



MONTEVIDEO HIGH SCHOOL

REGISTRATION BOOK

2024-2025

The policy of the school district is to provide equal education opportunities for all students. The school district does not unlawfully discriminate on the basis of race, color, creed, religion, national origin, sex, marital status, parental status, status with regard to public assistance, disability, sexual orientation, including gender identity and expression, or age. Students with disabilities are entitled to a free appropriate public education.

La política del distrito escolar es proporcionar igualdad de oportunidades de educación para todos los estudiantes. El distrito escolar no discrimina ilegalmente por motivos de raza, color, credo, religión, nacionalidad, sexo, estado civil, condición paterna, condición con respecto a la asistencia pública, discapacidad, orientación sexual, incluida la identidad y expresión de género, o edad. Los estudiantes con discapacidades tienen derecho a una educación pública apropiada y gratuita.

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REGISTRATION

- The registration handbook is distributed and/or available online.
- Students must work with their parents and teachers to determine the best classes.
- Study carefully the graduation requirements.
- All Students must register for a minimum of six (6) credits per semester.
- Check course specifics, i.e. pre-requisites, courses requiring special permission.

For example:

Work Experience students must also register for Freshman Seminar and obtain the signature of the instructor.

- Repeat any required classes that were previously failed. See the Student Center as soon as possible to plan to make up for the deficiency.
- Students register with their advisor
- Based on this preliminary information, a master schedule will be prepared. The number of sections will be determined, teachers will be assigned, and some courses may be canceled.
- Students are given opportunities and expected to check their schedules prior to the beginning of each semester.

All drop/adds should be done before the semester starts. Students dropping/withdrawing from a course must do so **within 5 days of the start of the FIRST semester**. Students dropping/withdrawing from a course must do so **within 3 days of the start of the SECOND semester**.

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If you have any questions or concerns or need information regarding grievance procedures regarding discrimination, please refer to District Policy # 103.1. These policies can be found in the District Policy Book.

GENERAL INFORMATION

for SENIOR HIGH SCHOOL STUDENTS

GRADES 9-12

A. HIGH SCHOOL ADMISSION REQUIREMENTS

Students will be promoted to the senior high school upon the recommendation of the middle school administration and faculty.

B. SENIOR CLASSIFICATION

Seniors are students who have earned 15 credits by September 1 of their 4th year in high school. Under this classification they may participate in all senior activities, if they are enrolled in school at the time of the activity, with the exception of commencement. To participate in commencement, they must have satisfactorily completed the school year required 23.5 credits.

C. SUBJECT LOAD

All students are required to carry a minimum of six credits of work during each semester of their freshman, sophomore, junior and senior years. Students wishing to carry seven credits during a semester should realize that they would not have a study hall.

D. PLANNING A HIGH SCHOOL SCHEDULE

Students should use the time during registration to confer with their TA Advisor, counselor, teachers and parents. **Study carefully the graduation requirements. Students should keep a record of their courses satisfactorily completed and those yet to be taken.** (Repeat any required classes that were failed) Check prerequisites for courses in which you are interested and obtain instructor permission if needed.

E. SCHEDULE CHANGE POLICY

Students are expected to arrange their schedules carefully and stay within the courses for which they register. **Changes in registration may be made by submitting a “add/drop” request.** Students dropping/withdrawing from a course must do so **within 5 days of the start of the FIRST semester.** Students dropping/withdrawing from a course must do so **within 3 days of the start of the SECOND semester.** Students must remain in classes until the schedule changes are OFFICIALLY approved. Until final official approval of schedule changes are obtained, the students are responsible for the work assigned in the courses. They are also responsible for all the work that has been missed, if they have been assigned to other courses.

GENERAL INFORMATION (cont.)

F. PLANNING FOR COLLEGE

“College” refers to University, Private College, or Community and Technical College as a means of obtaining education and training after high school. In all cases you must first prepare by mastering the following skills in high school.

Universities and Private Colleges are often referred to as **4-year programs**.

They recommend the following for admission:

English	4 years
Math	4 years
Science	3 years
Social	3 year
Languages	2 years
Arts	1 year

4-year programs consider these criteria when reviewing your application:

- Rigor (difficulty) of courses taken in high school
- Rank in class based upon your Grade Point Average
- College entrance exams: ACT or SAT
- Teacher and Counselor recommendations
- Activity record from school and community involvement

Preparation for Community and Technical College is similar. However, Community and Technical colleges do not usually require ACT or SAT tests for acceptance. Students take a placement test after being accepted. You must prepare yourself for these programs by taking challenging courses that are focused on the skills you will need in your chosen area of study. In addition to computer skills, mechanical skills, and craftsmanship you may need math, biology, chemistry or physics in order to be prepared for your chosen technical field. All college learning requires workplace skills such as self-discipline, punctuality, thoroughness, communication, and cooperation.

COLLEGE CREDIT OPPORTUNITIES

There are opportunities at Montevideo High School to earn college credits while taking classes at MHS. MHS is proud to offer 20 courses taught by our teachers, for a total of 61 transferable college credits.

CONCURRENT ENROLLMENT THROUGH M-STATE or MINNESOTA WEST - Concurrent enrollment means that eligible students are receiving college level credit alongside their high school credit. High school instructors partner with mentors from the Minnesota State Community and Technical College system, SMSU, and MinnesotaWest. Students receive credit upon successful completion of the course and the grade starts their college transcript. You may inquire more about the requirements in the Student Center.

ARTICULATION - The purpose of this joint project is to provide students in participating high schools the opportunity to earn college credit for classes they take in high school. Students must earn a B or better in the class to receive the certificate. These credits are earned at no cost to the school district or student and can be redeemed at a variety of post-secondary campuses upon admission to the school. You will not receive a college transcript.

PSEO - Post Secondary Enrollment Option** is a program that offers qualifying students the opportunity to take college classes. PSEO is available to students who present clear evidence of the ability to perform college work. Typically, Seniors should be in the top half of their class with a 2.8 GPA and Juniors should be in the top third of their class with a 3.2 GPA in order to apply. You must meet with student center staff to plan for the course(s) you will be taking through college. PSEO courses are taken at the chosen college campus or online; *interested students must inform the district of their intent to enroll in PSEO by May 30th. Stop into the student center to receive a PSEO handbook for more information.*

CONCURRENT ENROLLMENT CLASSES		ARTICULATION
	FOUNDATIONS OF MED CAREERS	ANIMAL SCIENCE
BUS 2201 ACCOUNTING I	Level I, II, III	AG MECHANICS & TECH/WELDING
BUS 2202 ACCOUNTING II		COL PREP COMPUTERS & TECH
CDEV 1267 CHILD HEALTH/SAFETY	STSK 1110 FRESHMAN SEMINAR	DESKTOP PUBLISHING
CDEV 1268 CHILD HEALTH/LAB	(SENIOR CLASS)	MARKETING
CHEM 1100 FUND CHEM CONC		SMALL ENGINE TECH & REC ENGINE
CHEM 1111 GEN INORGANIC		WEB PAGE/VIDEO GAME DESIGN
ENG 1105 INTRO TO LITERATURE		WORD/EXCEL/ACCESS
ENG 2202 MODERN AMER LIT		
MATH 1105 INTRO TO PROB/STAT		
MATH 1134 CALCULUS		
MATH 1114 COLLEGE ALGEBRA		
MATH 1116 COLLEGE TRIG		

VOCATIONAL OPPORTUNITIES (ANNUAL NOTIFICATION)

Montevideo school district offers a variety of vocational opportunities through the Business Education, Industrial Technology and Family and Consumer Science Departments. These opportunities are offered regardless of race, color, national origin, sex or disability. Admission in the specific courses is determined by grade level, and in some cases, completion of prerequisite courses.

The district has designated the following individuals-to coordinate compliance with –
Section 504 of the Rehabilitation Act of 1973 and Title IX of the Education Amendments Act of 1972:

Charlynn Dahl	School Social Worker	Section 504
Chris Weber	Alternate Contact	Section 504
Jesse Nelson	Activities Director	Title IX

P S E O

**Postsecondary Enrollment Options (PSEO) is a program that allows 10th, 11th, and 12th grade students to earn both high school and college credit while still in high school, through enrollment in and successful completion of college-level, nonsectarian courses at eligible participating postsecondary institutions. Most PSEO courses are offered online; some courses are on the campus of the postsecondary institution. Each participating college or university sets its own requirements for enrollment into the PSEO courses. 11th and 12th grade students may take PSEO courses on a full or part-time basis; 10th graders may take one career/technical PSEO course their initial semester. If they earn at least a C grade in that class, they may take additional PSEO courses.

There is no charge to PSEO students for tuition, books or fees for items that are required to participate in a course. Students must meet the PSEO residency and eligibility requirements and abide by participation limits specified in Minnesota Statutes, section 124D.09. If a school district determines a pupil is not on track to graduate, she/he may continue to participate in PSEO. Funds are available to help pay transportation expenses for qualifying students to participate in PSEO courses on college campuses. Schools must provide information to all students in grades 8-11 and their families by March 1st, every year. **To assist the district in planning, a pupil must inform the district by May 30th (December 1st - senior deadline) of each year of their intent to enroll in postsecondary courses during the following year. A pupil is bound by notifying or not notifying the district by May 30th.** For current information about the PSEO program, visit the Minnesota Department of Education's Postsecondary Enrollment Options (PSEO) webpage.

ATHLETICS in COLLEGE

In order to participate in Division I or Division II athletics and receive athletically based financial aid, you must register with the NCAA Eligibility Center and meet academic and amateur eligibility standards. It is the responsibility of the student to understand the process in obtaining an athletic scholarship and the rules that apply. It is the student's responsibility to know the eligibility requirements for each particular division-as well as ensuring that they are completing the appropriate high school course work.

MONTEVIDEO HIGH SCHOOL GRADUATION REQUIREMENTS

23.5 Credits to graduate (updated 2024)

4CR

ENGLISH:

1 ENG 9
1 ENG 10 OR ACCEL ENG 10
1 ENG 11 OR ADV SPEECH & COMP
1 ENG 12 OR ENG 1105 & ENG 2202

3CR

SCIENCE:

1 INTEGRATED SCI
1 BIOLOGY
1 CHEM OR PHYSICS STANDARD *
*SEE REGISTRATION BOOK

1CR

PHY ED:

.5 PHY ED 9
.5 SPORTS FIT OR LIFETIME FIT

3CR

MATHMATICS:

1- ALGEBRA OR GEOMETRY 9
1-GEOMETRY OR ADV ALG
1-ALG II OR COLLEGE MATH*
*SEE REGISTRATION BOOK

.5 CR

HEALTH:

.5 HEALTH

1CR

ART:

1 ART
*SEE REGISTRATION BOOK FOR LIST

3.5CR

SOCIAL STUDIES:

.5 CIVICS
1 AMERICAN HISTORY
.5 WORLD HISTORY
.5 WORLD GEO
.5 ECONOMICS
.5 AMERICAN GOVT

7.5CR

ELECTIVES:

SEE REGISTRATION BOOK FOR FULL LIST

MHS GRADUATION REQUIREMENT CHECKLIST

Refer back to this checklist throughout high school to help you keep track of courses required for graduation. In addition to the required courses, students must have a minimum of elective credits. It is your responsibility to make certain that you register for all of the classes you need to graduate. Contact your counselor if you have any questions or concerns.

ENGLISH 4 credits

English 9 1cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	English 9
English 10 1cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	English 10, Acc English 10
English 11 1cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	English 11, Acc English 11
English 12 1cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	English 12, ENG 1105, ENG 2202

PHY ED 1 credit

Phy Ed 9 .5cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	
Phy Ed .5cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	Sports Fitness, Lifetime Fitness

HEALTH .5 credit

Health .5cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	
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MATH 3 credits

Math 1cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	Algebra 1.5 or Geometry 9
Math 1cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	Geometry or Advanced Algebra
Math 1cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	Algebra II, Math 1114, Math 1116, Math 1134, Math 1105

SCIENCE 3 credits

Science 1cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	Integrated Science Gr 9
Science 1cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	Biology I
Science 1cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	Chem 1100* Chem 1111* Physics* Env Sci* Animal Sci (sem) Nat Res Sci (sem) Anatomy & Physiology, Food Chem* (sem), Explore MN*

*These classes include the Chemistry or Physics STANDARD that must be met within the 3rd credit of Science.

SOCIAL 3.5 credits

Social .5cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	Civics
Social 1cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	American History
Social .5cr	-----	Sem 2 <input type="checkbox"/>	World History
Social .5cr	Sem 1 <input type="checkbox"/>	-----	World Geography
Social .5cr	Sem 1 <input type="checkbox"/>	-----	Economics
Social .5cr	-----	Sem 2 <input type="checkbox"/>	American Government

ART 1 credit

Art 1cr	Sem 1 <input type="checkbox"/>	Sem 2 <input type="checkbox"/>	
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*Art Intro, Art 2, 3, 4, Ceramics Intro, Ceramics I & II, Band, Choir, Digital Photography, Sculpture.

It is necessary to complete 16 credits of required courses and 7.5 credits of electives in order to graduate. You must take a minimum of six (6) credits each year. **23.5 total credits required for graduation.** (updated 2024)

Montevideo High School

Career Course of Study Pathways

Human Services

- Youth Service & Leadership
- Child Development Birth-3
- Child Development School Age
- Children's Health, Safety, & Nutrition
- Intro to Psychology
- Social & Abnormal Psychology
- Sociology
- General Psychology



Ag & Natural Resources

- Ag Business Exploration
- Animal Science
- Companion Animals
- Exploring MN Outdoors
- Floral Design
- Blossom & Bloom
- Natural Resource Science
- Environmental Science
- Food Chemistry



Health Science

- Foundations of Medical Careers Level 1/Level 2/Level 3
- Human Anatomy & Physiology



Business Management

- Introduction to Business
- Accounting 1
- Accounting 2
- Marketing
- Sports & Entertainment Marketing
- CEO
- 9th Grade FACS
- Artistic Design Food



Engineering, Manufacturing, & STEM

- Small Engine Technology
- Ag Mechanics/Welding
- Weld1109
- Home & Building Maintenance
- Graphic Engineering
- Machine Woods
- Furniture Production
- Computer Aided Design
- Architectural Drafting
- Building Construction Trades
- Intro to Probability & Stats.
- College Algebra
- College Trigonometry
- Calculus I
- Applied Technical Math
- Intro to Robotics I
- Robotics 2
- Organic Chemistry
- College Prep Physics
- Fundamental Concepts in Chemistry
- General Inorganic Chemistry



Arts & IT

- Intro to Art
- Art 2/3
- Intro to Ceramics & Art
- Advanced Ceramics 2/3
- Sculpture
- Digital Photography
- Yearbook
- Media Productions
- College Prep Computers & Technology
- Web Page/Video Game Design
- Desktop Publishing
- Reading & Writing Fiction
- Public Speaking
- Theatre Arts
- Fashion & Home Design
- Concert Band
- Concert Choir



Work Experience

Career Exploration

Career Internship

Freshman Seminar

Introduction to Conditioning

Lifetime Fitness

Spanish

Personal Finance

Everyday Living

AGRICULTURE

Every class you take at MHS will assist you in preparing for your future.

Classes taken in this department are related specifically, to the following careers:

Ag Business Exploration 9	Animal Science/ Companion Animals	Natural Resource Science/ Explore MN Outdoors	Blossom & Bloom (Plant Science & Landscape Design)
Ag Education	Livestock Production	Forest Management	Landscape Designer
Ag Business	Veterinarian	Conservation Officer	Landscape Restoration
Ag Communications	Animal Care	DNR	Plant Breeding
*All areas of Agriculture	Vet Technician	Wildlife & Fisheries	Greenhouse Management
Home & Auto Maintenance	Small Engines	Ag Welding Technology	Floral Design
Electrician	Small Engine Mechanic	Underwater Welder	Floral Designer
Automotive Technician	Small Engine Business Owner	Welder Fabricator	Floral Boutique Owner
Auto Parts Manager	Small Engine Parts Dealer	Welding Engineer	Floral Delivery Driver
Car Salesman	Small Engine Educator	Welding Supervisor	Educator

1 AG BUSINESS EXPLORATION

Full Year 1 credit
Semester .5 credit
Open to: Grade 9

If you enjoy being active, not sitting still while still learning about one of the strongest growing career areas, then join us here. Exploratory units will be taught in animal science, FFA, introductory welding, agribusiness, natural resources, horticulture, and leadership development. This course is the basic foundation that will be used to further your interest and knowledge in the field of agricultural careers and a rewarding experience in the National FFA Organization.

2 ANIMAL SCIENCE - Articulated Credit

Semester .5 credit
Open to: Grade 10, 11, 12
(Note: satisfies elective science credit for students)

Students curious about animal agriculture in Minnesota, those interested in a career in the livestock industry, veterinarian medicine or other animal care careers should take this course. We'll study livestock selection and evaluation, nutrition and digestion, genetics and breeding, animal health, and current topics in the livestock industry in a way that keeps things moving. This course provides students with the basis for expanded study in Animal Care. **Students who successfully complete this class with a course grade of B or higher, will receive a certificate of articulation and could potentially receive College in the Schools credit.**

5 COMPANION ANIMALS

Semester .5 credit
Open to: Grade 10, 11, 12

Are you considering a career in the animal care industry? Do you have a pet that you want to learn more about? This class will give you the opportunity to learn more about the many different areas of the small animal career field and will help you be a better pet owner. You will be able to identify many of the different breeds of various animals, develop a healthy care plan for companion animals, and display your understanding of different animal behaviors. Students will have opportunities throughout the quarter to get hands-on experiences with live animals and will be working with companion animal care experts!

***Proposed Course Topics: Small Animal Care, Safe Handling, Careers, Animal Rights and Animal Welfare, Vet Science, Dogs, Cats, Birds, and More**

14 EXPLORING MINNESOTA'S OUTDOORS

Semester .5 credit
Open to: Grade 10, 11, 12

Students who want more time exploring natural resources and environmental issues will enjoy this class. You will learn to identify birds, insects, mammals and fish. Possible activities include planning your own outdoor Adventure, performing water tests, archery, practicing outdoor survival tips, completing a taxidermy project, studying prairie habitat restoration building and building an ice or summer fishing rod and more. This course takes classroom instruction and applies it using hands-on learning activities. It'll be the most fun you'll have in natural resources. This course teaches students about the plants and animals of Minnesota in a hands-on, active classroom style.

9 FLORAL DESIGN

Semester .5 credit
Open to: Grade 9, 10, 11, 12

In this class we will be covering basic information in relation to the Floral Design and Floriculture Industry. Students will learn industry-standard techniques for making wearable designs, basic free-standing arrangements, bow construction, proper use of tools and treatment/conditioning of fresh and artificial flowers. Students will also learn and practice the principles of design, identification of common cut flowers, foliage and potted plants and basic flower anatomy.

10 BLOSSOM & BLOOM: Bridging Plant Science and Landscape Design

Semester .5 credit
Open to: Grade 10, 11, 12

Students in this class will take full advantage of the school greenhouse to study the impact that lighting, watering, heat, fertilization and more have on the growth of marketable greenhouse crops. We will study soilless plant growing, urban agriculture, container growing, plant identification and do basic plant studies.. Whether you're exploring a career option or simply want to have a class that works outside a lot you'll enjoy this class. Outdoors we will design and install small landscapes, work in the greenhouse and around the school. Indoors we'll learn to design home landscapes, plan perennial and annual beds and identify many common plants.

Qualified students will be eligible to receive 2 or 3 college credits via Minnesota Articulated College Credit Certificates. Requirements will be explained in the classroom.

13 NATURAL RESOURCE SCIENCE

Semester .5 credit (satisfies elective science credits for students)
Open to: Grade 10, 11, 12

This course is a study of our natural resources and the management of them and careers associated with natural resources areas. It includes units on soils, water, forest, and fish and wildlife resources. Units also covered include land use, pollution control, alternative energies, and how food production affects our natural resources. We will investigate many facets of forestry, and investigate and design a wildlife habitat area. This class fulfills science requirements. We'll use nature as the context to learn science principles as well. Students who are interested in natural resources may want to follow with Exploring Minnesota's Outdoors.

18 SMALL ENGINE TECHNOLOGY/RECREATIONAL ENGINES - Articulated Credit

Semester .5 credit
Open to: Grades 10, 11, 12

This course covers power fundamentals, repair and maintenance and tune-up of small engines. This small engine segment will include principles of operation, assembling, dismantling and maintenance. Additional study areas include carburetion, cooling, electrical and drive systems for small engines, turf grass equipment and recreational engines. Students will use engine analysis equipment, and complete repairs on small engines. Students must exhibit maturity, the ability to work independently and stay on task every day. This course is partnering with Kibble Equipment. Students will get the opportunity to interact with an experienced service technician. **Students who successfully complete this class with a course grade of B or higher, will receive a certificate of articulation and could potentially receive College in the Schools credit.**

19 AG MECHANICS TECHNOLOGY/WELDING- Articulated Credit

Semester .5 credit
Open to: Grades 11, 12 (grade 10 if space allows, by instructor permission)

After completing safety and design instruction, students will work on a variety of metal fabrication projects in our metals shop facility. Students can either work on their own projects or build projects for customers. This course can serve as an excellent means for a student to pursue his/her interest in designing, engineering and building a project of their own design. Students are evaluated on workmanship, safety, work ethic, teamwork, ambition, and other related traits. Students must be able to be on task daily. This course is partnered with J & D Construction. Students get the opportunity to work with and learn from highly skilled welding professionals.

Students who successfully complete this class with a course grade of B or higher, will receive a certificate of articulation and could potentially receive College in the Schools credit.

20 WELD 1109 - WELDING PRINCIPLES

Semester .5 credit (3 college credits through MN West)
Open to: Grades 11, 12 with instructor approval
Prerequisite: AG Mechanics Technology/Welding

Looking to continue to develop your welding, equipment use, building and design skills? In this class we will continue to develop the skills that you learned in AG Mechanics Technology/Welding. We will be diving deeper into the following topics: Welding Safety, Oxy fuel, MIG, Stick, TIG, Shop Math and Technical drawings and sketches. This class is partnered with J&D Construction as well as MN West.

ART

Total of 1 credit

Art	Sem 1/Sem 2
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Art Intro, Art 2, Art 3, Ceramics Intro, Ceramics I and II. Every class you take at MHS will assist you in preparing for your future. Classes taken in this department are related specifically to the following careers:

Animator	Desktop Publishing Artist	Press Operator	Art Agent
Elementary Art Teacher	Printing Crafts Worker	Art Specialist	Exhibit Designer
Printing Store Manager/Owner	Audio Visual Specialist	Flatware Designer	Production Artist
Billboard Artist	Graphic Designer	Production Coordinator	Book Designer
Greeting Card Artist	Production Manager	Cartoonist	Illustrator
Professor of Art/Art History	CD/Record Cover Designer	Interior Designer	Stylist
Children's Book Illustration	Magazine Designer	Tattoo Artist	Comic Strip Artist
Medical Illustrator	Technical Illustrator	Consultant	Pallet Manufacturer
Textile Designer	Corporate Designer	Photographer	TV Graphic Designer
Custom Decorator	Picture Framer	Visual Merchandiser	Curator

Transferable Skills:

Make critical observations and appropriate decisions. Possess proficiency for accurate detail.

Communicate ideas and emotions creatively. Able to concentrate for long periods.

Possess aptitude for spatial relationships. Meet deadlines. Recognize differences in shapes, shading, and color. Possess good finger and manual dexterity. *From - Ashland University Career Development Center*

26 INTRO TO ART

Semester .5 credit Open to: Grade 9, 10, 11, 12
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Intro to Art is open to Gr. 9-12 students interested in Art. The class introduces drawing and painting strategies for both beginners and for more experienced artists. Projects focus on introducing new techniques and on basic color theory and color mixing to enable students to become more inventive and original in their work. A wide variety of subject matter and styles are explored, ranging from realistic to abstract. Topics in Art Appreciation and Art History are linked to student art projects. Films, slides, and written assignments are part of the course. **It is recommended that students take this course before taking other art courses.**

27 ART 2 – Drawing, Painting, Collage, and 3-D Design

Semester .5 credit Open to: Grade 9, 10, 11, 12 Prerequisite: Intro to Art
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Projects in drawing, painting, and collage introduce students to new materials and methods and build on students' experience in Introduction to Art. Students work with advanced art materials: paints, professional grade colored pencils, soft pastels, and printmaking materials. Project assignments cover subjects in portraits, figures, landscapes, and still life and encourage students to experiment with realistic and abstract styles of working. An emphasis on design principles in each project connects students' work to the universal qualities of art common to professional designers and fine artists. 3-D projects include abstract and realistic sculpture work on selected themes (including mask-making, wire sculpture, clay work, or paper mâché)

28 **ART 3 -Painting, Drawing, Printmaking and 3-D design**

Semester .5 credit
Open to: Grade 10, 11, 12
Prerequisite: Intro to Art (note: Art 2, 3, and 4 can be taken in any order)

Design is an emphasis as students explore painting styles in selected subjects (portraits, winged things, fantastic creatures, far-away places, imaginary landscapes, characters from literature, strange inventions...) Students experiment with a variety of paint and color mediums including acrylic paint, pastels, colored pencils, and printmaking materials. Sculpture projects introduce students to additive and subtractive methods and may include clay, wire, plaster, and carving materials to create portraits, figures, and abstract constructions. Students work on assigned projects with specific goals and objectives and also begin to develop individual projects. Topics in Art appreciation and Art History are linked to student art projects. Films, slides, and written assignments are part of the course.

30 **INTRO TO CERAMICS and ART**

Semester .5 credit
Open to: Grade 9, 10, 11, 12
There is a \$20.00 lab fee for this course.

Intro to Ceramics and Art is a hands-on "how-to course" in the study of ceramics. Emphasis is on developing a working knowledge of clay and a familiarity with the terminology, tools and techniques of the medium. Students apply this knowledge and experience to the design and construction of original art works. Topics in Art Appreciation and Art History are linked to student art projects. Films, slides, and written assignments are part of the course. Students also work on 2-dimensional design projects that include drawing or painting and enjoy a film series in Art appreciation.

31 **ADVANCED CERAMICS 2**

Semester .5 credit
Open to: Grade 9, 10, 11, 12
Prerequisite: Intro to Ceramics & Art (Ceramics 2 and 3 can be taken in any order)
There is a \$20.00 lab fee for this course.

The focus of this course is on refining and expanding basic hand-built pottery techniques. Students explore the possibilities of combining these techniques in the design and construction of functional pottery. Ceramics 2 and 3 will involve students in clay preparation, design, and kiln firing. Films, slides, and written assignments are part of the course. Selected topics in ancient and contemporary pottery will be introduced. Note: for other courses that can be used to fulfill the visual art requirement, check the Graduation requirements checklists applicable to your year of graduation.

32 **ADVANCED CERAMICS 3**

Semester .5 credit
Open to: Grade 9, 10, 11, 12
Prerequisite: Ceramics Intro (Ceramics 2 and 3 can be taken in any order)
There is a \$20.00 lab fee for this course.

The focus of this course is on refining and expanding basic hand built and wheel techniques. Students explore the possibilities of combining these techniques in the design and construction of functional and non-functional pottery. In Ceramics 3 course- students also will be studying an artist of choice- and working from their techniques and designs. Ceramics 2 and 3 will involve students in clay preparation, design, and kiln firing. Films, slides, and written assignments are part of the course. Selected topics in ancient and contemporary pottery will be introduced.

33 **SCULPTURE**

Semester 1 .5 credit
Open to: Grade 9, 10, 11, 12

Sculpture is open to all students interested in three dimensional art. This semester course will be an exploration of new materials and techniques with an appreciation of sculptural three dimensional forms. Historical and contemporary concepts ranging from representational figures to abstract forms are investigated. Some of the materials used may include: clay, wood, metal, cloth, paper, and plaster. Students will be required to keep a sketchbook; hand drawing is required. It is recommended that you take INTRO TO ART first, but not required.

34 **DIGITAL PHOTOGRAPHY**

Semester .5 credit
Open to: Grade 9, 10, 11, 12
Materials required for this course: SD card and Flash Drive @ least 10gb each

In this class, you will learn about cameras, Lightroom, and art online. We start out learning about cameras and how to take pictures. After we have a variety of pictures, we work in Lightroom to improve and change the pictures. Throughout the class we look at different websites about art and look at different artists (photographers) work. We also use different websites to make art.

120 **YEARBOOK**

Semester 1 .5 credit
Open to: Grade 10, 11, 12

Students will have the opportunity to use their creativity to produce pages that will showcase the history of Montevideo High School forever. Students will have the opportunity to learn about photography, creative writing, and page design and layout. Students will be responsible for taking pictures at events during, and outside of school hours throughout the year, talking to fellow students/staff, and writing stories/captions that bring the viewer into the events. This class is designed for the student who is self-motivated and task orientated. Maximum class size is 16.

INDUSTRIAL ARTS

6 HOME AND BUILDING MAINTENANCE

Semester .5 credit
Open to: Grade 11, 12

This course is designed to teach students basic skills in Home and Building Maintenance in a low-pressure setting. You will cover units consisting of electrical, plumbing, woodworking, drywall, roofing, and the basic maintenance of owning/renting a home. In each of these units you will learn about the basics, giving you the power of understanding how each principal works while giving you the confidence to maintain and repair your homes. These experiences will also expose the student to the trades, professions, and career opportunities related to the maintenance and repair of all structures and systems that are common to daily living.

107 GRAPHIC ENGINEERING

Semester .5 credit
Open to: Grades 9, 10, 11, 12

This is an exploratory course in the study of computers and technology. Students will learn how to utilize computers and technology to develop presentations, manipulate photographs, create videos, and commercials. This is based on a mixed teaching media including text, computer, and a hands-on approach.

The following modules are available:

RESEARCH & DESIGN - CO2 CAR DESIGN/Water Rockets/Airplanes/Towers/Robots/CNC Machining: This module has been designed to put the student in the role of design manager. Problem solving is the key to this module with students making decisions using real work criteria.

PHOTO SHOP – Here students will have the opportunity to use editing software that can manipulate pictures to whatever their heart desires. This module brings about awareness in the editing arena in broadcasting and movies. Along with this module students will have the opportunity to use a laser engraver to burn their image onto glass, phone, wood, etc.

3D COMPUTER AIDED DESIGN – Students will have the chance to work with 3D parametric modeling software to create 3 dimensional objects. They will also have the opportunity to print their designs using a 3D printer.

MASS MEDIA - Students will learn the basics it takes to create a video using GoPro's, drones, and smartphones. Here they will learn how to prepare and manage a commercial, etc.

105 MACHINE WOODS

Semester .5 credit
Open to: Grades 9, 10, 11, 12
There is a \$20 class fee for this course.

Students in this course will use an industry standard procedure to design, estimate material quantity; estimate material cost and then work from that plan, build. Students will study different types of materials used in the woodworking industry along with the many different varieties of woods used. Students will learn the proper use of machine operation and hand tool use. Students will have the opportunity to learn the processes through a series of small projects. If you like to work with your hands, build a cutting board or end table this is the class for you.

112 FURNITURE PRODUCTION

Full Year 1 credit
Open to: Grades 10, 11, 12
Prerequisite: Machine Woods or Instructor Permission

This course will introduce you to the theories and practices of furniture building. Basic machine principles will be addressed with special attention spent on the varieties of joinery, Lathe Turning, Cabinet Construction, Milling, and project design. Each student will be involved (required) in a manufacturing unit, a client/builder based unit, creating project(s) for themselves or for the community along with various lathing projects; wooden mallet, pen/pencil, spinning tops, bowl, plate, mug, and candlestick holders to name a few. This is a class for the student who is both curious and who loves to learn by application.

109 COMPUTER AIDED DRAWING (CAD)

Semester .5 credit
Open to: Grades 9, 10, 11, 12
ARTICULATION CERTIFICATE

This is an exploratory course for students who have an interest in the areas of drafting as an occupation. Students will learn how to effectively draw using paper and pencil, view an object in three views, along with creating an object into an orthographic projection. Computers will be used during the second half of the semester to create 3 views along with isometrics and 3D modeling using Inventor. This class will benefit students entering into engineering fields or other related technical areas.

Software used in this class is the most current AutoCAD software.

Students who successfully complete this class with a course grade of B or higher, will receive a certificate of articulation and could potentially receive College in the Schools credit.

118 MEDIA PRODUCTIONS

Semester .5 credit
Open to: Grades 10, 11, 12

GoPro's - Drones - Smartphones

This course is a great opportunity for students to realize their creative potential and gain experience in writing, reporting, and video taping of news features, editorials, commercials, as well as the sports arena. Students will be responsible to produce a 5-minute news feature to be broadcasted weekly as well as many small mediums for school, community, or personal. Students will learn about the tricks and jolts while using GoPro's, drones, and smartphones paired with editing software and social media outlets.

110 ARCHITECTURAL DRAFTING

Semester .5 credit
Open to: Grades 10, 11, 12
Prerequisite: Computer Aided Drawing (CAD)

This is an introductory course for those interested in the field of architecture, carpentry, interior decorating, engineering, or for anyone interested in designing their own home.

The course will cover the basic knowledge of: Building materials, construction techniques, building design and plans, reading blueprints, and creating an actual set of working drawings and plans. These items will be covered as the class follows along and designs, plans, and draws their own home, or the school's home.

115 BUILDING CONSTRUCTION TRADES (1 hr block)

Year 1 credit

Open to: Grades 10, 11, 12

116 BUILDING CONSTRUCTION TRADES (2 hr block)

Year 2 credits

Open to: Grades 10, 11, 12

This course will cover the construction processes of wood frame construction. Students will use tools and machines to build utility sheds, fish houses, and pour concrete in order to gain an understanding of the processes and materials used in residential construction. Students will also be responsible for site layout, foundations, electrical, plumbing, blueprint estimating/drawing, and building codes as they relate to residential construction. OSHA regulations will also be addressed. Curriculum may change to address **building a house** if the option presents itself. - If you would be interested in this option you will need to sign up for a 2-hour block (course 116)

BUSINESS

COURSES	CREDIT	GRADES AVAILABLE
College Prep Computer & Tech	.5	12
Web Page/Video Game Design	.5	9-12
Desktop Publishing	.5	11 & 12
Personal Finance	.5	11, 12
Accounting I 2201	1	11, 12
Accounting II 2202	1	11, 12
Introduction to Business	.5	9, 10, 11, 12
Marketing	.5	10, 11, 12
Sports & Entertainment Marketing	.5	10, 11, 12

What is a certificate of articulation? The purpose of this joint project is to provide students in participating high schools the opportunity to earn college credit for classes they take in high school. These credits are earned at no cost to the student and can be redeemed at a variety of post-secondary campuses.

Classes taken in this department are related specifically, to the following careers:

Accounting	Intro to Business/Marketing	Personal Finance
Accounting for a Business	Sales & Promotion	Money Management
Auditing	Management	Personal Finance Planner
Research	Research	Sports & Ent Marketing
Government	Banking	Sports Writer
Banking	Human Resource Management	Broadcaster
Management	Social Media Management	Brand Manager
	Entertainment Marketing	Promotions
Web Page Design	Desktop Publishing	
Programing	Print Design (book, magazine, news)	College Computers
System Development	Interactive Media	Support for all careers
Technical Support	Advertising & Marketing	

45 COLLEGE PREP COMPUTERS AND TECHNOLOGY (articulation)

Semester .5 credit
Open to: Grade 11, 12

A one-semester course that introduces the student to many different computer applications and skills the student will need throughout his/her high school career and beyond. Microsoft Office 2016 skills, Office 365, including Word, Excel, Access and PowerPoint, will be heavily emphasized. Other skills to be covered include introduction to various software applications as needed by other courses the students may take during a post-secondary course including: Internet usage, netiquette, ergonomics, and computer hardware.

Students who successfully complete this class with a course grade of B or higher, will receive a certificate of articulation and could potentially receive College in the Schools credit

51 WEB PAGE/VIDEO GAME DESIGN (articulation)

Semester .5 credit
Open to: Grade 10, 11, 12
Prerequisite: Computer Applications 8 or Business Computer Applications

One of the most in demand jobs right now is as a computer programmer and web developer. This course will give you a very broad overview of multiple types of languages used in web development and video game design including: HTML, Javascript, and GML. You will also learn ways in which to examine the layout principles of web pages to make eye-catching and useful pages.

46 DESKTOP PUBLISHING (articulation)

Semester .5 credit
Open to: Grade 10, 11, 12
Prerequisite: Computer Applications 8 or Business Computer Applications

Explore the uses of text, fonts, pitches and graphics while creating attractive documents. Just some of the projects include business cards, tri-fold brochures and presentations. Software will include but is not limited to Microsoft Office and Photoshop. **Students who successfully complete this class with a course grade of B or higher, will receive a certificate of articulation.**

50 PERSONAL FINANCE

Semester .5 credit
Offered: Semester 1 and/or Semester 2
Open to: Grades 11, 12

During the first part of the class, we will work with personal finance items such as insurance, housing, automobiles, taxes, and bills. Then we create a personal budget and study how changing circumstances affect it. This class will consist of guest speakers and real-life projects in order to prepare you to lead a fiscally responsible lifestyle.

40 INTRO TO BUSINESS

Semester .5 credit
Open to: Grades 9, 10, 11, 12

Do you want to be a mechanic? Entrepreneur? Engineer? CEO? Understanding business basics is essential for all careers. This course will give you a broad exposure to business activities including communication, Entrepreneurship, ethics, management, marketing and more. This class is HIGHLY recommended for all students interested in business.

43 BUS 2201 ACCOUNTING I

Semester .5 credit (4 college credits)
Open to: Grades 11, 12

This double-entry course begins with keeping records for a single proprietorship. From that point, we expand and enlarge the picture to include partnerships and corporations. Accounting is a more difficult course and should be taken during junior year or senior senior year. Sign up for this one if you are planning a business career.

44 BUS 2202 ACCOUNTING II

Semester .5 credit (4 college credits)
Open to: Grades 11, 12
Prerequisite: BUS 2201 Accounting I

This class is designed for students who have had Accounting I and desire further instruction in the field of accounting. Students will expand on the principles studied in the previous year and explore the accounting system as it relates to the merchandising business.

47 MARKETING (articulation)

Semester .5 credit
Open to: Grades 10, 11, 12
Prerequisite: Introduction to Business

This is an introductory marketing course that will introduce students to basic economic concepts, marketing concepts and business planning. The students will conduct market research and start planning a potential business. The "4 P's" of marketing will be the main focus point of the course. **Students who successfully complete this class with a grade of a B or higher, will receive a certificate of articulation and could potentially receive College in the Schools credit.**

84 SPORTS & ENTERTAINMENT MARKETING

Semester .5 credit
Open to: Grades 10, 11, 12
Prerequisite: Marketing

Have you ever wondered why so many people will pay hundreds of dollars for a ticket to a sporting event? Or why do the tickets cost so much? How much money does Target make for putting their name on the side of a stadium? These are just a few of the questions that will be answered when you discover the ways that businesses use sports/entertainment marketing to increase their profit. Students will understand the basics of the sports and entertainment marketing field through hands-on projects, simulations, and research.

CAREER PREPARATION

Each student at MHS will benefit from identifying potential career pathways based on their interests, skills and knowledge. The school provides a resource to all students in 9th – 12th grade to assist in; career identification and exploration, course planning, goal setting and more. The Minnesota Career Information System (MCIS).

<https://portal.mncis.intocareers.org/>, utilizes tools to help students connect their academic learning with their future career goals.

Students learn about different careers by seeing, hearing and reading about them. There are thousands of unexplored possibilities.

Students are encouraged to experience careers by participating in school sponsored activities such as; job shadows, industry tours, college visits, and the CTE College and Career Fair. Talk to Mrs. Birhanzi if you have career related questions.

15 FRESHMAN SEMINAR

Semester .5 credit
Open to: Grade 12 in the Fall and Grade 11 in the Spring
Prerequisite: None

Freshman Seminar allows students to analyze their strengths, abilities and interests as they relate to career choices. Students will investigate careers and develop career plans. Students will learn and practice advanced employability skills and networking. This course is built around the four domains for college & career readiness as identified by the MN Department of Education. Experiential learning opportunities will include a service learning project and mock interviews.

This class is a prerequisite for participation in Work Experience class.

16 WORK EXPERIENCE (2 HOUR BLOCK)

17 WORK EXPERIENCE (1 HOUR BLOCK)

Semester or Year
Credits: .5 each semester - 1 hour block
1 each semester - 2 hour block
Open to: Grade 12
Prerequisite: Freshman Seminar (can take concurrently)

The work experience program links the high school, the student, the parent, the employer, and the teacher in a dynamic support partnership, creating a beneficial and relevant employment experience for the student. Combine classroom learning and on the job training that provides students with occupational and workplace skill development. Students will have a paid placement with a local employer. A minimum of 90 hours (180 for 2 hour block) per semester will be completed and are not limited to hours within the school day. Students will be instrumental in securing a placement site within the first 3 days of the semester. Completion of safety training, time/pay records, training agreements and training plans are required of all students.

80 CAREER EXPLORATION

Semester
Credits: .5
Open to: Grade 11 and 12
Prerequisite: none

Do you need to learn more about multiple careers before you can determine your path after high school? This course is designed to help students explore various career paths, develop essential career readiness skills, and gain real-world experiences through hands-on activities and opportunities. Students will engage in self-discovery, career research, and experiential learning to make informed decisions about their future paths. Students will complete much of the coursework independently and will have regular meetings with the teacher. The experiential learning will take students outside the classroom often throughout the semester.

53 CAREER INTERNSHIP

Semester or Year
Credits: .5 each semester
Open to: Grade 12
Prerequisite: none

Are you interested in gaining experience in your selected career field? The Career Internship extends the career pathway beyond the classroom. Career Internship allows students to earn high school credit through a paid or unpaid internship in a specific career field or cluster. Students enrolled in this course will spend their class hour at their off site internship placement and engage in career readiness skills curriculum on scheduled days in the classroom. Students will be instrumental in securing a placement site within the first 3 days of the semester. Completion of safety training, time/pay records, training agreement and career readiness related activities are required of all students.

54 YOUTH SERVICE LEADERSHIP (YSL)

Semester or Year
Credits: .5 each semester
Open to: GradeS 11 & 12
Prerequisite: none

Youth Service and Leadership is a class designed to give students opportunities to volunteer. Students enrolled in this course will spend their class hour volunteering at their placement site in one of our school buildings as well as engaging in leadership skills curriculum on scheduled days in the classroom. This is an independent class so students must be self-motivated and reliable with excellent attendance. A weekly journal is required.

98 CEO (Creating Entrepreneurial Opportunities)

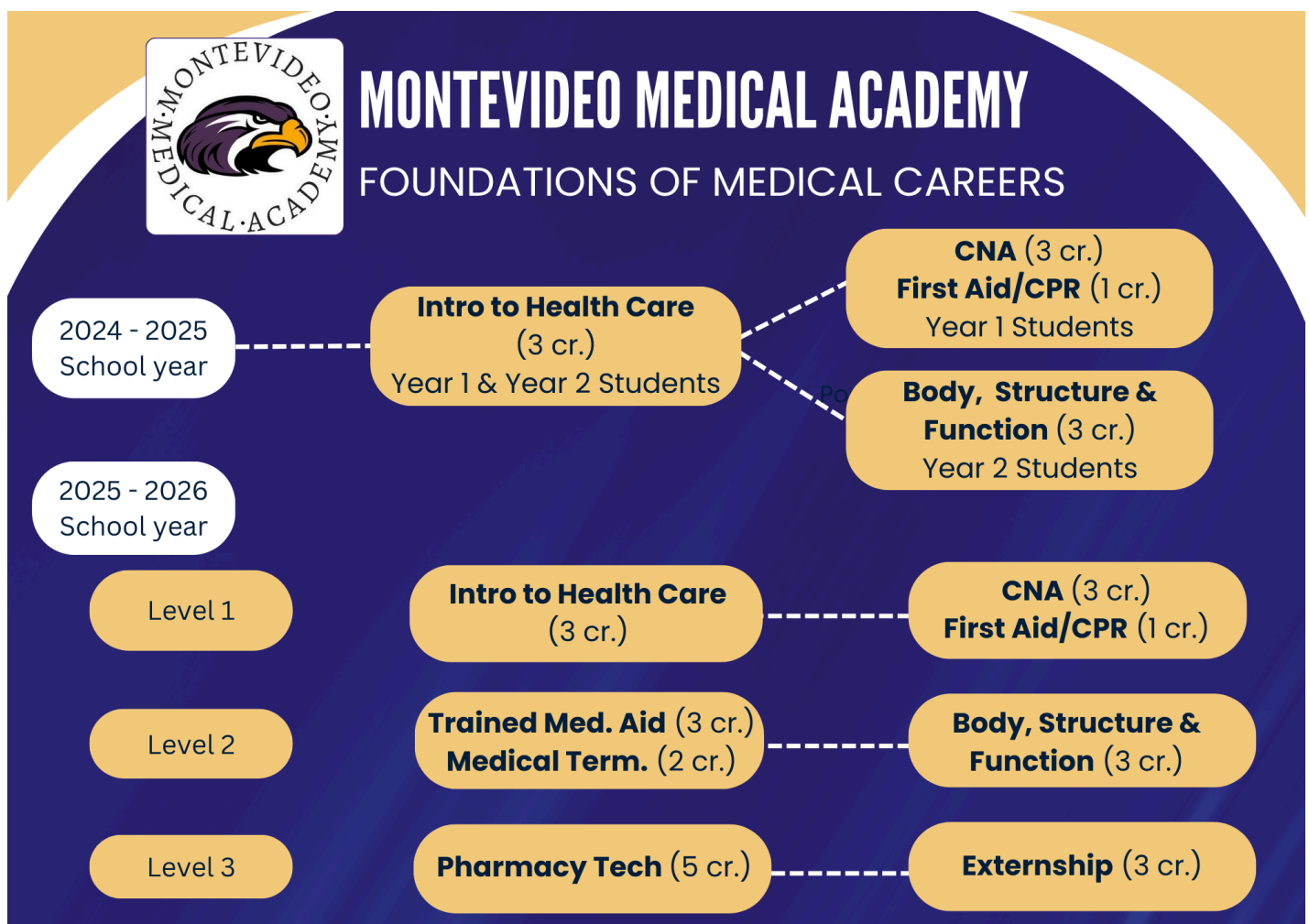
Year
Credits: 2
Open to: Grade 11 or 12
Prerequisite: none

Creating Entrepreneurial Opportunities is a year-long course designed to utilize local business community partnerships that provide an overview of business development and processes. Students will visit area businesses, learn from guest speakers, participate in a class business, write business plans, and start and operate their own businesses. Business concepts learned through the experiential CEO class are critical; the 21st-century skills of problem-solving, teamwork, self-motivation, responsibility, higher-order thinking, communication, and inquiry are at the heart of a student's development throughout the course. Class will be held onsite at various businesses in the communities of the Montevideo, Yellow Medicine East and Lakeview school districts. Students will be responsible for their own transportation to and from the site each day. Students will express interest in the class by identifying it on the registration form in addition to an application and selection process. Find out more at: <https://www.minnesotarivervalleyceo.com/>

CLASS TIME: 7:30-9:00 A.M.

HEALTH CARE

The Montevideo Medical Academy offers students three levels of coursework that are foundational to health care careers. Students completing this program will earn certifications that are immediately transferable to the workplace. In consultation with local health care partners, this program has been created to give students a strong academic foundation to continue into any health care career pathway. Students will complete classroom and lab activities right at the high school. This class will run on a regular school schedule and will fill one class period on the student schedule. Clinical hours will be completed with one of our partners at their clinic/hospital site. A portion of these hours will be completed during out of school hours (school breaks, before/after school or early out days as examples). Below are descriptions of each class component.



100 Foundations of Medical Careers - Level 1

Year (Fall and Spring Semester)

Credits: 1 (.5 Fall and .5 Spring)

Open to: Grade 10 - 12

Students must meet Minnesota West college entrance requirements.

Introduction to Health Care Careers HC1120 (3 college credits)

Provide students the opportunity to explore a wide variety of career options, provide basic knowledge and skills, and develop an awareness of workplace expectations. Students will participate in in-depth study and exposure to medical/health science careers, career planning, employability skills, basic terminology, ethics, wellness, disease and safety.

Nursing Assistant HC1175 (3 college credits)

Nursing Assistant is a three credit class designed to prepare students for entry level jobs in nursing homes and other health care facilities and introduces concepts of basic human needs, health/illness and basic nursing skills. Skills are demonstrated in a supervised laboratory setting and in a clinical environment. The nursing assistant will be able to perform tasks which are related to patient/resident care and supportive to nursing care. The clinical experience in a hospital or nursing home is included. This course is designed to prepare one to successfully complete the Minnesota Nursing Assistant Certification Competency Examination and be able to apply for the Minnesota Nursing Assistant Registry.

CPR/First Aid EMS1112 (1 college credit)

AHA CPR Healthcare Provider, AED First Aid Certification Covers the skills necessary for the newest AHA Guidelines for the CPR Healthcare Provider Certification as well as Certification in Automated External Defibrillation and First Aid. The provider will be able to properly and safely assess a patient, as well as how to recognize signs and symptoms and administer the appropriate treatments.

103 Foundations of Medical Careers - Level 2

Year (Fall and Spring Semester)

Credits: 1 (.5 Fall and .5 Spring)

Open to: Grade 10 - 12

Prerequisite: Foundations of Medical Careers Level 1. Students must meet Minnesota West college entrance requirements.

Trained Medication Aide HC1125 (3 college credits)

Describe the administration of medication. This course includes the study of legal requirements of medications and medication administration, general information on medications, terminology, abbreviations, applicable terminology, and an overview of body systems and drug classifications related to medication administration while utilizing designated reference sources. Medications will be administered in the classroom lab via the oral, ocular, rectal, and topical routes. The students will study the ten major body systems and how they are involved in the pharmacology of drug use. Upon completion of the course, and meeting federal and state guidelines, the student will receive a Trained Medication Aide Certificate

Medical Terminology in Healthcare HC1180 (2 college credits)

Provides students working knowledge of medical terminology and application of the terminology within the health professions.

Body Structure & Function HC1151 (3 college credits)

Body Structure & Function Introduces the study of human anatomy and physiology. A study of body organization, chemistry, cells and tissues leads into exploring the normal structure and function of each body system. Emphasis is also placed on terminology and abbreviations.

108 Foundations of Medical Careers - Level 3

Year (Fall and Spring Semester)

Credits: 1 (.5 Fall and .5 Spring)

Open to: Grade 10 - 12

Prerequisite: Foundations of Medical Careers Level 2. Students must meet Minnesota West college entrance requirements.

Pharmacy Principles and Practices I PHRM1100 (5 college credits)

Pharmacy Principles and Practices I explores the principles of ethical thought as applied to the areas of pharmacy ethics which will include state and federal laws. Students will learn the organization and functions of retail and hospital pharmacy settings. This course will also introduce students to common uses of computers and their practical applications in a pharmacy setting. The roles and responsibilities of a pharmacy technician will be explored as well as Occupational Safety and Health Act (OSHA) and Health Insurance Portability and Accountability Act (HIPAA) requirements will be covered.

Hospital Externship PHRM1130 (3 college credits)

Hospital Externship provides students the ability to perform skills in a hospital pharmacy setting under the direction of the pharmacist and pharmacy technicians. This course prepares the student for entering the Pharmacy Technician career field and provides information on career opportunities. Students will apply skills, knowledge, and abilities acquired in the classroom and laboratory settings in a practical work-based pharmacy training environment.

OR

Retail Externship PHRM1135 (3 college credits)

Retail Externship allows students to perform skills in a retail pharmacy setting under the direction of the pharmacist and pharmacy technicians. This course prepares the student for entering the Pharmacy Technician career field and provides information on career opportunities. Students will apply skills, knowledge, and abilities acquired in the classroom and laboratory settings in a practical work-based pharmacy training environment.

ENGLISH

Total of 4 credits

English 9	Sem 1/Sem 2	Eng 9, Eng Lit
English 10	Sem 1/Sem 2	Eng 10, Accelerated Eng 10
English 11	Sem 1/Sem 2	Eng 11, Accelerated Eng 11
English 12	Sem 1/Sem2	Eng 12, Eng 1105 & Eng 2202

English/Language Arts-Based Career Paths Every class you take at MHS will assist you in preparing for your future. Classes taken in this department are related specifically, to the following careers:

Journalism	Blogging/Podcasting	Media Relations	Marketing/Advertising
Ministering	Law	Sales	Publishing
Education	Human Resources	Social Work	Freelance Writing
Library Sciences	Technical Writing	Screenwriting	Grant Writing
Game Design	Editing	Radio Broadcasting	Self-Publishing
Office Administration	College Admissions	Tutoring	Speechwriting

60 ENGLISH 9

Full Year 1 credit
Open to: Grade 9
Prerequisite: Grade 8 English

This class emphasizes well organized, effective writing in various forms. Standard grammar usage is emphasized. The research process is reinforced through completion of projects that will prepare students for research in other high school classes. Literature units include short stories, classic and modern novels, poetry and mythology. Vocabulary expansion is centered on breaking down words based on their classic Greek and Latin roots. Non-fiction reading is also a part of this course. Listening and speaking skills are developed through presentations and formal speeches. Throughout the year, coursework will prepare students for future success in the English course requirements.

62 ENGLISH 10

Full Year 1 credit
Open to: Grade 10
Prerequisite: Grade 9 English

In this course, students will concentrate on the four areas of language arts - reading, writing, speaking, and listening - with a focus on American Literature. The historical synopses, short stories, novels and poetry are enrichments and extensions of 10th grade American History. Emphasis will be placed on the discussion of structure, theme, plot, characters, and setting. The basics of writing and grammar will be taught. Research projects will be completed. Students will also study the elements of public speaking including both speech preparation and presentation, as well as smaller types of public speaking roles--PowerPoint presentations and discussion. In addition, students will study vocabulary each week.

63 ACCELERATED ENGLISH 10

Full Year 1 credit
Open to: Grade 10
Prerequisite: Grade 9 English & approval of English 9 teacher

This course is open to sophomores who have a serious interest in the study of reading, writing, speaking and listening. The course is college preparatory and will provide students with an in-depth study of language arts. Literature to be analyzed will include short stories, novels, plays, and poetry. Preparation and presentation of public speaking will be emphasized. A more advanced level of writing, grammar, and vocabulary will be taught. A full research paper will be required of all students. This course will satisfy the English requirement for the sophomore year.

64 ENGLISH 11

Full Year 1 credit
Open to: Grade 11
Prerequisite: Grade 10 English or Accelerated English 10

This class focuses on reading, researching, and writing. This course also uses the theme of career explorations as a major driving force for the curriculum. Major units for the year include a career research project and literature analysis. Students will study both fiction and non-fiction texts. This class meets the Common Core College and Career Readiness. Anchor Standards in: reading informational text, writing. The focus is on real-world applications of reading and writing.

65 ACCELERATED ENGLISH 11

Full Year 1 credit
Open to: Grade 11
Prerequisite: Accelerated English 10 or approval from English 10 teacher

This is a college preparatory class with a major emphasis on speaking skills, writing skills, and literary analysis. Students will receive instruction and practice in informative and persuasive speaking and small group discussion. They will gain experience in organizing, expressing, and supporting their ideas through various types of writing. Literature analyzed will include novels, plays, short stories, and poetry. Grammar, usage, and vocabulary will be studied to prepare for the ACT test and to improve writing skills. In addition, students will explore a career. This course is strongly recommended for college bound students with good English skills. May substitute for the Junior English requirement.

66 ENGLISH 12

Full Year 1 credit
Open to: Grade 12
Prerequisite: English 11 or Advanced Speech & Composition

This class provides a wide range of language related activities, including reading, writing, and viewing, aimed at developing effective, independent communication skills, higher order thinking skills, and an appreciation for the artistic attributes and possibilities of language. Major units include Writing Workshop, Shakespeare, literary analysis, informational texts, Medieval literature, poetry, and personal essay writing. Our essential question is: How do people use stories to make sense of their lives?

68* ENGL 1105 – INTRODUCTION TO LITERATURE (Minnesota West ENGL 1105, 3 credits)

Semester .5 Credit (3 college credits)
Open to: Grade 12
Prerequisite: ASC or English 11 (with instructor approval).

This course studies the elements, forms, and content of fiction, drama, and poetry, aiming to introduce students to various genres of literature, with an emphasis on theory-based reading strategies and reading analysis. Assignments include readings, literary reflections, class discussions, and a research-based literary presentation.

69* ENGL 2202 – MODERN AMERICAN LITERATURE (Minnesota West ENGL 2202, 3 credits)

Semester .5 credit (3 college credits)
Open to: Grade 12
Prerequisite: ENGL 1105

This course introduces prominent American writers and influential literary works that have shaped American cultural identity from 1865 through the present. The course takes a broad view of the traditional canon to include writers and works from many areas of America's past.

***Notes:**

- Taking ENGL 1105 and ENGL 2202 fulfills the Senior English requirement.
- Students who register for ENGL 1105 or ENGL 2202 must meet Minnesota West's PSEO minimum requirements and complete registration to receive college credit.

75 PUBLIC SPEAKING

Semester .5 credit
Open to: Grade 11, 12
This elective course does not take the place of a required English class.

This course is designed to raise students' comfort level and effectiveness in giving oral presentations. Students will develop the basic knowledge, skills, and self-confidence needed to communicate effectively in formal public speaking situations. The class will focus upon improving students' ability to research, plan, create, and deliver effective speeches. Students will explore specific verbal and nonverbal public speaking techniques -- including gestures, facial expression, movement, and visual aids -- as well as critical listening and thinking skills, and methods of coping with stage fright. Presentations will be varied, including informative, persuasive, demonstrative, and impromptu speeches; point/counterpoint and rebuttal speeches; storytelling; oral interpretation; and discussion.

77 THEATRE ARTS

Semester .5 credit
Open to: Grades 10, 11, 12
Offered in 2024-25 school year (with enough interest)

This class explores the history of theatre from ancient Greece to the present. Students will read and discuss a variety of plays, familiarizing them with diverse drama genres and stage and theatre terminology. Students will become more perceptive readers as they interpret and analyze drama through discussion and composition and they will gain confidence in oral interpretation and dramatic performance skills as they read and perform scenes with basic acting techniques and vocal expressiveness. In addition, they will view and critique/review filmed performances. This elective course does not take the place of a required English class. Students may earn 1/2 credit toward the art requirement for graduation by taking this class.

FAMILY and CONSUMER SCIENCES

FACS classes provide educational opportunities to develop important life skills, as well as inspire some students to pursue careers such as these:

9th Grade FACS	Child Development	Artistic Design: Food Presentation	Everyday Living	Fashion & Home Design
Baker	Teacher	Chef	Financial Advisor	Interior/Home Design
Food Scientist	Counselor	Food Photographer	Dietician	Fashion Design
Banker	Psychologist	Food Blogger	Family Counselor	Textile & Furniture Buyer
Life Coach	Pediatrician	Hotel Manager	Parent Educator	Set Decorator
Grocery Store Manager	Speech Pathologist	Event Planner	Restaurant Owner	Fashion Merchandising

85 9th GRADE FACS

Semester .5 credit
Open to: Grade 9
There is a \$20 food lab fee for this course.

Welcome to FACS (Family and Consumer Sciences)! Your freshman year is such an exciting time as you are becoming more independent. In 9th Grade FACS, we will help you feel more comfortable in the kitchen. We will learn about recipes, measurements, food safety, kitchen safety, kitchen tools, and appliances. In addition, you will have an opportunity to explore topics such as: grocery shopping, nutrition, healthy coping strategies, character development, and finances. Students will practice making healthy homemade snacks, baking, as well as planning more complex meals. You will learn how to read food labels, budget, set goals, and make smart consumer choices. There will be weekly food labs.

88 ARTISTIC DESIGN: FOOD PRESENTATION

Semester .5 credit
Open to: Grades. 10, 11, 12
Prerequisite: An interest in cooking and food presentation.
A \$20 food fee is charged for this class.

Hospitality and food careers are in high demand! In this class, you will use the elements and principles of design to set attractive table settings, as well as to prepare and artistically present a variety of foods. Students will have an opportunity to participate and compete in the Culinary Skills Challenge held each spring at SMSU in Marshall. Many new and exciting careers in the food industry will also be explored. Students will complete a digital portfolio displaying their weekly food projects.

87 FASHION AND HOME DESIGN

Semester .5 credit
Open to: Grades, 10, 11, 12

If you are interested in the fashion industry or in the home design and decorating industry, then this class is for you. Units to be covered include: the history and study of fashion, clothes buying, fabric identification and care, as well as careers in fashion. Other units the history of home design, home design styles, home design rules, and careers in home design. The elements and principles of design will be studied and applied as they relate to fashion and homes. Many hands-on projects will be part of this new and interactive class.

93 EVERYDAY LIVING

Semester .5 credit
Open to: Grades 10-12
A \$20 food fee is charged for this class.

Are you ready to be an adult? This class will teach basic life skills needed to successfully manage both your personal and professional lives as an independent person! Food preparation, meal planning, nutrition, manners, parenting, relationships, laundry, table setting, organization and personal finances are some of the important topics covered in this class. There will be weekly food labs. Live your best life! Don't leave school without it!

94 CHILD DEVELOPMENT: BIRTH TO 3 YEARS (alt years; will be offered in 2024-25)

Semester .5 credit
Open to: Grades 9-12

Are you thinking about a career working with children? This class is an introduction to human development and will cover birth through 3 years of age. This class will include units on prenatal development, the birth process, family stages and strengths, parenting styles and effective parenting skills. Students will learn about the five areas of development, including social, physical, moral, intellectual and emotional. There will be weekly activity labs and an opportunity to carry out lesson plans for children. Students will work with Ready-or-Not Tot manikins as they practice caring for infants. **Gain an understanding of human development and how to work best with people in any career!** **Please talk to Mrs. Lund about the CDA Licensure program if you are interested in a career working with children.*

92 CHILD DEVELOPMENT: SCHOOL-AGE (alt. years; will be offered in 2025-26)

Semester .5 credit
Open to: Grades 9 -12

Does your career path involve working with children...or people?! This class is designed to help you understand human development in school-age children and gain skills working with them. Students will study the physical, mental, social, moral and emotional development of children ages 4 - 18. There will be weekly child development activity labs and a chance for you to plan and carry out lesson plans. **This is a great class to increase knowledge about yourself and others to enhance both your personal and professional lives!** **Please talk to Mrs. Lund about the CDA Licensure program if you are interested in a career working with children.*

96 CDEV 1267 Children's Health, Safety, and Nutrition

Semester .5 credit (2 college Credits)
Open to: 11-12th Grade

This class will teach students how to promote good health, physical fitness and nutrition and to provide a safe environment for children of all ages. Topics include motor development, methods of teaching health and safety to children, recognizing symptoms of abuse, neglect, and common children's illnesses.

Must be taken concurrently with CDEV 1268

97 CDEV 1268 Children's Health, Nutrition and Safety Lab

Semester .5 credit (1 college credit)
Open to: 11-12th Grade

This course examines how to provide a healthy and safe environment and provide proper nutrition to young children. It sets high-quality expectations regarding policies, procedures, healthful environments, sanitation standards and preventative care. The emphasis is on application of theory in a variety of early childhood settings. This course also examines the responsibilities of a mandated reporter of child abuse and neglect.

Students taking CDEV must register for both classes and will take at the same time in the same period.

MATH

Total of 3 credits

Math 1yr	Sem 1/Sem 2	Algebra 1.5 OR Geometry 9
Math 1yr	Sem 1/Sem 2	Geometry OR Advanced Algebra II
Math 1yr	Sem 1/Sem 2	Algebra II, Math 1105, Math 1114, Math 1116, Math 1134

SUGGESTED MATH COURSES TO BE TAKEN BY STUDENTS AT SENIOR HIGH to meet MINNESOTA GRAD REQUIREMENTS: Total Credits of Math 3 Credits

Algebra I.5

Geometry

Algebra II

COLLEGE-BOUND STUDENTS: 3 1/2 or 4 credits

Algebra I.5

Geometry

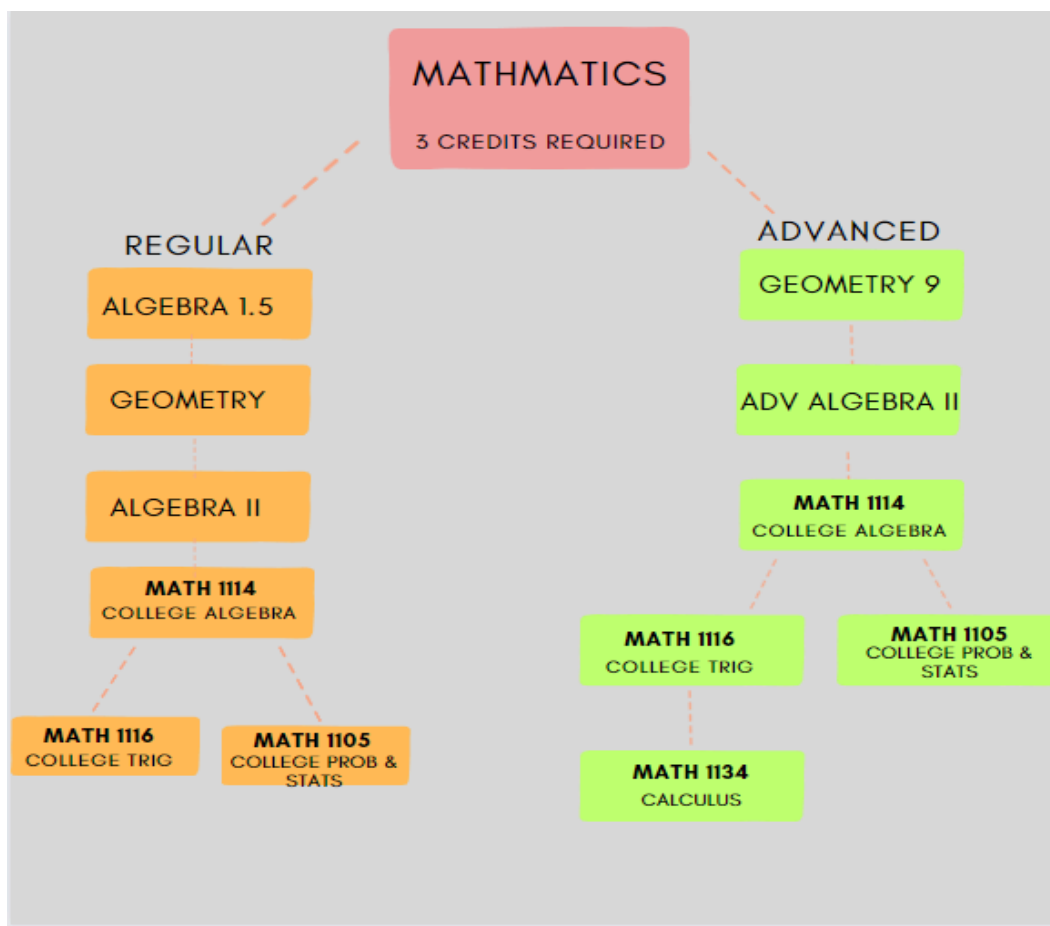
Algebra II or Advanced Algebra II

Applied Technical Mathematics

Probability and Statistics (Math 1105)

College Algebra and/or College Trig (Math 1114 & 1116) and/or Prob & Stats (Math 1105)

***Note: Some colleges, including the University of Minnesota schools, now require 4 years of math for admission.**



125 ALGEBRA I.5

Full Year 1 credit
Open to: Grade 9, 10, 11, 12

This course will focus on linear equations with one and two variables, quadratic equations and rules of exponents. Solving, graphing and applications for each topic will be covered.

130 GEOMETRY ADV 9

Full Year 1 credit
Open to: Grade 9
Prerequisite: Grade 8 Algebra

This course emphasizes the properties of geometric figures by stressing proofs and logical reasoning. It includes the study of geometric shapes and solving equations using algebra, proofs, and logical reasoning. It also involves points, lines, planes, angles, area and volume.

140 GEOMETRY

Full Year 1 credit
Open to: Grade 10, 11, 12
Prerequisite: Algebra I

This course will have a discovery approach to learning properties of geometric figures. This course emphasizes the applications of geometric concepts to develop a system. Areas of study will include similarity, area, volume, triangles, quadrilaterals, and other basic concepts.

136 ALGEBRA II

Full Year 1 credit
Open to: Grade 11, 12
Prerequisite: Geometry or special permission of instructor

This course will require the student to use algebraic concepts to solve problems that are more involved than the problems in Algebra I. The student will set up and solve word problems, graph, factor, and solve linear, quadratic and exponential equations.

135 ALGEBRA II ADV 10

Full Year 1 credit
Open to: Grade 10
Prerequisite: Geometry 9

The course will focus on quadratic equations, exponential equations, logarithmic equations as well as sequences and series. Solving, graphing and applications for each topic will be covered as applicable.

102 MATH 1105: Intro to Probability & Statistics

Semester: .5 credit (4 college credits)
Open to: Grade 11, 12
Prerequisite: The student completes College Algebra or Placement by Multiple Measures Grid from Minnesota West.

Introduction to Probability and Statistics introduces the measures of central tendency, measures of dispersion, frequency distributions, probability, sampling distributions, and the central limit theorem, testing of hypotheses, analysis of variance, linear regression and correlation analysis.

145 MATH 1114: College Algebra

Semester 1: .5 credit (4 college credits)
Open to: Students who have completed Adv Alg II or Alg II
Prerequisite: For M-State credit, students must attain the required Accuplacer score. It is also suggested that the student attain a grade of B or better in Adv Algebra II or Alg II.

This is a college level course offered by Montevideo High School through the Concurrent Enrollment Program at Minnesota State Community and Technical College—M State. To receive this college credit, you must qualify via the prerequisites above. This course may be taken only for HS credit. This course will begin with a comprehensive unit on algebraic proofs. This course will cover a great deal of Algebra to analyze functions and their graphs including: linear, quadratic, polynomial, rational, exponential, logarithmic, and radical functions. Students will use mathematical modeling to solve application problems.

146 MATH 1116: College Trig

Semester 2: .5 credit (3 college credits)
Open to: Students who have completed College Algebra

This is a college level course offered by Montevideo High School through the Concurrent Enrollment Program at Minnesota State Community and Technical College—M State. To receive this college credit you must qualify via M-State requirements. This course may be taken only for HS credit. This will be a thorough course in trigonometry, which is the use of triangles and the ratios of their sides in measuring angles, height, and distances. The students will learn to apply these skills to problems that have practical applications and real-world problems. The remainder of the course covers certain topics that should prepare the students for pursuing calculus.

158 MATH 1134: Calculus I

Full year 1 credit (5 college credits)
Open to: Students who have completed College Algebra and College Trig

This is a college level course offered by Montevideo High School through the Concurrent Enrollment Program at Minnesota State Community and Technical College—M State. To receive this college credit, you must qualify via M-State requirements AND complete both semesters to receive 5 semester credits from M State. This course will cover all of the topics as required by M State as well as the College Board for AP Calculus AB. Topics will include: finding limits, finding derivatives, applications of derivatives, finding integrals, applications of integrals, finding area and volume, as well as other related topics. Students who complete this course will be able to take the AP exam.

134 APPLIED TECHNICAL MATH

Semester .5 credit

Open to: Grades 11, 12

Prerequisite: Algebra, Geometry. Students interested in Tech School. Must have completed the 3 required Math credits.

**This course does not count toward the MATH credit requirement.*

This course teaches math concepts used in trade and industry formulas. Emphasis is on practical applications of ratios and percentages, ratios, measurement conversions, statistics, geometric relationships, money and basic graphing and use of many industry formulas.

142 INTRO TO ROBOTICS 1

Semester 1 .5 HS credit

Open to: Grade 9, 10

Prerequisite: None

There is a \$20 class fee for this course.

This course will introduce students to the world of robotics. Students will be introduced to basic coding concepts and building of a robot. The students will work on problem solving skills, math skills, communication, cooperation skills and others to apply them to real world situations.

144 ROBOTICS 2

Semester 2 .5 HS credit

Grade Level: 10-12

Prerequisite: Intro to Robotics I

There is a \$20 class fee for this course.

This course will expand the concepts discussed in Introduction to Robotics I. Students will develop their skills and work on more advanced coding concepts, design, and problem solving. Students will work on skills in mechanical advantage, linear motion, and more.

MUSIC

165 CONCERT BAND

Full Year 1 credit
Open to: Grade 9-12
Prerequisite: 8th grade band or permission of the instructor
Students have their own instrument or pay a school rental fee.

Eligible students will rehearse during the scheduled period each day for the entire school year to obtain full credit. Students are given the opportunity to perform a wide variety of musical styles. Students will attend weekly band lessons, participate in various concerts, and be available to perform in activities such as marching, pep band, solo and ensemble contest, and are eligible to audition for jazz ensemble.

333 CHOIR 9

Full Year 1 credit
Offered: Full year preferable, by semester is possible by arrangement
Open to: Grade 9 tenors and basses, Grade 9 treble voices (sopranos & altos)

Students will rehearse during scheduled periods during the week and will also be required to attend all concerts, special rehearsals, large group festivals, and graduation. Students in this class will work toward excellent singing technique, music reading, and music knowledge. Students will also be given the opportunity to take voice lessons, either individually or in a group, and will have the chance to audition for Madrigal/Jazz Choir, as well as other vocal opportunities.

161 CONCERT CHOIR 10-12

Full Year 1 credit
Offered: Full year preferable, by semester is possible by arrangement
Open to: Grades 10-12 tenors and basses, Grades 10-12 treble voices (sopranos & altos)

Students will rehearse during scheduled periods during the week and will also be required to attend all concerts, special rehearsals, large group festivals, and graduation. Students in this class will work toward excellent singing technique, music reading, and music knowledge. Students will also be given the opportunity to take voice lessons, either individually or in a group, and will have the chance to audition for Madrigal/Jazz Choir, as well as other vocal opportunities.

PHYSICAL EDUCATION and HEALTH

175 9TH GRADE PHYSICAL EDUCATION

Semester .5 credit
Open to: Grade 9
Required
This course meets every day for the semester.

Emphasis is on skills that can be learned and carried over into a lifetime of healthy living. Activities include but are not limited to: soccer, flag football, volleyball, basketball, lacrosse, speedball, pickleball, floor hockey, weight training, goal setting, fitness planning and testing, tennis, softball, golf, and track n' field.

Students will be graded on daily participation, skill tests on technique, written tests, and homework assignments.

Students should have clothes to change into that are separate from the clothes they wore to school that day.

180 10TH GRADE HEALTH

Semester .5 credit
Open to: Grade 10
Required
This course meets five days per week for a full semester.

The curriculum used is a "Health Skills for Wellness" with emphasis on making good/healthy choices to be carried over for a lifetime of healthy living. Major units covered include, but are not limited to: personal fitness, nutrition, stress, self-care, environmental health, responsible decision making in regards to: drugs/alcohol/tobacco and responsible decision making concerning sexual, family, and current health issues.

176 SPORTS FITNESS

Semester .5 credit
Open to: Grade 10
Required
This course will meet five days per week with the emphasis being personal fitness and writing/implementing a personal fitness plan.

Students will be graded on daily participation, skill tests on technique, written tests, and homework assignments. The primary goal for the class is for students to gain knowledge and appreciation for physical fitness as a way of life and for students to demonstrate improved levels of fitness through pre and post tests. The course will be co-educational with students having the opportunity to participate in all activities on an equal basis. The course is offered semester 1 and 2 for credit with one semester being required for all sophomores. Students may take multiple semesters of this class over their high school careers.

177 LIFETIME FITNESS

Semester .5 credit

Open to: Grade 10, 11, 12

Prerequisite: Approval of Instructor or Recommendation by 10th grade Physical Education Instructor

This course will meet five days per week with the emphasis being on lifetime fitness.

Students will understand how to implement sport, lifetime activities, and aerobic/anaerobic activities into their lifestyle for a lifetime of health and fitness. Students will be taught the current trends in physical fitness and athletic peak performance training, which includes flexibility, aerobic/anaerobic fitness, agility training, plyometrics, and sports skill development. Students will also learn structural and biomechanical kinesiology to tie in with their personal fitness goals. Students will be graded on daily participation, skill tests on technique, written tests, and written work assigned in class. Students may take 1 or 2 semesters. This course may meet the grade 10 physical education/sport fitness requirement.

178 INTRO to CONDITIONING: Your overall health and sports performance 9th & 10th Grade

Semester .5 credit

Offered to: Grade 9 and Grade 10 (**elective credit**)

This is a course completely focused on conditioning the body overall to live a healthier life and enhance your athletic performance. Let's have some fun learning Aerobic/Anaerobic training, plyometrics, weight training, interval training, speed/agility, where you can have your own personal programs set for you to reach your personal goals. This does not replace your required 9th grade PE or 10th Grade Sports Fitness graduation requirements. This is an elective course.

SCIENCE

Total of 3 credits

Science 1yr	Sem 1/Sem 2	9th Grade Integrated Science
Science 1yr	Sem 1/Sem 2	Biology I
Science 1yr	Sem 1/Sem 2	Chem1100, Chem1111, Physics, Envi Sci
Science	1 Sem	Animal Sci, Nat Res Sci, Food Chem , Organic Chemistry, Anatomy & Physiology, Explore MN

***Bolded classes include the Chemistry or Physics STANDARD that must be met within the 3rd credit of science.**

191 9TH GRADE INTEGRATED SCIENCE

Full Year 1 credit
Open to: Grade 9
Required Materials: Colored Pencils, Non Graphing Scientific Calculator

In 9th grade Integrated Science students will explore the many disciplines related to our planet and its geologic, physical, chemical, and biological processes. It will contain a variety of activities based on the structure and changes of matter and energy and how they affect the physical world in which we live. The topics studied will include introductory concepts of Chemistry, Physicals, Earth and Space, and Environmental Science. In simplest terms, Integrated Science will be the combined study of what things are made of and how they change naturally with time on this planet.

193 BIOLOGY I

Full Year 1 credit
Open to: Grade 10, 11, 12
Required Materials: 3 Ring Binder, Colored Pencils, Non Graphing Scientific Calculator

Required Course- The students in this course will learn the biological concepts that will be important to them as adults. Key topics will include cell biology, genetics, evolution, and ecology and the environment. Laboratory experiments and projects will be an important part of each unit. Labs will teach students how to use the tools and techniques important to biology as well as provide practical application of biological concepts.

195 HUMAN ANATOMY and PHYSIOLOGY

Full Year 1 credit
Open to: Grade 10, 11, 12
Required Materials: Colored Pencils
Prerequisite: Students who have completed Bio I with at least a C.

If your major interest is in biology, or you are interested in a career in the health fields then this is the course for you! The course will cover the structure and function of the different organ systems in the body. Experiments will cover various mammalian dissections. This course is designed for students planning careers in such areas as laboratory or health fields, environmental studies, or veterinary medicine.

199 ORGANIC CHEMISTRY

Semester .5 credit
Open to: Grade 11, 12
Prerequisite: CHEM1100 or other 1st year chemistry course

Organic chemistry is the study of carbon and all of its compounds. Compounds of carbon account for more than 90% of all known substances. This subject is appropriate for students who are planning to pursue a career in chemistry, biology, nursing, veterinary science, dentistry, pharmaceuticals, and environmental studies. This course will cover nomenclature, a study of functional groups, plastics, polymers, synthesis, forensics, and natural dyeing to mention a few. This course will be extensively lab based.

202 COLLEGE-PREP PHYSICS (Not offered: 2024-25)

Full Year 1 credit
Open to: Grade 11, 12
Prerequisite: Have or will be taking Trigonometry

This course offers the Physics Graduation Standard. Either the Physics or Chemistry Standard is required for graduation. Physics is the science which deals with everything in the universe . . . namely, matter and energy. In studying physics, you will learn the basic laws and concepts that humans have developed through thousands of years of experimentation, measurement and logical thinking. Some topics included are motion, energy, momentum, wave motion, sound, light, electricity and magnetism.

206 ENVIRONMENTAL SCIENCE

Full Year 1 credit
Open to: Grade 10, 11, 12
Prerequisite: Biology I

This is a science course for students interested in the environment from a scientific perspective. We will learn about ecology and evolution, biogeochemical cycles, species and habitat loss, water issues, sustainable land practices, pollution and environmental chemistry. We will also study current environmental issues from a social, political, economic and environmental viewpoint. Each student will be required to complete a research project dealing with environmental biology. This course fulfills the chemistry/physics requirement.

197 FOOD CHEMISTRY

Semester .5 credit
Open to: Grade 11, 12

This course offers the Chemistry Graduation Standard. Either the Physics or Chemistry Standard is required for graduation. The course applies basic scientific principles to food systems and practical applications. Reactions of carbohydrates, lipids, proteins, and other constituents in fresh and processed foods are discussed with respect to food quality. Reaction conditions and processes that affect color, flavor, texture, nutrition, and safety of food are emphasized. Students are given a role in the learning experience through group discussions and independent projects related to real world problems associated with the food industry. Student groups are given experiments that reinforce class discussions that are conveniently performed in the laboratory.

214 CHEM 1100—Fundamental Concepts in Chemistry

Full year 1 credit w/ qualifying Accuplacer score. (3 college credits)
Open to: Grade 11, 12 (Grade 10 students' w/ permission – contact the Student Center)
Required Materials: Scientific Calculator
Prerequisite: Adequate background in mathematics and physical science.

This is a college level course offered by Montevideo High School through Concurrent Enrollment Program at Minnesota State Community and Technical College—M State.

This course deals with substances, their structures and properties, the changes they undergo and the laws that govern those changes. This is a college level course offered by Montevideo High School through the Concurrent Enrollment Program at Minnesota State Community and Technical College—M State. You must complete both semesters of CHEM1100 to receive three semester credits from M State.

215 CHEM 1111 General Inorganic Chemistry (Not offered: 2025-26)

Full year 1 credit w/ qualifying Accuplacer score. (5 college credits)
Open to: Students who have successfully completed a first-year chemistry course
Required Materials: Scientific Calculator
Prerequisite: Chem1100, motivation

This extremely rigorous college level course is offered by Montevideo High School through Concurrent Enrollment Program at Minnesota State Community and Technical College—M State.

This course is the first course of a two-course series (CHEM1111 and CHEM1112). Students will learn the general chemistry principles: atomic structure, stoichiometry, solutions, bonding, thermochemistry, electronic structure, periodic properties of the elements, intermolecular forces and properties of solids, liquids, and gasses. The course includes a lab and is five (5) semester credits. You must complete both semesters of Chem1111 to receive M-State credit.

OTHER SCIENCE CREDIT COURSES

There are other courses (not in this SCIENCE section) that help meet the graduation requirements in SCIENCE. The following courses may fulfill science credits:

Agriculture Department:

Animal Science - Semester 1 - .5 credit

Natural Resource Science - Semester 1 - .5 credit

Applied Physics and Mechanization – Semester – .5 credit

Exploring Minnesota's Outdoors - Semester - .5 credit

The science classes listed above are not “lab” sciences and do not meet some college requirements for a high school lab science credit.

SOCIAL SCIENCE

Total of 3.5 credits

Social 9	Sem 1 or Sem 2	Civics
Social 10	Sem 1 & Sem 2	American History
Social 11	Sem 1 → Sem 2	World Geography → World History
Social 12	Sem 1 → Sem 2	Economics → American Government

The graduation requirements for Montevideo Senior High School include three and a half credits of social science.

Grade 9: .5 credit in Civics

Grade 10: 1 credit in American History.

Grade 11: .5 credit in World Geography → .5 credit in World History

Grade 12: .5 credit in Economics → .5 in American Government

Classes taken in this department are related specifically, to the following careers:

Lawyer/Paralegal	Teacher	Politician/Political Scientist
Law Enforcement Corrections/Criminal Justice	Social Worker	Business
Psychologist/Therapist	Sociologist	Geographer
Human Resources	Retail	Service Industries

220 CIVICS

Semester .5 credit
Open to: Grade 9
Civics is a required course taken in the 9th grade year.

This class will explore American values and how they relate to citizenship. The class will also be an introduction to American politics that will be further explored during American Government in 11th grade.

223 AMERICAN HISTORY

Full Year 1 credit
Open to: Grade 10
This is a required course taken in the 10th grade year.

American History is a required 10th grade course that involves a thematic study of U.S. History from the end of the Civil War to the present. The various themes include: "the role of government in Americans' lives", "U.S. involvement in foreign affairs", "American homeland in times of crisis", and "movements to form a more perfect union".

237 WORLD GEOGRAPHY

Semester .5 credit
Open to: Grade 11
This is a required course taken in 11th grade.

This required 11th grade course will explore various themes including: population, culture, urbanization, agriculture, economics, and political systems. Students will use Geographic Information System (GIS) tools to create and interpret various types of maps.

227 WORLD HISTORY

Semester .5 credit
Open to: Grade 11
This is a required course taken in 11th grade.

This required 11th grade course will explore various themes from regions around the world including: population, culture, migration, agriculture, economics, conflicts, history, and political systems. Students will use Geographic Information Systems (GIS) tools to create and interpret various types of maps.

225 AMERICAN GOVERNMENT

Semester .5 credit
Open to: Grade 12
This is a required course taken in the second semester of 12th grade year.

This required 12th grade course will explore the origins, functions and adaptations of the various systems of government. It will examine the concept of governing and political ideologies as they affect students in the world today. The basic components of this course are: Why government, Understanding the Constitution, and Fundamentals of the American Political System. A portion of the class is dedicated to a simulation game where students take on the roles of actual U.S. Senators as they role play how a bill becomes a law. This long standing Montevideo tradition is called, "Congress."

232 ECONOMICS

Semester .5 credit
Open to: Grade 12
This is a required course taken first semester in the 12th grade year.

This is a required semester class for seniors only. Economics is the study of how people coordinate their unlimited wants and needs against their limited resources. Students also become aware of current economic issues as well as decision-making. A portion of the class is dedicated to personal finance with an adult living simulation game of budgeting in the real world.

SOCIAL SCIENCE (ELECTIVES)

235 INTRODUCTION TO PSYCHOLOGY

Semester .5 credit (semester 1)
Open to: Grades 10, 11, 12 (priority given to grade 11 & 12; grade 10 by availability)

Psychology is the study of human behavior. The intent of this course is to help you better understand yourself and the behavior of others. Units in psychology include sensation/perception, learning/memory, motivation/emotion, and states of consciousness. This course is recommended for all students interested in human behavior and particularly those who are planning on going to college. This course also introduces topics for those interested in a career and/or interest in medicine.

236 SOCIAL & ABNORMAL PSYCHOLOGY

Semester .5 credit (semester 2)
Open to: Grades 10, 11, 12 (priority given to grade 11 & 12; grade 10 by availability)
Prerequisite: Intro to Psychology

This course is a continuation of Introduction to Psychology. Topics will focus more on behavioral changes and mental illness and deficits. Areas of study will include development of the mind, stress, and many other key principles of psychology. This class is recommended for those who want to go to college or continue learning about psychology. This course also introduces topics for those interested in a career and/or interest in medicine.

233 SOCIOLOGY

Semester .5 credit
Open to: Grades 11, 12

Sociology is the study of human group behavior. Students will study the introductory vocabulary and theories of sociology that pertain to all other areas of social studies.. This is a recommended class for students who are going to college as there will be an emphasis on written and oral assessments.

241 PSY 1200 GENERAL PSYCHOLOGY

Semester .5 credit (3 college credits) **SEM 1 only**
Open to: Grades 11, 12
Prerequisites: Intro to Psych advised but not required. See Student Center for more information.

M State GENERAL PSYCHOLOGY is available Semester 1. The following topics are covered in order to give interested students additional information regarding psychology: research in psychology, biological aspects of psychology, sensation, perception, learning, memory, cognition and language, consciousness, cognitive abilities, motivation and emotion, human development, health, stress and coping, personality, treatment of psychological disorders, social cognition and social influence. .

SPANISH

Today's world is a global world. As travel, business, and trade among countries have increased, so has the need for people with effective communication skills.

The purpose of world language education is to prepare students to:

- Become culturally sensitive.
- Communicate as competent travelers, students, and workers.

Spanish at Montevideo High School is taught through the TPRS/CI method. TPRS stands for Total Physical Response Storytelling and CI stands for Comprehensible Input. Through these methods, students are hearing Spanish right away as class is mainly conducted in Spanish. Students in class are learning Spanish much like they learned English. First, they will know a few words and make small sentences, and then as they mature with the language they are able to concentrate more on grammar and specific language details.

246 SPANISH I

Full Year 1 credit
Open to: Grades 9, 10, 11, 12

Students are taught common, everyday vocabulary words, phrases, and concepts along with various cultural elements. Students will do a lot of short, beginner level appropriate reading in Spanish along with short writing and listening tasks. Students learn how to express what they and others do and further vocabulary by acting out stories and role-playing.

247 SPANISH II

Full Year 1 credit
Open to: Grades 10, 11, 12
Prerequisite: Spanish I

Students will continue to reinforce skills in reading, listening, writing, and speaking the language by acquiring more vocabulary as well as continue to learn about culture. Students will successfully read a short novel written entirely in Spanish! Prerequisite: Spanish I and/or instructor approval.

248 SPANISH III

Full Year 1 credit
Open to: Grades 11, 12
Prerequisite: Spanish II or placement of the instructor

In Spanish III, students will work on developing a proficiency in reading, writing, listening, and speaking skills. With these skills, students will be able to communicate on a higher level in "real life" scenarios. Prerequisite: Spanish 1, 2, and/ or instructor approval.