

9th Grade Course Catalog

2023-2024



**MOUNTAIN IRON-BUHL
HIGH SCHOOL**

Dear Parents, Guardians and Students,

Please review this course catalog to assist in selecting courses for the 2020-2021 school year. Families are encouraged to discuss course selections. If you have any questions, please don't hesitate to contact Mrs. Hultman in the counseling office at 735-8271 ext. 1007 or ahultman@isd712.org

Academic Requirements

In order to be on track to graduate, you must fulfill your Mt. Iron-Buhl's academic requirements. ISD #712 requires a minimum of 24 high school credits to graduate including:

English	4 credits	Phy. Ed.	.5 credit
Social Studies	4 credits	Health	.5 credit
Mathematics	3 credits	Fine Arts	1 credit
Science	3 credits	Electives	8 credits

Ninth Grade Curriculum

English -	1 credit
Math -	1 credit
Science -	1 credit
Soc. Stud. -	1 credit
Phy. Ed. -	.5 credit
Health -	.5 credit
FACS -	.5 credit
Ind. Tech. -	.5 credit
Elective -	<u>1 credit</u>
Total -	7 credits

High School Transcripts

A high school transcript is a document that details a student's academic achievement in grades 9-12. High school transcripts contain the following information:

- Grades and credits for each course completed, starting with grade 9
- Attendance records
- Current cumulative GPA and class rank
- State graduation test scores
- College test scores (ACT or SAT)

Transcripts are used by colleges to determine whether or not the applicant meets the admission requirements. Many scholarships also require a copy of high school transcripts.

COURSE DESCRIPTIONS

CORE COURSES:

English 9: Language Arts

Grade 9

Semester I and II, 1 credit

This course will involve continued development of the English language. Oral and written skills are stressed through grammar and usage, composition, oral speaking and presentation skills. Students will be introduced to various types of literature and authors which includes technical writing, short stories, and novels, and creative writing. Students will also be preparing for the state MCA. (MCCC 01054)

Intermediate Algebra

Grades 9

Semester I and II, 1 credit

This is a beginning course in the high school sequence that will prepare the student for all further mathematics offerings. The topics covered by the course include: (1) algebraic expressions and equations processes; (2) the x-y plane; (3) exponent and scientific number forms; 4) percent, ratios and rates; (5) data analysis methods; plus (6) the geometric concepts of measured area and volume. Basic problem solving strategies will be learned and applied through word problem exercises. (MCCC 02142)

Geometry

Grades 9-10

Semester I and II, 1 credit

Geometry is a rich environment in which students of mathematics can explore the relationships among points, lines, and planes in two and three dimensions. Topics covered include measurement, angles, lines, triangles, polygons, congruence, similarity, circles, area, volume, constructions, basic trigonometry, and a continuous review of basic algebra. Geometry and Algebra courses may be taken during the same school year with mathematics department approval. (MCCC 02072)

***NOTE:** Geometry is typically taken in grade 10. Teacher discretion will be used to determine if 9th grade students have the skills to be successful in Geometry.

Physical Science

Grade 9

Semester I & II, 1 credit

Students will study the disciplines of chemistry and physics, focusing on the following: chemical and physical changes, structure and properties of matter, energy transformations, motion and forces of nature. (MCCC 03159)

World Geography

Grade 9

Semester I & II, 1.0 credit

Students will utilize physical and cultural perspectives to examine people, places, and environments at local, regional, national and international levels. Students describe the influence of geography on the events of the past and present with an emphasis on contemporary issues. (MCCC 04052)

Health 9**Grade 9****One Semester, .5 credit**

Health Education provides students with knowledge, attitudes, and skills to make health-promoting decisions. Good Health is not a one-time decision but a series of decisions continuing throughout our lives.

Health Education is crucial to enhance the overall health and well-being of individuals and their respective communities. Health will provide students with knowledge, attitudes, and skills to make healthy decisions for life-long health and wellness. (MCCC 08051)

Physical Education 9**Grade 9****One Semester, .5 credit**

Students will use decision-making processes to select appropriate physical activities to achieve fitness. They will also demonstrate an understanding of the training necessary to improve fitness and the rules and skills associated with physical activities. Students will demonstrate knowledge and skills in an aerobic activity and at least two other physical fitness activities. (MCCC 08001)

ELECTIVES:**Small Gas Engines****Grades 9-12****Semester I and II, 1 credit**

Topics include shop safety, tool usage, parts identification, basic maintenance and repair. First, students will start and run a Briggs-and-Stratton motor to check for proper operation. Next, the engines are completely disassembled, make repairs and adjustments, and reassemble. Finally, we will start the engines and ensure that they are running smoothly. Students can bring in their own engines from home and work on them. (Students are not required to bring an engine from home. There are extra engines in the shop). As always, careers in the world of engine technology are explored. (MCCC 20110)

Engineering Design**Grades 9-12****Semester I & II, 1 credit**

This course implements the EPICS curriculum to help students gain an understanding of the profession of engineering, tools used in the engineering field (including SolidWorks, 3D printer, vinyl cutter, and laser engraver), the pathway to obtaining an engineering education, and being members of a learning community involving faculty, staff and fellow students. Multiple hands-on projects, as well as motivational discussions and professional techniques are incorporated to meet these goals.

Spanish I**Grades 9-12****Semester I and II, 1 credit**

Spanish I is an introduction to the language and culture of the Spanish-speaking world. This course is designed to help learners acquire the knowledge of a second language by utilizing the four skills of reading, writing, listening, and speaking. Development of these four skills will occur in a curriculum that emphasizes role-playing games, educational videos, crafts, and plenty of work on oral efficiency. Active participation, regular class attendance, and daily practice are the keys to success in this course and are therefore, strongly encouraged. (MCCC 06101)

Woodworking**Grades 9-12****Semester I and II, 1 credit**

This is an introduction to woodworking and its endless uses in everyday life as a renewable resource. Students will safely construct their projects using a variety of tools and machines. Students are required to either bring in their own purchased wood/hardware or buy these materials through the school. Sandpaper, glue, stain, and varnish are provided at no charge. The many careers in woodworking will be covered as well. (MCCC 13054)

FINE ARTS:**Senior Band****Grades 9-12****Semester I and II, 1 credit**

Senior Band will allow students to continue to work on important concepts of good musicianship, such as intonation and balance, as well as experience music of different styles and forms. Senior band members will have opportunities to perform throughout the year, including concerts, contests, and pep band. Students will also have the opportunity to perform solos and ensembles at subsection and section music contests. Attendance and participation at all performances is required. (MCCC 05101)

Senior Choir**Grades 9-12****Semester I and II, 1 credit**

Senior choir gives students the opportunity to develop their vocal and aural skills through performance of various musical styles and forms. Choir members will have many opportunities to perform throughout the school year, including concerts, contests, graduation, as well as various community events. Students will also have the opportunity to perform solos and ensembles at subsection and section music contests. Attendance and participation at All performances is required. (MCCC 05110)