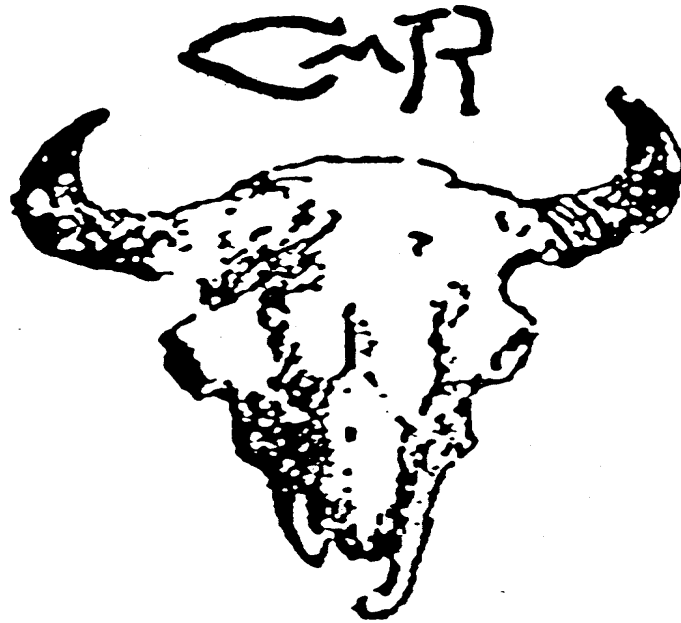


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# FRESHMAN CLASS OF 2026



**RUSTLERS**

2022 - 2023

COURSE DESCRIPTION BOOK

C.M. RUSSELL HIGH SCHOOL  
GREAT FALLS, MT

*A better place to learn and teach where relationships lead to success.*

*\*\*Please note all courses listed are the courses proposed at time of publication and are subject to change\*\**

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To North Middle School Students, Parents, and Staff:

This Course Description Book was developed to acquaint you with all the courses offered for Freshmen at CMR High School. It will provide you with specific information, such as course objectives, department and length, whether it is a required course or elective and other specifics.

Our Course Numbering System will help you determine if a class is full-year or semester and if the course requires prerequisites.

1-2            Indicates an entry level, full-year class with no prerequisite.

3-4, 5-6      Indicates a full-year class that has prerequisites. Level 1-2 must be taken before level 3-4, and so on.

No number indicates a semester course for which there is no prerequisite.

Single #1     Indicates a semester course that is a prerequisite for another more advanced course.

Single #2     Indicates a semester course that requires a prerequisite. Level 1 must be taken before level 2, level 2 before level 3 and so on.

Thank you,



Jamie McGraw  
Principal

## **HELPING YOU UNDERSTAND HIGH SCHOOL**

- CREDIT:** The unit that is earned for each class passed.
- ONE CREDIT:** When a class is taken and passed for the whole year or 2 semesters, students earn 1.00 credit.
- 1/2 CREDIT:** 1/2 credit is earned when a class is passed for 1 semester or 1/2 of the school year.
- 1/4 CREDIT:** Health & PE count ¼ credit each per semester.
- SEMESTER:** There are 2 semesters in the school year. Credit is granted at the end of each semester for each class passed. Only semester grades are recorded on the permanent record.
- QUARTER:** There are 2 quarters in each semester or 4 quarters in the school year. Report cards are mailed home at the end of each quarter, but the grade does not go on the permanent record.
- MID-TERM:** Midway through each quarter, mid-term reports are sent home with a grade that reflects progress in classes. These grades do not go on the permanent record.
- COURSE:** Another name for a class.
- REQUIRED CLASS:** These are classes students must take and pass in order to graduate. If a student fails a required class, it must be retaken before the student can graduate.
- ELECTIVE CLASS:** All students are required a certain number of electives and students can choose the classes they wish to fulfill these requirements. Electives are any class a student chooses to take over and above the requirements (like a 4<sup>th</sup> year of Science or a 2<sup>nd</sup> year of Music) or any class that does not fit in the required class category. If a student fails an elective, they do not have to make up the exact same class. They may substitute another elective for the one failed.
- ACADEMIC VARIANCE:** Any time a student wishes to deviate from the required course of study, an Academic Variance Petition must be filed with the Academic Variance Committee.

**Please see the full CMR Course Description Book 2022-2023 on our CMR website for information on Advanced Placement, Dual Credit, and Online Courses: <http://cmrweb.gfps.k12.mt.us> Currently, there are no Advanced Placement or Dual Credit Courses available for 9<sup>th</sup> grade students.**

**Note: One credit each in Career/Technical and Fine Art is required for graduation. Students may choose to pursue one of the three diploma options. Students should work with their high school guidance counselors, teachers and parents to determine which option best meets their individual needs. Please review Graduation Requirements for reference.**

### **CAREER/TECHNICAL OPTIONS**

The following courses will meet the requirement for Career/Technical credits:

1. Any course listed in the Business Department
  - Entrepreneurship (with Business Law)
  - Intro to Business
  - Multi Media
  - Marketing
  - Personal Finance
  - Intro to Computer Science Principles
2. Any course listed in Family and Consumer Sciences
  - Culinary Arts 1-2
  - Developing Child 1-2
  - Fashion Design & Construction 1, 2
3. Any course listed in Industrial Technology
  - Intro to Industrial Tech
  - Welding 1
  - Power Technology
  - Woods 1-2
4. Any course listed in Publications
  - Introduction to Journalism
  - Newspaper/Web Site Workshop
  - Yearbook Workshop
5. Any of the following other courses
  - Air Force JROTC
  - Medical Terminology
  - Video Production
  - Video Production II

### **FINE ARTS OPTIONS**

The following courses meet the requirement for Fine Arts Credit:

1. Any course listed in the Art Department
  - Art Appreciation
  - Art Workshop 1-2
  - Art Workshop 3-4
2. Any course listed in the Theatre Arts Department
  - Intro Theatre 1-2
3. Any course listed in the Music Department
  - Choir (all levels)
  - Band (all levels)
  - Orchestra (all levels)
  - Guitar 101

**COMPREHENSIVE DIPLOMA  
GRADUATION REQUIREMENTS  
GREAT FALLS PUBLIC SCHOOLS**

<b>English</b>	<b>4 Credits</b>
English 1-2	1.00
English 3-4	1.00
English 5-6	1.00
English 7-8	1.00
<b>Math</b>	<b>3 Credits</b>
One credit must include Algebra I	
<b>Social Studies</b>	<b>3 Credits</b>
Essentials in World History 1-2	1.00
Montana Government Studies	0.50
US History 1-2	1.00
Senior Government	0.50
<b>Science</b>	<b>3 Credits</b>
Earth & Space Science	1.00
Biology 1-2	1.00
Science Elective	1.00
<b>Health Enhancement</b>	<b>2 Credits</b>
Health/PE 1-2	1.00
Health/PE 3-4	1.00
<b>Financial Tech Skills</b>	<b>.5 Credit</b>
<b>Career and Technical</b>	<b>1 Credit</b>
Agriculture	*Media Production
Business	*Journalism/Yearbook/Newspaper Workshop
Family and Consumer Sciences	*Graphic Arts/Publications
Industrial Technology	*Stagecraft
Health Science	*Video Productions
*May qualify for CTE credit dependent on the state teacher licensure requirements.	
<b>Fine Arts</b>	<b>1 Credit</b>
Choose 1 credit from any combination of:	
Art	
Drama	
Music	
<b>General Electives</b>	<b>5.5 Credits</b>
Within these Electives, a student must plan for 1 additional credit in:	
Career/Technical or Fine Art	
OR	
2 credits in World Language	
<b>Total Credits</b>	<b>23 Credits</b>

**CONCENTRATION DIPLOMA  
GRADUATION REQUIREMENTS  
GREAT FALLS PUBLIC SCHOOLS**

**English** **4 Credits**

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English 1-2	1.00
English 3-4	1.00
English 5-6	1.00
English 7-8	1.00

**Math** **3 Credits**

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One credit must include Algebra I

**Social Studies** **3 Credits**

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Essentials in World History 1-2	1.00
Montana Government Studies	0.50
US History 1-2	1.00
Senior Government	0.50

**Science** **3 Credits**

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Earth & Space Science	1.00
Biology 1-2	1.00
Science Elective	1.00

**Health Enhancement** **2 Credits**

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Health/PE 1-2	1.00
Health/PE 3-4	1.00

**Financial Tech Skills** **.5 Credit**

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\*May be counted toward CTE total of 1 credit.

**Career and Technical** **\*.5-1 Credit**

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Choose .5-1 credit from any combination of:

Agriculture	*Media Production
Business	*Journalism/Yearbook/Newspaper Workshop
Family and Consumer Sciences	*Graphic Arts/Publications
Industrial Technology	*Stagecraft
Health Science	*Video Productions

\*May qualify for CTE credit dependent on the state teacher licensure requirements.

**Fine Arts** **1 Credit**

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Choose 1 credit from any combination of:

- Art
- Drama
- Music

**General Electives** **5.5-6.0 Credits**

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Within these Electives, a student must take 3 or more credits in a specific area of concentration from the following concentrations:

- Science, Technology, Engineering, Math (STEM) – includes Health Sciences
- Career Pathway Concentration (Industrial Tech, Business, Family & Consumer Sciences)
- Fine Arts/Humanities

**Total Credits** **23 Credits**

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**HONORS DIPLOMA  
GRADUATION REQUIREMENTS  
GREAT FALLS PUBLIC SCHOOLS**

**Minimum cumulative GPA 3.33 and 6 credits of Honors/AP/Early College**

<b>English</b>	<b>4 Credits</b>
English 1-2	1.00
English 3-4	1.00
English 5-6	1.00
English 7-8	1.00
<b>Math</b>	<b>4 Credits</b>
One credit must include Algebra I	
<b>Social Studies</b>	<b>3 Credits</b>
Essentials in World History 1-2	1.00
Montana Government Studies	0.50
US History 1-2	1.00
Senior Government	0.50
<b>Science</b>	<b>3 Credits</b>
Earth & Space Science	1.00
Biology 1-2	1.00
Science Elective	1.00
<b>Health Enhancement</b>	<b>2 Credits</b>
Health/PE 1-2	1.00
Health/PE 3-4	1.00
<b>Financial Tech Skills</b>	<b>.5 Credit</b>
*May be counted toward CTE total of 1 credit.	
<b>Career and Technical</b>	<b>*.5-1 Credit</b>
Choose .5-1 credit from any combination of:	
Agriculture Business Family and Consumer Sciences Industrial Technology Health Science	*Media Production *Journalism/Yearbook/Newspaper Workshop *Graphic Arts/Publications *Stagecraft *Video Productions
*May qualify for CTE credit dependent on the state teacher licensure requirements.	
<b>Fine Arts</b>	<b>1 Credit</b>
Choose 1 credit from any combination of:	
Art	
Drama	
Music	
<b>General Electives</b>	<b>8.0-8.5 Credits</b>
Within these Electives, a student must plan for 1 additional credit in:	
Career/Technical or Fine Art	
OR	
2 credits in World Language	
<b>Total Credits</b>	<b>26 Credits</b>



# CHARLES M RUSSELL HIGH SCHOOL COMPREHENSIVE DIPLOMA REQUIREMENTS (23 CREDITS)

## CREDITS EARNED

<b>ENGLISH</b>		4 credits required
English 1	English 2	
English 3	English 4	
English 5	English 6	
English 7	English 8	

<b>SOCIAL STUDIES</b>		3 credits required
Ess World History 1	Ess World History 2	
MT Government		
US History 1	US History 2	
Government		

<b>MATH</b>		3 credits required
Algebra I	Algebra I	

<b>SCIENCE</b>		3 credits required
Earth/Space 1	Earth/Space 2	
Biology 1	Biology 2	

<b>*CAREER TECHNICAL</b>		1 credit required

<b>*FINE ARTS</b>		1 credit required

<b>HEALTH/PE</b>		2 credits required
Health 1	PE 1	Health 2
Health 3	PE 3	PE 2
		Health 4
		PE 4

<b>*FINANCIAL TECH SKILLS</b>		.5 credit required

<b>*GENERAL ELECTIVES</b>		5.5 credits required

**\*CONCENTRATION ELECTIVES** – 2 credits necessary to meet MUS College Prep Program requirement.  
From Course work above, please keep track of your Concentration Electives which must be 2 credits from one of the following areas: Career Technical, Fine Arts or World Languages


### 9<sup>th</sup> GRADE

1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
English 1 _____	English 2 _____
Ess WH 1 _____	Ess WH 2 _____
Math _____	Math _____
Earth/Space 1 _____	Earth/Space 2 _____
H/PE 1 _____	H/PE 2 _____
Elective _____	Elective _____
Elective _____	Elective _____

### 10<sup>th</sup> GRADE

1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
English 3 _____	English 4 _____
MT Gov/Elective _____	MT Gov/Elective _____
Math _____	Math _____
Bio 1 _____	Bio 2 _____
H/PE 3 _____	H/PE 4 _____
Elective _____	Elective _____
Elective _____	Elective _____

### 11<sup>th</sup> GRADE

1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
English 5 _____	English 6 _____
US History 1 _____	US History 2 _____
Math _____	Math _____
Science _____	Science _____
Elective _____	Elective _____
Elective _____	Elective _____
Elective _____	Elective _____

### 12<sup>th</sup> GRADE

1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
English 7 _____	English 8 _____
Gov/Elective _____	Gov/Elective _____
Elective _____	Elective _____
Elective _____	Elective _____
Elective _____	Elective _____
Elective _____	Elective _____
Elective _____	Elective _____

# CHARLES M RUSSELL HIGH SCHOOL

## CONCENTRATION DIPLOMA REQUIREMENTS (23 CREDITS)

### CREDITS EARNED

<b>ENGLISH</b>		4 credits required
English 1	English 2	
English 3	English 4	
English 5	English 6	
English 7	English 8	

<b>SOCIAL STUDIES</b>		3 credits required
Ess World History 1	Ess World History 2	
MT Government		
US History 1	US History 2	
Government		

<b>MATH</b>		3 credits required
Algebra I	Algebra I	

<b>SCIENCE</b>		3 credits required
Earth/Space 1	Earth/Space 2	
Biology 1	Biology 2	

<b>*CAREER TECHNICAL</b>	.5-1 credit required

<b>*FINE ARTS</b>	1 credit required

<b>HEALTH/PE</b>		2 credits required
Health 1	PE 1	Health 2
Health 3	PE 3	PE 2
		Health 4
		PE 4

<b>*FINANCIAL TECH SKILLS</b>	.5 credit required

<b>*GENERAL ELECTIVES</b>		5.5-6 credits

**\*CONCENTRATION ELECTIVES** – 3 credits necessary to meet Diploma Requirement and MUS College Prep Program requirement. From course work above, please keep track below of your Concentration Electives which must be from one of the following areas: STEM, CTE, Fine Arts/Humanities.


### 9<sup>th</sup> GRADE

1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
English 1_____	English 2_____
Ess WH 1_____	Ess WH 2_____
Math_____	Math_____
Earth/Space 1__	Earth/Space 2__
H/PE 1_____	H/PE 2_____
Elective_____	Elective_____
Elective_____	Elective_____

### 10<sup>th</sup> GRADE

1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
English 3_____	English 4_____
MT Gov/Elective	MT Gov/Elective
Math_____	Math_____
Bio 1_____	Bio 2_____
H/PE 3_____	H/PE 4_____
Elective_____	Elective_____
Elective_____	Elective_____

### 11<sup>th</sup> GRADE

1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
English 5_____	English 6_____
US History 1__	US History 2__
Math_____	Math_____
Science_____	Science_____
Elective_____	Elective_____
Elective_____	Elective_____
Elective_____	Elective_____

### 12<sup>th</sup> GRADE

1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
English 7_____	English 8_____
Gov/Elective__	Gov/Elective__
Elective_____	Elective_____
Elective_____	Elective_____
Elective_____	Elective_____
Elective_____	Elective_____
Elective_____	Elective_____



## **NCAA & NAIA ELIGIBILITY REQUIREMENTS**

Students participating in high school athletics that plan to participate in college or university athletics will need to pay special attention to eligibility rules for admission. It is critical for students and parents to have a full understanding of the requirements and to follow an academic plan to fulfill those requirements. It is the student/athlete's responsibility to meet NCAA/NAIA academic eligibility.

### **NCAA**

National Collegiate Athletic Association (NCAA). If you wish to participate in NCAA Division I or II athletics, you need to be certified by the NCAA Eligibility Center. You will need to qualify academically and you will also need to be cleared as an amateur student-athlete. NCAA recommends students start planning Freshman year and register Sophomore year. Please access the NCAA website for more information: [\*\*www.eligibilitycenter.org\*\*](http://www.eligibilitycenter.org)

Initial NCAA eligibility will be evaluated under a rule that requires 16 core courses:

- 4 years of English
- 3 years of Math (Algebra I or higher)
- 2 years of Natural/Physical Science
- 1 year of additional English, Math, or Natural/Physical Science
- 2 years of Social Science
- 4 years of additional courses from any area above, foreign (world) language, or comparative religion/philosophy

### **NAIA**

National Association of Intercollegiate Athletics (NAIA). If you wish to participate, you will need to be certified by the NAIA Eligibility Center to qualify academically and be cleared as an eligible student-athlete for competition. Access the NAIA website for more information: [\*\*www.PlayNAIA.org\*\*](http://www.PlayNAIA.org)

## **ART**

### **ART APPRECIATION**

Length of class: Year, 1 credit, **offered online only**  
Prerequisite: None  
Grade level: 9, 10, 11, 12

This one-year course introduces students to a broad history of art from a variety of times and places as well as art media. It will expose students to the essential questions of art in presenting, creating, responding, and connecting however is not intended to prepare students for further study in the studio arts. This course will fulfill the required fine art credit for graduation, but if additional art courses are desired, appropriate prerequisites will be required.

### **ART WORKSHOP 1-2**

Length of class: Year, 1 credit  
Prerequisite: None  
Grade level: 9, 10, 11, 12

This one-year course provides students with a comprehensive introduction to the visual arts and prepares them to further study in this content area. Studio experiences in the classroom will give students opportunities to experience a variety of media while developing the student's individual voice and creative problem-solving skills. Students will demonstrate their ability to respond, to analyze and to interpret their own artwork and the work of others through discussions, critiques and writings. Students will generate a digital portfolio of artwork.

### **ART WORKSHOP 3-4**

Length of class: Year, 1 credit  
Prerequisite: Instructor recommendation, Art Appreciation or Art Workshop 1-2  
Grade level: 9 (**with current instructor approval only**), 10, 11, 12

This one-year course introduces students to a comprehensive introduction to the visual arts and prepares them to further study in this content area. Content and pacing are in alignment to the advanced nature of the course. Studio experiences in the classroom will give students opportunities to experience a variety of media while developing the student's individual style and creative problem-solving skills. Students will demonstrate their ability to respond, to analyze and to interpret their own artwork and the work of others through discussions, critiques and writings. Students will generate a digital portfolio of artwork.

## **BUSINESS**

### **ENTREPRENEURSHIP (WITH BUSINESS LAW)**

Length of class: Semester, ½ credit, 1st and 2nd Sem  
Prerequisite: None  
Grade level: 9, 10, 11, 12

Concepts of Business Law will be covered as they pertain to the entrepreneurship concept. Entrepreneurship is a step-by-step journey through the entire process of owning one's own business. Students will learn how to create/implement a business plan, select a product or service to sell, determine customers, and obtain financing for their business.

## **INTRO TO BUSINESS**

Length of class: Semester, ½ credit, 1st and 2nd Sem  
Prerequisite: None  
Grade level: 9, 10, 11, 12

Not sure about how business works? This introductory business course is geared toward the basic principles and functions of business. Students will gather a basic understanding of forms of business ownership, entrepreneurship, management, marketing, finance, and business law. Various forms of technologies will be highlighted to expose students to the emerging technologies impacting the business world. Employability skills are integrated into activities, tasks, and projects throughout the course to demonstrate the skills required by business and industry.

## **MARKETING**

Length of class: Semester, ½ credit, 1st and 2nd Sem  
Prerequisite: None  
Grade level: 9, 10, 11, 12

This course is intended to introduce students to the various components of marketing (getting products and services from producers to consumers). Subject matter includes the economic importance of marketing, components of a marketing plan, creating a marketing plan, marketing trends, product planning and research, and careers in marketing.

## **MULTI MEDIA**

Length of class: Semester, ½ credit, 1st and 2nd Sem  
Prerequisite: None  
Grade level: 9, 10, 11, 12

Gain experience designing web pages using HTML and web-based generator (Weebly), and exposure to Movie Maker, Photoshop, InDesign and CorelDraw software for design and multimedia projects. This course will provide students with a hands-on knowledge of computer-aided graphics, digital photography, presentations software, web-page design, Internet usage, and Desktop publishing.

## **PERSONAL FINANCE**

Length of class: Semester, ½ credit, 1st and 2nd Sem  
Prerequisite: None  
Grade level: 9, 10, 11, 12

Students will study practical and personal money management by learning necessary financial survival skills through budgeting, investing, credit awareness, banking services, taxes, insurance and other consumer planning and decision-making topics.

## **COMPUTER SCIENCE**

**(Within the Business Department)**

### **INTRO TO COMPUTER SCIENCE PRINCIPLES**

Length of Class: Semester, ½ credit  
Prerequisite: None  
Grade Level: 9, 10, 11, 12

Computer Science Principles is a one semester, introductory course that introduces students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security, societal impacts of computing, and the ways that digital information is encoded, represented and manipulated. Through this course, students will develop a well-rounded view about data in the world around them. Global issues such as public policy, law, ethics, and societal impact of technology will also be discussed. Students will create and use visualizations to identify patterns and trends using a variety of tools and widgets.

## **ELECTIVES**

### **ACADEMIC LITERACY**

Length of class: Year and/or Proficiency, 1 credit  
Prerequisite: Referral **ONLY**/permission of administrator  
Grade level: 9

Academic Literacy is a course designed to increase students ability to comprehend, analyze, and evaluate text using reading strategies. Students will receive instruction in reading skills and strategies that will have a direct correlation to content area and core curriculum. Students must be referred into the course by counselor and/or administration.

### **AIR FORCE JROTC**

*This class is held at Great Falls High as a modified zero period from 6:40 to 7:30 AM Monday - Friday (including Wednesdays) or as a modified 7th period from 2:40 – 3:30 (and 2:00 – 2:45 on PLCT days). Students are responsible for transportation to for zero period OR from GFH after 7th period; bus transportation is provided from GFH to CMR for zero period and from CMR to GFH for 7th period).*

Length of Class: Year, 1 credit  
Prerequisite: None  
Grade Level: 9, 10, 11, 12 (upper levels given preference)

Air Force Junior Reserve Officer Training Corps (AFJROTC) is a class and program designed to develop citizens of character dedicated to serving their nation and community. It focuses on citizenship, community service, instills personal responsibility, character, and self-discipline. The program consists of three curriculum areas that are designed to prepare students for life after high school (direct workforce, college, or military service): leadership education, aerospace science, and wellness. Leadership education equips students to be better leaders and followers within their school and community. Students are introduced to Air Force culture and foundations of good citizenship, communication and leadership theory, and career and life skills. Aerospace Science topics include the history of aviation, science of flight, and exploring space. Health and Wellness is implemented through physical training and nutrition education on Fridays. To get the most out of the program, students are highly encouraged to maintain at least a C- grade in all non-JROTC courses while taking AFJROTC.

JROTC is **NOT** a military recruiting program and there is no service obligation associated with the class. However, Cadets will learn and use some aspects of the military model to such as marching and teamwork and are expected to follow these standards:

- **Maintain Air Force grooming standards (shave/hairstyle/hairstyles/piercings etc)**
- **Wear the uniform during the school day 1 time per week (uniform is issued by the school) \***
- Maintain a passing grade in AFJROTC
- Follow all school guidelines and rules
- Follow Air Force Core values of integrity, service before self, and excellence in all they do

There are several voluntary extracurricular programs offered outside of class time called Leadership Development Requirements (LDRs). To participate in these activities, students must be active JROTC cadets in good standing. Current activities offered include:

- Drill Team (marching and routines with replica rifles for competition)
- Color Guard (presenting the American flag at events such as football games/ceremonies etc)
- Joint Leadership and Academic Bowl (JLAB, a national academic team quiz competition)
- Flag Team (raises and lowers the flag, performs flag folding and retirement ceremonies etc)
- Drone Club (flies unmanned aerial vehicles)
- Marksmanship (practice and compete at shooting Air rifles at an approved range)
- Archery (practice and compete at shooting a compound bow)
- Esports (Competes in team-based video game tournaments (potentially for scholarships))
- Other LDRs may be added depending on interest

***NOTE: All classes and extra-curricular activity practices take place at Great Falls High and students must have access to reliable transportation to/from Great Falls High.***

***\* Noncompliance with uniform wear/standards 3 times in a semester will result in removal from the class, a drop/failing grade, and no credit.***

## **AMERICAN INDIAN STUDIES**

Length of Class: Semester, ½ credit  
Prerequisite: None  
Grade level: 9, 10, 11, 12

The purpose of this course is to explore American Indian civilization beginning with the Paleolithic Era through contemporary times, with a focus on Montana Indians. Students will understand historical perspectives, cultural aspects, misconceptions, healthcare, economic circumstances, federal policy, and imagery from the perspective of American Indians. This course will implement a variety of multi-media tactics including film, text, and imagery.

## **INTRODUCTION TO JOURNALISM**

Length of class: Year, 1 credit  
Prerequisite: None  
Grade level: 9, 10, 11, 12

Students must have an interest in media (print, social, and web-based media), current events, publishing and composition. Students should have an interest in applying for a staff position in one of the publication workshops. Proficient computer skills such as keyboarding and word processing are recommended. Self-motivation, good time management skills, a positive attitude and work ethic are characteristics of candidates for this course. Students will be accountable for building a portfolio of their work for evaluation. This course surveys all the elements comprising the journalism and publishing process:

- Reporting basics, including interviewing, note-taking, quotations and attribution.
- Various genres, including sports, feature, news, opinion
- Copy writing, editing and journalistic style
- Basic digital photography
- Newspaper and yearbook design and layout
- Desktop publishing emphasizing InDesign and Photoshop software
- Convergent online media
- Advertising sales/design
- Press law and ethics
- Journalism history
- Exposure to the work of professional journalists, photographers and designers

Students will account for their work by learning to build an e-portfolio. Students will have homework, quizzes, and a written semester final. During the semester, students may be given assignments that will appear in the newspaper or online at [www.rustlernews.com](http://www.rustlernews.com).

**This course counts toward fulfillment of the Career Technical requirement.**

## **NEWSPAPER/WEB SITE & YEARBOOK WORKSHOPS**

Length of class: Year, 1 credit  
Prerequisite: Intro to Journalism, Video Production, Graphic Design, and/or Instructor permission  
Grade level: 9 (**Instructor permission only**), 10, 11, 12

Freshmen who successfully complete the Introduction to Journalism course in the fall may sign up for either class - Newspaper/Web Site Workshop or Yearbook Workshop for the spring semester for half credit. If a student wishes to take either class for the full year for 1 credit, special permission from the instructor is required. Final placement in either workshop class is dependent on the grade and performance demonstrated in the intro class.

**Both courses count toward fulfillment of the Career Technical requirement.**



## **MEDICAL TERMINOLOGY (DUAL CREDIT\*\*)**

Length of class: Semester, ½ credit, **offered online only**  
Prerequisite: None  
Grade Level: 9, 10, 11, 12 (Upper grade levels will be given preference)

**\*\*This course is offered for dual credit through Great Falls College MSU for those students who qualify. In order to receive dual credit, the student MUST be 16 years or older.**

This course will focus on the many components of a medical term by learning and recognizing word roots, prefixes, suffixes and abbreviations used in medical languages today. Learn how to combine words to create meaningful medical conditions as well as comprehend their definition and know the correct spelling and pronunciation. In this medical terminology course, we will cover medical terms related to all major body systems. *This is an online class which is required prior to entering any senior level health science classes.*

## **TRANSITIONS**

Length of class: Semester or Year OR proficiency, ½ or 1 credit  
Prerequisites: Referral **ONLY**/approval of administrator  
Grade Level: 9

This class is designed to aide 9th graders in finding a successful pathway during their first year of high school. Individual goals are discussed, and a customized plan is designed for each student. The goals will be based on personal interest, strengths, and areas for development. Students will earn 1.0 their freshman year. Students must be referred into the course by counselor and/or administration.

## **VIDEO PRODUCTION**

Length of class: Semester, ½ credit  
Prerequisite: None  
Grade level: 9, 10, 11, 12

The class will provide the student an opportunity to explore the video making process from initial conception to audience review. The student will become acquainted with basic video technology to include film history, pre-production planning and storyboarding, camcorder operation, video and audio editing and the critical review of finished work. Students will also be introduced to the basics of Broadcast Journalism, from history to how a newsroom works, marketing, programming and modern ethical issues. Video cameras and editors are available for those students who do not own their own.

**This course counts toward completion of Career Technical credit.**

## **VIDEO PRODUCTION II**

Length of class: 2nd Semester, ½ credit  
Prerequisite: None  
Grade level: 9, 10, 11, 12

The class will provide the student an opportunity to expand the video making process and not only complete class projects, but originate a personal film as well as create Broadcast quality television stories. The student will receive instruction in selected film genre, directing for film, acting for film, screenwriting and technical areas like lighting and animation. Students will work on news programs that highlight issues and stories with CMR. Students will also work to create Video Announcements that will be broadcast to the school. Video cameras and editors are available for those students who do not own their own.

**This course counts toward completion of Career Technical credit.**

## **ENGLISH**

Students considering Honors/AP English should have:

1. English grades of A or B
2. Good reading ability, writing and speaking skills
3. Intellectual curiosity, ethics, and leadership
4. Consistent attendance in school
5. Maturity
6. Desire to be an active participant in Honors/AP English
7. Willingness to do summer reading and writing assignments
8. Willingness to read more difficult reading selections at a faster pace and greater detail than regular English
9. Willingness to read material outside of class

### **ENGLISH 1-2**

Length of class: Year, 1 credit  
Prerequisite: 8th grade English  
Grade level: 9

The ninth-grade yearlong course offers work in critical viewing, listening, composition, literature, and speaking. Composition will lead to development of a four to five paragraph composition. Literature will include selections of fiction, drama, poetry, non-fiction and mythology.

### **ENGLISH 1-2 HONORS**

Length of class: Year, 1 credit  
Prerequisite: 8th Grade English teacher recommendation/ "C" or better in previous English class  
Grade level: 9

Students who enroll in Honors English must be highly motivated, well-organized students who actively participate in class discussions and generally possess the leadership qualities of the motivated learner. The course follows the same basic curriculum as English 1-2; however, there will be more intensive analysis of reading selections and more writing assignments with greater emphasis on the composition process.

## **FAMILY & CONSUMER SCIENCES**

### **CULINARY ARTS 1-2**

Length of Class: Year, 1 credit  
Prerequisite: None  
Grade level: 9, 10, 11, 12  
Fee: \$50.00

This class focuses on basic to intermediate food preparation with an emphasis on nutrition, techniques, presentation, and organization. Safe food handling practices will be emphasized. This class is a prerequisite to Culinary Arts 3/Hospitality. **Students must pass this class with a "C" or better to continue.**

## **DEVELOPING CHILD 1-2**

Length of Class: Year, 1 credit  
Prerequisite: None  
Grade level: 9, 10, 11, 12  
Fee: \$30.00

This class focuses on understanding the development of children in preparation for related career fields. Students will identify concepts of child development from the embryonic and fetal stages to the toddler years with emphasis on family structure, parenting styles, family, maternal and children's health, developmental theories and domains including: social, emotional, cognitive and physical in early childhood years.

## **FASHION, DESIGN, & CONSTRUCTION 1**

Length of Class: Semester, ½ credit  
Prerequisite: None  
Grade level: 9, 10, 11, 12  
Fee: \$15.00

This class focuses on preparing students for careers in fashion, design, merchandising, construction, and textiles. Students will learn how to apply design principals to a variety of projects using basic sewing techniques with the conventional sewing machine, serger, embroidery machine to support design and creativity. Students will begin using patterns to construct garments. Students are responsible for providing project fabric and notions.

## **FASHION, DESIGN, & CONSTRUCTION 2**

Length of Class: Semester, ½ credit  
Prerequisite: Fashion, Design, & Construction 1  
Grade level: 9, 10, 11, 12  
Fee: \$15.00

This class focuses on creativity, design, and incorporating current fashion trends into the class content with emphasis on careers and design for profit. This course covers intermediate sewing techniques. Students will create two apparel projects: retro and contemporary while exploring past and current trends. Students will design projects for vinyl and embroidery on computer software and apply the designs to apparel using heat press technology. Students will participate in preparing Rustler Gear orders.

## **HEALTH ENHANCEMENT**

### **HEALTH 1-2**

Length of class: 1 year, ½ credit; follow the calendar (even on even days, odd on odd days)  
Prerequisite: None  
Grade level: 9

Health is a required course that meets every other day according to the calendar date, opposite Physical Education 1-2. Practical information for overall health and wellness will be presented. Emphasis of study and discussion will be placed on: human body systems, nutrition, healthy relationships, tobacco, alcohol, drug awareness, and prescription medications.

## **PHYSICAL EDUCATION 1-2**

Length of class: Year, ½ credit; follow the calendar (even on even days, odd on odd days)  
Prerequisite: None  
Grade level: 9

Physical Education is a required course that meets every other day according to the calendar date, opposite Health 1-2. Physical Fitness and conditioning are the primary emphasis along with a variety of activities including, but not limited to: team sports, individual sports, recreational games, recreational activities, rhythms and dance, and lifetime activities.

## **RUSTLER FITNESS**

Length of class: Semester, ½ credit; may be taken consecutive semesters  
Prerequisite: PE 1-2  
Grade level: 9, 10, 11, 12

Rustler Fitness is an elective course designed to enhance levels of aerobic fitness through various dynamic activities. Students can expect to complete a variety of different aerobic workouts including, but not limited to: dance, circuit and interval training, tae-bo, slides, gliders, step aerobics, physio balls, Pilates, yoga and resistance training.

## **WEIGHT TRAINING**

Length of class: Semester, ½ credit; may be taken consecutive semesters  
Prerequisite: PE 1-2  
Grade level: 9, 10, 11, 12

Weight Training is an elective course designed to enhance levels of muscular strength and endurance through various strength-training activities. Students can expect to complete 4 strength-training workouts per week as well as plyometric, speed enhancement, and agility training.

## **INDUSTRIAL TECHNOLOGY**

### **INTRO TO INDUSTRIAL TECHNOLOGY**

Length of class: Year  
Prerequisite: None  
Grade level: 9

This is a “hands-on” project-oriented class open to 9th graders only. This course includes the study of safe and basic operation of tools, equipment and technologies in each of the following areas: Woods, Drafting, Metals and Electronics. Students will spend 9 weeks in each of these classes.

**This is the only “shop” class open to 9th graders unless the middle school instructor approves student to upper level classes.**

### **WELDING 1**

Length of class: Semester, ½ credit, 1st or 2nd Sem  
Prerequisite: None  
Grade level: **(Grade 9 with current instructor approval), 10, 11, 12**  
Fee: \$15.00

This course covers the instruction in operation, care and safety practices in the following areas of welding: Arc welding in the flat horizontal and vertical positions, electrode selection identification and use, weld testing visual and destructive, oxy-acetylene welding torch in the flat and horizontal position and welding brazing and cutting torch operation.

## **POWER TECHNOLOGY**

Length of class: Semester, ½ credit, 1st or 2nd Sem  
Prerequisite: None  
Grade level: **(Grade 9 with current instructor approval)**, 10, 11, 12  
Fee: \$10.00

Students will provide a small single cylinder four-cycle engine (lawn mower, roto-tiller, etc.) to disassemble and overhaul. Students will also provide a storage tub and the parts required to overhaul the engine. Theory of operation of two and four stroke engines is covered. Factors relating to design, construction and operation of small and automotive engines will be covered. The operations of fuel, lubrication, cooling and ignition systems are covered as well. Shop practices and safety are stressed. Practical experience will be to disassemble the small engine, clean, measure and recondition parts as needed. The students will then reassemble the engine and make the engine run.

## **WOODS 1-2**

Length of class: Year, 1 credit  
Prerequisite: None  
Grade level: **(Grade 9 with current instructor approval)**, 10, 11, 12  
Fee: \$15.00

The course includes the study of safe and basic operation of woodworking machines, kinds of wood, basic wood finishing techniques, and wood joints. CNC routers and laser engravers will be tools introduced to students during the course. Class members will have an opportunity to develop self-reliance, initiative, and responsibility. Second semester, students will have the opportunity to design, construct, and finish furniture that requires more time to complete. Students will be responsible to furnish their own wood to complete individual and required project assignments.

## **MATH**

In CMR Mathematics -

### Students can expect to:

- Be attentive and take notes during lectures
- Complete daily homework assignments
- Participate in class discussions
- Take quizzes and tests on a regular basis

### Students will learn to:

- Read mathematics problems
- Develop problem solving skills
- Strengthen their arithmetic skills
- Gain confidence in doing mathematics

## **MATH LITERACY**

Length of class: Year, 1 credit  
Prerequisite: This class is by recommendation **ONLY**. It is not open for student sign-up. Students will be assigned by a Math instructor or the Special Education Coordinator at the High School.  
Grade level: 9, 10, 11, 12

This course is designed to prepare students for success in Algebra Prep. The work assigned in the course is modified according to the needs of the students in the course. An emphasis is placed on basic skills using whole numbers, fractions, decimals and integers and the use of these skills in application problems. Students will also work with percents, measurement, unit analysis, probability and statistics.

## **ALGEBRA PREP**

Length of class: Year, 1 credit  
Prerequisite: This class is by recommendation  
Grade level: 9, 10, 11, 12

This course provides a foundation for Algebra I. Topics include a review of basic facts, operations with real numbers, basic real number properties, solving linear equations and application problems, solving linear inequalities, graphing and writing linear equations, rules of exponents, polynomials, and factoring.

## **ALGEBRA I**

Length of class: Year, 1 credit  
Prerequisite: Pre-Algebra (8th grade math)  
Grade level: 9, 10, 11, 12

This course covers solving linear equations, linear inequalities, systems of linear equations and quadratic equations, graphing and writing linear and quadratic functions, exponential functions and sequences, polynomial equations and factoring, and radical functions and equations. **This course is required for graduation.** Students who find it necessary to move from this class to Algebra Prep after the school year begins are required to take their grade with them to their new class and this change must be completed by the end of first quarter.

## **HONORS ALGEBRA I**

Length of class: Year, 1 credit  
Prerequisite: Completion of "Honors" eighth grade mathematics with an A or a B, or other evidence of exceptional ability and the recommendation of their eighth-grade mathematics teacher.  
Grade level: 9

This course covers all the content of Algebra I but with greater depth in the topics studied as well as additional topics at the discretion of the instructor. This course will provide students with more challenging work, require more time for assignments outside of class and moves at a faster pace than Algebra I. Students who find it necessary to move from this class to Algebra I after the school year begins are required to take their grade with them to their new class and this change must be completed by the end of first quarter.

## **HONORS GEOMETRY**

Length of class: Year, 1 credit  
Prerequisite: Algebra I, (C or better advised)  
Grade level: 9, 10

This course provides students one of the best observations of the development of a structured mathematical system. By starting with a set of terms and a few accepted facts, a complete, logical set of relations is unfolded about points, lines, triangles quadrilaterals, or other polygonal regions. The student will become familiar with both the deductive process and the indirect proof method. These provide a person a fundamental problem-solving approach and open the door to more critical thinking. While the main emphasis will be on plane geometry, the study of some solid geometry (3-dimensional relations) is included. Students who find it necessary to move from this class to Geometry after the school year begins are required to take their grade with them to their new class and this change must be completed by the end of first quarter.

## **MUSIC**

The following music classes are open to freshman. Students need to sign up for choir, orchestra and/or band. **Placement will be done by high school instructors before the end of the year.**

### **GUITAR 101**

Length of class: Year, 1 credit  
Prerequisite: None  
Grade level: 9, 10, 11, 12  
Fee: \$15.00 (guitar rental, fee waived if student has own acoustic guitar to use)

Guitar 101 will introduce students to music and guitar fundamentals. Students will learn how to read music as they master basic guitar chords and strum patterns, play single melodies and perform in a variety of group situations and musical styles. Electric guitars are not used in this class. Students may rent a school acoustic guitar for \$15.00 or use their own acoustic guitar. **Fine art credit will be earned.**

## **CHOIRS**

### **CHANSON CHOIR**

Length of class: Year, 1 credit  
Prerequisite: SELECTION BY DIRECTOR THROUGH AUDITION PROCESS  
Grade level: 9  
Fee: \$10.00 (wardrobe)

This is a choir for all freshman treble voices (sopranos and altos) who are interested in singing. The choir prepares a variety of music selections and participates in four seasonal concerts each year, participation is mandatory.

### **SONORE CHOIR**

Length of class: Year, 1 credit  
Prerequisite: SELECTION BY DIRECTOR THROUGH AUDITION PROCESS  
Grade level: 9  
Fee: \$10.00 (wardrobe)

This is a choir for all freshman tenor and bass voices who are interested in singing. The choir sings a variety of musical selections and participates in four season concerts each year, participation is mandatory.

## **BANDS**

### **MAVERICK BAND – INTERMEDIATE CONCERT BAND**

Length of class: Year, 1 credit  
Prerequisite: Previous band experience, at least at the beginning level, is necessary. Ability level commensurate with performance demands as DETERMINED BY THE INSTRUCTOR.  
Grade level: 9

Maverick Band offers daily experiences to freshmen who are suited for intermediate level band performance. Basic musical fundamentals are thoroughly reviewed and developed with the aim of preparing each student for promotion to more advanced bands at CMR. Like all other bands at CMR, performances at concerts, festivals, and clinics are a regular part of the experience for members of the Maverick Band.

## **PERCUSSION ENSEMBLE**

Length of class: Year, 1 credit  
Prerequisite: Open only to percussion students with previous experience or with permission of the director.  
Grade level: 9, 10, 11, 12

This class will daily explore all areas of percussion including, snare drum, mallets, timpani, auxiliary percussion and drum set. Various types of music including marching, concert and percussion ensemble will be explored each year. Students in this class will provide percussion for Maverick Bands during the year.

## **RUSTLER BAND – ADVANCED-INTERMEDIATE CONCERT BAND**

Length of class: Year, 1 credit  
Prerequisite: Previous band experience beyond the intermediate level is necessary. Membership in the Rustler band is based on the player's ability level as DETERMINED BY THE INSTRUCTOR.  
Grade level: 9, 10, 11, 12

Rustler Band offers daily experiences to freshmen, sophomores, juniors, and seniors who are suited for advanced-intermediate level band performance. Basic musical fundamentals are thoroughly reviewed and developed with the aim of preparing each student for future performance at more advanced levels. Performances at concerts, festivals, and clinics are a regular part of the experience for members of the band. In addition, members of the Rustler Band are eligible for participation in marching and pep bands at CMR.

## **SYMPHONIC BAND – ADVANCED CONCERT BAND**

Length of class: Year, 1 credit  
Prerequisite: PLACEMENT BY AUDITION. Previous band experience beyond the advanced-intermediate level is required. Membership in the Symphonic band is based on the player's ability level as determined by the Instructor.  
Grade level: 9, 10, 11, 12

Symphonic Band offers daily experiences to exceptional freshman, sophomore, junior, and senior musicians who are suited for the most advanced level of band performance. Numerous musical fundamentals are thoroughly reviewed and further developed in order to perform music of the highest possible caliber. Several performances at concerts, festivals, and clinics are a regular part of the experience for members of the Symphonic Band. In addition, members of the Symphonic Band are eligible for participation in marching and pep bands at CMR. The Symphonic Band is the touring band that experiences an annual three to four-day performance tour in the spring. In the past, the CMR Symphonic Band has toured Washington, Idaho, Oregon, Montana, Wyoming, British Columbia and Alberta.

## **RUSSTONES**

Length of class: Year, 1 credit  
Prerequisite: Must be a member of major performing group (Choir, Band or Orchestra). Good standing academically. AUDITION WITH DIRECTOR.  
Grade level: 9, 10, 11, 12

Study performance of various styles of jazz and rock music.



## **ORCHESTRA**

### **STRING ENSEMBLE**

Length of class: Year, 1 credit  
Prerequisite: Previous string playing experience **REQUIRED**, this is not a beginner course!  
Grade level: 9 (all Freshmen students must take this course)  
Fee: \$15.00 (uniform)

String Ensemble offers daily experience rehearsing string orchestra music of all eras matching the playing ability of the group. Students will build on previously learned music skills and expand their knowledge of scales, bowing-styles, shifting and vibrato with the goal of sight-reading music of greater difficulty. In addition, students learn a basic vocabulary of music terms, symbols and note and key signature recognition. An understanding of music history and exposure to compositional techniques is also included. Students must perform outside of the school day at concerts, festivals and clinics put on by visiting guest artists.

## **SCIENCE**

### **EARTH AND SPACE SCIENCE**

Length of class: Year, 1 credit  
Prerequisite: None  
Grade level: 9

The Earth and Space Science course introduces students to the study of the Earth from a local and global perspective. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the Earth, students will explore the Earth cycles, nature of science, and Earth systems. Units will include: plate tectonics, earthquakes and volcanoes, rock cycle, weather and erosion, water cycle, atmosphere and climate, our solar system, and the universe. Upon completion of the course, students will have a clear understanding of the dynamic forces at work in the world around them, becoming better stewards of our planet Earth.

## **SOCIAL STUDIES**

### **ESSENTIALS OF WORLD HISTORY**

Length of class: Year, 1 credit  
Prerequisite: None  
Grade level: 9

Students will study a year of world history from Renaissance to modern times, which will include cultural, political, military, and economic factors in the development of world cultures and their impact on modern society. The year is divided into units covering history in Europe, Asia, Africa and the Americas, including some emphasis on geography.

## **THEATRE**

### **INTRO THEATRE 1-2**

Length of class:	Year, 1 credit
Prerequisite:	None. Students need not take Theatre 1 to enter Theatre 2 at semester; however, the open rehearsal style of Theatre 1 and 2 requires a student to be mature and self-disciplined in their preparation.
Grade level:	9, 10, 11, 12

This class will focus on the beginning building blocks of acting (projection, enunciation, contact and more) and their uses on and off the stage. This class demands that the student display understanding the concepts of organization and commitment. The student will be asked to perform assignments in front of the instructor and the class with the focus on effort not talent. The student will be required to memorize scripted pieces verbatim (word perfect). There will also be units on physical acting throughout the year.

## **WORLD LANGUAGES**

In order to gain proficiency, students are encouraged to take two or more consecutive years of the language of their choice. It is strongly recommended to begin in grade nine so that the student has the option of pursuing the four-year program. **Our language classes are not suited to native speakers.**

### **FRENCH 1-2**

Length of class:	Year, 1 credit, must pass 1st Sem in order to continue 2nd Sem
Prerequisite:	Recommend a "C" average in English
Grade level:	9, 10, 11, 12

In first year French, we work on listening, speaking, reading and writing in French. A special emphasis is given to listening and speaking. Students will acquire these language skills through the use of storytelling. The class is intended to give the student a basis in good, grammatically correct, everyday French with emphasis on appropriate current expressions and vocabulary. In addition to storytelling, we sing songs, do skits and learn about the culture of France, including holidays and everyday life.

### **GERMAN 1-2**

Length of class:	Year, 1 credit, must pass 1st Sem in order to continue 2nd Sem
Prerequisite:	Recommend a "C" average in English
Grade level:	9, 10, 11, 12

The primary goal is to help students develop proficiency in the four basic skills: listening, speaking, reading, and writing. At the same time, the class aims to increase the students' knowledge and appreciation of the diverse cultures of the countries where German is spoken. The emphasis is on communication with grammar and vocabulary presented in culturally authentic situations through storytelling.

### **SPANISH 1-2**

Length of class:	Year, 1 credit, must pass 1st Sem in order to continue 2nd Sem
Prerequisite:	Recommend a "C" average in English. Recommend a "C" average in Spanish to continue to 2nd Sem
Grade level:	9, 10, 11, 12

This course provides a basic study in Spanish, emphasizing listening comprehension, speaking, reading, and writing. In addition to the text, audio (both spoken and music), videos, and language games are used to make the language and culture more meaningful to the student. Students will also acquire language skills through storytelling.