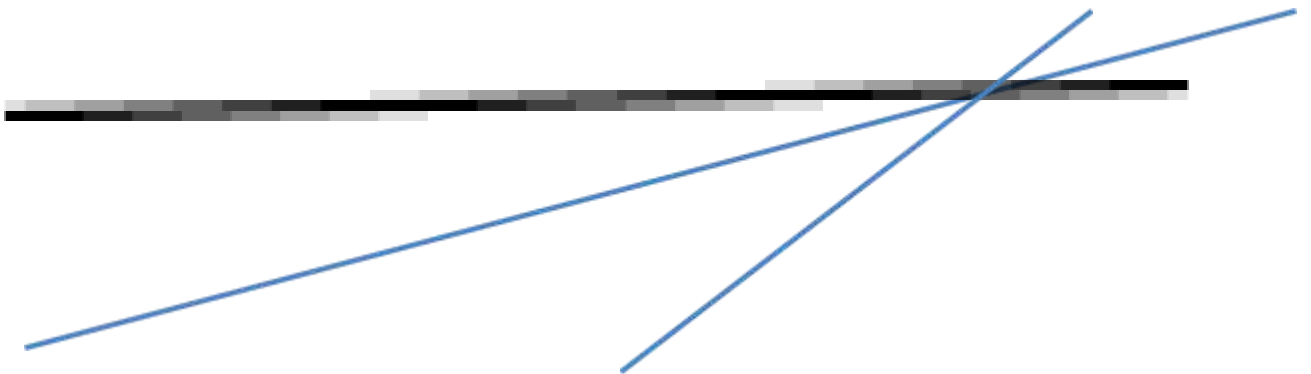


# FERGUS HIGH SCHOOL

## COURSE CATALOG



**2024 - 2025**

# Fergus High School Course Catalog

## 2024-2025



### ADMISSIONS

All registration for Lewistown Public Schools will happen at the Lincoln Building. A parent, legal guardian, or legal custodian will need to fill out an enrollment form(s) for each Household. All students in grades K-12 living in that household who plan to attend Lewistown Schools should be listed. Parents will need to bring a copy of their student(s) immunization records and birth certificate in order to register.

### ADMISSION OF OVER-AGE & NON-RESIDENT STUDENTS

Students who are 19 years or older at the time of enrollment (or who will be 19 before the start of school), or who are non-residents will be admitted on a discretionary basis as per the school district policy. **The District will not assign or admit any child who has reached his/her nineteenth (19th) birthday prior to September 10<sup>th</sup> of the year in which the child is to enroll.**

### ACADEMIC INTEGRITY

Cheating, whether inside or outside the classroom setting, is unethical and unacceptable. Faculty members are responsible for providing academic expectations. You are responsible for the honest response to these expectations. Students who share their work with others as well as those who misrepresent the work of others as their own, may be considered to be cheating.

In cases of cheating, appropriate disciplinary action will be taken. These guidelines will be followed.

1. Students cheating on tests or assignments will receive a zero for the test or assignment in question.
2. Parents of students who cheat will be notified by the teacher.
3. A discipline referral is to be filled out by the teacher and turned into the office. A copy will then be sent home.
4. National Honor Society members who are caught cheating are subject to the rules of the National Honor Society. The NHS advisor is to be notified of the offense by the teacher involved and the administration.
5. Additional consequences may result in loss of credit or removal from class and a possible suspension.

### CREDIT TRANSFER/ASSESSMENT FOR PLACEMENT

Requests for transfer of credit and/or grade placement from any non-accredited, non-public school shall be subject to examination and approval before being accepted by the Lewistown Public Schools in accordance with **Board Policies 2413 & 3110**. This shall be done by the school counselor and principal; or, in the case of home schools, by a credit evaluation committee. The committee will consist of a counselor, a staff member from each subject area in which credit is being requested, and the school principal. An official transcript or documentation must be submitted.

### ENROLLMENT REQUIREMENTS

**Freshman - Must be enrolled in 7 classes for credit per semester (6 if you qualify for study hall)**

1. Science
2. Math
3. English
4. PE/ Health
5. 2 electives and 1 study hall or 3 electives

**Total: 7 credit classes per semester (6 if you qualify for study hall)**

**Sophomores - Must be enrolled in 7 classes for credit per semester (6 if you qualify for study hall)**

1. Science
2. Math
3. English
4. World History
5. PE/Health
6. 1 elective and 1 study hall or 2 electives

**Total: 7 credit classes per semester (6 if you qualify for study hall)**

**Juniors - Must Have a Minimum of 6 Classes for credit per semester**

1. Science
2. Math
3. English
4. American History
5. Three elective classes - may have only one of the following:
  - a. Teacher Assistant
  - b. Vocational Work Experience (limited to one period)
  - c. Study Hall (not for credit)
6. Credit recovery classes do not count towards the minimum of 6 credits classes per semester

**Total 6 -7 credits**

**Seniors - Must Have a Minimum of 5 Classes for credit per semester**

1. English
2. US Government
3. At least three elective classes for credit.
  - a. Teachers' Assistant, Vocational Work Experience, Internship or Apprenticeship - Only one credit can count towards the 5 credit minimum
4. The 5 credit minimum per semester guidelines
  - a. Only applies to seniors who have earned 18 credits before the beginning of their senior year
  - b. Credit recovery classes do not count towards the minimum of 5 credits classes per semester

**Total 5 -7 credits**

**GRADING SCALE**

When evaluating the academic efforts of students, instructors will use the District's marking system listed below:

A 93-100	C 73-76
A - 90-92	C - 70-72
B+ 87-89	D+ 67-69
B 83-86	D 63-67
B- 80-82	D - 60-62
C+ 77-79	F 59 and Below

**Weighted Grades:**

The Lewistown School Board approved weighted grades for all Dual Enrollment and AP courses. Beginning with the Sophomore class in 2023-2024 the District implemented a system of awarding additional grade points referred to as "weighted grading" in designated high school courses. This system of grading will be incorporated in computing students' quarterly, semester and cumulative grade point averages. The following grading system will be used:

- A = 5 grade points, B = 4 grade points, C = 2.5 grade points, D = 1 grade point, F = 0 grade points

## GRADUATION REQUIREMENTS

Fergus High School students shall be expected to earn a total of twenty-two (22) credits in order to complete graduation requirements (**LPS Policy 2410P**). Special education students who have successfully completed their IEP leading to completion of high school will be awarded a diploma.

Students must also meet the credit requirements of the Montana State Board of Education.

In order to participate in the Fergus High School Graduation Ceremony, graduating seniors must complete the following requirements:

1. **Mathematics** - 3 credits One (1) credit may be a crossover credit (accounting or business math taken during junior or senior year) Math classes need to be taken consecutively cannot be taken concurrently.
2. **Science** - 3 credits One (1) credit may be a crossover credit (1 year of Anatomy & Physiology/Veterinary Science taken during junior or senior year = 1 crossover credit).
3. **Social Science** - 3 credits World History or AP World History - sophomores, American History - juniors, and US Government or AP Government - seniors
4. **English** - 4 credits
5. **Health Enhancement** - 2 credits (Required for Freshmen and Sophomores)
6. **Fine Arts** - 1 credit Band, Choir, Art or Drama
7. **Career and Technical Education** - 1 credit Agriculture, Business, Computers, or Family and Consumer Sciences. Personal Finance requirements as per state legislation will be included in select CTE courses.
8. **Additional Electives** - Complete 5 elective courses above the 17 required classes
9. **Personal Finance requirements** - .5 credits will be included in select CTE or other elective course offerings. (Required for all student graduating in 2026 and beyond)
10. A total of 22 credit hours earned .

### Additional Graduation Requirements

1. Each student must build their schedule around the 17 required courses at Fergus High School.
2. Each student shall have been in attendance in grades nine through twelve in an accredited junior and/or senior high school for no fewer than eight full semesters.

## DUAL CREDIT

Dual credit allows high school students to simultaneously earn credit toward both a high school diploma and college coursework that can lead to a post-secondary degree or certificate, or toward transfer to another college. The primary purpose of offering dual credit courses is to deliver high-quality, introductory, college level courses to high school students. Lewistown Public Schools have a dual credit partnership with the Montana University System. Students interested in dual credit opportunities must meet with their building administration to determine available options. Students should be aware of Montana High School Association's on-campus attendance eligibility requirements for activity participation. A request must be completed through the counseling center or with the specific dual credit teacher.

### Fergus High School Dual Credit/AP Courses

Dual Credit Courses			AP Courses	
Advanced American History	Henderson	MSU Northern	AP English Literature	Cirrincone
English 12	Cirrincone	MSU Northern	AP Calculus	Feller
Advanced English 11	Smith	MSU Northern	AP Chemistry	Nefzger
Advanced Math/Pre-Calculus	Feller	MSU Northern	AP Physics	DeCock

EMT Class	Heineke (CMMS)	MSU Great Falls	AP World History	Schelling
Child & Adolescent Development	Vincent	UM Western	AP Government	Brandon
Advanced Biology	Mangold	MSU Northern	AP Studio Art	Braulick

### **DROP/ADD PROCEDURES**

Student requests to drop and/or add classes will be considered at the beginning of each semester for five (5) days. Students in grades 9-10-11 must still be scheduled into 6 credited classes; students in grade 12 must be scheduled in at least 5 credited classes. Courses dropped within the first five weeks of the semester will not be reflected on a transcript. However, if a course is dropped after the fifth week, the transcript will reflect a “W/F” (withdrawal fail) and will impact the student’s GPA. Counselors are not permitted to add a class to a student’s schedule after the first full day of instruction without administrator’s approval.

### **FINAL EXAMS (SEMESTER TESTS)**

Students will take final exams in all classes both semesters. Exams, whether written or project based, will be taken during the scheduled time and date. A student who does not take a semester final exam because of illness or approved delay will be allowed to take a makeup exam within an approved timeframe. Failure to make up an exam within the designated time period will result in a zero (0) being recorded for the semester final exam. Final exams carry 10% weight in calculating final grade for the course. The testing schedule will be announced prior to testing times.

### **HiSET OPTION PROGRAM**

The Montana Office of Public Instruction has provided the HiSET Option Program as an additional means of meeting their requirements for a high school diploma. Fergus High School offered the HiSET Option Program to seniors starting in the spring of 2019. The following criteria must be met in order to qualify for this program:

1. No less than 11.5 credits and no more than 18.5 credits at the beginning of the second semester of senior year
2. Has not had a break in enrollment at Fergus High School
3. Has maintained a minimum of an 80% attendance rate this year
4. Has the student earned at least 3 credits of English (or is working toward that)?
5. Has the student earned at least 2 credits of Social Studies (or is working toward that)?
6. Is demonstrating a commitment to graduate

#### There are 5 sections of the HiSET Exam

1. Language Arts – Reading: 65 minutes, 60 questions
2. Language Arts – Writing: 120 minutes, 60 questions
3. Mathematics: 90 minutes, 55 questions
4. Science: 80 minutes, 60 questions
5. Social Studies: 70 minutes, 60 questions

#### A passing score for this round of testing for each section will be as follows:

6. Language Arts – Reading: a score of no less than 13
7. Language Arts – Writing: a score of no less than 13
8. Mathematics: a score of no less than 9
9. Science: a score of no less than 14
10. Social Studies: a score of no less than 14

## **HONORS CURRICULUM**

A student desiring to graduate with honors must meet all FHS graduation requirements as well as the following requirements:

1. Meet all College Prep requirements of the Montana University System
2. Complete four science classes (no crossover classes)
3. Complete four math classes (no crossover classes)
4. Complete two years of a foreign language
5. Complete two AP or two dual credit courses
  - a. An AP class (one) may be substituted by a major from the area of Career and Technical Education (CTE) or Performing Arts. In order for substitution of an AP class to take place a student must complete four years in one of the following areas: agriculture education, band, business, choir, family and consumer sciences, or Spanish.
  - b.
  - c. Substitution of an AP class is only allowed in academic areas that do not offer an AP option.
  - d. No crossover credits will be allowed. For example: a student must take four years of band; the substitution would not be allowed if he/she took two years of band and two years of choir.
  - e. Students may use independent courses as approved by the Academic Committee and Principal. Independent courses do not include credit recovery situations for failing grades.
  - f. To uphold the integrity of the Honor's Curriculum, a student must keep his/her grades in good standing and maintain a cumulative GPA of no less than 3.0.

## **HONOR PASS**

Juniors and Seniors who are on course to graduate in accordance with District standards and meet the criteria below may fill out a form to apply for an Honor Pass. All students are required to be enrolled in 7 periods; 5 solid classes and a combination of an honor pass, study hall, or teacher's aide. A Junior may have up to 1 Honor Pass and a Senior may have up to 2 Honor Passes.

Honor Passes will NOT be granted during periods 2 and 3. In order to qualify for an Honor pass, a student must meet the following criteria:

### **Juniors**

- Must have a 3.25 GPA from the prior semester
- Less than or equal to 3 tardies per class during prior semester
- Less than or equal to 5 total absences in any class per semester, medically verified, school related, office conference or college visit absences do not count towards the 5 days.
- No behavior referrals from the prior semester
- If any of these conditions are violated, Honor Pass privileges may be revoked
- Administrators will be responsible for any exceptions or alterations to the conditions outlined above.

### **Seniors**

- Must have a 3.25 GPA from prior semester to qualify for 1 Honor Pass
- Must have a 3.50 GPA from prior semester to qualify for 2 Honor Passes
- Less than or equal to 3 tardies per class during prior semester
- Less than or equal to 5 total absences in any class per semester, medically verified, school related, office conference or college visit absences do not count towards the 5 days.
- No behavior referrals from the prior semester
- If any of these conditions are violated, Honor Pass privileges may be revoked
- Administrators will be responsible for any exceptions or alterations to the conditions outlined above.

An Honor Pass is a privilege! At the end of any quarter grading period, a Junior or Senior holding an Honor Pass who is failing a class or not meeting a sufficiently high academic standard, may at the discretion of the administration, have their Honor Pass revoked. This student will be assigned to attend a scheduled study hall or

academic course and may reapply for an Honor Pass at the end of the semester. Any abuse of Honor Pass time (ex. - excessive tardies or absenteeism, handbook violations, missing assignments, etc.) will result in the loss of this privilege for the student. Students with an Honor Pass should not be loitering in the halls, the gym or the lobby. The student must leave campus or work in the library or with a teacher (if allowed). Students must apply for the Honor Pass privilege at the end of each semester. Forms may be picked up in the main office.

### **INCOMPLETES**

Occasionally, a student may not have completed class requirements at the end of a quarter. Students are responsible to make arrangements with teachers to complete all unfinished assignments. Unless principal permission is allowed for an extension, incompletes will be made up and the grade turned in to the office by the end of the second week following completion of the grading term.

### **MAKEUP WORK**

Makeup work for excused absences is counted at full value at a rate of two school days for the first day missed and one day for each missed day thereafter. Students wishing extensions on the time limit may request directly to the teacher. If the absence was prearranged, the student needs to inform their teachers prior to the absence. The principal will hear appeals if they are requested.

### **NCAA CLEARINGHOUSE ELIGIBILITY**

The NCAA Clearinghouse is an essential step in becoming eligible to play college sports. Over 180,000 potential college athletes register with the NCAA every year. Please go to the NCAA Eligibility Center website, [www.athleticscholarships.net/ncaa-clearinghouse](http://www.athleticscholarships.net/ncaa-clearinghouse), to find detailed information about eligibility requirements.

If you want to play NCAA college sports and receive a scholarship at the DI or DII level, you will need to register and be cleared by the NCAA. The Eligibility Center is the organization within the NCAA that determines the academic eligibility and amateur status for all NCAA DI and DII athletes.

While the specific [NCAA course requirements](#) vary slightly between Division 1 and Division 2, you must complete 16 core courses in order to earn NCAA academic eligibility and enroll at your school of choice. Be aware that 10 of the 16 core courses must be completed for NCAA academic eligibility before your seventh semester (senior year) of high school. There are no NCAA course requirements for Division 3 eligibility as you must simply meet the admissions standards for the institution you wish to attend to compete with full eligibility in accordance with the NCAA academic requirements.

#### **NCAA Division 1 core course requirements:**

- Four years of English
- Three years of math (Algebra 1 or higher)
- Two years of natural/physical science (including one year of lab science if your high school offers it)
- One additional year of English, math or natural/physical science
- Two years of social science
- Four additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy

#### **NCAA Division 2 core course requirements:**

- Three years of English
- Two years of math (Algebra 1 or higher)
- Two years of natural or physical science (including one years of lab science if your high school offers it)
- Three additional years of English, math or natural/physical science
- Two years of social science
- Four additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy

## ONLINE COURSES

Online courses taken through Montana Digital Academy or an approved program can be used for credit recovery or original credit under the approval of the administration. Online original credit opportunities will not be accepted if the course is offered in the Fergus High schedule. The district will cover the cost of each course, but students who fail the course will be charged. A parent/student contract will be required before starting a course.

## VALEDICTORIAN AND SALUTATORIAN SELECTION

1. Consideration Criteria for Selection:
  - a. Students considered must be in attendance the second semester of their junior year and both semesters of their senior year. (Special circumstances will be reviewed by the administration.) b. Students to be considered must complete the Honor's Curriculum.
2. Valedictorian or Salutatorian selections will be based on student grade point averages through the second semester of their senior year.
3. Should a tie between students occur with grade point averages, the following system will be used in making Valedictorian and Salutatorian selections:
  - a. Meet the Honor's Curriculum requirements
  - b. A combination of four AP/Dual credit classes, offered by Fergus High School Staff. Substitution will be allowed as listed in the Honor's Curriculum.
  - c. Received at least 26 credits
  - d. If each potential candidate meets the above criteria, a tie will be declared.
4. **If none of the Valedictorian and Salutatorian candidates meet the above criteria, an academic committee will be formed and the following criteria will be used to determine the selections.**

The number of credits earned from Advanced Placement/Dual Credit Courses

  - a. Total number of credits earned in core classes selected by the NCAA for eligibility purpose or as 3 approved by the committee
  - b. Quarter grade point averages earned in core classes selected by the NCAA for eligibility purposes, or as approved by the committee
5. Online/Correspondence Coursework – Maintain current level of correspondence course-work as specified in graduation requirements (1.5 credits are allowed starting with the Junior year)
6. Appeals of individual portions of these policies are to be addressed to the academic committee as a whole
7. If two or more students tie for Valedictorian, no Salutatorian will be recognized.

## WITHDRAWAL PROCEDURES

Students moving out of the district or dropping from school should withdraw from classes and activities unless special permission is obtained from the principal. FHS expects:

1. Parents come to the school to sign withdrawal papers.
2. Students start withdrawal procedures in the Principal's Office.
3. All books are to be cleared from the locker. All accounts and fines must also be cleared up.
4. Students take the withdrawal papers to all identified teachers and offices for signature, and return the papers to the Principal's Office.

## ZERO HOUR / AM COURSES

Because of the popularity of morning classes, students must have a history of successful attendance to their first period class and maintain 90% attendance throughout the semester. Zero hour courses count toward the minimum required number of courses.



### Fergus High School Graduation Planner

Grad requirement	Year	Course	Grade		Dual credit/AP	Honors requirement	Credits
	English		Sem. 1	Sem. 2			
1	Freshman					*	
2	Sophomore					*	
3	Junior					*	
4	Senior					*	
	Math		Sem. 1	Sem. 2			
1	Freshman					*	
2	Sophomore					*	
3	Junior					*	
	Senior					*	
	Science		Sem. 1	Sem. 2			
1	Freshman					*	
2	Sophomore					*	
3	Junior					*	
	Senior					*	
	Social Studies		Sem. 1	Sem. 2			
	Freshman						
1	Sophomore	World History					
2	Junior	American History					
3	Senior	US Government					

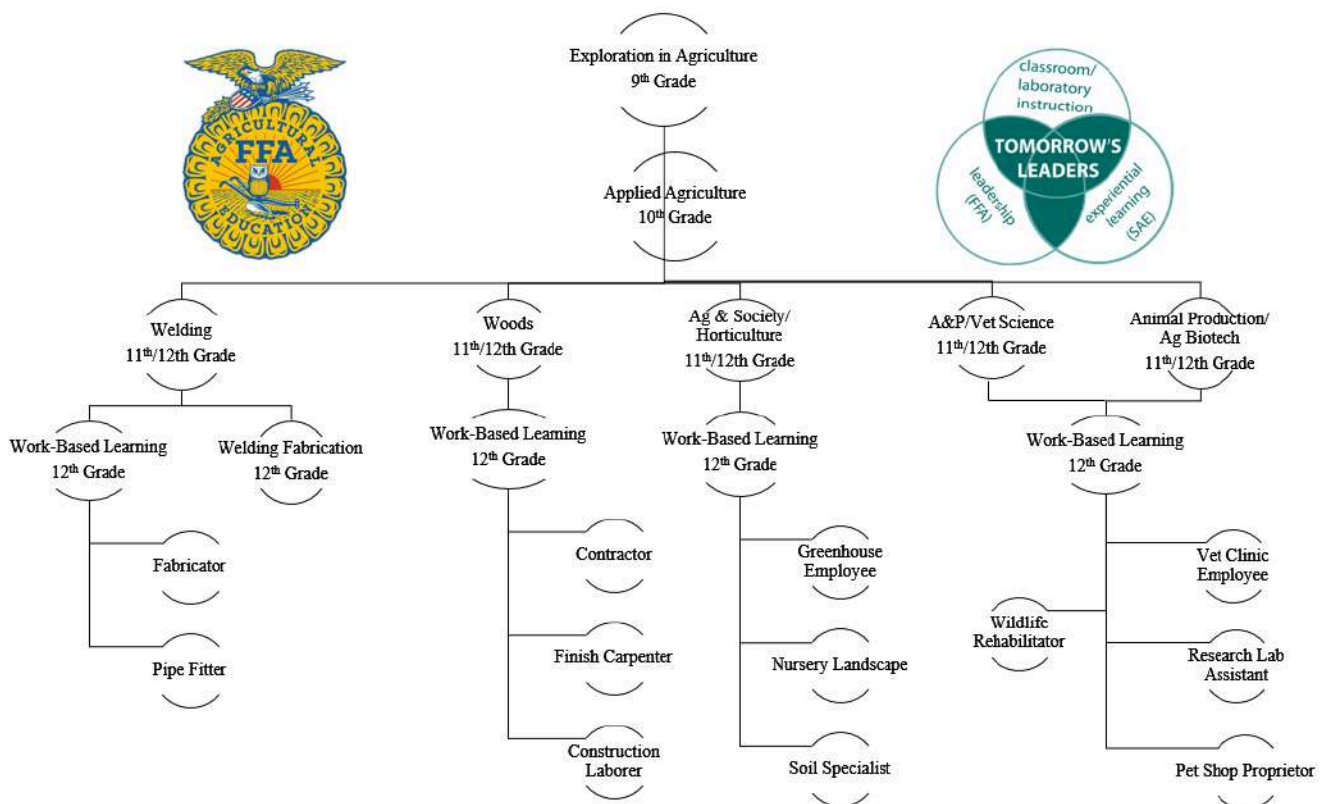
## Fergus High School Graduation Planner

Grad Requirement	Year	Course	Grade		Dual credit/AP	Honors requirement	credit
	Health/PE		Sem. 1	Sem. 2			
1	Freshman						
2	Sophomore						
	Fine Arts		Sem. 1	Sem.2			
1							
	CTE		Sem. 1	Sem. 2			
1							
	World Lang.		Sem. 1	Sem. 2			
						*	
						*	
	Electives		Sem. 1	Sem. 2			
1							
2							
3							
4							
5							

# AGRICULTURAL EDUCATION EDUCATION DEPARTMENT COURSE OFFERINGS 2024-2025



*\*National FFA requires students to have one semester of agriculture education per year, though an entire year is definitely preferred. All students enrolled in an Agriculture Education course have the opportunity to participate in FFA. FFA is a Career and Technical Student Organization that magnifies leadership development, career exploration, and reinforcement of academic concepts.*



### **AG 1113/1114 EXPLORATION IN AGRICULTURE**

Number of Credits: **Either 0.5 Science Credit or 1 Credit Elective**

Educator: Mr. Long

Length of Course: Year

Grade Levels: 9,10 (10th grade students who have not taken an Agricultural Education Course)

Prerequisites: None

Capped: 18

*Exploration in Agriculture course description:* ONLY FOR STUDENTS who are ready to dive into the exciting world of agriculture while sharpening your leadership skills and getting hands-on experience with wood and metalwork. In this dynamic course, 9th grade students will explore the vast realm of agriculture, from planting seeds to evaluating animals, and everything in between. But wait, there's more! You'll also have the opportunity, if you wish, to be a member of the Fergus FFA Chapter, where you'll network with like-minded peers and unlock incredible opportunities for personal and professional growth. But that's not all – get ready to roll up your sleeves and unleash your creativity in our woods and metals lab! Whether you're crafting intricate designs or building practical structures, you'll develop valuable skills that will serve you well beyond the classroom.

### **AG 2121 Domestic Animal Evaluation and Selection (S1)/AG 2122 -Meat Science and Technology (S2)**

Number of Credits: .5/ each course

Educator: Mr. Long

Length of Course: Semester

Grade Levels: 10, 11, 12

Prerequisites: Exploration in Agriculture or Teacher Approval

Capped: 18

*Domestic Animal Evaluation and Selection course description:* Dive deep into the art of live animal evaluation and assessment, and the fine craft of selecting the most economically efficient traits in cattle, pigs, sheep, goats, and horses! We will unlock your eye for quality and learn to distinguish between good and great, and uncover the qualities behind the highest quality livestock. Dive into immersive activities that put your skills to the test, from live animal assessments to real-world challenges. Whether you dream of showcasing champion livestock or simply want to deepen your understanding of animal excellence, this course is your gateway to success! From agricultural competitions to career pathways in animal science, this course sets the stage for a future filled with possibilities. But wait, there's more! You'll also have the opportunity, if you wish, to be a member of the Fergus FFA Chapter, where you'll network with like-minded peers and unlock incredible opportunities for personal and professional growth.

*Meat Science and Technology course description:* Get ready to tantalize your taste buds and discover the delectable secrets behind your favorite cuts of beef, pork, lamb, and poultry! In this cutting-edge course, you'll embark on an exciting journey through the meat industry, where you'll learn to identify retail meat cuts like a seasoned pro. From the tenderloin to the T-bone, you'll uncover the mysteries of meat selection, understanding quality and yield grades, and even how to place and evaluate beef carcasses for optimal flavor and tenderness. But this course isn't just about slicing and dicing—it's a hands-on exploration of the art and science behind every succulent bite. You'll uncover the reasons why certain cuts are prized for their marbling, texture, and taste, while others are better suited for slow cooking or grilling to perfection. But wait, there's more! You'll also have the opportunity, if you wish, to be a member of the Fergus FFA Chapter, where you'll network with like-minded peers and unlock incredible opportunities for personal and professional growth.

## **AG 3351 ANATOMY & PHYSIOLOGY S1/AG 3352 VET SCIENCE S2**

Number of Credits: 0.5/ each course

Educator: Mr. Long

Length of Course: Semester

Grade Levels: 10, 11, 12 (Preference given to students in 11, 12)

Prerequisites: Exploration in Agriculture or Teacher Approval

Capped: 18

*Anatomy & Physiology course description:* This course will be useful for learning more about animals in your care, or for working with them in both domestic and commercial capacities, this course will give you a solid foundation in animal biology and you will study vital systems and their health, anatomy, growth factors, and more. Anatomy and Physiology is excellent for students interested in working with animals, including ranchers, zoo and wildlife staff, pet shop proprietor or pet owner, vet assistants, wildlife rehabilitators, and more. By studying this course you will learn about the various physical components of animals including: cells and tissues, the digestive system, the circulatory system, the urinary system, the nervous system, respiration and reproduction, muscular and skeletal systems, growth and development.

*Vet Science course description:* This course will develop students' understanding of the small animal, companion animal industry and large domestic animal industries. Topics will include animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Students will learn veterinary terminology, pathology, handling and restraint, first-aid and physical examinations along with common surgical skills. Career exploration will focus on veterinarians, veterinary lab technicians, office lab assistants, small animal production, research lab assistant, and animal nutrition lab technician. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

## **AG 4451/4452 Welding Fabrication I/II**

Number of Credits: 1

Educator: Mr. Long

Length of Course: Year

Grade Levels: 12

Prerequisites: Welding or Teacher Signature

Capped:

*Course Description:* Project design and construction is the primary focus of this course. Welding Fabrication will emphasize the development of metalworking skills necessary to succeed in careers in the agricultural metal fabrication industry. Topics of instruction may include metal identification and properties, metal preparation, use of oxy-acetylene torch, plasma cutting and cutting operations, arc welding, MIG welding, TIG welding. Students will learn to lead groups and work in teams, exercise leadership abilities, and be able to demonstrate leadership in multicultural settings. Improving workplace and computer skills will be a focus.

## **AG 2311/2312 Woods I/II**

Number of Credits: 1

Educator: Mr. Turner

Length of Course: Year

Grade Levels: 10, 11, 12

Prerequisites: Exploration in Agriculture or Teacher Approval

Capped: 16

*Woods course description:* This is an introductory course designed to introduce students to general woodworking practices. Students will expand their knowledge and experience through various projects, lessons, and vocabulary. Students will be expected to learn about and safely use hand tools, power tools, and woodworking machinery. The second semester will be an introduction to the materials of construction and an overview of building construction

systems. Emphasis upon an understanding of materials and systems as a means to effective project construction. With their classmates students will create a cut list and BOM for a shed or other small agriculture structure to be built and then sold within the community.

### **AG 2251/2252 WELDING I/II**

Number of Credits: 1

Educator: Mr. Turner

Length of Course: Year

Grade Levels: 10, 11, 12 (Preference given to students in 11, 12)

Prerequisites: Exploration in Agriculture or Teacher Approval

Capped: 16

*Welding course description:* In this course students will be introduced to the various types of welding methods and equipment used. Students will learn about personal protection and safety while operating welding equipment. Students will also be introduced to two different types of thermal cutting using both plasma and oxy/fuel equipment and two different types of welding: shielded metal arc welding (SMAW) and metal inert gas (MIG) welding, along with definitions covering joining common metals, joint and weld classifications, welding positions, power source selection, and terminology. Also covered will be the many careers and positions that a successful welder may pursue and how to obtain a weld certification in the industry.

### **AG 3111 Leadership Development for Agriculture S1/AG 3112 AG Communication**

Number of Credits: 0.5 each course

Educator: Mr. Turner

Length of Course: Semester

Grade Levels: 10, 11, 12

Prerequisites: Exploration in Agriculture or Teacher Approval

Capped: 18

*Leadership Development for Agriculture course description:* Step into the forefront of agricultural innovation as we empower the next generation of agricultural leaders, this course offers a transformative journey blending traditional farming practices with cutting-edge leadership strategies. Uncover the secrets to success in the agricultural industry by mastering essential skills in human relationships and effective communication. Learn how to foster meaningful connections with peers, mentors, and industry professionals, while honing your ability to articulate ideas and inspire others. Explore diverse leadership qualities and styles, discovering what sets exceptional leaders apart in the field of agriculture. Through interactive exercises and real-world case studies, you'll identify your unique leadership strengths and learn how to leverage them for maximum impact. But wait, there's more! You'll also have the opportunity, if you wish, to be a member of the Fergus FFA Chapter, where you'll network with like-minded peers and unlock incredible opportunities for personal and professional growth.

*Ag Communication course description:* Are you passionate about agriculture and eager to amplify your voice in the modern world? Join us for an electrifying journey that merges the timeless principles of journalism, communication, and broadcasting with the cutting-edge realm of agricultural information. From field to screen, you'll explore the entire spectrum of content creation, from development to production to transmission, gaining hands-on experience every step of the way. Unleash your creativity as you learn to harness the latest digital tools and platforms to spread awareness, spark dialogue, and drive change in the agricultural landscape. Whether you dream of hosting your own podcast, producing captivating videos, or crafting engaging articles, this course equips you with the skills and confidence to make your mark. But wait, there's more! You'll also have the opportunity, if you wish, to be a member of the Fergus FFA Chapter, where you'll network with like-minded peers and unlock incredible opportunities for personal and professional growth.

**AG 2119/2120 Natural Resource Management**

Number of Credits: 1

Educator: Mr. Turner

Length of Course: Year

Grade Levels: 10, 11, 12

Prerequisites: Exploration in Agriculture or Teacher Approval

Capped: 18

*Natural Resource Management course description:* Jump into the captivating world of Natural Resource Management, where you'll uncover the secrets of ecology, conservation, and the art of sustainable living. In this cutting-edge course, you'll learn the skills needed to become stewards of the planet, focusing on the efficient use and preservation of precious resources like land, water, wildlife, and forests. Through dynamic hands-on activities, engaging discussions, and thrilling field trips, you'll discover how to strike the perfect balance between human needs and environmental preservation. From hunting and fishing preserves to wildlife sanctuaries, we'll explore the diverse landscapes that make our planet so unique. You'll gain insights into wildlife preservation techniques and discover the importance of responsible outdoor recreation for both humans and nature alike. But wait, there's more! You'll also have the opportunity, if you wish, to be a member of the Fergus FFA Chapter, where you'll network with like-minded peers and unlock incredible opportunities for personal and professional growth.

**AG 3119 Forest Land Management S1/AG 3120 Sustainable Food Production S2**

Number of Credits: 0.5 each course

Educator: Mr. Turner

Length of Course: Semester

Prerequisites: Exploration in Agriculture or Teacher Approval

Grade Levels: 10, 11, 12

Capped: 18

*Forest Land Management course description:* Step into the realm of forest management with our captivating course as we journey through lush woodlands and towering timberlands. Become a steward of nature as you delve into the art of forest management, learning the essentials of regeneration, reforestation, and sustainable practices for maintaining healthy forests. Arm yourself against the forces of nature as you tackle pest control strategies, safeguarding our forests against invasive species and harmful pests threatening their vitality. Navigate the forest's labyrinth with precision as you master the skills of mapping and surveying, unlocking the secrets hidden within its verdant expanse. But wait, there's more! You'll also have the opportunity, if you wish, to be a member of the Fergus FFA Chapter, where you'll network with like-minded peers and unlock incredible opportunities for personal and professional growth.

*Sustainable Food Production course description:* Embark on a journey where agriculture meets innovation in a dynamic course that dives into the heart of modern farming practices that blend cutting-edge technology with age-old wisdom to cultivate a better world. Trace the journey of food from seed to plate, unraveling the intricacies of sustainable food production, distribution, and consumption. Delve into the vibrant world of horticulture and plant science, learning how to nurture diverse ecosystems and green spaces in your community. But wait, there's more! You'll also have the opportunity, if you wish, to be a member of the Fergus FFA Chapter, where you'll network with like-minded peers and unlock incredible opportunities for personal and professional growth.

**AG 3411 Practical Applications in Agriculture Tech. and Mechanical Systems (S1)/ AG 3912 AG Structures and Equipment (S2)**

Number of Credits: .5/each course

Educator: Mr. Turner

Length of Course: Semester

Grade Levels: 10, 11, 12

Prerequisites: Exploration in Agriculture or Teacher Approval

Capped:16

*Ag Structures and Equipment course description:* Join us for an electrifying journey where you'll explore the dynamic intersection of wood, metal, planning, design, fabrication, construction, and agricultural equipment in the realm of agriculture. This isn't your typical classroom experience - get ready to roll up your sleeves and dive headfirst into hands-on projects that will ignite your creativity and spark your innovation! Cultivate your planning and design skills as you blueprint and strategize innovative solutions to real-world farming challenges. Master the art of transforming raw materials like wood and metal into state-of-the-art agricultural machinery and structures. Dive into the world of agricultural equipment and machinery, exploring how to maintain, repair, and optimize these essential tools for modern agriculture. But wait, there's more! You'll also have the opportunity, if you wish, to be a member of the Fergus FFA Chapter, where you'll network with like-minded peers and unlock incredible opportunities for personal and professional growth.

*Practical Applications in Agriculture Technology and Mechanical Systems course description:* Are you prepared to venture into the dynamic realm of Agriculture Mechanics and Technology Systems? In this exhilarating course, we'll delve into the fundamental components that drive modern agricultural practices. From mastering electrical systems to tinkering with small gas engines, and even deciphering the intricacies of plumbing systems, this hands-on adventure will spark your enthusiasm for agricultural technology like never before. Unleash your ingenuity as you learn to troubleshoot, repair, and optimize the very systems that sustain agriculture. Whether you aspire to revolutionize sustainable agriculture or simply aim to become the go-to expert for fixing farm tech, this course is your gateway to boundless opportunities in the ever-evolving world of Agri-Tech. But wait, there's more! You'll also have the opportunity, if you wish, to be a member of the Fergus FFA Chapter, where you'll network with like-minded peers and unlock incredible opportunities for personal and professional growth.



# **ART**

## **EDUCATION DEPARTMENT COURSE OFFERINGS**

### **2024-2025**

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#### **ART 1111/1112 Art 1 (S1/S2)**

Number of credits: 1

Length of course: 1 Year

Grade Levels: 9, 10, 11, 12

Prerequisite: None

Capped: 15

This is an introductory course in art that focuses on fundamental drawing skills. This class will teach the learner how to use both traditional and nontraditional art tools and materials. Major units of study and instruction will cover but are not limited to: drawing still-life, landscape, linear perspective, animals and the human form. Art appreciation, history, careers, and basic design will also be addressed. Realism will be stressed and expected on many assignments and projects as a final product format. While drawing will be the main focus in the majority of the work assigned, areas of sculpture, printmaking, painting and more such as the use of sketchbooks will be incorporated.

#### **ART 2211/2212 Art 2 (S1/S2)**

Number of credits: 1

Length of course: 1 Year

Grade Levels: 10, 11, 12

Prerequisite: B or better in Art 1

Capped: 15

This second year art class builds upon skills learned in Art I by exploring painting and design. The learner will attain a deeper understanding of color theory, composition and design, as well as the usage of tools and materials in the areas of still life, animals, landscape, and the human form. The effective use of various types of paint such as tempera, watercolor, acrylic and oil paints as well as design elements and principles will be stressed. Besides further experience of working realistically, abstract styles of art production will be explored. While painting will be the main focus in the majority of the work assigned, areas in sculpture such as hand building and wheel work with clay, block printing, paper-making and marbling, calligraphy, cartooning, art careers, history, art appreciation, and more will be taught. Areas of design include architecture, advertising, and package design. These new and higher level art skills enable students to formulate a personal style and preference in his/her art experience.

#### **ART 3371/3372 Studio Art (S1/S2)**

Number of credits: 1

Length of course: 1 Year

Grade Levels: 11, 12

Prerequisite: A in Art II and instructor approval

Capped: 15

This third year art class builds upon skills learned in both Art I and Art II, as well as takes an in-depth look at the areas of printmaking from the past to modern day. This includes basic block printing, collograph, lithography, silkscreen, monoprinting, all the way up to photography. Students will learn extensive printing techniques, how to operate 35MM film cameras, develop black and white film and prints using darkroom equipment, print their own t-shirt designs, create work in stained glass, additional clay and sculpture work, and more. They will also be introduced to electronic media, such as digital photography and computer generated design, as well as learning the history behind these arts and focus on what career paths are available to them. The student fosters and builds on

his/her art experience by continuing to formulate a style and area of strength that he/she might pursue beyond high school. Time will be allotted for independent study to facilitate this goal as well as blocks of teacher-designed projects to hone technical skills and to introduce new areas of study. Students have the option of creating art for the Advanced Placement portfolio at this level. Students will also gain experience through art appreciation, regular art critiques, possible field trips, and presentations.

**ART 4471/4472 A.P Studio Art (S1/S2)**

Number of credits: 1

Length of course: 1 Year

Grade Levels: 12

Prerequisite: A in Studio Art and instructor approval

Capped: 15

This course is equivalent to that of an entry level art class in college. Students who are extremely passionate and have a desire to pursue art on their own or an art related field after high school are perfectly suited for this class. Requirements will include building both an actual and digital portfolio. The amount of work required can range anywhere from twenty pieces of art on up. It is a program of teacher designed assignments and lessons as well as independent study projects jointly agreed upon by the instructor and student. Work created will follow the course framework and exam requirements laid out by the AP CollegeBoard. The opportunity to pursue the Advanced Placement portfolio can begin in this class, but it is recommended that work be started within the Studio Art or third year class. Grading requirements will be at the highest level, stressing artistic quality and originality. The ultimate goal of this class is to give art majors/minors an opportunity to hone their artistic skills in preparation for college. Areas previously addressed in Art I, Art II, and Studio Art will be used to refine the students' technical skills. In conjunction with building a portfolio, there will be weekly critiques and students will be expected to consider all areas of presenting and preserving work. This includes matting work for art shows, writing an artist statement, creating an artist resume and gallery cards, as well as self-promotion/participation for an end of the year solo or group art show.



Capped: 15

19

## **BUS 2111/ 2112-1 INTRO TO COMPUTER SCIENCE I/II**

Number of Credits: 1

Grade Level 10, 11, 12

Length of course: 1 Year

Prerequisite: Teacher recommendation for Freshman

Capped: 15

*Course Description:* Have you ever wondered how to create your own song on the computer or make a personal ringtone for your phone? Have you ever seen an awesome personal website that someone has created and wondered how they accomplished it? This course is designed to offer an introduction to computer science and answer these questions and more. Students will learn the basics of computer programming along with the basics of computer science. The material emphasizes computational thinking and helps develop the ability to solve complex problems. This course covers the basic building blocks of programming along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares students for further study in computer science, including AP Computer Science Principles and AP Computer Science courses. The course allows students to work independently in text-based Python. The course also includes a career focus, where at the end of units, students meet (via videos) individuals from different industries who work in coding (medical, music, etc.).

## **CTE 3511/3512 ANNUAL I/II**

Number of credits: 1

Grade Level 9, 10, 11, 12

Length of course: 1 Year

Prerequisite: None

Capped: 20

*Course Description:*

Are you the one who is always taking pictures and trying to capture a moment with friends and family? Are you good with a camera or would like to learn? This is the class for you! Students will have on-the-job experience in producing a published book and in running a small business. Students will have the opportunity to learn and practice all parts of publication production, marketing and sales. These skills will include book marketing, sales and advertising techniques, headline and caption writing, photography, use of Adobe Photoshop and eDesign and the use of publication computer software. Production deadlines are strictly adhered to.

## **BUS 2011 PERSONAL LAW**

## **BUS 2012 PERSONAL FINANCE**

Number of credits: 1

Grade Level: 9, 10, 11, 12

Length of course: 1 Year

Prerequisite: None

Capped: 20

*Personal Law Course Description:* This course introduces the student to street law or the practical laws used in everyday life (on the streets). Every purchase, lease, contract, marriage, divorce, crime or traffic violation places the citizen face-to-face with the law. This course is designed to provide you with an understanding of your legal rights and responsibilities, a knowledge of everyday legal problems, and the ability to analyze, evaluate, and in some situations, resolve legal disputes. We bring in many current legal encounters that are going on both in the business world as well as those items in the news. Topics covered will include a brief history of the law, our court systems, crimes, criminal law, defenses, investigation phases, trials, tort law, negligence, strict liability, contracts, warranties, credit, deceptive sales practices, being a smart consumer, housing, family laws, Constitutional laws, discrimination, and workplace rights and responsibilities.

*Personal Finance Course Description:* Have you ever asked yourself what do I have to do to become a millionaire? With questions like that, and a strong determination to save and invest your money, that might just be one of the questions this course could help you answer. This course will cover lifelong financial skills needed to help students succeed in life. The course is broken into four sections: Financial Responsibility and Decision Making; Income

and Careers; Spending, Credit, Savings and Investing. We will also participate in a live investing simulation in the stock market. Come learn how to manage your money and make educated financial decisions that will affect all aspects of your life.

### **BUS 3231/3232 BUSINESS MATH**

Number of credits: 1

Grade Level: 10, 11, 12

Length of course: 1 Year

Prerequisite: **Minimum of two math credits with one being at least Pre-Algebra or teacher recommendation.**

Capped: 20

This course is the Math that adults use everyday. The student will develop basic computational and problem-solving skills essential for high school mathematics. Topics will range from the operations with whole numbers, fractions and decimals, to areas of math such as geometry, measurement, statistics, probability, elementary algebra, budgeting, banking, and insurance. Everyday Math Examples: How many cans of paint do I need to paint a room? How much will it cost to replace the carpeting in a room? (Can only be a cross over credit in fulfilling math requirements if taken as a Junior or Senior.)

# EDUCATION/OFFICE AIDE/MEDIA ARTS

## EDUCATION DEPARTMENT COURSE OFFERINGS

### 2024-2025

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#### **EL 2411/2412 Office Aide (S1/S2)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 11, 12

Prerequisite: Minimum GPA of 2.5

Capped:

Office aide positions are available for those students who are interested in gaining credit for experiences working in the high school office. Students will be expected to learn and perform needed skills with this experience. Other goals include improving their individual responsibility, as well as people and organizational skills. Students will work one period each day and be expected to report to the office on time ready to work. Each aide will continue to meet attendance requirements and follow the direction of the secretaries and counselors. This experience is graded on a pass/fail basis and will not apply to the student's overall GPA. Students may earn more than one credit as an office aide but preference is given to those that have not earned previous aiding credit.

#### **EL 3511/3512 Teacher Aide (S1/S2)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 11, 12

Prerequisite: Minimum GPA of 2.5

Capped:

Teacher aide positions are available for those students who are interested in gaining credit for experiences working with a teacher in a classroom. Students will be expected to learn and perform needed skills with this experience. Other goals include improving their individual responsibility, as well as people and organizational skills. Students will work one period each day and be expected to report to their respective places on time ready to work. Each aide will continue to meet attendance requirements and follow the direction of their supervising teacher. Students may only receive one credit of overall TA experience. It is graded on a pass/fail basis and grades earned will not apply to the student's overall GPA.

#### **EL 4311/4312 Work Experience (S1/S2)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 11, 12

Prerequisite: Junior or Senior class standing with a minimum of five classroom assignments

Capped:

Workplace Experience is a program between the school and cooperative employers encouraging student development of work habits and work-related skills. Students must find and maintain employment at an approved job site and must work an average of 10 to 12 hours per week. Students must have employment with a local business and will not be allowed to work for a family member. Each student may be released from school for up to one period per day if needed paperwork and classroom responsibilities have been taken care of properly. Students are required to attend several semi-regular (in-school) classroom presentations. Hours and performance will be monitored on a regular basis. This experience is graded on a pass/fail basis and will not apply to the student's overall GPA.

# ENGLISH EDUCATION DEPARTMENT COURSE OFFERINGS 2024-2025



	Placement Year 1	Placement Year 2	Placement Year 3	Placement Year 4	APPROXIMATE MAP READING SCORE RANGES
MAP Reading 186-202	1. English 100	1. English 100 2. English 200	1. Basic English 2. English 200 3. English 300 4. Standard English 9 5. Standard English 10	1. Basic English 2. English 400 (career track) 3. Standard English 12 (college track)	<b>English 100</b> 186-202
MAP Reading 201-214	1. English 200	1. English 200 2. English 300	1. Basic English 2. English 300 3. Standard English 9 4. Standard English 10	1. Basic English 2. English 400 (career track) 3. Standard English 12 (college track)	<b>English 200</b> 201-214
MAP Reading 213-220	1. English 300 2. Standard English 9	1. English 300 2. Standard English 9 3. Standard English 10	1. Basic English 2. Standard 10 3. Standard 11	1. English 400 (career track) 2. Standard English 12 (college track)	<b>English 300</b> 213-220
MAP Reading >218	1. Standard English 9 2. Advanced English 9	1. Standard English 10 2. Advanced English 10	1. Standard English 11 2. Advanced English 11	1. Standard English 12 2. AP English	<b>English 400</b> NA
MAP Reading >224	1. Advanced English 9	1. Advanced English 10	1. Advanced English 11	1. AP English	<b>Standard English</b> >218
					<b>Adv. &amp; AP English</b> > 224
					<b>NOTE</b> Class placement is determined by a combination of MAP reading score, English target skill proficiency, and soft skill proficiency.

## ENG 1121/1122 English 100 (S1/S2)

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 9, 10

Prerequisite: Freshman class standing and student must qualify

Capped:

Students in this course will develop skills in the following areas: vocabulary, spelling, sentence structure and grammar, reading and comprehension, identifying forms of literature, understanding the values and elements of literature, interpreting literature, recognizing and producing different kinds of writing, developing editing and revising skills, proofreading, library usage, research skills, cooperative learning, and class participation.

**ENG 1111/1112 English 09 (S1/S2)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 9

Prerequisite: Freshman class standing and student must qualify?

Capped:

Students will develop skills in the following areas: reading and comprehension, identifying forms of literature, understanding the values and elements of literature, interpreting literature, appreciating literary communication in the work of peers and professional authors, recognizing literature as an artistic expression, and recognizing and producing different kinds of writing. Additional skills will include proofreading, vocabulary and spelling, sentence structure and grammar, library usage, research skills, media influence and analysis, cooperative learning, and class participation.

**ENG 1161/1162 Adv. English 09 (S1/S2)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 9, 10

Prerequisite: Freshman class standing and student must qualify by teacher recommendation

Capped:

This one-year course will continue to develop students' skills in reading, writing, speaking and listening, and research. Students will have the opportunity to experiment with various types of writing, including reflective writing, journals, expository writing, poetry, and persuasive writing. Students will learn to improve their writing skills in each genre through correct grammar and usage, expanded vocabulary, clarity of thesis, and proper organization. Students will be required to express themselves through class discussions, multi-media projects, and classroom presentations. While reading and writing will be the primary focus of instruction, students will also develop proficiency in a set of target learning skills/behaviors linked to advanced academic achievement.

**ENG 2221/2222 English 200 (S1/S2)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 10

Prerequisite: placement per teacher recommendation

Capped:

Students will learn basic literary terms; develop basic knowledge of genres of literature; identify literary techniques, gain proficiency in writing paragraphs, essays, description, narration, research and persuasion; and develop vocabulary, grammar, proofreading, and speaking skills.

**ENG 2111/2112 English 10 (S1/S2)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 10

Prerequisite: English 9 or equivalent course

Capped:

Students will learn basic literary terms; develop basic knowledge of genres of literature; identify literary techniques, gain proficiency in writing paragraphs, essays, description, narration, research and persuasion; and develop vocabulary, grammar, proofreading, and speaking skills.



**ENG 2161/2162 Adv. English 10 (S1S2)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 10

Prerequisite: Advanced English 9 is recommended, but not a prerequisite

Capped:

Advanced English 10 provides an opportunity for sophomores to challenge themselves in the realms of reading, writing, speaking, discussing, and listening. The curriculum will be similar to that of English 10 with more stringent requirements and higher expectations than that of the regular sophomore classes. At times, the students will be challenged with a modified curriculum involving more difficult readings, more extensive writing and speaking assignments, and higher expectations in regards to maturity and responsibility for learning.

**ENG 3321/3322 English 300 (S1/S2)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 10, 11

Prerequisite: English 10 or English 200 and placement per teacher recommendation

Capped:

Students will identify and define terms which relate to American literature, identify tools writers use, perceive differences in the genres of literature, express ideas about the literature through discussion and analytical composition, increase understanding of the structure of language, increase vocabulary, become more familiar with America's greatest authors and write compositions, essays, poems, and opinions relating to the study of literature. Students will write a research paper with documentation. Grammar and proofreading skills will be emphasized through writing.

**ENG 3111/3112 English 11 (S1/S2)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 11

Prerequisite: English 10

Capped:

Students will identify and define terms which relate to American literature, identify tools writers use, perceive differences in the genres of literature, express ideas about the literature through discussion and analytical composition, increase understanding of the structure of language, increase vocabulary, become more familiar with America's greatest authors and write compositions, essays, poems, and opinions relating to the study of literature. Students will write a research paper with documentation. Grammar and proofreading skills will be emphasized through writing.

**ENG 3361/3362 Adv. English 11 (S1/2)**

Number of credits: .5

Length of course: Semester

Grade Levels: 11

Prerequisite: Advanced English 9 and Advanced English 10 are recommended as prerequisites, but students who have not been enrolled in these classes will be considered for enrollment based on the criteria for Advanced English 10 (GPA, MAP scores, teacher recommendation).

Capped:

This course is taught as a college course. Students will develop comprehension of movements of trends and movements in literature as they reflect contemporary and traditional values, culture, and literary

techniques. Novels and selections will be chosen based on literary merit and will represent a cross-section of differing literary time periods and world views. Students will develop oral and written communication skills. Students will develop library usage and research skills by writing a full-length research paper with documentation. The goal is for the students to position themselves to take the A.P. English exam. Enrollment limits apply and students must maintain a B Average.

**ENG 4421/4422 English 400 (S1/S2)**

Number of credits: .5

Length of course: Semester

Grade Levels: 12

Prerequisite: English 11 or English 300 and placement per teacher recommendation

Capped:

For one semester, students will develop the full essay form by utilizing descriptive, expository and persuasive writing styles. Students will also advance proofreading skills, refine individual styles of written expression, increase vocabulary development, enhance library usage, and augment research skills by writing a full-length research paper with documentation. In another semester, students will develop literary appreciation and interpretation as they apply to a thematic structure.

**ENG 4111/4112 English 12 (S1/S2)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 12

Prerequisite: English 11

Capped:

For one semester, students will develop the full essay form by utilizing descriptive, expository and persuasive writing styles. Students will also advance proofreading skills, refine individual styles of written expression, increase vocabulary development, enhance library usage, and augment research skills by writing a full-length research paper with documentation. In another semester, students will develop literary appreciation and interpretation as they apply to a thematic structure.

**ENG 4371/4372 AP English 12 (S1/S2)**

Number of credits: .5

Length of course: Semester

Grade Levels: 12

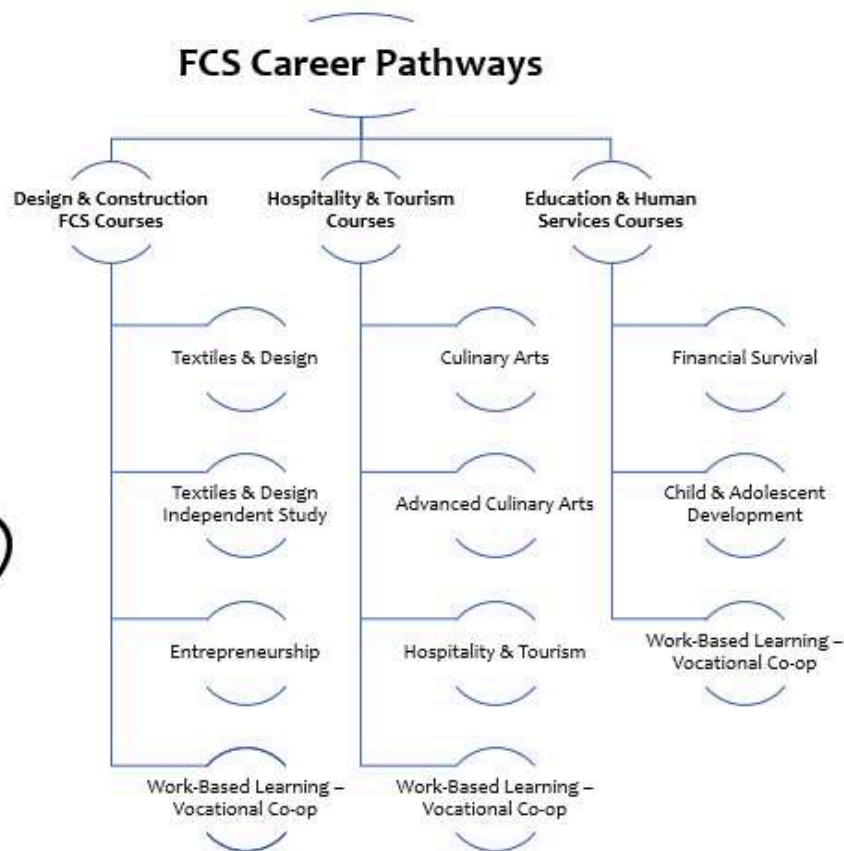
Prerequisite: B in Adv. English 11, 24 English PLAN/ACT and teacher approval

Capped:

AP English Literature and Composition serves as the senior honors English course and provides the option to take the AP exam. Students in AP are strongly encouraged to take the AP Literature exam in May. High scores on the exam often transfer to a college literature course credit. The class is meant to challenge students at the college level, requiring deep critical and literary analysis and writing. The course focuses primarily on fiction texts ranging from short stories and novels to poetry and plays. Students will also work with literary criticism that challenges them to see multiple perspectives on a text and complete a literary research paper. Students are encouraged and expected to grow past conventional analytical and writing skills to advanced, original, and engaging communications with the given texts.

Course Overview from the College Board: “AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works.”

# FAMILY AND CONSUMER SCIENCES EDUCATION DEPARTMENT COURSE OFFERINGS 2024-2025



Family & Consumer Sciences (FCS) Education's Vision is to empower youth to manage the challenges of living and working in our society.

Beginning with life literacy education: education to enhance the ability to make informed decisions about their lives. Youth then learn how the same knowledge and skills are foundational to the people centered careers. Many agree this is vitally important to the education of our youth today as living healthy lives is key to community vitality, and people centered careers are vital to meeting the needs of human beings.

Family & Consumer Sciences Education's Mission is to prepare students for family life, work life and developing the foundational skill set of the high skill, high need people-centered careers through Family & Consumer Sciences pathways:

- Design and Construction-FCS (e.g., Interior Design, Fashion Design/Consulting, Entrepreneur)
- Education and Training (e.g., pre-K through post-secondary educator, School Counselor, Worksite Trainer)
- Hospitality & Tourism (e.g., Event Planner, Tourism Director, Chef, Entrepreneur)
- Human Services (e.g., Childcare, Social Work, Family Advocate, Credit Counselor, Nutritionist, Geriatric Program Manager)

## **CULINARY ARTS FCS 2411/2412**

Number of Credits: 1.0

Length of Course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: None

Capped: 18

*Culinary Arts Course Description:* Gain foundational cooking skills to help you be confident in the home kitchen or help you start your journey into the culinary profession! This course focuses on essential food preparation, kitchen and food safety, and nutrition and healthy eating. Topics to be covered in the first semester may include kitchen safety, food safety & sanitation, knife skills, kitchen math, kitchen equipment, nutrition, careers, consumerism, and more. The first semester final is a competition - Cupcake Wars! Second semester dives into flavors and seasonings, food plating, ramen, mother sauces, charcuterie, cheese tasting, cooking methods and more. The second semester final is a "Chopped" competition. The entire course focuses on project based learning, lab situations, individual and cooperative group work. Culinary Arts is the first course in FHS's Certified ProStart Program, a School-to-Career program.

## **ADVANCED CULINARY ARTS FCS 3531/3532**

Number of Credits: 1

Length of Course: Year

Grade Levels: 10, 11, 12

Prerequisite: C or better in Culinary Arts

Capped: 15

*Advanced Culinary Arts Course Description:* This course is a continuation for students who have completed Culinary Arts, and it is a Certified ProStart Program, a School-to-Career program. It is an exciting nationwide program developed by the National Restaurant Association that prepares students for careers as restaurant and food service professionals. This course introduces students to food service concepts not found in more traditional programs with an emphasis on culinary lab time and self-guided project based learning. Students are given a platform to discover new interests and talents for fulfilling careers in Hospitality and Tourism Career Pathways as well as complete the ServSafe Food Handlers Certification. Students will be invited to compete in State Culinary & Restaurant Management Competitions. **This course may be repeated for a second year of ProStart with instructor permission.**

## **HOSPITALITY & TOURISM FCS 2151 / ENTREPRENEURSHIP FCS 2152**

Number of Credits: 0.5 per semester

Length of Course: Semester

Grade Levels: 10, 11, 12

Prerequisite: None; priority for juniors & seniors

Capped: 20

*Hospitality & Tourism Course Description:* Be introduced to Montana's second largest industry, Hospitality & Tourism. The course will include an overview of the structure and scope of the travel/tourism and hospitality industries encompassing the management, marketing, and operations of restaurants and other food services, lodging, attractions, recreational events and travel related services as well as an overview of the historic perspectives of globalization, tourism, and the hospitality sectors. A section of the course is devoted to Montana's tourism environment.

*Entrepreneurship Course Description:* Learn how to think and act as an entrepreneur! The class will focus on student centered project based learning to develop creative talents into entrepreneurial opportunities using an interdisciplinary approach through the Empowered Curriculum. Empowered teaches free enterprise fundamentals through hands-on experiences. It encourages students like yourselves to start their own business and enhance their business skills for future career opportunities. Students engage critical thinking skills as they iterate business models to launch a one-day pop-up business, and explore how freedom, individual responsibility, property rights, entrepreneurial thinking, and free markets contribute to moral, intellectual, and economic development. **This course meets the state graduation requirement (SY 2025-2026) for a Financial Literacy course.**

## **TEXTILES & DESIGN FCS 2711/2712**

Number of Credits: 1.0

Length of Course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: None

Capped: 18

*Textiles & Design Course Description:* Take this opportunity to learn about the elements and principles of design as it relates to fashion, clothing and textiles and how our clothing choices impact behavior, mood, society, the environment, and more. Discover and analyze textile fibers and fabrics while expressing your creativity through design and textile construction projects and experiments. In the second semester, students will experience more in-depth hands-on projects in the textile and design industries including fast fashion & sustainability, outdoor product design and development, technology, local manufacturing, repurposing, career exploration and more. This class splits its time about half and half between design projects and sewing projects.

## **TEXTILES & DESIGN INDEPENDENT STUDY (NEW) FCS 2713/2714**

*\*Offered simultaneously with Textiles & Design*

Number of Credits: 1.0

Length of Course: Year

Grade Levels: 10, 11, 12

Prerequisite: C or better in Textiles & Design; instructor approval

Capped: 2

*Textiles & Design Independent Study Course Description:* Students who excel in the construction projects in Textiles & Design and are self-starters will be considered for this course. Students will design and implement their own textile sewing project each quarter. Students will use the planning process to decide their project, provide their own materials, and work independently to complete one project each quarter.

## **FINANCIAL SURVIVAL (NEW) FCS 2221 / CHILD & ADOLESCENT DEVELOPMENT (Formerly Early Childhood Education) FCS 2222**

Number of Credits: 0.5 per semester

Dual Credit: 4 credit option for Child & Adolescent Development semester

Length of Course: Semester

Grade Levels: 10, 11, 12

Prerequisite: None; priority for juniors & seniors

Capped: 20

*Financial Survival Course Description:* Learn how to ‘adult’ with money to survive and thrive in the 21st century! Students will dive into the real world of money, including jobs and paychecks, budgeting, managing a checking account, managing credit & debt, avoiding common financial mistakes, saving for the future, investing for retirement, purchasing insurance for their most valuable assets and more. This course utilizes engaging simulations and projects, so students can practice the skills needed to manage their personal finances throughout life. **This course meets the state graduation requirement (SY 2025-2026) for a Financial Literacy course.**

*Child & Adolescent Development Course Description:* Students will gain a basic developmental foundation of child and adolescent growth and development. Well-being, parenting, families and theorists will be studied first. Then, each area of development will be discussed through the PIES lenses - physical, intellectual, emotional, and social. Students will examine research, theories, issues, developmental stages and the application of these in relationship to the child from conception through adolescence. Students will use a variety of instruments to observe and interact with individual children as a way of integrating theory and practice. This course is ideal for students considering the education field or human services careers. **Optional: This course may be completed for dual credit; 4 credits with UM-Western for EDEC 247 Child & Adolescent Growth & Development; which can be applied toward most education degrees including elementary and secondary education.**

**WORK-BASED LEARNING/VOCATIONAL CO-OP FCS CAREER PATHWAYS (NEW) FCS 4101/4102**

Number of Credits: 1.0

Length of Course: Year

Grade Levels: 12

Prerequisite: 1.0 credits or more in one of the FCS Career Pathways; instructor approval

Capped: 15

*Work-Based Learning/Vocational Co-OP FCS Career Pathways Description:* Students who have completed 1 or more credits in an FCS Career Pathway (Design & Construction FCS, Hospitality & Tourism, Education/Human Services) can seek out coordinated learning experiences through Cooperative Work-based Learning within the local community. This can be volunteer or paid activities. Students will meet with the FCS teacher one time per week during Advisory to check progress and evaluate the industry experience to the previous content learned.



# **HEALTH AND PHYSICAL EDUCATION EDUCATION DEPARTMENT COURSE OFFERINGS 2024-2025**

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## **HE 1110 Health 09**

Number of credits: 1  
Length of course: Year  
Grade Levels: 9  
Prerequisite: None  
Capped:

Students in Health 9 will gain knowledge in AIDS, sexually transmitted diseases, human development, harassment/intimidation, substance abuse, and stress management. Additionally students will work on developing interpersonal communication skills and coping skills.

## **HE 1210 Physical Education 09**

Number of credits: 1  
Length of course: Year  
Grade Levels: 9  
Prerequisite: None  
Capped:

Students will participate in and demonstrate skills needed in competitive and non-competitive games and activities. The student will develop strength, endurance, agility, coordination, teamwork, and competitive spirit (team play, game strategy, play for pleasure, conditioning).

## **HE 2311/2312 Health/Physical Education 10 (S1/2)**

Number of credits: .5 per Semester  
Length of course: Year  
Grade Levels: 10  
Prerequisite: Health 9 and Physical Education 9  
Capped:

Students will participate in and demonstrate skills needed in competitive and non-competitive games and activities. The student will develop strength, endurance, agility, coordination, teamwork, and competitive spirit (team play, game strategy, play for pleasure, conditioning). The students will also work in the following health areas: nutrition, drug and alcohol awareness and decision-making, weight maintenance, AIDS, and wellness.

## **HE 2411/2411 Weight Training 10-12 M (S1/S2)**

Number of credits: .5 per Semester  
Length of course: Year  
Grade Levels: 10, 11, 12  
Prerequisite: Health 9 and Physical Education 9  
Capped:

This class will be offered as a replacement for regular Health/Physical Education 10. The class will be skill and performance oriented, not activity oriented. The purpose of this class is to meet the needs and movements of our athletes in and out of season, and for our students who are interested in developing and maintaining flexibility, agility, strength, and endurance. The students will also work in the following health areas: nutrition, drug and alcohol awareness and decision-making, weight maintenance, AIDS, and wellness.

**HE 2511/2512 Weight Training 10-12 F (S1/2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 10, 11, 12

Prerequisite: Health 9 and Physical Education 9

Capped:

This class will be offered as a replacement for regular Health/Physical Education 10. The class will be skill and performance oriented, not activity oriented. The purpose of this class is to meet the needs and movements of our athletes in and out of season, and for our students who are interested in developing and maintaining flexibility, agility, strength, and endurance. The students will also work in the following health areas: nutrition, drug and alcohol awareness and decision-making, weight maintenance, AIDS, and wellness.

**HE 3811/3812 Weight Training AM (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 11, 12

Prerequisite: Health/Physical Education 10 or Health/Physical Education Conditioning 10 with physical exam required (junior class standing and athletes are the priority)

Capped:

Weight training is a zero period elective class, which places its emphasis on physical conditioning and strength training. This is accomplished with the use of free weights, weight machines, and plyometrics. The purpose of this class is to meet the needs and movements of our athletes in and out of season, and for our students who are interested in developing and maintaining flexibility, agility, strength, and endurance. The student shall gain an understanding of various forms of strength training and how they differ, the purpose of each lift and use the correct lifting form with emphasis on safety tips.



# HEALTH SCIENCE EDUCATION DEPARTMENT COURSE OFFERINGS 2024-2025

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## **CTE 4411/4412 EMT Training (S1/S2)**

Number of credits: .5 per semester  
Length of course: Year long  
Grade Levels: 12  
Prerequisite: Requires Application  
Capped:

This course will prepare students for their EMT certification. Certification exam will be given upon successful completion of this course. Requires time outside school hours to complete the necessary hours of practical experience. Requires Application

## **CTE 2113/2114 CNA Training (S1/S2)**

Number of credits: .5  
Length of course: Semester  
Grade Levels: 10, 11, 12  
Prerequisite: Requires Application  
Capped:

CNAs in Montana are credentialed by the Montana Department of Health and Human Services (DPHHS). In order to be certified, nurse aides must pass a state competency evaluation and successfully perform all expected nurse aide duties in a training or employment capacity.

# MATHEMATICS

## EDUCATION DEPARTMENT COURSE OFFERINGS

### 2024-2025



Math class placement based on MAP scores

Title - less than 200

Pre-Algebra - 200-225

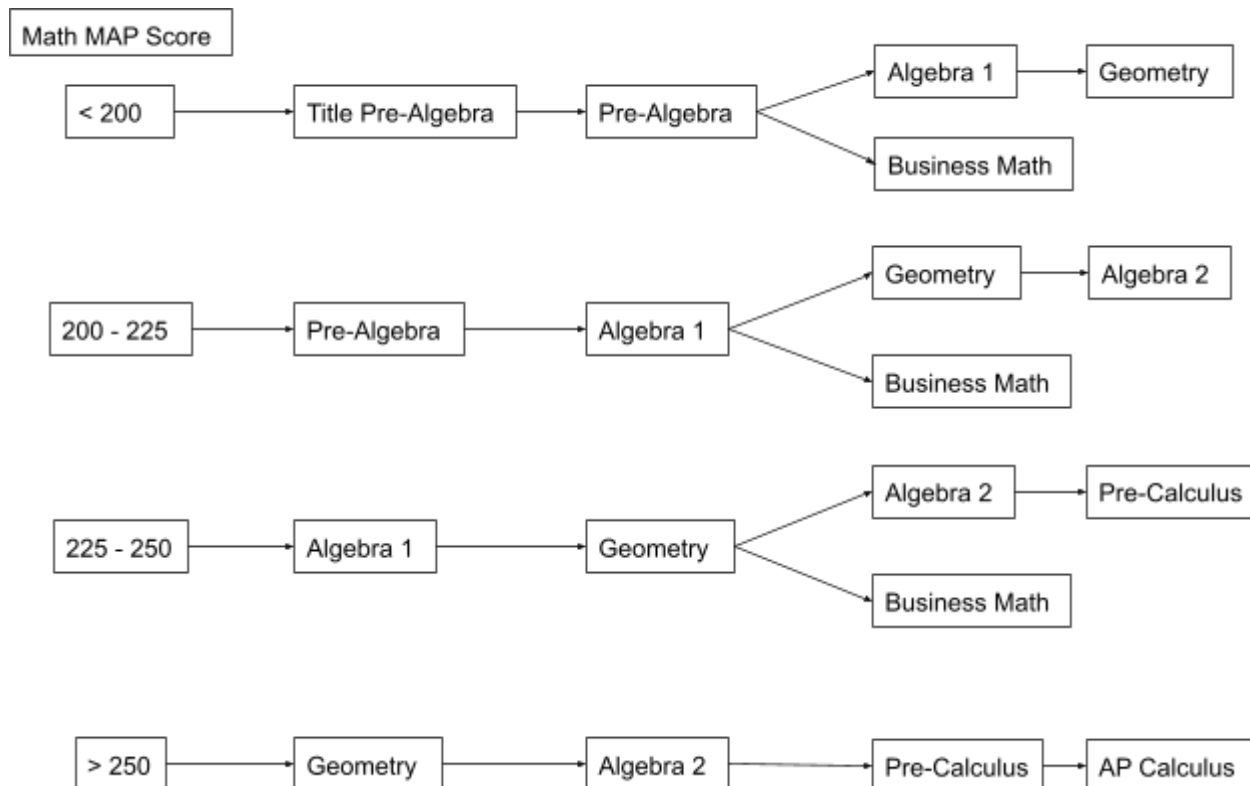
Algebra 1 - 225 - 250

Geometry - greater than 250

Flow chart of math courses

Refer to the Special Ed department for any student below Title Pre-Algebra.

Math classes need to be taken consecutively and cannot be taken concurrently.



**MA 1111/1112 Pre-Algebra (S1/2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9

Prerequisite: Title I Pre-Algebra or MAP Score between 200-225

Capped:

**MA 1121/1222 Title I Pre-Algebra (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher recommendation and MAP score lower than 200. 8<sup>th</sup> grade math or general math.

Capped:

Students must qualify If available the students will develop skills such as working with variables, solving equations, using positive and negative numbers, formulas, working with polynomials, factoring, graphs, maintaining skills with fractions, decimals, and percents. They will develop problem solving skills, which can be transferred to algebra and other math classes in the future. The goal of the class is to have students move into Algebra I after completion.

**MA 1211/1212 Algebra I 09 (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9

Prerequisite: Pre-Algebra or MAP Score between 225-250

Capped:

Students will develop skills in operations with real numbers, simplifying algebraic expressions, solving equations and inequalities in one variable, operations with sets, solving systems of equations in two variables, graphing, solving word problems, operations with polynomials and radicals, solving the quadratic equation and solving equations with absolute.

**MA 2211/2212 Algebra I (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Pre-Algebra or MAP Score between 225-240

Capped:

Students will develop skills in operations with real numbers, simplifying algebraic expressions, solving equations and inequalities in one variable, operations with sets, solving systems of equations in two variables, graphing, solving word problems, operations with polynomials and radicals, solving the quadratic equation and solving equations with absolute.

**MA 2311/2312 Geometry (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Algebra and a MAP score 239-254

Capped:

Students will cover problem solving; lines, angles, planes and space; triangles and congruence; logic and proofs (direct and indirect); parallels; area and the Pythagorean theorem; similarity; circles and spheres; area and volume

**MA 3411/3412 Algebra II/Trigonometry (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 11, 12

Prerequisite: Geometry or MAP score greater than 255

Capped:

The student will develop math skills in Algebra II by working with real numbers, solving equations and inequalities, functions, relations, and graphs, solving systems of equations, polynomials, factoring, rational expressions and equations, exponents, complex numbers, quadratic equations, conic sections, exponential and logarithmic functions, matrices and determinants, and trig functions. The student will also develop problem solving, critical, and creative skills.

**MA 3561/3562 Adv. Math/Pre-Calculus (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 11, 12

Prerequisite: Algebra II/Trigonometry

Capped:

Students will develop mathematical skills in algebra of real numbers, vectors, complex numbers, circular functions and trigonometry. Students will use graphing calculators and other technologies to learn whys of mathematical relationships and develop mathematical reasoning abilities. Students will be required to obtain a TI-83 calculator (or higher level) for use in the class.

**MA 4671/4672 AP Calculus (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 12

Prerequisite: Adv. Math/Pre-Calculus, 3.67 accumulated Math GPS, 24 Math ACT and teacher approval.

Capped:

Calculus is the mathematics of motion and change where there is motion or growth, where variable forces are at work producing acceleration. The student will develop mathematical skills in functions, limits, continuity, the derivative, applications of the derivative, the definite integral with applications. This class will cover material much more rapidly than High School Calculus and the goal of this class is for all students to take the A. P. Calculus exam. Use of graphing calculators and other technologies are integrated throughout the course and student will be required to obtain a TI-83 calculator (or higher level) for use in the class.

**MA Math App (S1/S2) - Not Offered this year-**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 11, 12

Prerequisite: Algebra II. This class is designed for students coming out of Algebra II that have struggled but would like to take another year of math

Capped:

Students will develop mathematical skills in algebra of real numbers, vectors, complex numbers, circular functions and trigonometry. Students will use graphing calculators and other technologies to learn whys of mathematical relationships and develop mathematical reasoning abilities. Students will be required to obtain a TI-83 calculator (or higher level) for use in the class.

# **MUSIC**

## **EDUCATION DEPARTMENT COURSE OFFERINGS**

### **2024-2025**

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#### **MUS 1111/1112 Concert Choir (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Freshman or higher class standing

Capped: No Cap

Concert Choir is open to all students of Fergus High School. This is a class designed to develop musicianship, singing skills and to deepen the love, understanding and appreciation of music in the novice singer. It will also prepare them for the other music ensembles at Fergus High. Sight singing and music theory are components of the course as well as the development of vocal technique. Literature of all styles are performed with sight reading and fundamental musicianship skills being the primary focus. Students will perform in a concert each quarter as well as participate in the spring MHSA District 8 Music Festival.

#### **MUS 1311/1312 Concert Band (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9,

Prerequisite: 7<sup>th</sup> or 8<sup>th</sup> grade band or teacher permission

Capped: No Cap

Concert Band is an introductory level performing ensemble where students will develop skills in large ensemble playing by exploring traditional and contemporary band literature. Previous instrumental experience is highly recommended. A student with no prior instrumental experience may join if they commit the first semester to personal practice/private lessons on their chosen instrument. All members of the Concert Band will perform with the marching and pep band as well as participate in scheduled concerts and festivals, including MHSA District 8 Music Festival.

#### **MUS 1611/1612 Jazz Band (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Freshman or higher class standing

Capped: No more than the noted instrumentation below + 1 alternate per section

Jazz Band is a zero period course that is open to all students who are currently enrolled in any performing ensemble at Fergus High School. Instrumentation typically follows the standard big band format: five saxophones, five trumpets, five trombones, and jazz rhythm instruments (piano, guitar, bass, and drums). If an excessive number of players show an interest in one particular instrument, auditions may be held to maintain instrumentation integrity. Rehearsals will concentrate on stylistic playing, including swing, Latin, rock, and funk with an emphasis on improvisation and improving general musicianship. The band will perform at all major concerts and festivals. Auditions may be held if interest exceeds available positions.

**MUS 1711/1712 Percussion Ensemble (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Freshman or higher class standing

Capped:

Student members will develop skills in all aspects of percussion technique, including snare rudiments, mallet playing, marching battery, and concert percussion. This ensemble will function as a marching drum-line for football and basketball games, a concert percussion section for the Concert and Symphonic Bands, and will perform independently as a percussion ensemble at scheduled concerts and festivals, including MHSA District 8 Music Festival. Previous instrumental experience is required, and non-percussion students interested will be decided on a case-by-case basis. Auditions may be held if interest exceeds available positions.

**MUS 1011/1012 SApphire Choir (S1/S2)**

Length of Class: Year                      Grade Level(s): 9, 10, 11, 12

Credit: .5 per Semester

Length of course: Year

Prerequisite(s): This ensemble is by audition/directors approval only.

Capped: 16 students, 4 per SSAA section.

This singing ensemble is a fast-paced, advanced, and fun treble choir. Members will find new and rewarding challenges in choral singing plus develop advanced singing techniques. This group will perform music from a wide variety of genres at all major concerts and festivals. Membership is by audition/instructor approval only. Audition will include: a voice placement examination and demonstration of sight singing and pitch-matching skills. The SApphire Choir will perform at scheduled concerts and will participate in local (MHSA District 8 Music Festival in the spring) and out of town festivals including the bi-annual SSAA Festival in Bozeman.

**MUS 2211/2212 Symphonic Choir (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Successful Audition demonstrating sight-reading skills and matching pitch with the instructor.

Capped: 24-40 students, 6-10 per SATB voices in balanced sections.

The Symphonic Choir is the highest level mixed vocal ensemble at Fergus High School and has a proud tradition of excellence. Students in Symphonic Choir develop and master vocal technique and sight singing skills learned previously in Concert Choir and in 8th Grade Choir. The Symphonic Choir will perform at scheduled concerts and will participate in local (MHSA District 8 Music Festival in the spring) and out of town festivals. This group learns and performs music of varying styles and degrees of difficulty with traditional SATB voicing. Symphonic Choir members are auditioned using all-state audition materials and short sight singing components.

**MUS 2411/2412 Symphonic Band (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 10, 11, 12

Prerequisite: Concert Band and instructor approval

Capped:

The Symphonic Band is Fergus High School's premier performing ensemble. Its membership is made up of sophomores, juniors and seniors who will perform traditional and contemporary band literature at scheduled concerts and will participate in local and out of town festivals, including MHSA District 8 Music Festival. Freshman may audition after the completion of their first semester of Concert Band. All symphonic band members will also perform with the marching and pep band.

# **SPECIAL EDUCATION DEPARTMENT COURSE OFFERINGS 2024-2025**

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Students must qualify, many offerings provided for special education students are selected on an as needed basis in conjunction with testing and Individual Education Plans (IEPs). The IEP teams will determine placement; students must qualify for special education services. Possible classes offered depend on student needs.

## **RES 002/003 Basic Life Skills (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher Placement

Capped:

The focus of Basic Life Skills is to teach functional skills in academics, daily living, vocational, social studies, recreation/leisure and community participation for students of all ages, at their individual ability levels.

## **RES 0061/0062 General Math 1 (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher Placement

Capped:

This is a resource level course where students may cover addition, subtraction, estimation, problem solving, and possibly fractions. This course centers around real life situations using math, such as counting money, budgets, income, telling time, and more.

## **RES 0063/0064 General Math 2 (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher Placement

Capped:

This is a resource level course where students may cover addition, subtraction, estimation, multiplication, division, problem solving, and possibly fractions. This course centers around real life situations using math, such as counting money, budgets, income, telling time, and more.

## **RES 0065/0066 General Math 3 (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher Placement

Capped:

This is a resource level course where students may cover addition, subtraction, estimation, multiplication, division, problem solving, and possibly fractions. This course centers around real life situations using math, such as counting money, budgets, income, telling time, and more with a financial component.

**RES 0069/0070 General Math 4 (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher Placement

Capped:

This is a resource level course where students may cover addition, subtraction, estimation, multiplication, division, problem solving, and fractions. This course centers around real life financial situations using math, such as credit cards, budgets, income, checking accounts, and more.

**RES 0083/0084 General Horticulture (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher Placement

Capped:

A special education class that focuses on horticulture science in a variety ways. It is a hands-on class that teaches many job skills along with being responsible for planting, tending, and growing plants.

**RES 0121/0122 Study Skills (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher Placement

Capped:

A resource tutorial setting where students learn study and organizational skills as well as receive assistance on academics. This assistance is typically provided in a small group resource room setting one period per day.

**RES 0151/0152 General Science (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher Placement

Capped:

Students use appropriate text and reading level for General Science. Lessons and assignments are developed according to the needs of the students. The student will be exposed to the scientific method, integrated learnings from all science areas and current scientific happenings.

**FUNCTIONAL HISTORY (this could be added to the Life Skills, or a separate class)**

This is designed for students who will enter the workplace upon completion of high school. Students will acquire a basic understanding of geography, history, political history, US Constitution, environmental issues, and map reading skills. Enrollment in this class is based on a student's IEP team decision that this class is appropriate. The curricular focus is based on the student's individual needs (accommodations/modifications and identified goals) agreed to by the IEP team.



### **RES 1131/1132 General English 1**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher Placement

Capped:

English 1 is a class consisting of specialized instruction that provides students an opportunity to develop basic skills in 1) reading, 2) writing, 3) speaking and 4) listening and study organizational skills. Students will connect both reading and writing to their everyday lives.

The curricular focus is based on the student's individual needs (accommodations/modifications and identified goals) agreed to by the IEP team.

### **RES 1233/1234 General English 2**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher Placement

Capped:

English 2 is a class consisting of specialized instruction that is designed for students that need to strengthen basic reading skills because of difficulties with phonemic awareness, single word decoding, spelling, writing, and literal comprehension. Focus will be in those areas with a structured, sequential approach to each of the skill areas. Students will be exposed to a variety of vocabulary, literature and authors. Students will learn how to answer and write a response to literature. In addition, students will be given guidance and opportunities to navigate the library and online resources to support their academic success. Students will be assessed using decoding and fluency probes and reading comprehension probes.

The curricular focus is based on the student's individual needs (accommodations/modifications and identified goals) agreed to by the IEP team.

### **RES 1331/1332 General English 3**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher Placement

Capped:

English 3 is a class consisting of specialized instruction that is designed for students who are learning to apply higher order comprehension strategies to text, expand creativity and depth to well-written paragraphs and essays and who are learning to apply advanced spelling rules. Students will be exposed to a variety of literature and genres, both fiction and nonfiction. Students will expand on their ability to write a response to literature. Students will be given additional opportunities to navigate the library and online resources to support their academic success. Students will be assessed using reading comprehension probes and through writing.

The curricular focus is based on the student's individual needs (accommodations/modifications and identified goals) agreed to by the IEP team.

**RES 1434/1435 General English 4**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher Placement

Capped:

English 4 is a class consisting of specialized academic instruction, focused on the principles of language: reading, writing, listening, speaking and language. Students read novels, selections from novels, short stories, poems and real world documents like articles and news stories to increase their reading comprehension, vocabulary development, and word analysis skills with an emphasis on using words in context. Students write a well-structured multi-paragraph essay (introduction, body paragraphs, conclusion) by creating and using graphic organizers for essay development. Students will develop skills to evaluate and edit their essays.

Enrollment in this class is based on a student's IEP team decision that this class is appropriate. The curricular focus is based on the student's individual needs (accommodations/modifications and identified goals) agreed to by the IEP team.

**RES 0291/0292 Job Readiness**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher Placement

Capped:

Students will explore career clusters, research the labor market, and begin the employment process through job searching, applications, resumes, interviews, employee evaluations and job-survival skills. (1) Research job clusters; (2) Plan a career path; (3) Find job opportunities; (4) Complete job applications and resumes. (5) Prepare and participate in interviews. (5) work experience at a local business.

Enrollment in this class is based on a student's IEP team decision that this class is appropriate. The curricular focus is based on the student's individual needs (accommodations/modifications and identified goals) agreed to by the IEP team.

**SH 0121/0122 Check and Connect:**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Teacher Placement

Capped:

This class is designed to focus on life skill success through daily hygiene routines, social skills practice, daily schedule discussions, calendar information, and reviewing student behavior tracking and communication with families.

# SCIENCE

## EDUCATION DEPARTMENT COURSE OFFERINGS

### 2024-2025



#### HIGH SCHOOL SCIENCE DEPARTMENT COURSE OUTLINE

- Students must earn 3 science credits to reach graduation requirements.
- 1 year of Anatomy & Physiology/Vet. Science also counts towards the 3 science credits required for graduation from Fergus High School.

INCOMING MAPS SCORES (& Teacher Recommendation)		FRESHMAN Course Options
<b>MATH: &lt; 225</b> Pre-Algebra or Lower	<b>ENGLISH: 186 - 214</b> English 300 or Lower	<ol style="list-style-type: none"> <li>1. Life Skills Science/General Science</li> <li>2. Integrated Science</li> <li>3. Title Earth Science</li> </ol>
<b>MATH: 225 - 240</b> Pre-Algebra or Algebra	<b>ENGLISH: 213 - 218</b> English 300 or Eng. 9	<ul style="list-style-type: none"> <li>• Earth Science</li> </ul>
<b>MATH: &gt;239</b> Algebra or Geometry	<b>ENGLISH: &gt;218</b> English 9 or Adv. English 9	<ul style="list-style-type: none"> <li>• Earth Science &amp; Applied Science Engineering</li> <li>• Earth Science &amp; Biology</li> </ul>

Completed Freshman Course(s)	SOPHOMORE Course Options
<ol style="list-style-type: none"> <li>1. Life Skills/Gen. Science</li> <li>2. Integrated Science</li> <li>3. Title Earth Science</li> </ol>	<ol style="list-style-type: none"> <li>4. General Science/Integrated Science</li> <li>5. Title Earth Science</li> <li>6. Title Biology</li> </ol>
Earth Science	Students have the option to take <b>two</b> courses: <ul style="list-style-type: none"> <li>• Biology *must be attempted/completed by Sophomore year</li> <li>• Chemistry</li> <li>• Applied Science Engineering (ASE)</li> </ul>
ES & ASE ES & Biology	Students can take <b>one</b> or <b>two</b> of the following courses: <ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• Applied Science Engineering</li> </ul>

Completed Sophomore Course(s)	JUNIOR Course Options
1. Gen.Science/Int. Science 2. Title Earth Science 3. Title Biology	7. Integrated Science/Title Earth Science 8. Title Biology 9. Applied Science Engineering
Biology	Students can take <b>one</b> or <b>two</b> of the following courses: <ul style="list-style-type: none"> <li>• Chemistry</li> <li>• Applied Science Engineering</li> <li>• Dual Credit Biology</li> </ul>
Biology Chemistry ASE	Students can take <b>one</b> or <b>two</b> of the following courses: <ul style="list-style-type: none"> <li>• Dual Credit Biology</li> <li>• AP Chemistry</li> <li>• AP Physics 1</li> </ul>

Completed Course(s)	SENIOR Course Options
Chemistry ASE Dual Credit BIO AP Chemistry AP Physics 1	Students can take <b>one</b> or <b>two</b> of the following courses: <ul style="list-style-type: none"> <li>• Applied Science Engineering</li> <li>• Chemistry</li> <li>• AP Chemistry</li> <li>• AP Physics 1</li> <li>• Dual Credit Biology</li> </ul>

AP/DUAL CREDIT COURSE	PREREQUISITE
DUAL CREDIT BIOLOGY	Biology & Chemistry Teacher Recommendation
AP CHEMISTRY	Chemistry Teacher Recommendation
AP PHYSICS 1	Earth Science & Algebra II/Trig. Teacher Recommendation

**SCI 0021/0022 Integrated Science (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11

Prerequisite: Teacher placement; Pre-Algebra or lower (MAP score of 210 or lower); English?? (MAP score of???)

Capped:

The specific content of Integrated Science will draw upon the principles of several scientific specialties: earth science, physical science, biology, and STEM. Each quarter will focus on one content area. The goal of this course is to prepare students for a Title Earth Science or Title Biology course.

**SCI 1111/1112 Earth Science (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10

Prerequisite: Freshman/Sophomore class standing; at least Pre-Algebra or Algebra 1 (MAP score of 210-260)

Capped:

The student will develop the Earth Science skills of knowledge of the earth's crust, processes of weathering and erosion, geological features caused by diastrophism, and knowledge of the Earth's past. Students will also study astronomy, meteorology, and oceanography. The student will demonstrate knowledge of laboratory safety techniques as described during the various laboratory activities.

**SCI 1121/1122 Title I Earth Science (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11

Prerequisite: Typical Freshman or Sophomore, but Junior or Senior class standing upon teacher approval; Integrated Science; Pre-Algebra or MAP score of 210 or lower

Capped:

Students will develop the Earth Science skills of knowledge of the earth's crust, processes of weathering and erosion, geological features caused by diastrophism, and knowledge of the Earth's past. Students will also study astronomy, meteorology, and oceanography. The student will demonstrate knowledge of laboratory safety techniques as described during the various laboratory activities.

**SCI 2211/2212 Biology (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Earth Science, freshman may qualify with selection process (Geometry and/or MAP score of 245 or higher)

Capped:

Students will understand the scientific method, safety techniques in all lab experiences, relationships between organic compounds and living organisms, basic principles of cytology, principles of reproduction, basic anatomy, physiology, taxonomy of the six kingdoms, basic ecological relationships, and current scientific happenings. The student will demonstrate knowledge of laboratory safety techniques as described during the various laboratory activities.

**SCI 2221/2222 Title I Biology (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Title I Earth Science

Capped:

Students will understand the scientific method, safety techniques in all lab experiences, relationships between organic compounds and living organisms, basic principles of cytology, principles of reproduction, basic anatomy, physiology, taxonomy of the six kingdoms, basic ecological relationships, and current scientific happenings. The student will demonstrate knowledge of laboratory safety techniques as described during the various laboratory activities.

**SCI 3361/3362 Chemistry (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 10, 11, 12

Prerequisite: Algebra I

Capped:

Students will be introduced to the history of chemistry, expression and analysis of data, measurement, scientific methods, chemical nomenclature, formulas and equations, atomic structure, periodicity, the gas laws, chemical equilibrium, electrons in atoms, chemical bonding, acids and bases, redox reactions, thermochemistry, phase changes, organic chemistry, and descriptive chemistry. The student will demonstrate knowledge of laboratory safety techniques as described during the various laboratory activities.

**SCI 3521/3522 Applied Science and Engineer (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Earth Science and Biology, freshman may qualify with selection process (Geometry and/or MAP score of 245 or higher)

Capped:

By the end of this introductory engineering course, all students will demonstrate the ability to understand the design process and the underlying scientific principles. This interaction is investigated through the use of engineering projects and problem-solving applications. The design process along with scientific investigation is used to explore mechanics and robotics. The engineering standards focus on student growth in understanding the design process. This scientific view defines the use of science and technology that are developed and tested using observations, experimentation, models, evidence, and systematic processes. Engineering content standards emphasize focus on content in the study of the following: science as a process, the design cycle, mechanics, kinematics, electromagnetism, electrical circuits, & software applications / programming.

**SCI 4271/4272 Advanced Biology (S1/S2) – Dual Credit**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 11, 12

Prerequisite: B in Biology, a B in Geometry, and Chemistry; or instructor approval

Capped:

The student will study the unique properties of living organisms. The student will understand the chemical basis of life, cellular biology, heredity/genetics, and evolution. The student will study the unique properties of all animals,

know and be able to apply basic scientific process, the ecological approach, and how to do research and conduct experiments. Enrollment limits may apply.

**SCI 4371/4372 AP Chemistry (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 11, 12

Prerequisite: Chemistry or instructor approval

Capped:

The student will study the theoretical aspects of chemistry which will include: the structure of matter, kinetic theory of gasses, chemical equilibria, chemical kinetics, reaction types, stoichiometry, chemical bonding, and the basic concepts of thermodynamics. All areas will be presented in considerable depth. The goal is for students to position themselves to take the A.P. Chemistry exam. The student will demonstrate knowledge of laboratory safety techniques described during various laboratory activities. Enrollment limits may apply.

**SCI 4471/4472 AP Physics (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 11, 12

Prerequisite: Algebra II/Trig and Earth Science, or instructor approval

Capped:

The A.P. Physics course is designed to be the equivalent of the general physics course usually taken during the first or second year in college. The student will study the theoretical aspects of physics which will include: vectors, kinematics, dynamics, circular motion and rotation, work and energy, momentum, elasticity and vibration, wave motion, sound, electricity, electric potential and power, direct current circuits, electromagnetics, electrical applications, electromagnetic waves, geometric optics, optical instruments, and wave optics. The goal is for the students to position themselves to take the A.P. Physics exam. Enrollment limits may apply.

# **STUDY HALL/HONOR PASS EDUCATION DEPARTMENT COURSE OFFERINGS 2024-2025**

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## **SH 0111/0112 Study Hall (S1/S2)**

Number of credits:

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: Must demonstrate a need for additional time to complete work. Not for student with a past history of skipping or not utilizing a scheduled study hall

Capped:

Study hall is an opportunity for students to take time during the school day to work on assignments. It is considered a setting where students will be engaged in activities outside of the regular classroom and is not intended to give students a period whereby they merely report to a location with a pass and leave. Restrictions on pass usage may be included in mandatory assignments or during times when student privileges have been abused. This experience is non-graded.

## **SH 3160/3162 Honor Pass (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 11, 12

Prerequisite: 3.25 GPA during current and last term (quarter). Other qualification are outlined in the student handbook

Capped:

Honor Pass is essentially an assignment to study hall whereby a student of junior or senior standing may earn the opportunity to leave campus if a 3.25 grade point average is maintained during individual school terms. Permission to leave study hall must be obtained from parents and students are to meet all behavioral expectations associated with the privilege for its maintenance.



# **SOCIAL STUDIES EDUCATION DEPARTMENT COURSE OFFERINGS 2024-2025**

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## **SS 2111/2112 World History (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 10

Prerequisite: Sophomore class standing

Capped:

The students will be given an overview of world history from prehistory to modern times. Emphasis will be given to the hows and whys of historical and current events, discussion of world religions, understanding and comparing major governmental systems and world empires, the causes and effects of major world conflicts, and artistic and other cultural aspects of major world civilizations. The major goal of the course is to help students understand and appreciate the diverse cultures in our world.

## **SS 2141/2142 Title I World History (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 10

Prerequisite: Sophomore class standing with a reading MAP score below 215

Capped:

The students will be given an overview of world history from prehistory to modern times. Emphasis will be given to the hows and whys of historical and current events, discussion of world religions, understanding and comparing major governmental systems and world empires, the causes and effects of major world conflicts, and artistic and other cultural aspects of major world civilizations. The major goal of the course is to help students understand and appreciate the diverse cultures in our world.

## **SS 2171/2172 AP World History (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 10

Prerequisite: Students are chosen for this class based on teacher recommendation and self-selection. Students must score in the 75 percentile on reading and language in the MAPS test or have a strong recommendation from their English teacher to be accepted into the course.

Capped:

This course is an overview of world history (from 1200 CE- present) and how it can be studied. Though we will learn about many societies, political structures, conflicts, economic principles, time periods, and cultures, the emphasis will be on historical thinking and the study of history. We will work to develop the skills necessary to identify and understand historical themes and big ideas. Success in this class is reliant on hard work, critical thinking, and open mindedness. Students in AP World History will be challenged with intellectually stimulating discussions, writing assignments, and test practice. The goal of AP World History is to offer advanced sophomores an opportunity to excel in social studies and prepare for the AP World History Exam.

**SS 2114 Economics (S2)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 10, 11, 12

Prerequisites : Seniors and Juniors are given priority or teacher approval

Economics is the study of the production, consumption, and distribution of goods and services. In this class we will study economic theories and how these theories relate to history, current affairs, governance of nations, and personal economic decisions.

**SS 2176 Melodies of American Influence: Exploring Cultural Reflections Through American Songwriting (S1)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 10, 11, 12

In this class, we will be studying songwriting icons in various genres. We will dive into the backgrounds of various artists such as Bob Dylan, Merle Haggard, Kurt Cobain, and Jay-Z by examining their backgrounds and influences while also looking at their lyrics, narrative motifs, and how their greatest hits and hidden gems influenced the world around them. We will also practice looking at music and songwriting with a critical eye by critiquing and reviewing modern music

**SS 2173 Sociology of Cults & Gangs (S1)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 10, 11, 12

This one-semester high school sociology course will provide an in-depth examination of cults and gangs - two complex social phenomena that have a significant impact on individuals, communities, and society.

Students will explore the psychological, social, and cultural factors that contribute to the formation and persistence of these types of groups. Key topics will include:

- Definitions, characteristics, and typologies of cults and gangs
- Recruitment and indoctrination tactics used by cult leaders and gang members
- The role of power, control, and social influence in cults and gangs
- Sociological theories and models that help explain cult and gang participation
- The societal impacts of cults and gangs, including crime, violence, and social disruption
- Interventions, rehabilitation, and strategies for prevention

Through a combination of lectures, discussions, case studies, and project-based learning, students will gain a nuanced understanding of the complex social dynamics underlying cults and gangs. The course will also examine real-world examples and current events to illustrate these dynamics.

By the end of the semester, students will be able to critically analyze the factors that lead individuals to join and remain in these organizations. They will also develop an understanding of the broader societal implications and strategies for addressing these issues.

This course is recommended for high school students interested in sociology, social psychology, criminology, and understanding complex social problems.

### **SS 2174 American History through the Lens of Film(S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 10, 11, 12

Prerequisite:

Capped:

This course examines key events, eras, and themes in American history as depicted through feature films. We will analyze how various filmmakers have interpreted and portrayed important historical moments, from the American Revolution to the Civil Rights Movement and beyond.

Through a diverse selection of films, we will explore how Hollywood has shaped the popular understanding of the American past. Films to be studied may include *The Patriot*, *Lincoln*, *Forrest Gump*, *Selma*, and *Hidden Figures*, among others. We will consider the historical accuracy, cultural biases, and artistic license present in these cinematic representations of history.

In addition to analyzing the films themselves, we will also discuss the wider social and political contexts in which they were produced. How have filmmakers responded to the concerns and perspectives of their own time periods when depicting earlier eras? What do these films reveal about evolving attitudes and interpretations of American history?

By the end of the course, students will have a deeper understanding of both the history portrayed on screen and the complex relationship between film, history, and society. This class will develop critical thinking, close analysis, and effective communication skills through class discussions, short essays, and a final research project.

### **SS 3211/3212 American History (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 11

Prerequisite: World History and Junior class standing

Capped:

Students will study the history of the Americas from the seeds of revolution and declaring independence to the present, emphasizing this nation's binding heritage of a democratic vision and of liberty, equality and justice. This heritage has forged a single nation from peoples of remarkably diverse racial, religious, and ethnic origins.

Through this course, students will be prepared for private lives of personal integrity and fulfillment, as well as for public life as democratic citizens. This preparation is attained by investigating and understanding major events that have tested the American democratic vision: The American Revolution and creating a government, the living Constitution, reform movements, the Industrial Age, Immigrants and Urbanization, WWI, the Great Depression and the New Deal, WWII, the Cold War, Civil Rights, the Vietnam experience, and the role of the United States in today's world.

### **SS 3261/3262 Adv. American History (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 11

Prerequisite: Students are chosen for this class based on teacher recommendation and self-selection. Students must score in the 75 percentile on reading and language in the MAPS test or have a strong recommendation from their English teacher to be accepted into the course. All this can be overridden by a hard working student with GPA of 3.7

Capped:

Students will study the history of the US from colonial times to the seeds of revolution through the present, emphasizing this nation's binding heritage of a democratic vision and of liberty, equality and justice. This heritage has forged a single nation from peoples of remarkably diverse racial, religious, and ethnic origins. Success in this

class is reliant on hard work, critical thinking, and open mindedness. Students in AP American History will be challenged with intellectually stimulating discussions, writing assignments, and Essay tests, and practice AP exams. This preparation is attained by investigating and understanding major events that have tested the American democratic vision. This is a college level advanced placement course, demanding more reading, research, writing, discussion, and presentation skills. This course will be taken in lieu of American History for the Junior year social studies credit. HSTA 101 first semester and HSTA 102 second semester. You will receive 3 college credits each semester from MSU Northern.

### **SS 3241/3242 Title I American History (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 11

Prerequisite: World History and Junior class standing

Capped:

Students will study the history of the Americas from the seeds of revolution and declaring independence to WWII, emphasizing this nation's binding heritage of a democratic vision and of liberty, equality and justice. This heritage has forged a single nation from peoples of remarkably diverse racial, religious, and ethnic origins. Through this course, students will be prepared for private lives of personal integrity and fulfillment, as well as for public life as democratic citizens. This preparation is attained by investigating and understanding major events that have tested the American democratic vision: The American Revolution and creating a government, the living Constitution, reform movements, the Industrial Age, Immigrants and Urbanization, WWI, the Great Depression and the New Deal, WWII, and the role of the United States in today's world.

### **SS 4111 Mind Matters: Exploring the depths of psychology (S1)**

Number of credits: .5 per Semester

Length of course: Semester

Grade Levels: 10, 11, 12

Prerequisite: Seniors and Juniors are given priority

Capped: 24

**Psychology** is the scientific study of the human mind and its functions, especially those affecting behavior in a given context. In this class we will learn the major theories, concepts, and treatments in the field of psychology. The course work will include bookwork, reading, vocab, videos, and projects. This will be an exploratory class and will have units on which we do projects.

### **4112 History's Greatest Conspiracies (S2)**

**Number of credits: .5 per Semester**

Length of course: Semester

Grade Levels: 10, 11, 12

Prerequisite: Seniors and Juniors are given priority

Capped: 24

**History's Greatest Conspiracies**: Students will study the greatest Mysteries, Conspiracies, and Urban Legends in history. We will be studying different conspiracies starting with Area 51 continuing through other conspiracies like: Aliens, Moon Landing, JFK, 911 Attack, Holocaust didn't happen, We are headed by Reptiles, Lincoln's Assassination, DB Cooper, Confederate Gold, The Spear of Destiny, Da Vinci Code, Fort Knox and many other different conspiracies. This preparation is attained by reading, investigating and understanding major conspiracies that have tested the thoughts of students. We will look at the pros and cons of all conspiracies and allow students to think about whether the different conspiracies are plausible. We will have lots of discussions, videos, and projects for this class. The grade will be based mostly on participation and attendance.

### **Mastering the Art of Games (S?)**

**Number of credits: .5 per Semester**

Length of course: Semester

Grade Levels: 10, 11, 12

Prerequisite: Seniors and Juniors are given priority with good grades and attendance

Capped: 24

This will be a class that will teach about the history of games and the cultures they come from, as well as strategy and playing the game. The grades will be based on attendance and participation. There will be a fee of \$25 for this class. Games that will be taught: Cribbage, Chess, Checkers, Backgammons, Board Games, card games: Cribbage, Pinochle, Hearts, Spades, Wisp, Euchre, Poker games, Mancala, American Indian games like Lacrosse, broomball on the skating rink, Grandpa Becks games: Skull King, Cover your assets, puzzles like Tangrams, Mahjong, Origami, and Dominoes. A lot of games and strategy take on skills with math, counting, psychology and high order of thinking which students will use during this class. This class will be a semester long class with priority to students with good attendance and grades.

### **SS 4311/4312 U.S. Government and Politics (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 12

Prerequisite: American History and Senior class standing

Capped:

Students will learn about the structure and operation of the U.S. Government today, including how our government is affected by and interacts with individuals, states, and its other branches. The role of political parties, interest groups, and the media in these processes will also be considered. Further, students will analyze America's role as a significant force in the world today, as we influence, and are influenced by, nations and peoples from around the globe. These studies will allow students to understand the concepts of federalism, separation of powers, comparative government, political processes, and global perspectives. In addition, students will gain an understanding of the role civil rights and liberties, cultural pluralism, civic participation, and checks and balances play in our system of governance. All of these concepts will be tied to current relevant issues, encouraging students to discover their own political ideologies as they learn of the foundations and operation of our nation.

### **SS 4341/4342 Title I U.S. Government and Politics (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 12

Prerequisite: American History and Senior class standing. A Title I option for students who may need a modified curriculum and a lower teacher/student ratio in order to be successful.

Capped:

A Title 1 option for students who may need a modified curriculum and a lower teacher/student ratio in order to be successful in Problems of American Democracy. Students will learn about the structure and operation of the U.S. Government today, including how our government is affected by and interacts with individuals, states, and its other branches. The role of political parties, interest groups, and the media in these processes will also be considered. Further, students will analyze America's role as a significant force in the world today, as we influence, and are influenced by, nations and peoples from around the globe. These studies will allow students to understand the concepts of federalism, separation of powers, comparative government, political processes, and global perspectives. In addition, students will gain an understanding of the role civil rights and liberties, cultural pluralism, civic participation, and checks and balances play in our system of governance. All of these concepts will be tied to

current relevant issues, encouraging students to discover their own political ideologies as they learn of the foundations and operation of our nation.

**SS 4371/4372 AP Government and Politics (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 12

Prerequisite: Recommendation from 11<sup>th</sup> grade English and American History teachers; must maintain an overall B GPA

Capped:

Students will understand the challenge of American democracy by investigating the modern dilemma facing our government and its people; namely, to what extent are we willing to sacrifice personal freedoms for the benefit of order and/or equality in society? Students will critically analyze their own positions on a variety of issues facing our government today, using a two-dimensional framework rooted in three core American values: freedom, equality, and order. Course themes include: dilemmas of democracy, foundations of American Government, linking people with government, institutions of government, civil rights and liberties, political processes, and the making of public policy. Students will also consider America's changing role in the world community as witnessed through current events and the phenomenon of globalization. This is a college level advance placement course, demanding substantial reading, research, writing, discussion, and presentation skills. This course will be taken in lieu of US government and Politics for the senior year social studies government credit.

# **WORLD LANGUAGE EDUCATION DEPARTMENT COURSE OFFERINGS 2024-2025**



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## **WL 1211/1212 Spanish I (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: C or better the two previous years in English.

Capped: 18

This is an introductory Spanish class with a focus on communication and Hispanic culture. We will make comparisons and connections between Spanish and English in order to strengthen our understanding and knowledge. The end goal is for the learner to be able to use the Spanish language in and outside their community at the ACTFL proficiency level of novice-high for a variety of topics including describing self, family, home, school, food, and sports.

## **WL 2211/2212 Spanish II (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 9, 10, 11, 12

Prerequisite: B in Spanish I or instructor approval, freshman allowed with recommendation of Junior High Spanish teacher.

Capped: 18

This is a continuation of Spanish I, which includes a review of the first year fundamentals and further development of reading, writing, listening, and speaking skills with a focus on communication and culture. Students will learn to communicate in the past and future tense with the goal of achieving the ACTFL intermediate-low to intermediate-mid level of proficiency. Information about Hispanic culture will continue to be covered. Topics include: well-being, leisure and free time, shopping, and travel.

## **WL 3211/3212 Spanish III (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 10, 11, 12

Prerequisite: B in or higher in Spanish II

Capped: 18

This is an advanced Spanish class with a focus on communication, grammar, and culture. The end goal is for the learner to be able to use the language and approach basic fluency (intermediate-mid on the ACTFL scale). Topics include: festivals and holidays, restaurants, travel and transportation, and technology. We continue to study the past tenses and several other advanced grammar topics in this class.

## **WL 4471/4472 Spanish IV (S1/S2)**

Number of credits: .5 per Semester

Length of course: Year

Grade Levels: 11, 12

Prerequisite: B or higher in Spanish III

Capped: 18

This is an advanced Spanish class with a focus on communication, culture, and literature with the goal of advancing beyond the ACTFL intermediate level and into the advanced proficiency level of communication. Topics include: festivals and holidays, cooking, health, rites of passage, and art and literature. We will study advanced grammar topics in this class.