. Students must also be in good standing of attendance while they are enrolled in AOE.

PHYSICAL EDUCATION

Department: Physical Education

Bold: Required; * Indicates Dual Credit

Career Path	9th Grade	10th Grade	11th Grade	12th Grade
	Health	Health	Health	Health
	PE	PE	PE	PE
	CoEd Adv PE (Strength and Conditioning)	CoEd Adv PE (Strength and Conditioning)	CoEd Adv PE (Strength and Conditioning)	CoEd Adv PE (Strength and Conditioning)

College Path	9th Grade	10th Grade	11th Grade	12th Grade
	Health	Health	Health	Health
	PE	PE	PE	PE
	CoEd Adv PE (Strength and Conditioning)	CoEd Adv PE (Strength and Conditioning)	CoEd Adv PE (Strength and Conditioning)	CoEd Adv PE (Strength and Conditioning)

PHYSICAL EDUCATION & ADVANCED PHYS.EDUCATION NO-DRESS & ATTENDANCE/GRADE POLICY

Physical Education classes require active participation as an important part of a student's grade. Students are expected to dress out for physical activity on a daily basis for PE classes. Students are given two no-dresses per semester without consequence. The third no-dress earns a ½ letter grade reduction in the student's grade. A fourth no-dress earns a second ½ letter grade reduction and so on. Students wanting to enroll in a physical education class need to realize the classes require students to physically participate. **If a student accumulates absences beyond the maximum number allowed to pass the course (8) according to the St. James School District Attendance Policy, each subsequent absence will be counted as a No Dress for the class.**

If a student is going to have a known medical procedure performed the semester he/she would be enrolled, which causes the student to miss class or not be able to participate, the student should not enroll for the semester. There are 8 semesters for a student to obtain 1.5 credits (takes 3 semesters to earn these credits) toward graduation.

CO-ED PHYSICAL EDUCATION

Grade: 9-12

Credit: ½

Pathway: College/Career

Co-Ed Physical Education classes are introductory classes in which students will participate in various physical games and activities. Students will also be able to perform daily cardio-vascular exercises (running, walking, jogging), stretching, and calisthenics. Students who have physical disabilities or are limited in their function need to be released to perform exercises by a physician. The activities and games in this course will teach lifetime skills, both individual and team oriented. Students are required to provide their own "workout" clothes. **Students are only allowed to schedule ONE PE class per day.**

CO-ED ADVANCED PHYSICAL EDUCATION (Strength and Conditioning)

Grade: 9-12

Credit: ½

Pathway: College/Career

Advanced physical education is a class that offers physical conditioning in the form of resistance training (weight lifting). This class is strenuous and places a high physical demand on the student's muscular and skeletal system. The purpose of the course is to increase strength, muscular endurance, cardiovascular endurance, speed, agility, flexibility and help prevent injuries. Students will have the opportunity to experience different techniques in developing these areas by completing a wide array of resistance exercises. Athletes of any sport are recommended to enroll. **Students are only allowed to schedule ONE COED ADV PE class per day.**

FAMILY HEALTH**Grade: 9-12****Required****Credit: ½****Pathway: College/Career**

The St. James High School Health curriculum covers physical, mental and social health concepts in order to promote life longevity and improved quality of life. The course focuses on health literacy and lifestyle factors that can be utilized throughout the teen and adult years. Course topics include: Health and Wellness, Diseases, Nutrition, Physical Activity and Fitness, Safety and Injury Prevention, Substance Abuse and Personal Hygiene.

CAREER EDUCATION AND A+ PROGRAM

- Enter into a written agreement with the high school prior to graduation
- Attend a designated A+ school for three consecutive years prior to graduation
- Graduate with an overall GPA of 2.5 or higher on a 4.0 scale
- Achieve a score of proficient or advanced on the Algebra I Missouri End of Course Exam, or higher math exam (Algebra II or Geometry), or Scoring 17 on the Math portion of the ACT, 43 on the Compass Pre-Algebra test, or 1 on the Compass Algebra test will also fulfill this qualification.
- Have a four year average attendance rate of 95% or higher for grades 9-12
- Perform 50 hours of unpaid, district supervised tutoring/mentoring
- Maintain a record of good citizenship and avoid the unlawful use of drugs and alcohol
- Make a good faith effort to secure Federal Aid by completing the Free Application for Federal Student Aid (FAFSA)
- Register with the Selective Service if required to do so

Department: A+ (Practical Art)

Bold: Required; * Indicates Dual Credit

Career Path	9th Grade	10th Grade	11th Grade	12th Grade
		Library Aide	Library Aide Cadet Teaching Honors Mentoring Internship	Library Aide Cadet Teaching Honors Mentoring Internship

College Path	9th Grade	10th Grade	11th Grade	12th Grade
		Library Aide	Library Aide Cadet Teaching Honors Mentoring Internship	Library Aide Cadet Teaching Honors Mentoring Internship EDU1040/1104 Ed Psych

LIBRARY AIDE

Grade: 10-12

Credit: 1

Prerequisite: Completion/Approval of application

The Student Library Aide Program allows students to gain real-world skills while promoting a positive attitude towards using the library and media center. As a student Library Aide, students will learn and be responsible for a variety of activities in the day-to-day functioning of the library and media center. These include: working the circulation desk; creating displays and bulletin boards; reading and recommending titles; promoting reading among peers; writing reviews; shelving materials; processing books; copying; delivering materials; assisting patrons; iPad assistance; training other students; and other duties as assigned.

CADET TEACHING

Grade: 11-12

Credit: 1

Prerequisite: Approval by cadet teaching supervisor, a 2.5 GPA with no failing grades, a good attendance record of 90% or better

Students will work with teachers in the elementary school by working with small groups, individual students, presenting lessons, etc. Students are required to keep a daily journal of cadet teaching activities to be submitted every Friday for grading. Cadets are encouraged to be active members in Future Teachers of America. Students wishing to meet A+ mentoring requirements can be assigned to this class. Students will not be assigned to cadet teach in a classroom where a parent is the supervising teacher. **ONLY ONE (1) CADET TEACHING HOUR MAY BE INCLUDED IN YOUR SCHEDULE.**

HONORS MENTORING

Grade: 11-12

Credit: 1

Prerequisite: Approval by mentoring supervisor, 3.5 GPA, 95% attendance record

Students will be assigned to a high school course where they will function as a tutor under the guidance of the classroom teacher. Students are required to keep a daily journal of honors mentoring activities to be submitted every Friday to the mentoring supervisor for grading. Students will not be assigned to mentor in a classroom where a parent/guardian is the supervising teacher. **ONLY ONE (1) HONORS MENTORING HOUR MAY BE INCLUDED IN YOUR SCHEDULE.**

EDU 1040/EDU 1104

Grade: 12

Credit: 1/2

Prerequisite: Must be enrolled in MS&T for dual enrollment and planning to attend college as an education major.

EDUC 1040 will be taught through *blended delivery at 9 a.m. on Tuesdays and Thursdays. EDUC 1104 gives you credit for observing/assisting in K-8 classrooms during the days you are not in EDUC 1040. You can also count this time toward your A+ Cadet Teaching hours.

EDU - Ed Psych

Grade: 12

Credit: ½

Prerequisite: EDU 1040/EDU 1104 - Must be enrolled in MS&T for dual enrollment and planning to attend college as an education major.

INTERNSHIP

Grade: 11-12

Credit: 1 Unit Per Hour

Prerequisite: Approval by Internship supervisor, 2.5 cumulative GPA, 90% or higher attendance record the previous semester.

Internship hours must be scheduled:

- 1st or 8th hour

OR

- 1st/2nd hour consecutively or 7th/8th hour consecutively

*During scheduled internship hours students should not be in attendance on campus.

The internship program will allow students to prepare for the world of work while earning elective credit. Students will learn 21st Century Skills for employment including Collaboration and teamwork, creativity and imagination, critical thinking, problem solving, flexibility and adaptability, social responsibility and ethics. Students will complete internships with the skills necessary to enter the workforce while building relationships with local employers.

Student Internship courses can be enrolled for a maximum of 2 class periods. Students who enroll for one class period will have to intern for a minimum of 5 hours a week, and students enrolled in two class periods will have to intern a minimum of 10 hours per week. Students should not be enrolled in another off-campus internship/work experience program such as AOE or BOE.

RTI/RTC PROGRAMS

1. Automotive Technology 1 & 2
2. Collision Repair 1 & 2
3. Construction Trades 1 & 2
4. Culinary Arts 1 & 2
5. Design Academy 1 & 2
6. Drafting & Design 1 & 2
7. Early Childhood Education
8. EMT
9. Fire & Rescue
10. Health Science 1 & 2
11. Heating, Ventilation, Air Conditioning, & Refrigeration (HVACR) 1 & 2
12. Information Technology 1 & 2
13. Masonry I & II
14. Project Lead the Way (includes Principles of Engineering, Introduction to Engineering Design, Aerospace Engineering, Digital Electronics, Civil Engineering & Architecture, Biomedical Sciences, & PLTW Lab)