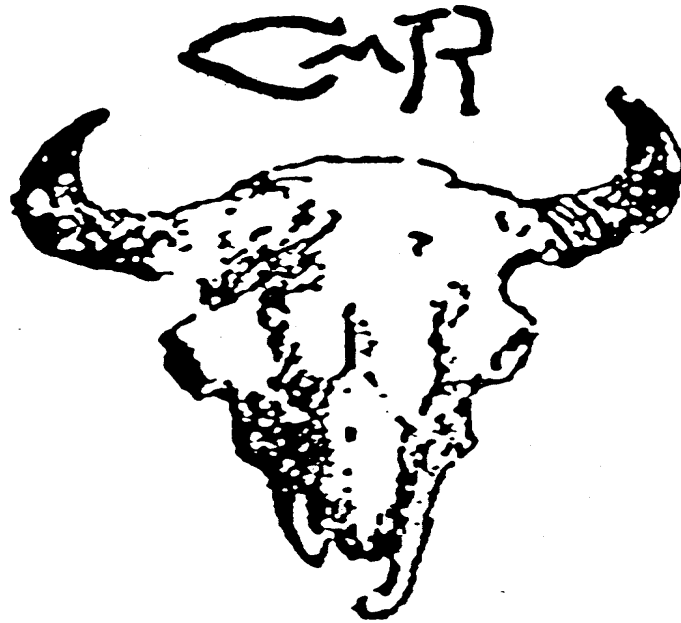

FRESHMAN CLASS OF 2022



RUSTLERS

2018 - 2019
CATOLOG OF COURSE DESCRIPTIONS

C.M. RUSSELL HIGH SCHOOL
GREAT FALLS, MT

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

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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.



Kerry Parsons
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 4th year of Science or a 2nd year of Music) or any class that does not fit in the required class category (like Speech). 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 for 2018-2019 for information on Advanced Placement, Dual Credit, and Online courses. Currently there are no Advance Placement, Dual Credit or Online courses available for 9th 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 shall 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
 - Multimedia
 - Marketing
 - Personal Finance
 - Intro to Computer Science Principles
2. Any course listed in Family and Consumer Sciences
 - Culinary Arts 1-2
 - Fashion Design & Construction 1, 2
 - Interior Design 1, 2
3. Any course listed in Industrial Technology
 - Intro to Industrial Tech
 - Ag Leadership
 - Introduction to Agriculture
 - Agriculture Applications
4. Any course listed in Publications
 - Introduction to Journalism
 - Newspaper Workshop
 - Yearbook Workshop
5. Any of the following other courses
 - 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 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**

English	4 Credits
English 1-2	1.00
English 3-4	1.00
English 5-6	1.00
English 7-8	1.00
Math	3 Credits
One credit must include Algebra I	
Social Studies	3 Credits
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
Earth & Space Science	1.00
Biology 1-2	1.00
Science Elective	1.00
Health Enhancement	2 Credits
Health/PE 1-2	1.00
Health/PE 3-4	1.00
Financial Tech Skills	.5 Credit
Career and Technical	1 Credit
Agriculture	*Media Production
Business	*Journalism/Yearbook/Newspaper Workshop
Family and Consumer Science	*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
Choose 1 credit from any combination of:	
Art	
Drama	
Music	
General Electives	5.5 Credits
Within these Electives, a student must plan for 1 additional credit in:	
Career/Technical or Fine Art	
OR	
2 credits in World Language	
Total Credits	23 Credits

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

English **4 Credits**

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

Math **3 Credits**

One credit must include Algebra I

Social Studies **3 Credits**

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**

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

Health Enhancement **2 Credits**

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

Financial Tech Skills **.5 Credit**

*May be counted toward CTE total of 1 credit.

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

Choose .5-1 credit from any combination of:

Agriculture	*Media Production
Business	*Journalism/Yearbook/Newspaper Workshop
Family and Consumer Science	*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**

Choose 1 credit from any combination of:

- Art
- Drama
- Music

General Electives **5.5-6.0 Credits**

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 Science)
- Fine Arts/Humanities

Total Credits **23 Credits**

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

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

English	4 Credits
English 1-2	1.00
English 3-4	1.00
English 5-6	1.00
English 7-8	1.00
Math	4 Credits
One credit must include Algebra I	
Social Studies	3 Credits
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
Earth & Space Science	1.00
Biology 1-2	1.00
Science Elective	1.00
Health Enhancement	2 Credits
Health/PE 1-2	1.00
Health/PE 3-4	1.00
Financial Tech Skills	.5 Credit
*May be counted toward CTE total of 1 credit.	
Career and Technical	*.5-1 Credit
Choose .5-1 credit from any combination of:	
Agriculture Business Family and Consumer Science 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.	
Fine Arts	1 Credit
Choose 1 credit from any combination of:	
Art Drama Music	
General Electives	8.0-8.5 Credits
Within these Electives, a student must plan for 1 additional credit in:	
Career/Technical or Fine Art OR 2 credits in World Language	
Total Credits	26 Credits

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

CREDITS EARNED

ENGLISH		4 credits required
English 1	English 2	
English 3	English 4	
English 5	English 6	
English 7	English 8	

SOCIAL STUDIES		3 credits required
Ess World History 1	Ess World History 2	
MT Government		
US History 1	US History 2	
Government		

MATH		3 credits required
Algebra I	Algebra I	

SCIENCE		3 credits required
Earth/Space 1	Earth/Space 2	
Biology 1	Biology 2	

*CAREER TECHNICAL	1 credit required

*FINE ARTS	1 credit required

HEALTH/PE		2 credits required
Health 1	PE 1	Health 2 PE 2
Health 3	PE 3	Health 4 PE 4

*FINANCIAL TECH SKILLS	.5 credit required

*GENERAL ELECTIVES		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

9th GRADE

1 st Semester	2 nd 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_____

10th GRADE

1 st Semester	2 nd 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_____

11th GRADE

1 st Semester	2 nd Semester
English 5_____	English 6_____
US History 1____	US History 2____
Math_____	Math_____
Science_____	Science_____
Elective_____	Elective_____
Elective_____	Elective_____
Elective_____	Elective_____

12th GRADE

1 st Semester	2 nd 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

ENGLISH		4 credits required
English 1	English 2	
English 3	English 4	
English 5	English 6	
English 7	English 8	

SOCIAL STUDIES		3 credits required
Ess World History 1	Ess World History 2	
MT Government		
US History 1	US History 2	
Government		

MATH		3 credits required
Algebra I	Algebra I	

SCIENCE		3 credits required
Earth/Space 1	Earth/Space 2	
Biology 1	Biology 2	

*CAREER TECHNICAL	.5-1 credit required

*FINE ARTS	1 credit required

HEALTH/PE		2 credits required
Health 1	PE 1	Health 2
Health 3	PE 3	PE 2
		Health 4
		PE 4

*FINANCIAL TECH SKILLS	.5 credit required

*GENERAL ELECTIVES		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.

9th GRADE

1 st Semester	2 nd 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_____

10th GRADE

1 st Semester	2 nd 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_____

11th GRADE

1 st Semester	2 nd Semester
English 5_____	English 6_____
US History 1____	US History 2____
Math_____	Math_____
Science_____	Science_____
Elective_____	Elective_____
Elective_____	Elective_____
Elective_____	Elective_____

12th GRADE

1 st Semester	2 nd Semester
English 7_____	English 8_____
Gov/Elective____	Gov/Elective____
Elective_____	Elective_____
Elective_____	Elective_____
Elective_____	Elective_____
Elective_____	Elective_____
Elective_____	Elective_____

**CHARLES M RUSSELL HIGH SCHOOL
HONORS DIPLOMA REQUIREMENTS
(26 CREDITS, 3.33 CUM. GPA & 6 CREDITS OF AP/HONORS/EARLY COLLEGE)**

CREDITS EARNED

ENGLISH		4 credits required
English 1	English 2	
English 3	English 4	
English 5	English 6	
English 7	English 8	

SOCIAL STUDIES		3 credits required
Ess World History 1	Ess World History 2	
MT Government		
US History 1	US History 2	
Government		

MATH		4 credits required
Algebra I	Algebra I	

SCIENCE		3 credits required
Earth/Space 1	Earth/Space 2	
Biology 1	Biology 2	

*CAREER TECHNICAL	.5-1 credit required

*FINE ARTS	1 credit required

HEALTH/PE		2 credits required
Health 1	PE 1	Health 2
Health 3	PE 3	PE 2
		Health 4
		PE 4

*FINANCIAL TECH SKILLS	.5 credit required

*GENERAL ELECTIVES		8.0-8.5 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

9th GRADE

1st Semester	2nd 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_____

10th GRADE

1st Semester	2nd 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_____

11th GRADE

1st Semester	2nd Semester
English 5_____	English 6_____
US History 1____	US History 2____
Math_____	Math_____
Science_____	Science_____
Elective_____	Elective_____
Elective_____	Elective_____
Elective_____	Elective_____

12th GRADE

1st Semester	2nd Semester
English 7_____	English 8_____
Gov/Elective____	Gov/Elective____
Elective_____	Elective_____
Elective_____	Elective_____
Elective_____	Elective_____
Elective_____	Elective_____
Elective_____	Elective_____
Elective_____	Elective_____

ART DEPARTMENT

ART WORKSHOP 1-2

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

This one-year course introduces students to the Elements of Art and Principles of Design while developing drawing skills and painting techniques. Studio experiences in the classroom will give students opportunities to experience a variety of media while developing 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 portfolio of artwork. **Art Workshop 1-2 is a prerequisite to all other art classes.**

ART WORKSHOP 3-4

Length of class: Year, 1 credit
Prerequisite: Art Workshop 1-2/OR Instructor Approval
Grade level: 9 (**with instructor approval only**), 10, 11, 12

An advanced level course in drawing, painting and 3-D materials with an emphasis on developing a greater depth of problem solving and application of the Elements and Principles of Design. Students will expand on building a portfolio of their work and the critique process.

BUSINESS

All courses listed below are designed in a unique and co-operative learning environment, referred to as 'The COMPANY', where students are considered "employees" and teachers are their "directors".

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. Employees 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. Employees 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 employees 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 employees 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.

MULTIMEDIA

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

Employees 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 employees 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

Employees 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 only available at Great Falls High 7:00 AM – Students responsible for transportation)

Length of Class: Semester/Year, ½ or 1 credit
Prerequisite: None
Grade Level: 9, 10, 11, 12 (upper levels given preference)

Air Force Junior Reserve Officer Training Corps (AFJROTC) is a program designed to develop citizens of character dedicated to serving their nation and community. Each AFJROTC class consists of three components—leadership education, aerospace science, and a wellness program. Leadership Education offers students many opportunities to shape their character. Students will learn about character development while many character-building topics are discussed. Elements of good citizenship are instilled in students. They are introduced to the Air Force organizational structure, uniform wear, military customs and courtesies, flag etiquette, citizenship in the United States, first aid, health and wellness, fitness, individual self-control, and basic drill and ceremonies. Aerospace Science study includes the history of aviation, cultural studies of major world regions, science of flight, and basics of space exploration. Through the study of history of aviation, cadets will learn about the development of flight throughout the centuries. Through cultural studies, students will learn to see their world through many different perspectives. This part of the course introduces students to the study of world affairs, regional studies, and cultural awareness. Wellness is an official and integral part of the Air Force Junior ROTC program. The objective of the Wellness/Physical Training Program is to motivate cadets to lead healthy, active lifestyles beyond program requirements and into their adult lives.

There are several extracurricular programs embedded in the program that are completely voluntary; they include: Color Guard (presenting the American Flag at ceremonies/sports events/various functions) Drill and Ceremony Team (teams that compete in marching competitions) Archery Team (learn basics of archery and compete in shooting competitions) Marksmanship Team (learn basics of shooting air rifles and compete in shooting competitions) Multi-copter Club (learn basics of drone operations) Physical Training Club (teams that train and compete in fitness competitions)

INTRODUCTION TO JOURNALISM

Length of class: Year, 1 credit
Prerequisite: None
Grade level: 9, 10, 11 (**Grade 12 with special instructor permission**)

Student 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 actual assignments that will appear in one of the three CMR publications.

This course counts toward fulfillment of the Career Technical requirement.

NEWSPAPER & YEARBOOK

Length of class: Semester, ½ credit, 9th grade 2nd Sem **ONLY**
Prerequisite: Intro to Journalism, and/or Instructor Permission, 2.5 GPA recommended
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 Newspaper or Yearbook workshop for the spring semester. Final placement in the workshop is dependent on the grade and performance demonstrated in the intro class.

This course counts 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.*

SIGN LANGUAGE (Dual Credit)

Length of class: 2nd Semester **ONLY**, ½ credit
Prerequisite: None
Grade level: 9, 10, 11, 12 (Upper grade levels will be given preference)

This is a beginning-level class in sign language in terms of developing expressive and receptive abilities in American Sign Language (ASL), Manually Coded English (MCE), and Signed Exact English (SEE). Fluency with individual words and conversational sentences will be developed through lecture, discussion, small and large group activities, and individual study by students. The main goal is to develop fluency in basic expressive and receptive aspects of Sign Language so that a student may be able to initiate/maintain a basic conversation with a deaf or hard-of-hearing person in a store, restaurant, or casual conversation situation. Care is taken to discuss aspects of Deaf culture and issues related to being deaf, hard-of-hearing, and associated topics.

This course is offered for Dual Credit through MSU – Great Falls College. In order to receive dual credit, the student MUST be 16 years or older.

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. College plans
5. Good standardized test scores
6. Consistent attendance in school
7. Maturity
8. Willingness to remain a member of the group for the entire year
9. Willingness to do summer reading and writing assignments
10. Willingness to read more difficult reading selections at a faster pace and greater detail than regular English

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. Literature selections include Romeo and Juliet, The Odyssey, and Of Mice and Men.

ENGLISH 1-2 HONORS

Length of class: Year, 1 credit
Prerequisite: 8th Grade English and Honors/AP Criteria listed at the start of this section
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. Students must be willing to read classics and more difficult authors such as Dickens, Steinbeck and Poe. Students must demonstrate higher level thinking skills and possess strong writing skills. Honors English students must be willing to complete summer reading and writing assignments.

FAMILY & CONSUMER SCIENCE

CULINARY ARTS 1-2

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

Class contains basic to intermediate food preparation with an emphasis on skills, techniques, presentation, and organization. Safe food handling practices will be emphasized. This class is a pre-requisite to Culinary Arts 3/Hospitality, Tourism & Recreation. **Students must pass this class with a C or better to continue.**

FASHION, DESIGN, & CONSTRUCTION 1

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

This is a class for those students interested in fashion, design, merchandising and construction. Students will learn how to apply design principles to a variety of projects using basic sewing techniques with the conventional sewing machine, serger, and embroidery machine to support design and creativity. Presentation of student projects is required.

FASHION, DESIGN, & CONSTRUCTION 2

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

The emphasis in this class is on creativity, design, and incorporating current fashion trends into the class content. This course covers intermediate sewing techniques. Students will design projects on the computerized embroidery machine. The focus will be on careers and sewing for profit and an exploration of current trends in the fashion industry will be investigated.

INTERIOR DESIGN 1 (Dual Credit)

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

This class enables students to explore their creativity in the field of Interior Design. Students will study the elements of design and backgrounds and lighting in relationship to designing personal space. Field trips will explore the world of Interior Design careers.

This class is offered for dual credit through Gallatin College - MSU, for those students who qualify to take dual credit. Please note dual credit will only be awarded for those taking Interior Design 1 AND 2. Students interested in dual credit will have additional assignments throughout the year.

INTERIOR DESIGN 2 (Dual Credit)

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

Explore in depth the principles of design and apply them in a variety of hands-on projects. Students will experience design work involving the High School House. Historical periods of design along with modern applications will be emphasized. Career exploration will be examined.

This class is offered for dual credit through Gallatin College - MSU, for those students who qualify to take dual credit. Please note dual credit will only be awarded for those taking Interior Design 1 AND 2. Students interested in dual credit will have additional assignments throughout the year.

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 (open to 10, 11, and 12 for make-up)

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 (open to 10, 11, 12 for make-up)

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.

AEROBICS

Length of class: Semester, ½ credit; may be taken consecutive semesters
Prerequisite: PE 1-2 (**9th Graders must fill out an academic variance**)
Grade level: 9; (see above) 10, 11, 12

Aerobics 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 and gliders, step aerobics, physio balls, Pilates, yoga and resistance training.

Class may be taken multiple years for elective credit.

WEIGHT TRAINING

Length of class: Semester, ½ credit; may be taken consecutive semesters
Prerequisite: PE 1-2 (**9th Graders must fill out an academic variance**)
Grade level: 9; (see above) 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.

Class may be taken multiple years for elective credit.

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 grades.

AG LEADERSHIP

Length of class: Full year, ½ credit
Prerequisite: Must currently be enrolled in an Agriculture class, approved CTE course, or approved course of study.
Grade level: 9, 10, 11, 12
Fee: \$20.00 (includes FFA membership, subject to nationally regulated increase)

This class may be taken multiple years for credit. This course will not formally meet during the day but will be online and by appointment. Students will complete a Supervised Agricultural Experience (SAE) program consisting of a minimum of 20 documented hours including the appropriate record book documentation. Students will be required to participate in a FFA committee and a minimum of four (4) Career Development Events (CDE’s) at a local, regional, or state level. Students will individually schedule a minimum of 1.5 hours per month with the instructor(s) to review progress, refine skills, and build goals. The curriculum and instruction will focus on life knowledge and skills such as interpersonal relationships, information literacy, problem solving, critical thinking, and teamwork. FFA membership is required with this course.

INTRODUCTION TO AGRICULTURE

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

This course is an overview of the physical agricultural systems and industry. It will introduce students to plant systems, animal systems, power structural and technical systems, natural resource systems, agribusiness systems, food products and processing. Instruction will utilize career exploration, laboratory experiences, and direct instruction. FFA membership is a privilege that is provided with this course.

AGRICULTURE APPLICATIONS

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

This course is an overview of the biological agricultural systems and industry. It will introduce students to plant systems, animal systems, power structural and technical systems, natural resource systems, agribusiness systems, food products and processing. Instruction will utilize career exploration, laboratory experiences, and direct instruction. FFA membership is a privilege that is provided with this course.

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.

ALGEBRA I HONORS

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.

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)

Do you want music to be a part of your school day? This music course will introduce you to the fundamentals of music, using the guitar as the main method of delivery. 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 WOMEN'S CHOIR

Length of class: Year, 1 credit
Prerequisite: SELECTION BY DIRECTOR THROUGH AUDITION PROCESS
Grade level: 9

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

MEN'S CHOIR

Length of class: Year, 1 credit
Prerequisite: SELECTION BY DIRECTOR THROUGH AUDITION PROCESS
Grade level: 9

This is a choir for all freshman boys 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 Maverick 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.

ORCHESTRAS

STRING ENSEMBLE

Length of class: Year, 1 credit
Prerequisite: Previous string experience or the approval of the director. **NO AUDITION NECESSARY** for this group.
Grade level: 9, 10, 11, 12

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 will be exposed to the 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 will be expected to perform outside of the school day at concerts, festivals and clinics put on by visiting guest artists.

CONCERT ORCHESTRA

Length of class: Year, 1 credit
Prerequisite: Open to string students with previous experience. **STUDENTS MUST AUDITION** with the director for this group and be academically eligible to participate.
Grade level: 9, 10, 11, 12

Concert Orchestra 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 will be exposed to a larger 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 will be expected to perform outside of the school day at concerts, festivals and clinics put on by visiting guest artists.

CHAMBER ORCHESTRA

Length of class: Year, 1 credit
Prerequisite: Open to string students with extensive previous experience and **ONLY BY AUDITION** with the director. Students must also be academically eligible.
Grade level: 9, 10, 11, 12

Chamber Orchestra 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 will be exposed to: a significant symphony orchestra experience, and a larger 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 will be expected to perform outside of the school day at concerts, festivals and clinics put on by visiting guest artists. This class will also represent CMR at festivals and concerts outside of Great Falls.

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 giving 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 will 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 story telling.