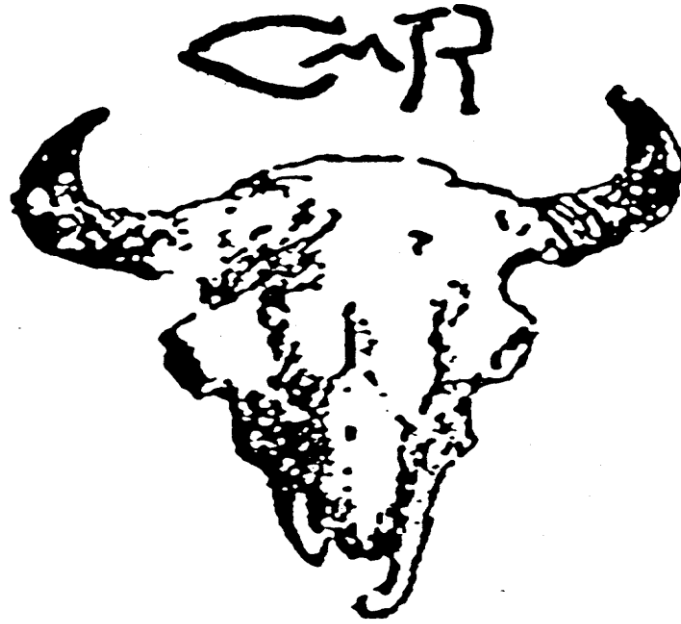

FRESHMAN CLASS OF 2018



RUSTLERS

2014 – 2015

COURSE DESCRIPTION BOOK

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 of 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.

This book is used throughout the school year and is revised each spring. Please do not throw it away. If it has no value to you, please return the book to the CMR Advisement Center for recycling.

If you have any suggestions to improve this book, please inform the CMR Office Staff or the CMR Counseling Staff. Your suggestions are always welcome.

Thank you.



Dick Kloppel
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 2014-2015 for information on Advanced Placement, Dual Credit, and Online courses. At this time 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.

One additional credit in Career/Technical or Fine Art or 2 credits in Foreign Language will meet the Concentration Elective Requirement.

CAREER/TECHNICAL OPTIONS

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

1. Any course listed in the Business Department
 - Info Processing
 - Business Law
 - Jobs for Montana Graduates
 - Multimedia
 - Marketing
 - Entrepreneurship
 - Personal Finance
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 1
 - Ag Leadership
4. Any course listed in Publications
 - Introduction to Journalism
 - Newspaper Workshop
 - Yearbook Workshop
 - RustlerNews.com Workshop
5. Any of the following other courses
 - Introduction to Athletic Training
 - 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
2. Any course listed in the Theatre Arts Department
 - Introduction to Theatre
3. Any course listed in the Music Department
 - Choir (all levels)
 - Band (all levels)
 - Orchestra (all levels)
 - Guitar 101
4. Any of the following courses
 - Video Production
 - Video Production II

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 1

Social Studies **3 Credits**

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

Science **3 Credits**

Foundations of 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 Credits**

Career and Technical **1 Credit**

Choose 1 credit from any combination of:

- Industrial Technology
- Family and Consumer Science
- Business and Marketing
- Media Production
- Newspaper
- Yearbook
- Stagecraft
- Video Production

Fine Art or Performing Arts **1 Credit**

Choose 1 credit from any combination of:

- Music
- Art
- Theatre Arts

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**

**CHARLES M RUSSELL HIGH SCHOOL GRADUATION REQUIREMENTS
23 CREDITS (EFFECTIVE CLASS OF '06)**

CREDITS EARNED

4-YEAR PLAN

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

SOCIAL STUDIES		3 credits required
EssWH 1	EssWH 2	
MT Gov		
US Hist 1	US Hist 2	
Sr Govt		

MATH		3 credits required
Alg 1	Alg 1	

SCIENCE		3 credits required
FOS 1	FOS 2	
Bio 1	Bio 2	

*CAREER TECHNICAL	1 credit required
Busi, FCS, IT, Media Production, Stagecraft	

*FINE ARTS	1 credit required
Music, Art, Theatre Arts	

HEALTH ENHANCEMENT				2 credits required
Hlth 1	PE 1	Hlth 2	PE 2	
Hlth 3	PE 3	Hlth 4	PE 4	

*FINANCIAL-TECH SKILLS	.5 credits required

*ELECTIVES	5.5 credits required

*CONCENTRATION ELECTIVES	2 credits required
From course work above, please keep track below of your Concentration Electives which must be 2 credits from one of the following areas:	
Career Technical	
Fine Arts	
World Languages	

9 th Grade	
<i>1st Semester</i>	<i>2nd Semester</i>
English 1 _____	English 2 _____
EssWH 1 _____	EssWH 2 _____
Math _____	Math _____
FOS 1 _____	FOS 2 _____
H/PE 1 _____	H/PE 2 _____
Elective _____	Elective _____
Elective _____	Elective _____

10 th Grade	
<i>1st Semester</i>	<i>2nd Semester</i>
English 3 _____	English 4 _____
MtGov/Elective _____	MtGov/Elective _____
Math _____	Math _____
Bio 1 _____	Bio 2 _____
H/PE 3 _____	H/PE 4 _____
Elective _____	Elective _____
Elective _____	Elective _____

11 th Grade	
<i>1st Semester</i>	<i>2nd Semester</i>
English 5 _____	English 6 _____
US Hist 1 _____	US Hist 2 _____
Math _____	Math _____
Science _____	Science _____
Elective _____	Elective _____
Elective _____	Elective _____
Elective _____	Elective _____

12 th Grade	
<i>1st Semester</i>	<i>2nd Semester</i>
English 7 _____	English 8 _____
Gov/Elective _____	Gov/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

Entry level/beginning art course. This is an overview of 2-D and 3-D techniques based on the principles and elements of design. A portfolio will be kept. A wide variety of media will be explored. Art Workshop is a prerequisite to all other art classes.

BUSINESS

THE COMPANY (Rustler's, Inc.)

All Business courses, except Accounting 1, will be offered in the COMPANY format. What this means is approximately 50 students (employees) running the COMPANY will all have differing roles depending on what credit they are earning. For instance, the office manager will earn management credit for that semester. There will be a marketing department, a finance department, etc... Employees in all curricular (career) areas will work from modules by which they will be held accountable for a semester's worth of "real business world" activities, while earning credit in any of the business courses, except accounting. Rustler's, Inc. employees will earn professional development, increase soft skills, attend seminars including guest speakers from local businesses, and attend field trips and job shadows relative to their career areas. As we evolve to an Academy, "employees" will complete in-house and community products as they learn profitability and shareholding within the business they are running.

BUSINESS LAW

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

This course will cover the following topics: law and justice, contract law, the law of sales, property law, agency and employment law, legal forms of business organization, and borrowing money and paying bills. In the COMPANY format, legal assistants can expect to "represent," research for, and negotiate for the COMPANY within the confines of business law.

ENTREPRENEURSHIP

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

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.

INFORMATION PROCESSING

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

This course emphasizes speed building using the touch system of keyboarding for personal use and/or preparation for advanced computer use. Letters, memos, tables and reports will be introduced. This is a good class to take if students are not adept at keyboarding. Proofreading and following instructions will be stressed in learning to set up special business applications on the computer

JOBS FOR MONTANA'S GRADUATES - JMG

Length of class: Full year, ½ credit per Sem; may be taken for a semester with instructor permission

Prerequisite: None

Grade level: 9, 10, 11, 12

JMG is a nationally recognized club being offered as a class that will assist the student in developing and defining career goals. JMG will encourage planning for the years immediately following graduation from high school, stimulate the student's initiative, support teamwork and leadership skills, and develop skills to secure and keep a job. Club Members will develop a feeling of pride in accomplishment. There will also be opportunities to attend leadership conferences. This class also counts as a prerequisite for the Work Exp class. *Transcript will read: Business Independent Study

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, a study of consumer motivation, 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 Dreamweaver, 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.

ELECTIVES

ARGUMENTATION & DEBATE

Length of class: Semester, ½ credit, 1st Sem **ONLY**
Prerequisite: None
Grade level: 9, 10, 11, 12

This course is a concentrated study of the techniques of debate and argumentation. Current topics of national or international importance will be considered. Members of this class are encouraged to be participants on the C. M. R. Speech and Debate Team.

SPEECH 1

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

This course will focus on informative speaking skills including demonstration, expository, oral interpretation of literature, impromptu, and speech to entertain. The students will be responsible for speaking assignments, writing, and organization skills through the communication process

SPEECH 2

Length of Class Semester, ½ credit, 2nd Sem **ONLY**
Prerequisite: Speech 1
Grade level: 9, 10, 11, 12

This course will focus on persuasive speaking skills including impromptu, original oratory, extemporaneous speaking, Parliamentary procedure, sales speeches, and the Lincoln-Douglas Debate. The students will be responsible for speaking assignments in the above mentioned areas and various research skills. Writing and organization skills will also be taught.

INTRODUCTION TO ATHLETIC TRAINING

Length of class: Semester, ½ credit
Prerequisite: None
Grade Level: 9, 10, 11, 12
Material Fees: \$25

This course is offered for students interested in exploring the field of Athletic Training as a profession in a hands-on, activity based environment or in participating in our high school student athletic training program. Students who complete this course are not automatically an athletic training student for CMR athletic teams nor are athletic training students required to take this course, although it is highly recommended. This course counts as a Career/Technical credit.

INTRODUCTION TO JOURNALISM

Length of class: Full Year
Prerequisite: Serious interest in publications, strong academic performance
Grade level: 9, 10, 11 (Grade 12 with special permission from instructor only)

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

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

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, & RUSTLERNEWS.COM

Length of class: Semester, ½ credit, 9th grade 2nd Sem **ONLY**
Prerequisite: Intro to Journalism
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, Yearbook, RustlerNews.com, or Photo-Journalism workshop for the spring semester. Final placement in the workshop is dependent on the grade and performance demonstrated in the intro class.

SIGN LANGUAGE

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

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.

TRANSITION

Length of class: Semester or Year
Prerequisites: Referral **ONLY**
Grade Level: 9th

This class is designed to aid academically at risk 9th graders find a pathway to success. An individual education plan is designed for each student with the goal of earning a minimum of 4.5 credits in the 9th grade level. Students are admitted into the program under the following criteria: poor attendance, low academic performance, history of retention or social promotion, emotional/psychological issues, previous response to interventions, parent/guardian and student commitment.

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 Fine Arts OR Career Technical credits.

VIDEO PRODUCTION II

Length of class: 2nd Semester **ONLY**, 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 Fine Arts OR Career Technical credits.

ENGLISH

Criteria for Enrollment in CMR English Honors and AP Courses

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: Full 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. Students have the opportunity to complete ServSafe Certification in the Level 2 portion of class. Pre –Requisite to Hospitality, Tourism & Recreation/Culinary Arts 3; 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. Student 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. Fabric applications may include dyeing, printing and painting.

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. Student will design projects on the computerized embroidery machine. The focus will be on careers and Sewing for Profit. An exploration of current trends in the fashion industry will be investigated

INTERIOR DESIGN 1

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.

INTERIOR DESIGN 2

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 & apply them in a hands-on experiential way. 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. hours may be incorporated.

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 as make-up

Health is a required course that meets every other day according to the calendar date. 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, and 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. 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 and 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.

AGRICULTURE I

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

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.

AG LEADERSHIP

Length of class: Full year, ½ credit
Prerequisite: You must be currently enrolled in one of the ag classes
Grade level: 9, 10, 11, 12
Fee: \$20.00 (includes FFA membership, subject to nationally regulated increase)

This course will not formally meet during the day but rather 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 three 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.

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 Co-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, students who fail 1st Sem may need to drop the course

Prerequisite: This class is by recommendation **ONLY**

Grade level: 9, 10, 11, 12

Provides a foundation for Algebra 1. Topics include solving equations, graphing linear functions, solving systems of equations, polynomial simplifications, area, perimeter, introductory statistics, factoring and solving basic quadratic equations.

ALGEBRA 1

Length of class: Year, 1 credit

Prerequisite: Pre-Algebra (8th grade math), students who fail 1st Sem must drop the course

Grade level: 9, 10, 11, 12

The course covers solving linear and quadratic equations, graphing linear functions, factoring, simplifying rational expressions, solving rational equations and simplifying radicals. This course is required for graduation.

ALGEBRA 1 CPM

Length of class: Year, 1 credit, students who fail 1st Sem must drop the course.

Prerequisite: Pre-Algebra (8th grade math), students who fail 1st Sem must drop the course.

Grade level: 9, 10, 11, 12

This course covers the same topics as Algebra 1. The difference between this and Algebra 1 is the delivery of the instruction. CPM (College Preparatory Math) uses a variety of teaching methodologies, including lecture, class discussions, manipulatives, and structured study teams. During class, students are actively working on guided investigations, much like “math labs”, to develop mathematical concepts and problem solving. Teachers lecture regularly and summarize lessons based on observed needs of the students. Students must be willing to work in groups on a daily basis.

ALGEBRA 1 HONORS

Length of class: Year, 1 credit, students who fail 1st Sem must drop the course
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

Similar to the content in Algebra 1 but with greater depth in the topics studied as well as additional topics at the discretion of the instructor. The class will also cover the material presented in a shorter amount of time than in Algebra 1.

GEOMETRY

Length of class: Year, 1 credit, students who fail 1st Sem must drop the course
Prerequisite: Algebra 1, (C or better advised)
Grade level: 10, 11, 12

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-kimensional relations) is included.

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

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. Major concepts covered will include music fundamentals, world music and culture, composition and songwriting. Students who are enrolled in band, choir or orchestra are welcome to enroll in this class as well, however students who drop a performance class (band, choir, and orchestra) without permission from their instructor will not be admitted into this class. This is a fine arts credit.

CHOIRS

CHANSON WOMEN'S CHOIR

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

This choir of female singers will prepare a variety of music. Development of skills will enable students to become competent and sensitive performing musicians. Participation in all scheduled public performances is required.

CONCERT CHOIR

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

This is a mixed Freshman choir. Singers will prepare a variety of music. Participation in scheduled public performances is required.

MEN'S CHOIR

Length of class: Year, 1 credit
Prerequisite: SELECTION BY DIRECTOR THROUGH AUDITION PROCESS.
Grade level: 9, 10, 11, 12

This choir of male singers will prepare a variety of music. Development of skills will enable students to become competent and sensitive performing musicians. Participation in all scheduled public performances is required.

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.

CHAPARRAL 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

Chaparral 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 Chaparral 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 Chaparral and 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

FOUNDATIONS OF SCIENCE

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

Foundations of Science is offered in the science department to allow the student to develop a sound science background. This course will include a study of introductory physics, chemistry, earth and space science.

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

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

Improvisation acting, rehearsing, and production, stage terminology, theater history and dramatic literature. This course is an introduction to basic dramatic skills and an appreciation of theater.

WORLD LANGUAGES

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

Students who have below a "C" average in French 1 at the end of 1st semester could have difficulty being successful in French 2 during 2nd semester.

Attention is given to reading, writing, listening, and speaking in French with special emphasis on 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.

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.

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, tapes (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.