2024 - 2025

Course Registration Guide

Mounds View
HIGH SCHOOL
Mounds View Public Schools

WELCOME TO MOUNDS VIEW HIGH SCHOOL!

At Mounds View High School, we have a long tradition of success, both inside and outside the classroom. We are driven by our values as One HERD! Specifically, we value students':

- Health & Well Being
- Engagement
- Relationships
- Dignity & Inclusion

Our values drive how we engage with and support students. We are proud of your academic and co-curricular accomplishments, and are excited that you are a part of Mounds View High School!

This course guide is provided to assist you in the registration process and help you plan your high school courses of study. In addition to reviewing the guide, you are urged to consult with your dean, parents, and teachers. They can offer advice and assistance in making decisions on course selection and post-secondary planning. All incoming 9th graders will have an opportunity to meet with their dean between June & August.

Requirements for admission to colleges and other post-secondary educational institutions vary greatly. Contact your dean for admission requirements for specific schools.

Mounds View offers many choices including: Advanced Placement classes for all students, College in the Schools (CIS) classes for students in grades 11 and 12 and Anoka Ramsey Community College courses for students in grades 10-12. In addition, a number of Career & Technical Education courses have been articulated, enhancing the opportunity to gain college credit and experience while in high school. Mounds View Public Schools also offers our students the opportunity to explore a variety of careers through specific coursework aligned to industry pathways. Make your decisions carefully, keeping in mind your own educational, career and personal goals.

Finally, be sure to create a schedule that will allow you balance in your life. That is, take into account your out-of-school commitments when determining the rigor of the courses you select. Contact your dean with any questions.

Sincerely,

Robert Reetz
Principal

Our Mission

"Building an inclusive community of responsible, respectful and resourceful citizens who value learning."

MOUNDS VIEW

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TABLE OF CONTENTS

REGISTRATION TIMELINE

Refer to the high school website Registration Page for specific dates and times.

At the beginning of the calendar year, enrollment begins for students new to Mounds View School District schools for the 2024-2025 school year.

Current 8th Grade Students

January
During the month of January, high school deans meet with middle school students to discuss registration. Students may meet individually with their dean to discuss registration options.

February
Online registration through StudentVUE takes place during the first two weeks in February. Students/families will complete the online registration at their middle school. Contact your high school or middle school dean with questions.

Four Year Planning Meetings
Student's schedules will be finalized at the 4 year planning meeting with their high school dean in the summer.

Current 9th, 10th and 11th Grade Students

Mid-January
Teachers will discuss course options and answer student questions.

Early February
Students register online for courses in their English Language Arts class. Registration is through StudentVUE. Students who do not have an English Language Arts class in the building should schedule a meeting with their dean in early February to complete the process.

Mid-February
The registration window closes. All course registrations are final at this time.

If you have any questions about the registration process, contact Gretchen Zahn, Associate Principal or your student's dean.

April to May
Deans and students resolve any scheduling conflicts.

All Students

August
All families are asked to complete the Online Verification through ParentVUE. This is a chance to update contact information, health information and photograph permission for the upcoming school year. This is done annually.

Registration

Course registration takes place in February to assist administration in fully utilizing faculty for the upcoming year.
In most cases it will not be possible for a student to change course selections after the student completes the registration process.
If, after registration, a course is canceled, the student's alternate choice will be substituted.

Repeated Courses

Students may repeat up to two semesters of coursework in an attempt to improve past grades. Repeated courses must have PRIOR WRITTEN APPROVAL (see your dean). New grades will replace old ones in the GPA, only if they are higher. Credit will be granted only once. The grade of retaken (R) will be used to indicate the semester in which the course was originally attempted. The R will not count towards their GPA, nor will credit be earned.

Every student has the right of access to all courses without regard to gender.

Terms used in this Guide

Advanced Placement (AP): designated courses taught at the college level which prepare students for a qualifying exam offered (for a fee) through College Board. Students who choose to take the exam, and who demonstrate sufficient competence, may be eligible for college credit.

Articulated College Credit (ACC): college credit associated with courses that have an articulation agreement with our school district makes it possible for students (10-12 grade) to earn college credit. ACC courses are offered in the areas of Art, Business & Marketing Education, Family & Consumer Science, and Career & Technical Education.

Concurrent dual enrollment: taking courses simultaneously for both high school and college credit. For example, taking an ARCC or CIS course at Mounds View High School in which student receives credit at both the high school and college levels.

Credit: full course credit (1.0) granted for successful completion of a course meeting for one hour per day for the entire year; half credit (.5) granted for successful completion of a semester course meeting for one hour per day for one-half the year.

Elective: not required; a course that may be taken to earn credit toward graduation.

Hybrid: a combination of on-line learning and face-to-face interaction with a teacher and peers.

Online: indicates courses that will be taught by a Mounds View Public School teacher, for anytime, any place learning.

This symbol indicates College Credit or Articulated College Credit (ACC) associated with this class. Go to www.CTECreditMN.com to view a list of MN Technical and Community Colleges awarding Articulated College Credit for this course.

This symbol indicates that a course is also offered online.

GENERAL INFORMATION

In the spirit of school to home partnership, and in keeping with the understanding that parents/guardians know their children best, we urge families to consider things such as student interest, social/co-curricular commitments, and balance when registering for classes. Parents/guardians are also encouraged to ask questions, review resources, and aid their children in the selection of courses. All materials used for instruction are carefully considered by teams of teachers to meet the needs of each student. Deans and teachers can support students and families in the course selections and in the selections of alternative materials, if needed.

Registration Tips

1. It is helpful to map out a tentative four year plan of courses. You may use Naviance or the **4-Year Planning Grid** to assist you in this process.

2. Think about your goals for after high school and your involvement in things besides academics. Discuss with parents/guardians the time commitments allocated for school, family and activities.

3. Review the variety of options offered in the Registration Guide. An overview of course offerings can be found at the front of the guide. Read the course descriptions of classes that interest you.

4. Think about the physical education and health requirements and decide how you will address them in high school. Will you take more than a "minimum" in this area? When will you take the classes?

Schedule Changes After the Registration Deadline

Classes and staff allocations are based on registration numbers, so it is very important that students register correctly and accurately. Students are asked to communicate with their teachers and deans before registering to make sure all of their questions have been answered and they feel comfortable and confident in their course selections. After the registration window closes in February, each student will meet with their dean to discuss course choice and confirm their registration for 2024-2025. We will ONLY make schedule changes for the following reasons:

- The schedule contains a true error or does not have six classes scheduled (students are to come to Student Services at the beginning of the missing period during the first four days of school);
- The schedule needs adjustment to accommodate PSEO, 916, or a work program;
- The student has not met a prerequisite to take a course and must replace it;
- A senior requires a change to meet graduation requirements; or
- A junior or senior decides to be a Teaching Assistant (TA) and is on track to graduate.

Hybrid Course Information

Hybrid courses are available at both Irondale and Mounds View High Schools and are noted in the course descriptions. For a full list see page 62.

In a hybrid course, 60% to 80% of the course is delivered online through web-based programs such as Google Classroom, Google Sites and other tools and 20% to 40% is through in-person instruction in a seminar. Seminars for hybrid classes will most often meet one to two times per week. Some seminars meet before school starts (zero hour), some after school (7th hour), and some are part of a student's daily schedule. Students may take a hybrid course with a seminar held at either Mounds View High School or Irondale High School; however, students must provide their own transportation if taking a course at a school other than their home high school and/or if the course meets outside the school day.

NCAA Eligibility

Students hoping to participate in Division I or II athletics in college must plan carefully as they complete high school courses. NCAA Approved courses are noted in the Course Descriptions. Application for eligibility is made after the junior year of high school.

ACT and SAT scores are also factored into final eligibility decisions. For complete details, see the NCAA Guide for the College-Bound Student-Athlete brochure available at www.NCAA.org.

For purposes of meeting core curriculum requirements, a "core course" is defined by the NCAA as a recognized academic course designed to prepare a student for college level work as opposed to a vocational or personal service course. Courses taught at a level below the high school's regular academic instruction level (ie. remedial, special education or compensatory) shall not be considered as "core courses" regardless of course content.

Minnesota State Community and Technical Colleges

Minnesota Two-year Community and Technical Colleges have an "Open Admissions Policy". This means that if you have a high school diploma or a GED, you can enroll. No standardized tests are required, nor are your grades in high school taken into consideration. It is recommended that you take a well-rounded high school course load, similar to the High School Course Preparation Requirements listed below, if you plan to transfer to a four-year college later. Otherwise, select courses which provide you a range of experiences and prepare you for your chosen career field.

Minnesota State Universities

State universities generally will accept you if you can answer "yes" to at least one of these questions:

- Did you graduate in the top half of your high school class?
- Did you score 21 or higher on the ACT standardized test?

Some universities may have slightly different admission requirements. If students do not meet the minimum admission requirement, they may be considered under special circumstances.

All applicants are expected to have completed the High School Course Preparation Requirements that include:

- 4 years English
- 3 years Mathematics, including Intermediate Algebra, Advanced Algebra and Geometry
- 3 years of Science, including Biology and Earth Science with labs
- 3 years of Social Studies, including Geography and US History
- 2 years of a single World Language
- 1 year of specified electives (world culture, computer science, arts, music)

University of Minnesota

Admission to the University of Minnesota is competitive, since they receive more applicants than they can accommodate in the freshman class. Each application is carefully reviewed and decisions are based on an overall assessment of the primary and secondary factors listed below:

Primary Review Factors:

- A strong college preparatory curriculum and successful completion of the high school course preparation requirements
- Grade point average (GPA)
- ACT or SAT scores
- University of Minnesota Minimum High School Course Requirements: click here

Secondary Review Factors:

- An especially challenging pattern of coursework, including AP or college coursework
- Evidence of exceptional achievement, aptitude or personal accomplishment not reflected in your academic record or standardized test scores
- A pattern of steady improvement in academic performance
- Participation in extra-curricular college preparatory programs (e.g. Educational Opportunity Program, LEAD, MEP, PSEO, Summer Honors College, Talent Search, Upward Bound, etc.)
- Evidence of exceptional talent or ability in artistic, scholarly, leadership or athletic performance
- Demonstration that your enrollment would enhance the university's diversity
- Evidence of exceptional motivation, maturity or responsibility
- Outstanding high school or community involvement
- Work experience, paid or unpaid
- Size of your graduating class
- Evidence of having overcome social, economic or physical barriers to educational achievement
- Extenuating circumstances
- Letters of recommendation

EARLY COLLEGE ACCESS AT MVHS

Advanced Placement (AP)

This program of college level coursework includes rigorous requirements and more work than the typical college preparatory course and carries a weight factor of 1.25 on the weighted grading scale. In addition, upon completion of the curriculum, students are encouraged to take the national AP exam for the course(s) and may be able to earn college credit depending on their performance on the exam. Colleges then determine whether or not to grant college credit or placement in a more advanced course during freshman year. Courses are taught by trained AP teachers and classes are held at Mounds View High School and Irondale High School. Options include:

- English Language & Composition (1 Semester)
- English Literature & Composition
- English Language & Comp Seminar (2 Semesters)
- Biology
- Chemistry
- Physics
- Physics C: Mechanics
- Physics C: Electricity & Magnetism
- US Government & Politics
- Comparative Government & Politics
- Human Geography
- US History
- World History
- Macroeconomics
- Microeconomics
- Psychology
- European History
- Precalculus
- Calculus AB
- Calculus BC
- Statistics
- French Language & Culture
- Spanish Language & Culture
- Computer Science Principles
- Computer Science A
- Art & Design

For more information on AP Courses, visit the College Board website: apstudent.collegeboard.org

IMPORTANT! Looking Ahead: The MV Advanced Placement webpage includes additional information for students and families.

College in the Schools (CIS)

This program is in conjunction with the University of Minnesota. Seniors who meet requirements may enroll and earn 4 semester credits at the U of M, while meeting Mounds View High School English, Math and Science graduation requirements. Selected other colleges and universities will accept these credits as well. Options include:

- CIS Introduction to Literature
- CIS University Writing
- CIS Basic & Applied Statistics
- CIS Introductory College Physics

Articulated College Credit (ACC)

College credit associated with courses that have an articulation agreement with Mounds View Public Schools makes it possible for students (10-12 grade) to earn college credit. ACC courses are offered in the areas of Art, Business & Marketing Education, Family & Consumer Science and Career & Technical Education. For more information on ACC courses, visit the CTE website: http://ctecreditmn.com/. Course options include:

- Accounting
- Hybrid Accounting
- Advanced Accounting
- Hybrid Advanced Accounting
- Advanced Marketing
- Personal & Business Law
- Business Applications
- Business Entrepreneurship
- Business Management
- College Financial Accounting
- Fashion Marketing
- How to Make Almost Anything 2
- Intro to Engineering Design 1&2
- Auto Technology 1&2
- Small Engines & Power Sports Mechanics
- Interactive Media
- Introduction to Marketing
- Personal Finance
- Photoshop for Publishing
- Sports, Entertainment, & Hospitality Marketing
- Web Page Design
- Word Processing for College
- Child Psychology & Development
- Housing & Interior Design
- Digital Photography 1

College-Level Examination Program (CLEP)

The College Board's College-Level Examination Program (CLEP) has been the most widely trusted credit-by-examination program for over 40 years, accepted by 2,900 colleges and universities and administered in more than 1,700 test centers. This rigorous program allows students of a wide range of ages and backgrounds to demonstrate their mastery of college-level material in introductory subjects and earn college credit. Students can earn credit for what they already know by getting qualifying scores on any of the 33 examinations. Students interested in CLEP should meet with their dean and visit this website: https://clep.collegeboard.org/exams

College credit associated with this class

Post-secondary Enrollment Options (PSEO)

Post-secondary Enrollment Options (PSEO) is a program that allows students in grades 10-12 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 post-secondary institutions. Most PSEO courses are offered on the campus of the post-secondary institution; some courses are offered online. Each participating college or university sets its own requirements for enrollment into the PSEO courses. Students in grades 11 and 12 may take PSEO courses on a full- or part-time basis; 10th graders may take one career/technical PSEO course. If they earn at least a grade C 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. 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 1, every year. Students must notify their school by May 30, if they want to participate in PSEO for the following school year. For current information about the PSEO program, visit the Minnesota Department of Education's (PSEO) website. http://education.state.mn.us/MDE/fam/dual/pseo/

ANOKA-RAMSEY COMMUNITY COLLEGE

Anoka-Ramsey Community College (ARCC)

Through an agreement with Anoka-Ramsey Community College (ARCC), students take Early College courses at Mounds View High School during the regular school day from credentialed District teachers who have partnered with an ARCC faculty mentor. There are occasional opportunities for students to visit the ARCC campus to participate in Early College campus activities. To earn college credit in a dual enrollment course, students must earn at least a C average on the ARCC grading scale and demonstrate proficiency in all essential outcomes. Students will need to meet program and course eligibility to participate.

For a printer-friendly brochure summarizing the Early College program, visit the Mounds View website:
https://www.moundsviewschools.org/cms/lib/MN01909629/Centricity/Domain/1557/ec_program.pdf

With the Early College program, post-secondary success is becoming more attainable for all students and the opportunity to earn an associate degree is now a reality for many students. ARCC course options include:

- Hybrid College Introduction to Art
- College Short Stories
- College Interpersonal Communication
- College Writing & Critical Reading
- College Algebra
- Hybrid College Music Appreciation
- Online College Personal & Community Health
- College Biology
- College Chemistry
- College Environmental Science
- College History of Immigration & Ethnicity
- College American Sign Language & Culture 2

Northeast Metro 916

Northeast Metro 916 offers 20 career and technical education programs which offer college credit at a number of post secondary institutions. See page 59 for the list of programs and visit 916careertech.org for more information.

COURSE AND CREDIT REQUIREMENTS FOR GRADUATION

Minimum Credit Requirements	
English	4.0
Social Studies	3.5
Mathematics	3.0
Science	3.0
Physical Education/Fitness for Life	0.5
Health	0.5
Fine Arts	1.0
Electives	6.5
Minimum Total	22.0

This distribution of credits will **NOT** be sufficient to satisfy entrance requirements for many post-secondary institutions. College admission information can be found on Naviance or on the College website. Students who wish to meet requirements through ANY experience or coursework outside of Mounds View High School MUST HAVE PRIOR APPROVAL.

Alternative Options for Students to Meet Academic Requirements

Credit for Learning

Credit for Learning is an option that high school students have for earning credit by attaining course learner outcomes through a pre-approved, out-of-school learning experience.

Course Waivers and Course Test Out/Assess Out

Consistent with Minnesota Statute 120B.024, requests for course test out/assess out will be reviewed on an individual basis. Determinations regarding whether a course will be waived or credit will be granted is determined by the principal in consultation with the student, dean and a teacher from the specified content area.

Important

Students and parents/guardians who are interested in either of these options must consult with their dean and determine how the alternative option will be incorporated into a plan for meeting District Graduation Requirements. All alternative options MUST HAVE PRIOR APPROVAL to begin any work or begin a testing process.

Fine Arts Requirement

1.0 credit in the arts is required for graduation. These courses will count toward fulfillment of this requirement:

Introduction to HS Art	.5	Varsity Band	1.0
2D Art	.5	Concert Band	1.0
3D Art	.5	Symphonic Winds	1.0
Advanced 2D Art	.5	Varsity Orchestra	1.0
Adv Problem Solving in 2D Art	.5	Philharmonic Orchestra	1.0
Advanced 3D Art	.5	Chamber Orchestra	1.0
Digital Photography I	.5	Concert Orchestra	1.0
Digital Photography II	.5	Symphony Orchestra	1.0
Senior Art	.5	Bel Canto Choir	1.0
AP Art & Design	1.0	Concert Choir	1.0
ARCC Hybrid Introduction to Art	.75	Mustang Chorus	1.0
Graphic Design	.5	Hybrid College Music Appreciation—ARCC	.75

MVHS GRADUATION REQUIREMENTS & CREDIT CHECKLIST

CREDITS

22 credits required for graduation – grades 9-12

Below are graduation minimum requirements. Grade level indicated next to class is a recommendation, not the required grade level.

Required Credits:	**Completed**
English (4.0 credits)	
English 9 (1.0 credit, 0.5 credit per semester)	❑❑
English 10 (1.0 credit)	❑❑
Grade 11 (1.0 credit)	❑❑
Grade 12 (1.0 credit)	❑❑
Social Studies (3.5 credits)	
Grade 9: Econ/AP Macro (0.5 credit)	❑
Human Geo./AP Human Geo. (0.5)	❑
Grade 10: U.S. History or AP U.S. History (1.0)	❑❑
Grade 11: World Hist. or AP World Hist. (1.0)	❑❑
Grade 12: Government or AP Gov't. (0.5)	❑
Math (3.0 credits)	
Intermediate Algebra (1.0 credit)	❑❑
and/or Geometry (1.0 credit)	❑❑
and/or Advanced Algebra (1.0 credit)	❑❑
and/or College Algebra (1.0 credit)	❑❑
and/or Precalculus (1.0 credit)	❑❑
and/or Calculus (1.0 credit)	❑❑
Science (3.0 credits)	
Earth Science (1.0 credit)	❑❑
Biology (1.0 credit)	❑❑
Chemistry OR Physics (1.0 credit)	❑❑
Health (0.5 credit)	❑
Physical Education/Fitness for Life (0.5 credit)	❑
Fine Arts (1.0 credit)	❑
Electives (6.5 credits)	❑
Minimum Total: 22.0 credits	❑

English Recommendation:
One semester of literature AND one semester of composition, both junior and senior year.

MVHS MINIMUM CREDIT REQUIREMENTS

English	4.0
Social Studies	3.5
Mathematics	3.0
Science	3.0
Health	0.5
P.E. / Fitness for Life	0.5
Fine Arts	1.0
Electives	6.5
Minimum Total	22.0

Four-Year College Prep Recommendations

SUBJECT:	YEARS:
English (4 years)	_____
Social Studies (3.5 years)	_____
Math (4 years)	_____
Science (4 years)	_____
World Language (2+ years)	_____

*In the spirit of school to home partnership, and in keeping with the understanding that parents/guardians know their children best, we urge families to consider things such as student interest, social/co-curricular commitments, and balance when registering for classes. Parents/guardians are also encouraged to ask questions, review resources, and aid their children in the selection of courses. All materials used for instruction are carefully considered by teams of teachers to meet the needs of each student. Deans and teachers can support students and families in the course selections and in the selections of alternative materials, if needed.

Course Descriptions

Introduction to High School Art

Course Number: 3101
Grades: 9, 10, 11
Credit: .5

Students will generate ideas using the elements and principles of design to create visual compositions. Students will gain skills in drawing, color-theory, and sculpting with emphasis in creating original works of art. It is recommended that Grade 12 students take Senior Art.

Senior Art

Course Number: 3135
Grade: 12
Credit: .5

This course has been specifically designed for seniors. Content is differentiated based on previous experience. Students are provided with opportunities to work in two and three dimensional design, with emphasis placed on creating original works of art, development of skills and exploring ideas and interests. Work will be produced in drawing, painting and ceramics.

Digital Photography 1

Course Number: 3124
Grades: 9, 10, 11, 12
Credit: .5
Note: Students in grades 10, 11 and 12 who earn a B or better in class may receive two Articulated College Credits (ACC) through Saint Paul College.

Photography captures moments in time through light and allows us to view the world through different lenses, either as the viewer or the photographer. This project-based course is designed to give students experiences with the creative and technical aspects of photography.

Two Dimensional Art

Course Number: 3103
Grades: 9, 10, 11, 12
Credit: .5

In this course students will create works in the two dimensional format, such as drawing, painting, and printmaking. The course will focus on skill development, generating original ideas, and developing personal styles within an art form. Historic perspectives and contributions of famous artists enhance the art making process. Students are required to work independently on an illustrated sketchbook.

Three Dimensional Art

Course Number: 3105
Grades: 9, 10, 11, 12
Credit: .5

Explore and understand form and space through various sculptural techniques. Clay work may include: learning the basics of wheel-throwing and hand-built sculptures in the creation of original works of art. Students create works of art in various mediums. Emphasis is placed on incorporating the elements and principles within the design process.

Digital Photography 2

Course Number: 3125
Grades: 9, 10, 11, 12
Credit: .5
Sequential Course: Digital Photography 1 (3124)

Digital Photography 2 is designed for students who are interested in building upon the previous course through an additional exploration into the techniques, processes, and media of Digital Photography. By exploring photographic and digital media with the camera and computer, students will be able to develop a body of work that reflects diversity in problem solving. Projects are open-ended enough for students to develop their own styles and modes of expression.

Advanced Two Dimensional Art

Course Number: 3104
Grades: 10, 11, 12
Credit: .5
Sequential Course: Two Dimensional Art (3103)

Students will continue to develop skills using all of the mediums introduced in Two Dimensional Art. Emphasis will be on finding a personal style and producing portfolio quality work.

Advanced Problem Solving in Two Dimensional Art

Course Number: 3118
Grades: 11, 12
Credit: .5
Sequential Course: Advanced Two Dimensional Art (3104)

This course is designed for the student who wants to pursue more lessons in the 2 dimensional format (i.e. painting, drawing, printmaking) but has already taken both regular and advanced 2D art. Students would have a fair amount of freedom in terms of the types of projects they would work on.

Advanced Three Dimensional Art

Course Number: 3106
Grades: 10, 11, 12
Credit: .5
Sequential Course: Three Dimensional Art (3105)

Students will continue to learn skills related to various clay building techniques, such as wheel-throwing and slab construction. In addition to clay, students will explore other forms of sculpture through the use of 3-D mediums, such as plaster and wire. Emphasis will be placed on the development and revision of ideas related to three dimensional thinking with the goal of completing a series of original art works.

AP Art & Design

Course Number: 3116 & 3117
Grades: 11, 12
Credit: 1.0

The AP Art & Design class enables highly motivated students to submit a portfolio of work for College Board evaluation at the end of the school year. This course follows the AP course guidelines designed by College Board. The guidelines for AP Art and Design have been designed to accommodate a variety of interests and approaches to art. The two sections of the portfolio are: Selected Works-the development of a sense of excellence in art; Sustained Investigation-an in-depth commitment to a particular artistic concern. Students will create approximately 15 high quality pieces.

ARCC Introduction to Art

Course Number: 8101H
Grades: 11, 12
Credit: .75

Note: This is an Anoka-Ramsey Community College course. Students will earn three college credits for ART 1100 Art Appreciation upon successful completion. This course fulfills the Minnesota Transfer Curriculum Goal 6: Communications and Goal 8: Global Perspective. Students must enroll for both college and high school credit.
This course will be offered as a hybrid, combining traditional in-class instruction with online assignments throughout the week. In-class days will be determined for each semester calendar, averaging 2-3 in-class days per week. Students must transport themselves to performance sites. The course will cost students approximately $50 for the purchase of event tickets.

Introduction to Art is the historical and topical study of art and its relationship to culture and society. This course incorporates the extensive use of visual materials to teach the essentials and aesthetics of art, civilization, and daily life.

Graphic Design

Course Number: 3128
Grades: 9, 10, 11, 12
Credit: .5

This course introduces skills, techniques, and applications relating to artistic design for use in publications such as magazines, billboards, books, or websites. There will be a focus on digital manipulation which will include, but is not limited to, working with the Adobe Suite. Hands on artistic skills include illustration, poster making and t-shirt design with a focus on real world design experience.

Also available online College credit associated with this class

Interactive Media

Course Number: 3854
Grades: 9, 10, 11, 12
Credit: .5
Note: Students may earn articulated college credit for this course.

Bring your imagination to life! Combine creative storytelling and cutting edge technology to design interactive experiences for a variety of audiences. Students will collaborate and problem solve to develop original video, audio, animation, and virtual reality productions. This hands-on, project-based course is an introduction to interactive design and the use of the elements of space, time, light, motion, color, and sound to express perspectives, feelings, and ideas. This course is an excellent introduction to career fields such as interactive media, animation, advertising, and video production. Course highlights include industry expert speakers and a field trip to two Twin Cities interactive media agencies.

Sports, Entertainment & Hospitality Marketing

Course Number: 3810
Grades: 9, 10, 11, 12
Credit: .5
Note: Students may earn articulated college credit for this course.

The Twin Cities is a hot spot for sports, entertainment and hospitality careers! In this project-based course, students will learn and apply the core concepts of marketing to the sports, entertainment & hospitality industries. Students will explore current trends in athlete/celebrity endorsements, sponsorships, professional, amateur, and non-traditional/extreme sports industries, entertainment, event management, music, movies, and reality television. Course highlights include the opportunity to develop a sports franchise, hear from industry expert speakers, and go on a field trip to a professional entertainment/sports facility (e.g. Target Field, US Bank Stadium, Allianz Field, First Avenue, etc.).

Fashion Marketing

Course Number: 3811
Grades: 9, 10, 11, 12
Credit: .5
Note: Students may earn articulated college credit for this course.

The Fashion Marketing course is designed to expose students to the fundamentals of marketing throughexploration of the fashion industry. This course will acquaint students with basic knowledge of the globalfashion industry and techniques used by experts to design, create, display, promote and sell. Students willuncover secrets of merchandising and gain a deeper understanding of the market by applying the '4 Ps" tocreate a final course project. Within each unit, students will work on elements related to the final projectin an effort to apply what they are learning.

Introduction to Marketing

Course Numbers: 3804 & 3805
Grades: 10, 11, 12
Credit: 1.0
Note: Students may earn articulated college credit for this course.

Put your business and marketing skills to work in real-world applications and environments in this dynamic, project-based class. Students in this yearlong course will have an opportunity to enhance their marketing and leadership skills by participating in competitions and leadership conferences in events such as business, marketing, finance, hospitality, administration, human resources or management. Those enrolled in the class will be eligible to participate in DECA, a national association of marketing students. Highlights of this course include connecting with local business professionals, learning from guest speakers, field trips to a leadership/high ropes course, two marketing agencies, community service projects, and operating a successful and profitable business - The MV DECA Store.

Advanced Marketing

Course Numbers: 3806 & 3807
Grades: 11, 12
Credit: 1.0
Note: Students may earn articulated college credit for this course.

Dig deeper and take your business and marketing expertise to the next level. This yearlong course builds on the concepts from Introduction to Marketing. Leadership, public relations, and community building are key areas of focus in this creative, student-driven, collaborative class. Competitive events and guest speakers supplement the curriculum to make learning authentic. Career highlights include a job shadow in a career path of one's choice, field trips to a leadership/high ropes course and two marketing agencies, and community service projects. Students are promoted to management positions in the MV DECA Store and demonstrate their skills by making and implementing critical marketing decisions (e.g., product mix, pricing strategies, promotion, and store merchandising campaigns) to grow a successful and profitable business. Those enrolled in the class will be eligible to participate in DECA, a national association of marketing students.

BUSINESS & MARKETING EDUCATION

Accounting

Course Number: 3801
Grades: 10, 11, 12
Credit: .5
Note: Students may earn articulated college credit for this course.

Speak the 'language of money'! Accounting is one of the fastest growing career fields. This course is for students interested in pursuing business degrees in sports administration, accounting, finance, sales, marketing, management, law, engineering, or for individuals with the entrepreneurial spirit. Students will explore the role of ethics and decision-making tools businesses use to achieve success. Course highlights include a field trip to a local financial organization and a simulation using authentic industry accounting software.

Advanced Accounting

Course Number: 3802
Grades: 11, 12
Credit: .5
Sequential Course: Accounting 3801
Note: Students may earn articulated college credit for this course.

This course is the second course in the Accounting series. It is extremely advantageous for students who are interested in pursuing an accounting or finance major in college. Students build on their skills developed in Accounting by exploring the dynamic role accountants play in today's competitive business environment.

Personal Finance

Course Number: 3827
Grades: 10, 11, 12
Credit: .5
Note: Students may earn articulated college credit for this course.

Prepare for life in this hands-on, foundational money management course. Learn how to achieve financial freedom and live independently by mastering the basics from budgeting and banking skills to investing and managing risk. Students will evaluate their financial options and explore the benefits of personal wealth management. Additional units of study include behavioral finance, earning income, taxes, using and managing credit and debt, buying goods and services (car, house, etc.), and giving.

Course highlights include creating one's own short-term and long-term financial plan, real-world simulations, industry speakers, field trip to the Federal Reserve in Minneapolis, stock market game, case studies, current events, and personal reflection activities.

Wealth Building

Course Number: 3834
Grades: 11, 12
Credit: .5

Financial success depends significantly on the ability to manage money and make good financial decisions. Students will examine different types of investments and investment strategies to build wealth and create financial security. This project-based course will help students develop investing knowledge while analyzing and tracking stocks, bonds, mutual funds and insurance investments.

Word Processing for College

Course Number: 3830
Grades: 9, 10, 11, 12
Credit: .5
Note: Students may earn articulated college credit for this course.

In today's work and education environments, it is imperative for students to be proficient at using a computer for communication. This online, interactive course is designed for students who would like to improve their keyboarding skills, increase productivity and further develop word processing and computer skills. Students will use Microsoft Word 2019 to create a variety of formatted documents including tables, outlines, reports, memos, promotional flyers, brochures and newsletters containing graphics.

Business Applications (Microsoft Office)

Course Number: 3815
Grades: 9, 10, 11, 12
Credit: .5
Note: Students may earn articulated college credit for this course.

Be fully prepared for college and the workforce by gaining experience with the software and technical skills valued by college professors and employers. Students have the opportunity to become proficient in the Microsoft Office 2019 suite in this course. Software programs covered include Excel (spreadsheet), PowerPoint (advanced presentation graphics) and Access (database management). MS Word is covered in Word Processing for College. This is a foundational course for anyone pursuing post-secondary education or employment.

Photoshop for Publishing

Course Number: 3832
Grades: 9, 10, 11, 12
Credit: .5
Note: Students may earn articulated college credit for this course.

Put your creativity to work in this engaging and interactive course. Transform your digital images from average to amazing! Learn how to apply graphic design principles, typography, color and special effects to multiple projects. Plan to have fun using Adobe Photoshop Creative Cloud to modify, layer, enhance, alter, and animate digital and printed applications for business and personal use.

College credit associated with this class

Web Page Design

Course Number: 3835
Grades: 9, 10, 11, 12
Credit: .5
Note: Students may earn articulated college credit for this course.

Every good web designer has a fundamental skill set in basic coding. In this course, students will learn the essential concepts for designing and developing effective websites using HTML5 and CSS3, Dreamweaver Creative Cloud and other content management systems. Students will format text, create links, insert images, create tables, integrate multimedia elements, apply good design, and use color and text effectively to create a variety of dynamic websites.

Personal & Business Law

Course Number: 3829
Grades: 10, 11, 12
Credit: .5
Note: Students may earn articulated college credit for this course.

From case studies to courthouse tours, explore the controversial and dynamic realm of law. This course will investigate legal issues faced by businesses and individuals. Students explore topics such as criminal law, civil law, juvenile and adult justice systems, employment law and consumer protection. Students will investigate current issues and controversies, evaluate cases, discuss personal implications and hear from attorneys and other legal experts on various topics. A field trip to Ramsey County Courthouse brings the concepts to life.

Business Management

Course Number: 3816
Grades: 11, 12
Credit: .5
Note: Students may earn articulated college credit for this course.

This course is an exciting way for students to learn what it takes to be a great boss (and a satisfied employee). Students will explore various methods to help them be successful at their current and future places of employments through hands-on-projects, videos of managers in action, analysis of business ethics, discovery of management styles and techniques, working in teams, and identification of tools to motivate employees. When possible, students will complete a semester-long service-learning project.

Business Entrepreneurship

Course Number: 3814
Grades: 11, 12
Credit: .5
Note: Students may earn articulated college credit for this course.

Bring your creativity and a passion for starting your own business. Discover how to transform your ideas from concepts to real revenue. Students will learn the fundamentals required to plan and launch their own successful business. Through interactive, hands-on activities, students will develop the core skill needed to be successful as an entrepreneur. They will learn how to generate new business ideas, attract investors, market their business, and manage expenses. Inspirational stories of entrepreneurs who have turned their ideas into reality will inspire students as they develop a plan to build their own business.

College credit associated with this class

CAREER & TECHNICAL EDUCATION

Department Notes: In full year programs, time is divided between instruction in school and internship/Work-Based Learning (WBL) experience.

- One credit earned for year-long class.
- Two credits earned for year-long internships.
- A program is selected based on student skills, interests and career plans.
- Responsibilities of the student in all programs include:
  - » Job with the assistance of the teacher/coordinator.
  - » Provide own transportation to the community site.

Cooperative Internship Programs

Introduction to Career Skills

Course Numbers: 3825 & 3826
Grades: 10, 11, 12
Credit: 1.0 + up to 2.0 WBL
Note: Must be enrolled in Intro to Career Skills class and be employed 10+ hours per week in order to earn 2.0 WBL credit. Additional certification may be acquired by meeting Industry Standards in course work and through assessment testing: Career Ready Certification. ServSafe Food Handler Certificates as well as certification through HP Entrepreneurship.

This course is designed for students who are interested in a hands-on activities-based approach to learning. Students will learn employability skills including job applications, resume writing and interviews while gaining work experience by being employees at our Mustang Mocha Coffee Shop. Students will also research college and career opportunities as they begin thinking about life after high school. Students have the opportunity to earn industry certifications which will help them in finding employment. Participation in SkillsUSA provides leadership development activities on local, state and national levels. Students have the opportunity to also earn Work-Based Learning credit by being employed outside MVHS. This is a full year course.

Advanced Careers

Course Numbers: 3812 & 3813
Grades: 11, 12
Credit: 1.0 + up to 2.0 WBL
Note: Must be enrolled in Advanced Careers class and be employed 10+ hours per week in order to earn 2.0 WBL credit. Additional certification may be acquired by meeting Industry Standards in course work and through assessment testing: CareerSafe Certification (supported by OSHA) and Customer Service Skills Certification. This course offers OSHA 10 certification.

This course is designed to teach practical and leadership skills needed to be successful in the workplace and in their personal life. Students will learn job seeking and job keeping skills by expanding on their knowledge of resumes, interviewing and effective communication. This course will cover numerous topics to help students become independent learners. College research, financial aid, scholarships, and basic financial skills will be covered. Real-world topics will include payroll, taxes, insurance, and ethics. Students have the opportunity to earn industry certifications which will help them in finding employment. Participation in SkillsUSA provides leadership development activities on local, state and national levels. Students have the opportunity to also earn Work-Based Learning credit by being employed outside MVHS. This is a full year course.

College credit associated with this class

Careers Plus Seminar

Course Numbers: 3791 & 3792
Grade: 11, 12
Credit: .5 (see note)
Note: .5 credit for classroom seminar; 0.25 - 1.0 work-based learning credit for internship (dependant on hours worked)

Are you currently working a part-time job or WANTING a part-time job? Would you like to receive school credit by working at an approved worksite? During the Careers Plus Seminar, students will learn about essential workplace skills and job safety. Work-Based Learning connects classroom work-readiness instruction and provides students with opportunities to apply them on the job. A part-time job is encouraged, but not required (See Careers Plus On-the-Job Training below). Another major component of CareersPlus is career exploration. Students will explore a variety of post-secondary options offered through apprenticeship, technical colleges, two-year colleges, and four-year colleges. Through a series of career assessments, students will identify their skills and interests and create a realistic career plan for life after graduation.

Careers Plus On-the-Job Training (OJT)

Course Numbers: 3793 & 3794
Grades: 11, 12
Credit: .5 (see note above under Careers Plus Seminar)
Note: .Students enrolled in Careers Plus OJT must be enrolled in Careers Plus Seminar. Students must be enmployed or actively seeking a job and have their own transportation,

On-the-job Training allows students to earn elective credits for working during and/or outside of the school day. Students are required to have a job or be seeking employment. The work coordinator will help students with the application and interviewing process as needed. Students must remain employed throughout the semester to earn elective credit. All students are required to complete a Training Plan, Training Agreement, and document their work hours. Students also must turn in copies or pictures of their pay stubs, work a minimum of 10 hours a week and remain employed for the duration of the course. Students are responsible for providing their own transportation. The work coordinator will partner with the employer to evaluate the student's work performance.

SkillsUSA

Referral Programs

Senior Internship (Genesys Works)

Course Numbers: 3823 & 3824
Grade: 12
Credit: 1.0 + 2.0 WBL
Note: This program is through referral. An application and interview are required for this program.

Genesys Works is an internship opportunity that is available only to seniors. In order to participate students must successfully complete an 8 week summer training program focusing on professional and business technology skills. Students work 20 hours a week at a paid internship with a major corporation. Internship students get the opportunity to experience the corporate world, gaining confidence and work experience while still in high school. Students will also receive guidance in applying for college and securing financial aid.

GENESYS WORKS.
WHERE TOMORROW'S WORKFORCE BEGINS

Career Skills

Course Numbers: 3817 & 3818
Grades: 10, 11, 12
Credit: 1.0 + 2.0 WBL
Note: By referral only

This course provides students with the skills necessary for securing and maintaining employment. Students will gain employment skills and prepare a post-secondary plan upon completion of the course. Some of the course activities include completing vocational assessments, online job applications, and investigating career options. Guest speakers, employment topics, and post-secondary education options will be discussed on a continuing basis. Students will create a resume, learn interviewing techniques, and gain real-world job skills while working in the building and/or community.

Students who meet the guidelines for outside employment will be eligible to earn up to 1.0 elective credit. The combination of classroom instruction and worksite participation on a paid job site will enhance student learning. The Work Coordinator will work with the student to complete and file necessary forms and materials.

TECHNICAL EDUCATION

How to Make Almost Anything 1

Course Number: 4891
Grades: 9, 10, 11, 12
Credit: .5

This is a hands-on manufacturing class. Design, build and finish a project / product of choice that you take home and use. Students will learn how to design and build using a variety of tools, machines and materials commonly used to manufacture everyday products. Students will use the engineering design process and primarily digital fabrication tools to design and create a project of their choice. Design software, tool operation, safety, and project management are a major portion of this class. Students will also explore fields of engineering, manufacturing and technology while learning the basics associated with entry level positions within these fields. [This course is designated as a part of the Engineering, Manufacturing & Technology Career Pathway.]

How to Make Almost Anything 2

Course Number: 4892
Grades: 10, 11, 12
Credit: .5
Sequential Course: How to Make Almost Anything 1 (4891).
Note: Students enrolled in this course have an opportunity to earn articulated college credit.

This is a hands-on, student-driven course where students decide what to design and build over the course of the semester. Based on skill levels developed in How to Make Almost Anything I, students will work independently or with a project team to design and build a product of choice. Safety rules are reviewed and machine tool operation is assessed. Students will use problem-solving skills throughout the design, construction, and finishing processes using a variety of manufacturing resources such as CAD software, 3-D printer, vinyl sign maker, machinery/tools, CNC router, and laser engraver. Students will learn how to conduct a cost-analysis of their project. Students who successfully complete this course will be well-prepared for the workplace environment as well as advanced training in the fields of engineering, manufacturing, and construction.

Introduction to Engineering Design 1

Course Number: 4862
Grades: 9, 10, 11, 12
Credit: .5
Note: Grade 11 and 12 students enrolled in this course have an opportunity to earn articulated college credit.

What do engineers do? Now is the time to find out. This course introduces you to the profession of engineering. Learn how to use Autodesk Inventor CAD (Computer Aided Design) software to design and make 3-D models of a new product or improve an existing one. Working individually and in collaborative teams, students will use the engineering design process, applying math, science, and engineering principles to identify, develop, and document design solutions to a variety of real problems. Engineers make a world of difference! Are you ready to design the future?

Introduction to Engineering Design 2

Course Number: 4863
Grades: 9, 10, 11, 12
Credit: .5
Sequential Course: Introduction to Engineering Design 1 (4862)
Note: Grade 11 and 12 students may earn articulated college credit for this course.

Based on skill levels developed in Introduction to Engineering Design I, students will work individually and on a team to analyze potential solutions and communicate design ideas in response to various design challenges. Students will learn how to use reverse engineering to assess the strengths and weaknesses of a product and the manufacturing process by which it was produced. Students will use Autodesk Inventor software to create advanced 3D computer models and compute physical properties that can be used in problem solving and the creation of design solutions. Students will use their new analytical skills to develop and document the solution to a design challenge.

College credit associated with this class

Introduction to Building Trades (IHS)

Course Number: 4866
Grades: 9, 10, 11, 12
Credit: .5
Note: This course is offered at Irondale High School.

This course is designed to provide students with a background in construction. The units covered will center around: safety; drawing ,planning, and estimating; building permits; carpentry & framing; roofing; electrical; plumbing; masonry; and occupation al opportunities. Some of the activities might include: building storage sheds, model houses and wall sections. Students will learn to build stairs, and roof trusses; install, finish, and repair sheetrock; wire lights, oulets and switches; lay concrete blocks; and plumb in a bathroom sink.

Digital Electronics

Course Number: 4881
Grades: 9, 10, 11, 12
Credit: .5

Learn the logic and architecture used in programmable electronic devices. Students will gain a fundamental knowledge of digital electronics and apply this knowledge to a variety of practical projects to develop problem solving skills. Students will gain a broad understanding of electrical systems used to code and decode electronic devices as well as build basic circuits for practical devices used in everyday life. Students interested in careers related to digital manufacturing, engineering, solar technology, and robotics would benefit from taking this class.

Welding 101 (IHS)

Course Number: 4875
Grades: 9, 10, 11, 12
Credit: .5
Note: This course is offered at Irondale High School.

Experience the real world of welding through classroom hands-on simulations as well as actual welding projects. This course will give students an introduction to the basic welding processes and power sources used for each of the following: Arc Welding; Metal Inert Gas Welding; Oxyacetylene Welding and Cutting. Students will learn about shop and equipment safety rules in addition to the procedures to set-up, take-down, and troubleshoot these procedures as well as the welding equipment. Students will build skills in the area of welding by operating the tools used in metal fabrication with proficiency to design and build their own structures or make repairs. Industry certified trainers will be available as guest speakers to ensure students are receiving "certified" training in welding safety and procedures. Welders are currently in high demand in the fields of construction, plumbing/pipefitting, manufacturing, the arts, and solar technology installation.

Auto Technology 1 (IHS)

Course Number: 4885
Grades: 10, 11, 12
Credit: .5
Note: This course is offered at Irondale High School.
Grade 11 and 12 students who successfully complete this course will have the opportunity to earn articulated college credit.

Learn "car talk" terminology, safety practices, and maintenance procedures. Get hands-on experience being an auto service technician. No experience or car needed. Learn the basics for the following areas: oil change/lubrication, tires/wheels, brakes, steering/transmission, electrical systems, suspension systems, and engine repair. Use manuals and hands-on problem solving techniques to troubleshoot basic automotive problems. Diagnose repair problems and use shop equipment to service the vehicle. Learn basic shop operations and safety when using hand tools or machines.

Auto Technology 2 (IHS)

Course Number: 4886
Grades: 10, 11, 12
Credit: .5
Sequential Course: Auto Technology 1 (4885)
Note: This course is offered at Irondale High School.
Grade 11 and 12 students who successfully complete this course will have the opportunity to earn articulated college credit.

Based on skill levels developed in Auto Technology I, this course is for students who want to acquire advanced technical skills required for entry-level positions in the area of auto service and repair. Students will work independently to apply previous knowledge and problem-solving skills in order to solve task specific challenges such as engine misfires, electrical shorts, and sound identification. Students will learn to rebuild an engine and meet the shop deadline to complete this task. Automotive workplace safety procedures will be enforced and students will be required to perform selected NATEF (National Automotive Technician's Education Foundation) tasks proficiently based on industry standards related to this course.

Small Engines & Power Sports Mechanics (IHS)

Course Number: 4889
Grades: 9, 10, 11, 12
Credit: .5
Sequential Course: Auto Technology 1 (4885)
Note: This course is offered at Irondale High School.
Grade 11 and 12 students who successfully complete this course will have the opportunity to earn articulated college credit.

Start your engines! Learn all about electric motors and internal combustion engines. Learn how to repair and construct numerous gas engine designs. Examine the growing world of electric and fuel-powered devices used in power sports and the small equipment industry today. Develop the skills to measure the "power" of an engine and learn about the factors that impact various levels of engine power. Students will be encouraged to experiment with existing projects and/or design projects that meet the guidelines and standards for small engines and power sports equipment.

ToyBuilders: Engineering for Fun

Course Number: 4896
Grades: 9, 10, 11, 12
Credit: .5
Sequential Course: Auto Technology 1 (4885)

Welcome to "Toy Builders: Engineering for Fun, " a high school pre-engineering course that combines the joy of play with the excitement of engineering! In this hands-on, creative, and dynamic class, students will embark on a journey to design, build, and customize their own toys using fundamental principles of mechanical engineering. From constructing intricate mechanisms to incorporating electronic components, students will learn how to bring their imaginative toy concepts to life. Get ready to unleash your inner inventor, explore the world of engineering, and have a ton of fun while doing it!

Trades & Manufacturing Career Exploration (IHS)

Course Number: 4822
Grades: 9, 10, 11, 12
Credit: .5
Note: .5 credit is for classroom seminar.

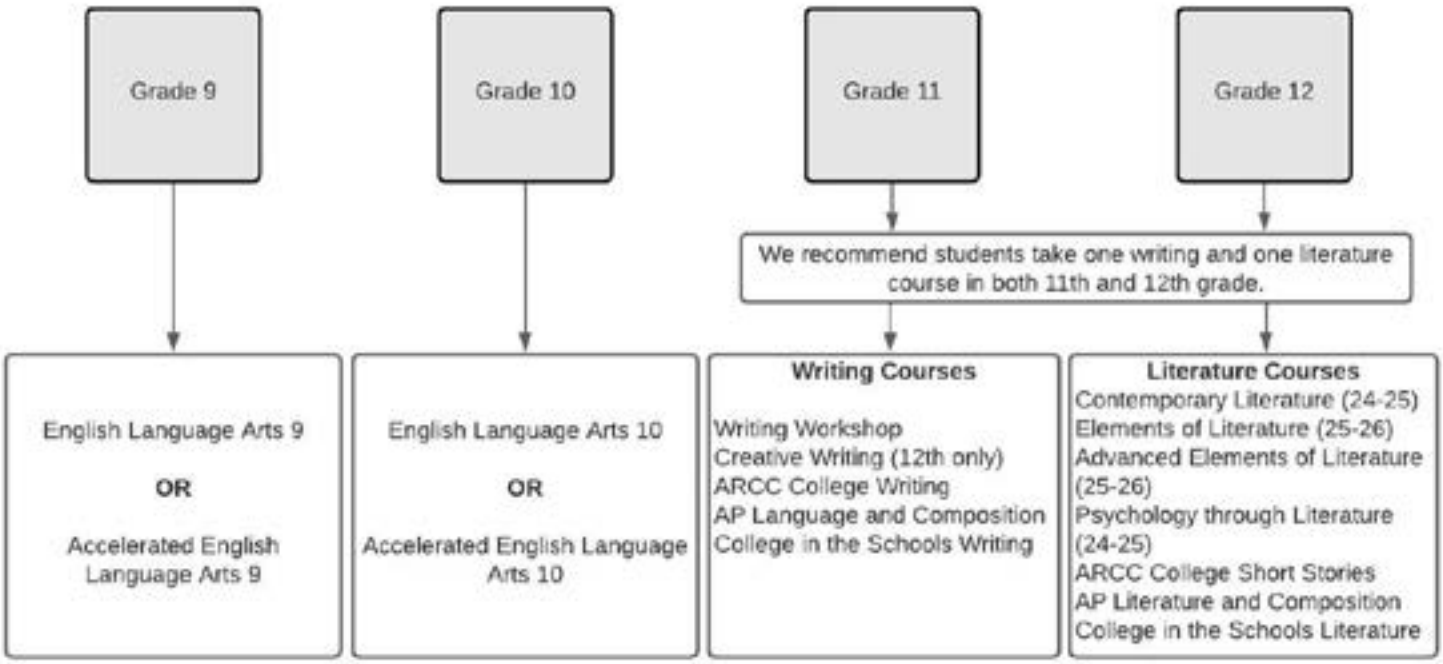
Do you want to learn more about hands-on careers? Trades and Manufacturing Exploration students will learn about a variety of high-demand, high-paying career paths. In addition, students will learn the essential work-readiness skills for success on the job. During this course, students will enjoy guest speakers, job site tours, and other career-related field trips. Students will complete an in-depth career research project. Local summer internship opportunities will be shared with interested students.Students should have a strong interest in the trades and/or manufacturing. Students who register for this class should be strongly considering a career in these pathways.
In addition, students will have the opportunity to earn the following certifications during class:

- OSHA 10 Certification: A 10-hour class is intended to provide workers with awareness of common job-related safety and health hazards
- Trades Ambassador Experience Master Certification

College credit associated with this class

Mounds View HIGH SCHOOL
Mounds View Public Schools

English Language Arts Pathways - High School



Elective English Language Art Courses

Expressions (grades 11-12)
Journalism II (grades 11)
Speech (grades 9-12)
ARCC Interpersonal Communication (grades, 11-2, not NCAA ELA approved)

Elective English Language Art Courses (no ELA credit)

Journalism I (grade 10)
Writing for Publications (grades 11-12)
Vista Editors - Yearbook (grade 12)
News Editors - School Newspaper (grades 11-12)

Mounds View PUBLIC SCHOOLS
Curriculum, Instruction and Assessment

Revised November 2023

ENGLISH LANGUAGE ARTS

English Language Arts 9 Overview:
All English Language Arts 9 courses will continue to develop foundational skills as defined in the Common Core Standards for reading, writing, listening, speaking, viewing, and media literacy with an emphasis on critical thinking. All classes in Grade 9 include literature, film, drama, research, and writing. The literature units focus on the understanding and use of literary terms as well as literary analysis. The film unit exposes students to film terminology and techniques important to the analysis of film. The drama unit focuses on drama terminology, analysis, and poetry. During the research unit, students further their understanding of the research process, citing sources, and using research in writing.

English Language Arts 10 Overview:
All English Language Arts 10 courses will continue to develop foundational skills as defined in the Common Core Standards for reading, writing, listening, speaking, viewing, and media literacy with an emphasis on critical thinking. All classes in Grade 10 include literature, drama, poetry, speaking, and writing. The literature units continue to focus on the understanding and use of literary terms as well as literary analysis. The drama unit continues to focus on drama terminology and analysis. The poetry unit continues to develop a student's ability to interpret poems and analyze the use of literary devices. The speech unit develops students' public speaking skills. Throughout the course, there will also be a focus on writing with a literary analysis emphasis as well as a speech writing unit. This emphasis on writing includes a focus on the writing process, writing mechanics, sentence structure, and idea development. All Grade 10 English Language Arts classes provide for the development of close reading skills to interpret literature as well as comprehend informational texts in preparation for the Minnesota Comprehensive Assessment (MCA-III) in Reading (March 2024).

English Language Arts

Accelerated English Language Arts 9
Course Numbers: 3306 & 3307
Grade: 9
Credit: 1.0
NCAA Note: This course is NCAA eligible.

This class is designed to engage students in complex reading and writing activities as they develop a deeper understanding of literary elements, academic writing, vocabulary, discussing, presenting, speaking, and listening skills. The course is designed for students to develop their skills in critical thinking, analysis, argumentation, research, and writing. Major skills include close critical reading and literary analysis, rhetorical analysis, and argumentative writing. Texts include short stories, poetry, and novels, and supplemental informative texts. Students will write multiple-page essays during both semesters. Students will be reading and writing regularly outside of class. This is a good class for students who enjoy being challenged in reading, writing, thinking and discussing.

English Language Arts 9
Course Numbers: 3342 & 3343
Grade: 9
Credit: 1.0
NCAA Note: This course is NCAA eligible.

This class is designed to engage students in grade-level reading and writing activities as students continue to build upon the strong foundational skills in fiction, non-fiction, and drama. Students will master their comprehension of literature and develop their analytical skills using a variety of texts. This course establishes a foundation for critical thinking, analysis, argumentation, research, and writing types that will be expected of students throughout their high school years. Texts include short stories, poetry, and novels.

Accelerated English Language Arts 10
Course Numbers: 3368 & 3369
Grade: 10
Credit: 1.0
Note: One of the novels offered in this course as an option, *Flight*, contains adult themes which include sexual situations, violence and profanity. We encourage you to preview this book. If you are concerned about the content of this novel alternative options are available.
NCAA Note: This course is NCAA eligible.

This college preparatory course will continue to develop foundations in all areas of English including reading, writing, speaking/listening, and critical thinking skills. It builds on previous skills including: literary and rhetorical analysis, argumentation, research, and various methods of writing development. Texts for this course include student selected texts and teacher directed novels, poems, plays, and informational text with intentional depth and complexity.

English Language Arts 10
Course Numbers: 3366 & 3367
Grade: 10
Credit: 1.0
NCAA Note: This course is NCAA eligible.

This class is designed to engage students in grade-level reading, writing, speaking/listening, and critical thinking skills. It builds on previous skills including: literary and rhetorical analysis, argumentation, research, and various methods of writing development. Texts for this course include student selected texts and teacher directed novels, poems, plays, and informational texts.

Composition Courses

CIS University Writing (English Composition)

Course Number: 8331
Grade: 12
Credit: 1.0
Note: Course offers opportunity to earn four semester credits in composition from the University of Minnesota. Assignments and grading in this course will be identical to the course offered at the University of Minnesota. Students who find success in this class typically carry a GPA of 3.5 or better through grade 11 and must be able to commit to an extensive out of school research project. Space is limited. Should it become necessary, spaces will be filled through a lottery of qualified students.
NCAA Note: This course is NCAA eligible.

Teaches effective communication with an audience by helping students discover their own writing process: conducting primary and secondary research, discovering ideas, drafting to explore those ideas, revising and editing those drafts. Participants will work with the instructor and one another to become more confident and competent writers of typical college-level writing assignments. They will have typical college-level lesson experiences and write a college or descriptive narrative, an ethnography, trend research paper, and an art review/analysis. University grading standards will be observed.

ARCC College Writing & Critical Reading

Course Number: 8301
Grades: 11, 12
Credit: 1.0
Note: This is an Anoka-Ramsey Community College course. Students will earn 4 credits for ENGL 1121 College Writing upon successful completion of the class. This course fulfills the Minnesota Transfer Curriculum Goal 1: Communication and Goal 2: Critical Thinking. Students must meet concurrent enrollment eligibility standards to take this class if they are taking it for college credit. Enrollment in this course may be limited.
NCAA Note: This course is NCAA eligible.

Provides extended practice in critical reading, writing, and thinking. Course content includes the writing process, essential composition skills, and critical reasoning in various rhetorical situations. The course requires effectively reasoned and supported essays including an argumentative research paper.

Creative Writing

Course Number: 3332
Grade: 12
Credit: .5
Note: Teachers recommend students who need further instruction in punctuation and grammar take College Writing, Writing Workshop, or another academic composition course before enrolling for Creative Writing. Additionally, teachers recommend students enroll in Creative Writing senior year only.
NCAA Note: This course is NCAA eligible.

Students in this course will engage in the writing process and explore a number of different composition types. These skills will be demonstrated through major writing projects including memoir, short story and screenplay. Students will write in narrative, expository, descriptive, persuasive and critical modes. Students will also engage in a writing process with attention to audience, voice, fluency, conventions, organization, focus, and quality of ideas, as well as developing skills in listening, speaking and communicating.

AP English Language & Composition Seminar (Year-Long)

Course Numbers: 3311 & 3312
Grades: 11, 12
Credit: 1.0
Note: This is a full year course not a semester course. See course number 3308 for the semester course.
NCAA Note: This course is NCAA eligible.

This year-long course is designed to help students become skilled readers of nonfiction prose written in a variety of disciplines and skilled writers who can write for a variety of purposes. The class is meant to give students a more fundamental preparation for the AP Language exam along with a more thorough background in research, critical thinking, rhetoric, and writing. The curriculum will draw mainly from college-level reading, non-fiction selections such as, *The Education of Kevin Powell: A Boy's Journey into Manhood, The Sixth Extinction: An Unnatural History, Safe Area Gorazde: The War in Eastern Bosnia 1992-1995*, and a variety of historic and contemporary essays and speeches. Fiction works may include *The Handmaid's Tale* and *The Road*. The course will focus on developing students' style and voice as they learn to read and write with advanced expertise, including how to approach timed essay writing. Students who successfully complete this course will be prepared to take the corresponding AP exam, which may earn them college credit.

AP English Language & Composition (Semester Long)

Course Number: 3308
Grades: 11, 12
Credit: .5
Note: This is a semester course not a full year course. See course numbers 3311 & 3312 for the full year course.
NCAA Note: This course is NCAA eligible.

This course is ideally suited to students who are interested in taking both AP Language and AP Literature in one school year. It is also meant for students who are already competent readers and writers who want to advance their skills to a post-secondary level. The curriculum will draw mainly from non-fiction sources such as S*afe Area: Gorazde* and a variety of essays and speeches and will also include the novel *The Handmaid's Tale*. It will also include research and analysis of sources. The course will focus on developing students' style and voice as they learn to read and write with advanced expertise. A heavy emphasis is placed on essay tests and active student involvement is expected. Students who successfully complete this course will be prepared to take the corresponding AP exam, which may earn them college credit.

Writing Workshop

Course Number: 4316
Grades: 11, 12
Credit: .5
NCAA Note: This course is NCAA eligible.

This course is designed to strengthen and expand writing skills with a focus on developing essay writing skills through the drafting and editing process. Coursework includes outlining papers, drafting paragraphs, editing, and critiquing the work of peers to produce a final draft of each major essay. Daily participation in the writing process is required. Students will complete two major essays and one speech designed to help them hone their writing and speaking skills before graduation and prepare for various types of post-secondary writing experiences. Students will learn the skills they need to write personal essays, process essays, and research essays.

Journalism 1

Course Number: 3383
Grades: 10, 11
Credit: .5
Note: 10th grade students may take this course for elective credit.
NCAA Note: This course is NCAA eligible.

In this writing course students serve as the staff writers for the school newspaper The Viewer. It also is the first in a series of steps to become a News Editor for the newspaper. Students in this class work closely with News Editors, facing similar project requirements and due dates for publishing the newspaper. They also build skills in the basic fundamentals of journalism: interviewing, news writing, applying journalistic integrity, and developing collaborative work skills. Students contribute four to five publishable articles to either the print or online versions of The Viewer as evidence of their learning.

Literature Courses

ARCC College Short Stories

Course Number: 8315
Grades: 11, 12
Credit: .75
Note: This is an Anoka-Ramsey Community College course. Students will earn 3 credits for ENGL 2204 Short Stories upon successful completion of the class. This course fulfills the Minnesota Transfer Curriculum Goal 6: The Humanities & Fine Arts and Goal 7: Human Diversity. Students must enroll for both college and high school credit. Students must meet concurrent enrollment eligibility standards to take this class if they are taking it for college credit. Enrollment in this course may be limited.
NCAA Note: This course is NCAA eligible.

Students will read selected short stories to explore the scope and variety of this form of literature. Story choices will include college-level content, themes, and complexity. Point of view, characterization, language, and other elements will be emphasized; students will analyze, interpret, and evaluate the stories using various literary critical theories. The course will also deal with issues of diversity and may be organized around a particular topic. Students will also learn to write insightful, effective college essays.

CIS Introduction to Literature

Course Number: 8321
Grade: 12
Credit: 1.0
Note: Course offers opportunity to earn 4 semester credits in literature from the University of Minnesota. Students who find success in this class typically have a strong work ethic in advanced and honors English. Space is limited.
NCAA Note: This course is NCAA eligible.

A variety of commonly encountered critical literary theories will be taught and utilized to analyze poems, stories and novels. The overall theme of this course focuses on how the diversity of literary voices speaks to the human condition in similar and divergent ways. Authors may include Achebe, Allison, Conrad, Hemingway, Hurston, Morrison, and others. College-level reading and writing skills are developed and applied in response to college-level texts. Participation and attendance in seminar discussions is required. University grading standards will be observed.

College credit associated with this class

Literature Courses

Elements of Literature
Course Number: 3300
Grades: 11, 12
Credit: .5
Note: This course will not be offered in the 2024-2025 school year.
NCAA Note: This course is NCAA eligible.

Students will examine classic and contemporary literature, focusing on the literary elements found in various genres such as mystery, dystopian and coming-of-age texts. Students learn through a variety of instructional formats, including study guides, small and large group discussion, projects, presentation, and writing assignments. Minimal to moderate amounts of reading outside of class should be expected.

Advanced Elements of Literature
Course Number: 3301
Grades: 11, 12
Credit: .5
Note: This course will not be offered in the 2024-2025 school year.
NCAA Note: This course is NCAA eligible.

This course focuses on studying the elements and structure of literature through the reading of short stories, novels, and drama written by a variety of authors. Course activities will include lecture, group work, and class discussion. Students will develop and apply critical thinking and analytical skills through discussion, presentations, as well as multiple-page written work. Students are required to read and write regularly outside of the class. This is a good class for students who enjoy being challenged in reading, writing, thinking, and discussing.

Contemporary Literature
Course Number: 3379
Grades: 11, 12
Credit: .5
NCAA Note: This course is NCAA eligible.

Students will examine literature from various cultural perspectives, with a selection of novels, memoirs, short stories, and poetry from both American and international voices. Students learn a variety of instructional formats including study guides, small and large group discussion, projects, presentations, and writing assignments. Minimal to moderate amounts of reading outside of class should be expected.

AP English Literature & Composition

Course Number: 3309
Grades: 11, 12
Credit: .5
NCAA Note: This course is NCAA eligible.

A study of our literary heritage involving the critical analysis of novels by Austen, Hemingway, Ellison, Silko and Hawthorne as well as a chronological examination of poetry from the 16th century onward will be addressed. A heavy emphasis is placed on essay tests, and active student involvement is expected. Students who successfully complete this course will be prepared to take the corresponding AP exam, which may earn them college credit.

Psychology Through Literature
Course Number: 4303
Grades: 11, 12
Credit: .5
NCAA Note: This course is NCAA eligible.

Students explore and consider theories of key psychological figures as they apply to literature. Primary consideration will focus on motivations, relationships, and surrounding culture. Students will interact with both fiction and nonfiction pieces of literature, as well as informational articles in light of psychological/sociological concepts. Analytical skills will be developed and applied through small group and whole class discussions along with multiple-page written assignments and self-reflection. Students will develop their inference skills and gain greater cultural understanding and self-awareness. Students are required to read and write regularly outside of class. This is a good class for students who enjoy being challenged in reading, writing, thinking, and discussing.

Related ELA Courses

Journalism 2
Course Number: 3384
Grades: 10, 11, 12
Credit: .5
Note: This course is the second in a series of steps to become a News Editor for the school newspaper, the Viewer. Enrollment limited to 25 students. Students who enroll in this course must have successfully completed Journalism 1. This course does not qualify as a NCAA core course, and therefore cannot be used for NCAA initial-eligibility certification. 10th grade students may take this course for elective credit.

In addition to further reporting and journalistic writing skills, Journalism 2 is designed to teach editing, design and desktop publishing skills to students who are interested in becoming editors of the school paper. It will only be offered 2nd semester. Students will be required to complete an in-depth investigative project to run in the Viewer.

Writing for Publications
Course Numbers: 4317 & 4318
Grades: 11, 12
Credit: 1.0
Sequential Course: Adviser approval/application
Note: Members of this class comprise part of the staff that produces the Vista (yearbook). Applications due February 1, 2024. Contact adviser for an application and registration approval form.

Students learn elements and principles of journalism, design and editing. These skills are applied in the process of yearbook production: page layout, copywriting, caption and headline writing, photo cropping, Photoshop, taking photos and using production software. Students will also write a variety of essays and learn real-world publishing skills.

Expressions
Course Number: 3361
Grades: 11, 12
Credit: .5
NCAA Note: This course is NCAA eligible.

Students will learn about the creative processes involved in analyzing films, writing and presenting speeches, and drama (working in groups and acting). Students will investigate and experience each mode of these creative expressions throughout the semester. Students will gain insights into the background of each creative expression with an emphasis on the concepts that connect these three areas. Through this course, students will gain an appreciation of the arts as well as skills to enhance their public speaking and expressing their viewpoints in a variety of ways.

ARCC College Interpersonal Communication
Course Number: 8311
Grades: 11, 12
Credit: .75
NCAA Note: This course is NOT NCAA eligible.
Note: This is an Anoka-Ramsey Community College course. Students will earn 3 credits for CMST 2220 Interpersonal Communication upon successful completion of the class. This course fulfills the Minnesota Transfer Curriculum Goal 1:Communication and Goal 7: Human Diversity. Students must enroll for both college and high school credit. Students must meet concurrent enrollment eligibility standards to take this class if they are taking it for college credit. Students may also take this course for Mounds View High School English credit.

This course is a study of interpersonal communication each of us participates in every day. It is designed to help students recognize and understand their communication habits, as well as those of others, in an effort to learn more effective communication skills for improving their interpersonal relationships. Primary areas of study include communication theory, language, perception, self-concept, self-disclosure, emotions, the impact of culture on communication, listening, communication climate, conflict, and nonverbal communication.

Speech
Course Number: 3362
Grades: 9, 10, 11, 12
Credit: .5
NCAA Note: This course is NCAA eligible.

This course is designed to improve public speaking skills for all levels of speakers through instruction and practice in communicating ideas competently using personal narrative, impromptu, informative, and persuasive techniques. Students will learn the basic principles of public speaking, concentrating on content, organization, audience motivation, language, delivery, peer feedback and self-reflection. Students are also given a foundation for development of communication skills in other contexts, including interview, conversation, and small group communication.

College credit associated with this class

Other

The following classes apply toward graduation but do NOT fulfill an English requirement. Instead, they serve as ELECTIVE credits.

News Editors

Course Numbers: 4901 & 4902
Grades: 11, 12
Credit: 1.0
Note: Students in this course serve as editors and senior reporters for student publication, the Viewer. See adviser for application. Candidates are interviewed and selected by the Viewer editors and adviser.

Responsibilities for editing the publications include the entire process of publishing the paper: assigning stories, working with cub reporters, copy editing stories, and using desktop publishing skills.

Vista Editors

Course Numbers: 3137 & 3138
Grade: 12
Credit: 1.0
Note: Successful completion of Writing for Publications and adviser's approval required. Contact adviser for an application. Students in this course serve as editors for the school's yearbook, the Vista. Candidates are interviewed and selected by the adviser.

Responsibilities include the entire process of creating and preparing the Vista for publication: determining the theme, designing yearbook page layouts, assigning stories, writing and editing copy and captions, working with staff writers and photographers, preparing pages for publishing, and managing photo submissions. Students use Photoshop and StudioWorks to design and publish the school's yearbook.

FAMILY & CONSUMER SCIENCE

Child Psychology & Development

Course Number: 3846
Grades: 10, 11, 12
Credit: .5
Note: Students may earn articulated college credit.

This course provides an overview of child development for students who are pursuing careers in early childhood and parent education, child psychology, social work, education or human services. Topics will include readiness for parenting, prenatal development, developmental and learning theories, childhood nutrition, play, and methods of parenting and guiding children and their behavior. Students will have the opportunity to participate in the RealCare® parenting simulation.

Intro to Culinary Arts

Course Number: 4851
Grades: 9, 10, 11, 12
Credit: .5

This is a course for students interested in a career in the food service and hospitality industry. It provides students with the opportunity to study nutrition, food preparation principles and food service skills in a classroom and food lab setting. Students will work in a team-oriented environment preparing a variety of foods following restaurant standards.

Culinary Arts 2

Course Number: 4852
Grades: 10, 11, 12
Credit: .5
Sequential Course: Intro to Culinary Arts (4851)

This is a course for students interested in a career in the food service and hospitality industry. It provides students with the opportunity to study and practice more in depth food preparation principles, cooking methods, menu planning and inventory control in a classroom and food lab setting. Students will work in a team-oriented environment preparing a variety of foods following restaurant standards. ServSafe Food Handler Certification will be offered in this class.

Foods of the World

Course Number: 3849
Grades: 9, 10, 11, 12
Credit: .5

This course will explore US regional and international foods. Students will be exposed to multicultural experiences through food as it celebrates everything that is different and distinctive in cultural traditions. This course is appropriate for students considering careers in the food service industry.

Housing & Interior Design

Course Number: 3852
Grades: 10, 11, 12
Credit: .5
Note: Students may earn articulated college credit.

Students will examine the relationship of housing to people's needs, to society, culture and technology. While being introduced to design, construction and remodeling, students will be able to evaluate housing options for themselves in their future. Students will learn how their choices in housing and resource management play a key role in protecting our environment. Elements and principles of design will be applied as students develop their own design projects. This is a recommended course for those who are exploring careers in the housing, architecture and interior design field.

College credit associated with this class

Irondale HIGH SCHOOL
Mounds View Public Schools

Mounds View HIGH SCHOOL
Mounds View Public Schools

Math Course Pathways - High School

The MN Graduation Requirement is for students to complete Intermediate Algebra, Geometry, and Advanced Algebra.
It is recommended that students take 4 years of math while in high school.

	Pathway Beginning with Intermediate Algebra	Pathway Beginning with Geometry	Pathway Beginning with Advanced Algebra
9th Grade	Intermediate Algebra	Geometry	Advanced Algebra
10th Grade	Geometry	Advanced Algebra	Elective Math Course See Options Below
11th Grade	Advanced Algebra	Elective Math Course - See Options Below	Elective Math Course See Options Below
12th Grade	Elective Math Course- See Options Below	Elective Math Course - See Options Below	Elective Math Course See Options Below

Elective Math Courses

Completion of Geometry or higher:
AP Computer Science Principles

Completion of Advanced Algebra or higher:
Pre College Algebra (ID only)
ARCC College Algebra
AP Pre-Calculus
AP Statistics
AP Computer Science A
CIS Introduction to Statistics (1 Sem.)

Completion of Pre-Calculus
AP Calculus AB

Completion of AP Calculus AB
AP Calculus BC

Completion of AP Calculus BC
Hybrid Multivariable Calculus (1 Sem.)
Hybrid Linear Algebra (1 Sem.)

*ARCC denotes Anoka Ramsey Community College courses offered at each high school. Students in grades 10 and above, who meet ARCC criteria, will earn college credits upon successful completion.

Mounds View PUBLIC SCHOOLS
Curriculum, Instruction and Assessment

Revised November 2023

MATHEMATICS/STATISTICS

Department Notes:

- Course placement will be determined by course history.
- Students must complete a course sequence of mathematics that allows them to meet the Minnesota State Math Standards and Mounds View Public Schools Academic Standards for Intermediate Algebra, Geometry, and Advanced Algebra.
- Graphing calculators are recommended in all mathematics courses. We recommend the TI-83 or TI-84. These are the calculators teachers use for instruction.
- All UMTYMP students are required to take at least one semester of Statistics in order to fulfill graduation requirements.

Intermediate Algebra

Course Numbers: 3464 & 3465
Grade: 9
Credit: 1.0
NCAA Note: This course is NCAA eligible.

This course will focus on quadratics, exponents and exponential models, functions, and polynomials. It will also include the study of data exploration and a review of linear functions.

Geometry

Course Numbers: 3455 & 3456
Grades: 9, 10
Credit: 1.0
Sequential Course: Intermediate Algebra (3464 & 3465) or teacher recommendation.
NCAA Note: This course is NCAA eligible.

Geometry in two and three dimensions is studied through investigation, conjecture, and proof. Students will explore geometry through use of dynamic geometry software. Topics include inductive reasoning, deductive reasoning, construction, symmetry, transformations, congruence, similarity, Pythagorean Theorem, area, volume, and right triangle trigonometry.

Advanced Algebra

Course Numbers: 3405 & 3406
Grades: 9, 10, 11, 12
Credit: 1.0
Sequential Course: Geometry (3455 & 3456), concurrent enrollment in Geometry, or teacher recommendation.
NCAA Note: This course is NCAA eligible.

This course builds on students' Intermediate Algebra skills. Topics include sequences, recursive formulas, linear models, linear systems, families of functions, transformations, exponents, matrices, polynomials, triangle trigonometry, probability, and statistics.

ARCC College Algebra

Course Numbers: 8401 & 8402
Grades: 11, 12
Credit: 1.0
Sequential Course: Advanced Algebra (3405 & 3406) with a minimum grade of C or higher.
Note: This is an Anoka-Ramsey Community College course offered at Mounds View High School. Students will earn 3 college credits for MATH 1200 College Algebra I, upon successful completion. This course fulfills the Minnesota Transfer Curriculum Goal 4: Mathematical/Logical Reasoning. Students can enroll for both college and high school credit.
NCAA Note: This course is NCAA eligible.

This course is designed for college-bound students interested in earning college credit for a math course. Topics include: functions, systems of equations and inequalities, linear programming, sequences, series, probability, and mathematical modeling.

AP Precalculus

Course Numbers: 3449 & 3450
Grades: 9, 10, 11, 12
Credit: 1.0
Sequential Course: Advanced Algebra (3405 & 3406)
NCAA Note: This course is NCAA eligible.

AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, social science and data science. Furthermore, as AP Precalculus may be the last mathematics course of a student's secondary education, the course is structured to provide a coherent capstone experience and is not exclusively focused on preparation for future courses.

College credit associated with this class

CIS Basic & Applied Statistics

Course Number: 8421
Grades: 11, 12
Credit: .75
Sequential Course: Completion of Advanced Algebra (3405/3406)
Note: This is a one-semester course.
NCAA Note: This course is NCAA eligible.

This course is designed to engage students using a modeling and simulation approach to inference. Statistics is more than just an application of mathematics or a methodology used in some other discipline. Statistics is a principled way of thinking about the world. In particular, it is a principled approach to data collection, prediction, and scientific inference. Upon completion of this course, students will have an understanding of the foundational concepts of data, variation and inference, as well as an appreciation for the fundamental role that statistics play in a host of disciplines, such as business, economics, law and medicine. Upon successful completion of this course, students earn 3 credits at the University of Minnesota which fulfills the undergraduate Mathematical Thinking requirement.

AP Statistics

Course Numbers: 3426 & 3427
Grades: 11, 12
Credit: 1.0
Sequential Course: Advanced Algebra (3405 & 3406).
NCAA Note: This course is NCAA eligible.

Topics include: measures of center and variability, distribution functions, correlation and causation, uncertainty and randomness, sampling procedures, experimental design, probability, inference, confidence intervals, and tests for significance. Students who successfully complete this course will be prepared to take the corresponding AP exam, which may earn them college credit.

Computer Science Principles

Course Numbers: 3485 & 3486
Grades: 9, 10, 11, 12
Credit: 1.0
Sequential Course: Students should have taken Geometry or an equivalent before enrolling in the course. Other interested students may join with instructor approval.
Note: Minnesota law requires students to take the equivalent of math through Advanced Algebra. This course allows students to earn an additional math credit beyond Advanced Algebra, or its equivalent. The course content for Computer Science Principles is the same as AP Computer Science Principles.
NCAA Note: This course is NCAA eligible.

Are you interested in learning the basics of computer science? Do you like learning through projects? In addition to a focus on learning how to program, this year-long, college-level course is also designed to provide students with exposure to all of computer science. Students will learn how the internet works, impacts of big data, as well as how to program. This is a perfect course for a student new to computer science or interested in doing creative projects in class. Computer Science Principles roughly corresponds to a CS-0, or a Computer Science for Non-Majors course at the university level.

AP Computer Science Principles

Course Numbers: 3418 & 3419
Grades: 9, 10, 11, 12
Credit: 1.0
Sequential Course: Students should have taken Geometry or an equivalent before enrolling in the course. Other interested students may join with instructor approval.
Note: Minnesota law requires students to take the equivalent of math through Advanced Algebra. This course allows students to earn an additional math credit beyond Advanced Algebra, or its equivalent. The course content for Computer Science Principles is the same as AP Computer Science Principles
NCAA Note: This course is NCAA eligible.

Are you interested in learning the basics of computer science? Do you like learning through projects? In addition to a focus on learning how to program, this year-long, college-level course is also designed to provide students with exposure to all of computer science. Students will learn how the internet works, impacts of big data, as well as how to program. This is a perfect course for a student new to computer science or interested in doing creative projects in class. AP Computer Science Principles roughly corresponds to a CS-0, or a Computer Science for Non-Majors course at the university level.

MATHEMATICS/STATISTICS

AP Computer Science A

Course Numbers: 3420 & 3421
Grades: 9, 10, 11, 12
Credit: 1.0
Sequential Course: Students should have taken Advanced Algebra or an equivalent before enrolling in the course. Other interested students may join with instructor approval.
NCAA Note: This course is NCAA eligible.

This course introduces student to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions. Students will go in depth in the object-oriented language of Java in class. Tests will be all multiple choice or free-response with hand-written coding responses. While previous computer science experience is not required for the course, it is highly recommended. AP Computer Science A roughly corresponds to a CS-101, or a first computer science course in the major at the university level.

AP Calculus AB

Course Numbers: 3422 & 3423
Grades: 11, 12
Credit: 1.0
Sequential Course: Precalculus (3474 & 3475 or 8411 & 8412)
NCAA Note: This course is NCAA eligible.

Topics include functions and graphing, limits, continuity, differentiation, integration, the Fundamental Theorem of Calculus, differential equations, and applications. Students who successfully complete this course will be prepared to take the Calculus AB Advanced Placement exam, which may earn them college credit.

AP Calculus BC

Course Numbers: 3424 & 3425
Grades: 11, 12
Credit: 1.0
Sequential Course: AP Calculus AB (3422 & 3423)
NCAA Note: This course is NCAA eligible.

This course is a continuation of AP Calculus 1. Topics include techniques of integrations, calculus in parametric and polar equations, differential equations, sequences and series, vectors, vector functions, multivariable calculus, and applications. Students who successfully complete this course will be prepared to take the Calculus BC Advanced Placement exam, which may earn them college credit.

Hybrid Multivariable Calculus

Course Number: 3466H
Grades: 11, 12
Credit: .5
Sequential Course: AP Calculus BC (3424 & 3425)
Note: This is a one-semester course, usually taken with Hybrid Linear Algebra (3467H) as the other semester. This course will be offered as a hybrid, combining traditional in-class instruction with online assignments throughout the week. In-class days will meet either before the regular school day or during period 1, averaging 2-3 in-class days per week at Mounds View High School. A parent information meeting will be required upon registration.
NCAA Note: This course is NCAA eligible.

This course is designed for students to continue their mathematics education beyond Calculus 2, focusing on calculus of multiple variables and vector calculus. The topics in this course include partial derivatives, multiple integrals, vector fields, vector functions, line integrals, surface integrals, and applications in three-dimensions.

Hybrid Linear Algebra

Course Number: 3467H
Grades: 11, 12
Credit: .5
Sequential Course: AP Calculus AB (3422 & 3423)
Note: This is a one-semester course, usually taken with Hybrid Multivariable Calculus (3466H) as the other semester. This course will be offered as a hybrid, combining traditional in-class instruction with online assignments throughout the week. In-class days will meet either before the regular school day or during period 1, averaging 2-3 in-class days per week at Mounds View High School. A parent information meeting will be required upon registration.
NCAA Note: This course is NCAA eligible.

This course is designed as a university-level Linear Algebra course for students wanting to study advanced mathematics. Although Calculus 1 is a prerequisite for this course, calculus content is only used as examples for applying some linear algebra concepts. The topics in this course include systems of equations, matrices, vectors, subspaces, vector spaces, eigenvalues and eigenvectors, and applications of linear algebra.

College credit associated with this class

BAND

Recommended: Previous instruction on a band instrument in a school band program.
Note: Enrollment in band is a yearlong commitment. Attendance at all rehearsals and performances is part of the requirement for the course.
Mounds View bands are available on a multi-grade basis to students interested in large group musical activities and individual development of musical skills. Groups will perform a wide range of literature and have performance experiences including formal concerts, festivals, contests and athletic events. Each student will follow a course curriculum designed to meet music content standards in areas such as posture, playing technique, music theory, music history and performance analysis.

Varsity Band
Course Numbers: 3149 & 3150
Grade: 9
Credit: 1.0
Note: Audition for chair placement.

Concert Band
Course Numbers: 3141 & 3142
Grade: 10
Credit: 1.0
Note: Audition for chair placement.

Symphonic Winds
Course Numbers: 3139 & 3140
Grades: 11 & 12
Credit: 1.0
Note: Audition for chair placement.

ORCHESTRA

Recommended: Previous instruction on an orchestral instrument.
Note: Enrollment in orchestra is a yearlong commitment. Attendance at all rehearsals and performances is part of the requirement for the course.

Mounds View orchestras are available to students interested in large group musical activities, ensembles, lessons and solo experiences on their instrument. Groups will perform a wide range of literature and have performance experiences including formal concerts, recitals, festivals and contests. Each student follows the course curriculum as part of their orchestral training. Students in grades 10,11,12 audition for orchestra placement.

Varsity Orchestra
Course Numbers: 3185 & 3186
Grade: 9
Credit: 1.0
Note: Previous instruction on an orchestral instrument and director's approval.

Philharmonic Orchestra
Course Numbers: 3179 & 3180
Grade: 10
Credit: 1.0
Note: Audition not required.

Concert Orchestra
Course Numbers: 3175 & 3176
Grades: 11, 12
Credit: 1.0
Note: Audition not required.

Symphony Orchestra
Course Numbers: 3181 & 3182
Grades: 10, 11, 12
Credit: 1.0
Note: Entrance by audition for placement and director's recommendation.

Chamber Orchestra
Course Numbers: 3173 & 3174
Grades: 10, 11, 12
Credit: 1.0
Note: Entrance by audition for placement and director's recommendation.

This is an opportunity to study advanced chamber orchestra literature and is offered to 10th-12th grade Orchestra students. Members are selected by audition - this is the most advanced orchestra ensemble at MVHS. Chamber Orchestra offers students great variety and challenge in musical performance. The orchestra performs throughout the year and also performs with Symphony Orchestra.

MUSIC

CHOIR

Note: Enrollment in choir is a yearlong commitment. Contact the choir director if you think you are unable to commit for the entire year. Attendance at all rehearsals and performances is part of the requirement for the course.

Choir at Mounds View is offered at all grade levels to students interested in large musical groups, and individual development of the voice. All ensembles perform a wide range of repertoire, and have opportunities in performance, service, festivals, and contests. There are four major performances throughout the school year: Fall, Holiday, Mid-Winter, and Spring. Other performance opportunities include exchange concerts, Festivals, Contests, and Open Mic Night.

Bel Canto Choir

Course Numbers: 3162 & 3163
Grades: 10, 11, 12 females only - by audition only
Credit: 1.0
Note: ALL STUDENTS MUST AUDITION to find the ideal placement where the voice and student can improve the most. Director approval is MANDATORY before being placed in this class. Contact the choir director to schedule an appointment for an audition.

Bel Canto is an auditioned Soprano-Alto choir dedicated to continuing vocal development and musical knowledge while performing all genres of music at a high level. Students will learn and improve their abilities in vocal production, music reading, and musical theory aspects. Performances at all four major concerts, and other contests and festivals throughout the year.

Concert Choir

Course Numbers: 3152 & 3153
Grades: 10, 11, 12 by audition only
Credit: 1.0
Note: ALL STUDENTS MUST AUDITION to find the ideal placement where the voice and student can improve the most. Director approval is MANDATORY before being placed in this class. Contact the choir director to schedule an appointment for an audition.

Concert Choir is an advanced, auditioned mixed ensemble dedicated to performing music at the highest level. Students should have strong vocal ability, and musical skills. Choir members continue to improve their vocal ability and their music theory knowledge throughout the year. The choir performs at all four major concerts, other festivals and exchanges, and an annual tour.

Mustang Chorus

Course Numbers: 3158 & 3159
Grades: 9, 10, 11, 12 open to all singers
Credit: 1.0
Note: Choir is a performance art. Performances through the school and in the community are part of the requirement for the course.

Mustang Chorus gives everyone a chance to perform as part of a choir, as well as improve their vocal ability and musical knowledge. Emphasis will be on using their voice healthfully and developing proper singing habits throughout the year. Introduction to and exploration of other musical forms and cultures is also included throughout the year.

Hybrid ARCC College Music Appreciation

Course Number: 8131H
Grades: 11, 12
Credit: .75
Note: This is an Anoka-Ramsey Community College course taught at the high school. Students will earn 3 credits for MUSC 1100 upon successful completion. This course helps fulfill Minnesota Transfer Curriculum Goal 6C: Humanities and Fine Arts. Students must meet concurrent enrollment eligibility standards to take this class.
This course will be offered as a hybrid, combining traditional in-class instruction with online assignments throughout the week. In class days will be determined for each semester calendar, averaging 2-3 in-class days per week at Irondale or Mounds View High School. This course meets outside of the regular school day, either before school or after school (hours 0 or 7). Students must provide their own transportation. A parent information meeting will be required upon registration.

Survey of the history and diversity found within primarily western music and its relation to culture and society including a brief survey of the elements of music, incorporating the extensive use of audio recordings and attendance at a live performance.

College credit associated with this class

Department Notes:
.5 Fitness for Life (9-10 or 11-12) and .5 Health 1 are required for graduation. Electives may be taken more than once.

Fitness for Life 9-10

Intensity/Competitiveness: Medium
Course Number: 3521
Grades: 9, 10
Credit: .5
Note: Required for graduation. Student is expected to provide shorts, shirt, socks, shoes, warm-up or sweat-suit and padlock.

This course emphasizes individual physical fitness and wellness, sports skills, and character development. The physical fitness component includes attention to muscle strength, cardiovascular endurance, flexibility, body composition and fitness planning. The wellness component examines the role of nutrition, activity and rest, and lifestyle patterns in personal wellness. The prevention of lifestyle related disease is a key topic. Goal setting for personal wellness is also taught. This coeducational course also focuses on team building, responsible social behavior and respect for individual differences.

Fitness for Life 11-12

Intensity/Competitiveness: Medium
Course Number: 3522
Grades: 11, 12
Credit: .5
Note: Required for graduation. Restricted to juniors or seniors who have not yet met the physical education requirement.

Same course as Fitness for Life 9-10 (3521).

Competitive Sports/Fall

Intensity/Competitiveness: High
Course Number: 3527
Grades: 10, 11, 12
Credit: .5
Note: Students who wish to take this course multiple times need to see their dean.
This coeducational course is structured to accommodate varying levels of individual proficiency.

Experiences in indoor and outdoor team and individual sports, including: softball, touch football, racquet sports, bowling, volleyball, basketball and team handball. Emphasis is on increasing proficiency, developing advanced skills and teamwork/sportsmanship in an actively competitive setting.

Competitive Sports/Spring

Intensity/Competitiveness: High
Course Number: 3528
Grades: 10, 11, 12
Credit: .5
Note: Students who wish to take this course multiple times need to see their dean.
This coeducational course is structured to accommodate varying levels of individual proficiency.

See course number 3527 for description.

Strength Training & Conditioning/Fall

Intensity/Competitiveness: High
Course Number: 3533
Grades: 10, 11, 12
Credit: .5
Note: Students who wish to take this course multiple times need to see their dean.

This course provides an opportunity to weight train for both athletes and those not involved in athletics. Individual programs for each student will be determined by experience, sport, and size. Includes power, Olympic, and machine lifting and running.

Strength Training & Conditioning/Spring

Intensity/Competitiveness: High
Course Number: 3534
Grades: 10, 11, 12
Credit: .5
Note: Students who wish to take this course multiple times need to see their dean.

See course number 3533 for description.

Cardio, Core & Conditioning

Intensity/Competitiveness: High
Course Number: 3535
Grades: 10, 11, 12
Credit: .5
Sequential Course: Fitness for Life
Note: Students who wish to take this course multiple times need to see their dean.

This is an elective physical education class designed to help students meet their personal wellness goals. Fitness activities are the focus of the class and will include a variety of exercises: group conditioning classes, core workouts, strength training and other fun fitness activities that the class decides on. “Classroom Days” are incorporated to discuss other wellness topics including nutrition, stress management, and healthy body image. This class embraces the motto that exercise is not an option, so let’s find something fun to do!

PHYSICAL EDUCATION & HEALTH

Adapted PE

Course Numbers: 3941 & 3942
Grades: 9, 10, 11, 12
Credits: 1.0
Required: Assessment and qualification determined by Special Education staff.

Physical education instruction designed to meet the individual needs of students with disabilities. This program includes physical fitness, motor fitness, fundamental motor skills and patterns, skills and aquatics, dance, individual and group games and sports.

Health 1

Course Number: 3501
Grades: 10, 11, 12
Credit: .5
Note: Required for graduation

This course builds and reinforces individual awareness of many health-related issues. Topics of study include self-awareness, mental health, communication, prevention of alcohol, tobacco, and other drug abuse, CPR, sexuality, wellness, aging and loss, and the effects of lifestyle choices on lifestyle diseases.

ARCC College Personal & Community Health

Course Number: 8501OL
Grades: 11, 12
Credit: .75
Sequential Course: Students must get approval from their Dean in order to take this course.
Note: This course is offered online. This ARCC health course meets the Mounds View School District's Health Graduation Requirement & Anoka Ramsey's Wellness Requirement for the Early College Associate of Arts Degree. This course is designed for students who are on track to complete the Anoka-Ramsey Associate of Arts Degree.

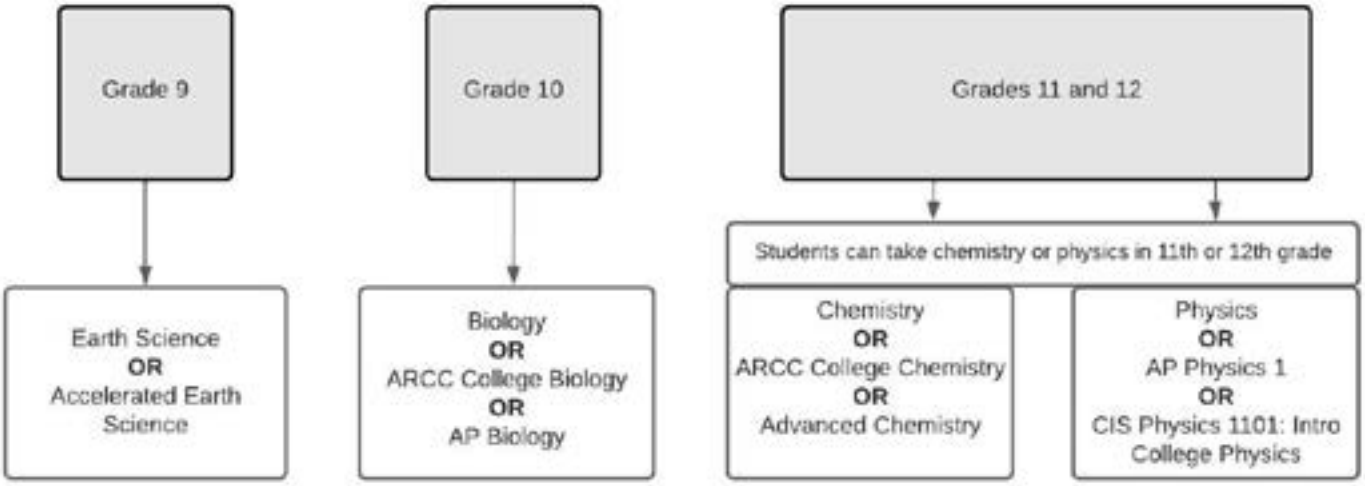
This course is designed to look at health from a personal and community perspective. The course will include an overview of concepts and concerns involving the many dimensions of health and give students knowledge and skills necessary to make informed health decisions.

Also available online College credit associated with this class

Mounds View HIGH SCHOOL
Mounds View Public Schools

Science Pathways - High School

Minnesota State Science Requirements:
- 3.0 credits are required to graduate
- One credit must be an earth and space credit
- One credit must be a biology credit
- One credit must be a chemistry OR physics credit



Elective Science Courses

AP Chemistry
ARCC College Environmental Science
Anatomy and Physiology
AP Physics C - Mechanics
AP Physics C - Electricity and Magentism
Astronomy

Mounds View PUBLIC SCHOOLS
Curriculum, Instruction and Assessment

Revised November 2023

SCIENCE

Earth Science

Course Numbers: 3625 & 3626
Grade: 9
Credit: 1.0
NCAA Note: This course is NCAA eligible.

Students will explore the wonders of the Earth through hands-on experiments and interactive activities in this year-long Earth Science course. Students will investigate phenomena within and between the fields of geology, hydrology, meteorology, and astronomy. The exploration of Earth's diverse ecosystems and the impact of human activities on the environment will enhance students' awareness of their role as stewards of the planet. By the end of the course, students will have acquired a solid foundation in Earth Science.

Accelerated Earth Science

Course Numbers: 3627 & 3628
Grade: 9
Credit: 1.0
Note: Provides strong foundation for success in AP Biology. See description for Physical Science (course 3651 and 3652).
NCAA Note: This course is NCAA eligible.

This class will cover the same topics as the Earth Science course. It is designed as an accelerated course where students will develop a deeper understanding of the 9th grade Earth Science concepts. They will also be introduced to additional scientific concepts and practices.

Biology

Course Numbers: 3617 & 3618
Grades: 10, 11, 12
Credit: 1.0
NCAA Note: This course is NCAA eligible.

This course focuses on the major themes of biology: experiments in biology, what living things are composed of and how they function, how living things interact with each other and their environment, and how life has changed over time.

ARCC College Biology

Course Numbers: 8601 & 8602
Grades: 10, 11, 12
Credit: 1.0
Sequential Course for MVHS: Earth Science (3625 & 3626) or Accelerated Earth Science (3627 & 3628).
Anoka Ramsey Prerequisite: Students must be a junior in the top 1/3 of their class, senior in the top 1/2 of their class, a member of the early college cohort, or have recommendation from dean, administrator or science teacher.
Note: This is an Anoka-Ramsey Community College course offered at Mounds View High School. Upon successful completion, students will earn 4 college credits for BIOL 1100, Unifying Concepts in Biology. Students must enroll for both college and high school credit. (This course fulfills the Minnesota Transfer Curriculum Goal 3: Biological Sciences.) MVHS 10th grade students can be enrolled at Anoka-Ramsey to receive college credit. Academic grades and standardized test scores from MAP and MCA tests may be used to determine college readiness. Students may be required to take the Accuplacer test in the spring prior to the course beginning. Concurrent enrollment in 10th Grade College Seminar along with College Biology Support may also be required by Anoka Ramsey to receive college credit.
NCAA Note: This course is NCAA eligible.

Introductory course designed to teach the process of science as it applies to biology today. Topics include molecular structure of living things, cell processes, energy utilization, genetic information and inheritance, mechanisms of evolution, biological diversity, and ecology.

AP Biology

Course Numbers: 3604 & 3605
Grades: 10, 11, 12
Credit: 1.0
Note: Students that successfully complete this course will be prepared to take the corresponding Advanced Placement exam, which may earn them college credit.
NCAA Note: This course is NCAA eligible.

This is a full year, advanced biology class which covers a broad range of biology topics and provides students with a challenging, college-level experience. The expected outcome is a comprehensive understanding of biology's "Big Ideas": evolution, energy, information, and interactions.

College credit associated with this class

Anatomy & Physiology

Course Number: 3603
Grades: 11, 12
Credit: .5
NCAA Note: This course is NCAA eligible.

An advanced course intended for students who are interested in furthering their study and understanding of the human body by applying biology, chemistry, and physics concepts. The course takes a systemic approach and offers students a comprehensive study of the structure and function of the human body in a classroom and laboratory setting. Upon completion, students will be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. Laboratory work includes dissection of preserved specimens, microscopic study, physiologic experiments, computer simulations, and multimedia presentations.

Chemistry

Course Numbers: 3632 & 3633
Grades: 11, 12
Credit: 1.0
NCAA Note: This course is NCAA eligible.

Chemistry involves the study of atomic theory relationships between the structure and properties of matter including types of bonding, patterns in the periodic table and solutions chemistry, chemical reactions, interactions of energy and matter, historical significance of major scientific advances in chemistry. Students will need to demonstrate proficiency in scientific writing, calculating ratios and percentages, lab skills and lab safety.

ARCC College Chemistry

Course Numbers: 8621 & 8622
Grades: 11, 12
Credit: 1.0
Anoka Ramsey Prerequisite: Students must be a junior in the top 1/3 of their class, senior in the top 1/2 of their class, a member of early college cohort, or have recommendation from dean, administrator or science teacher.
Note: Serves as prerequisite for AP Chemistry. This is an Anoka Ramsey Community College course offered at Mounds View High School. Students will earn 4 college credits for CHEM 1020 Interpretive Chemistry upon successful completion. This course meets a requirement for the Minnesota Transfer Curriculum Goal 3: Physical Sciences. Students must enroll for both college and high school credit.
NCAA Note: This course is NCAA eligible.

Introductory course in chemistry emphasizing elementary principles and applications intended for non-science and allied health majors and preparation for the Principles of Chemistry sequence. Topics include matter, measurement, atomic theory, bonding theory, nomenclature, organic chemistry, stoichiometry and the mole concept, reactions, liquids and solids, solutions, and acid-base chemistry.

Advanced Chemistry

Course Numbers: 3638 & 3639
Grades: 11, 12
Credit: 1.0
Note: More extensive than ARCC Chemistry course; requires extra laboratory experiments. Serves as prerequisite for AP Chemistry.
NCAA Note: This course is NCAA eligible.

Introductory chemistry course that is more rigorous and extensive than the ARCC Chemistry course (3612 & 3613). Additional topics include: chemical equilibrium, acid-base chemistry, and oxidation-reduction, with an emphasis on laboratory chemistry, data handling and analysis.

AP Chemistry

Course Numbers: 3606 & 3607
Grades: 11, 12
Credit: 1.0
Sequential Course: One year of Advanced Chemistry, College Chemistry-ARCC, or equivalent course.
NCAA Note: This course is NCAA eligible.

This is a full year advanced chemistry class which builds on previous chemistry experience. Through a lab-intensive experience, students will explore sophisticated chemistry topics. The expected outcome is a comprehensive understanding of chemical relationships. Students that successfully complete this course will be prepared to take the corresponding Advanced Placement exam, which may earn them college credit.

ARCC College Environmental Science

Course Number: 8661
Grades: 11, 12
Credit: 1.0
Anoka-Ramsey Prerequisite: Students must be a junior in the top 1/3 of their class, senior in the top 1/2 of their class, a member of early college cohort, or have recommendation from dean, administrator or science teacher.
Note: This is an Anoka-Ramsey Community College course. Students will earn 3 college credits for BIOL 1103 Environmental Science and 1 credit for BIOL 1133 Environmental Science Lab, upon successful completion. This course fulfills the Minnesota Transfer Curriculum Goal 3 and 10: People and the Environment and Goal 3: Biological Sciences. Students must enroll for both college and high school credit.
NCAA Note: This course is NCAA eligible.

Lecture: Introduction to the basic characteristics and dynamics of the ecosystems. The effects of the increasing and changing human demands on our environment are explored. Includes an environmentally based lab-like experience. A 1-credit lab is included. Lab: Investigative, problem-solving lab extension of the topics covered in BIOL 1103 lecture. Investigations include field studies, experiments, and analyzing and reporting outcomes. This course can be used with BIOL 1103 lecture to satisfy a general education lab course requirement.

Physics

Course Numbers: 3654 & 3655
Grades: 11, 12
Credit: 1.0
NCAA Note: This course is NCAA eligible.

A concepts-based course that covers kinematics, Newton's laws of motion, momentum, power and energy, circular motion, waves, periodic motion, sound, electricity, magnetism, optics, and topics in modern physics. Emphasis on physical relationships and on laboratory work with experiments that are often open-ended in nature.

CIS Introductory College Physics

Course Numbers: 8643 & 8644
Grades: 11, 12
Credit: 1.0
University of Minnesota Prerequisite: Students enrolling in PHYS 1101 must be juniors or seniors in high school, have earned a B or better in a rigorous algebra 2/trig (or equivalent) course, AND have completed prerequisite courses in high school algebra, plane geometry, and trigonometry. Exceptional 10th graders must have University of Minnesota faculty coordinator permission to enroll.
Note: Course offers opportunity to earn 4 semester credits in Physics from the University of Minnesota.
NCAA Note: This course is NCAA eligible.

This course provides students with the opportunity to learn fundamental principles of physics in the context of everyday world. Use of kinematics/dynamics principles and quantitative/qualitative problem-solving techniques to understand natural phenomena. Lecture, recitation, lab. This is an appropriate course for students who are good at math and who are interested in studies in science or engineering. 1101 is a required course at the U of M for students with majors in fields such as architecture and kinesiology.

AP Physics 1

Course Numbers: 3608 & 3609
Grades: 11, 12
Credit: 1.0
Note: Students that successfully complete this course will be prepared to take the corresponding Advanced Placement exam, which may earn them college credit.
NCAA Note: This course is NCAA eligible.

This course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics; work, energy, and power; mechanical waves and sound. It will also introduce electric circuits, optics, and modern physics. This is an appropriate course for the committed science student who plans to continue in science or engineering. AP Physics 1 covers approximately 20% more topics than CIS Physics 1101.

AP Physics C: Mechanics

Course Number: 3640
Grades: 11, 12
Credit: .5 (Sem 1)
Sequential Course: One year of AP Physics, College Physics-ARCC, or equivalent course. One year of Calculus.
NCAA Note: This course is NCAA eligible.

The course is a calculus-based physics course that covers kinematics, dynamics, energy, momentum, rotation, gravitation and oscillation. This course is the first of a two-course sequence that is equivalent to the introductory physics sequence taken by science and engineering students at most colleges and universities. Students that successfully complete this course will be prepared to take the corresponding Advanced Placement exam, which may earn them college credit.

AP Physics C: Electricity & Magnetism

Course Number: 3641
Grades: 11, 12
Credit: .5 (Sem 2)
Sequential Course: One year of AP Physics, College Physics-ARCC, or equivalent course. One year of Calculus.
NCAA Note: This course is NCAA eligible.

This course builds on the Hybrid AP Physics C: Mechanics course with the addition of forces exerted on charged particles, electric and magnetic fields, electric circuits and their components, and the nature of electromagnetic radiation. This course is equivalent to the second semester of the introductory physics sequence typically offered at colleges and universities. This course applies both differential and integral calculus. Students that successfully complete this course will be prepared to take the corresponding Advanced Placement exam, which may earn them college credit.

Astronomy

Course Number: 3659
Grades: 10, 11, 12
Credit: .5
Sequential Course: Successful completion of geometry.
Note: Course credit will be applied as an ELECTIVE CREDIT (NOT a science or math credit!).

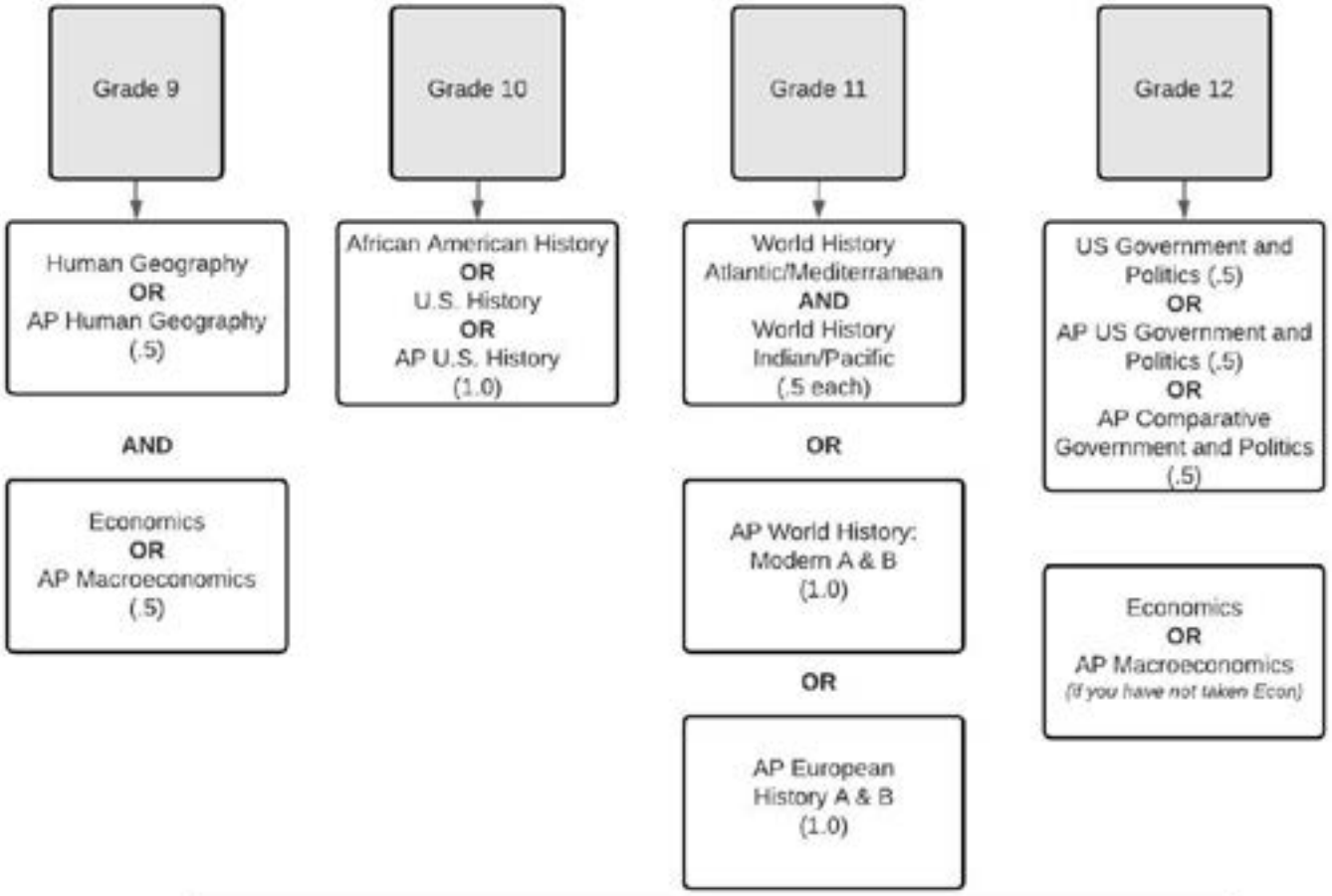
This course will be a rigorous introduction to the concepts and methods of astronomy, astrophysics, and cosmology. Emphasis will be placed on understanding how we know what we know about the universe, both on the small and large scales. Topics will include solar system dynamics, stellar evolution, and the composition, history, and evolution of the universe.

College credit associated with this class

Irondale HIGH SCHOOL
Mounds View Public Schools

Mounds View HIGH SCHOOL
Mounds View Public Schools

Social Studies Pathways - High School



Elective Social Studies Courses

Students may also take the following social studies credit electives during their junior or senior year
Please see credit amount in course descriptions

Sociology/Hybrid Sociology
AP Macreconomics
Hybrid AP Microeconomics (MV)
ARCC: History of Immigration and Ethnicity in the United States
Psychology
AP Psychology
Hybrid AP Psychology (MV)
Modern Philosophy (MV)
African American History
Holocaust and Genocide Studies

Mounds View PUBLIC SCHOOLS
Curriculum, Instruction and Assessment

Revised December 2021

SOCIAL STUDIES

Grade 9

Economics

Course Number: 3720
Grade: 9
Credit: .5
NCAA Note: This course is NCAA eligible.

Ninth grade Economics will cover a wide variety of topics including: personal economic choice and decision making, the link between supply and demand, our global economy, and personal finance. Students will leave the class having learned strategies to make smart economic decisions, how to be a smart consumer and will have a better understanding of how our economy works.

AP Macroeconomics

Course Number: 3706
Grades: 9*, 10, 11, 12
Credit: .5
***Recommended Background for Grade 9:** It is recommended that 9th grade students complete both Intermediate Algebra and Geometry before taking AP Macroeconomics in place of 9th grade Economics. This is an upper level elective. It is a fast-paced, college-level course and uses a college textbook, Economics for AP by Krugman. If you have questions, you may contact your dean about appropriate placement.
Note: Students will have the opportunity to take the AP exam for possible college credit in the spring.
NCAA Note: This course is NCAA eligible.

Students are introduced to the principles of economics and will learn how they apply to our present system. The course stresses national income and production, price determination, the problems of inflation and unemployment, interest rates, monetary and fiscal policy, international trade and globalism. Students will develop critical thinking skills through understanding application and analysis of fundamental economic concepts.

Human Geography

Course Number: 3727
Grade: 9
Credit: .5
NCAA Note: This course is NCAA eligible.

Ninth grade Human Geography covers a wide variety of topics, including: population, culture, environment and land use. Students will leave the class with an understanding of how societies and people interact with the physical and political world.

AP Human Geography

Course Number: 3705
Grade: 9
Credit: .5
Note: Students will have the opportunity to take the AP exam for possible college credit in the spring.
NCAA Note: This course is NCAA eligible.

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

College credit associated with this class

Grade 10

US History 10

Course Numbers: 3743 & 3744
Grade: 10
Credit: 1.0
NCAA Note: This course is NCAA eligible.

This course will provide students with an overview of the history of the United States, examining time periods from pre-European colonialism through current day events. Students will focus on complex interactions between multiple groups throughout North America. This includes a historical overview of political, scientific, and social developments. This course meets the Minnesota state standards in US History.

AP US History 10

Course Numbers: 3710 & 3711
Grade: 10
Credit: 1.0
Note: This course meets a graduation requirement. Students who successfully complete this course will be prepared to take the corresponding AP exam, which may earn them college credit.
NCAA Note: This course is NCAA eligible.

A survey of US History from the discovery and settlement of the New World through the present. Heavy emphasis will be placed upon the interpretation of primary sources and writing in the field of History. This course is equivalent to a full year introductory college course. Students will be using a college level textbook in this course.

African American History

Course Numbers: 3715 & 3716
Grade: 10 (11, 12 elective)
Credit: 1.0
Note: This course meets the US History graduation requirement.
NCAA Note: This course is NCAA eligible.

In this course students examine the history, politics, economics, society, and culture of African Americans in the United States beginning with the examination of Ancient African societies through current-day events to gain an understanding of the changing historical narrative in US History. Students will focus primarily on the history of African Americans. This course meets the Minnesota state standards in US History.

Grade 11

World History: Atlantic & Mediterranean World

Course Number: 3747
Grades: 11, 12
Credit: .5
NCAA Note: This course is NCAA eligible.

This course covers the history of and interaction between civilizations that touch the Atlantic Ocean and Mediterranean Sea from approximately 1000 B.C.E. to the present. It includes, but is not limited to, a study of: early American indigenous societies; western religions; Islamic civilization in the Middle East, North Africa and Spain, rise of nation-states; Renaissance; Reformation; Enlightenment; Age of Revolutions; and the Industrial Revolution.

World History: Pacific & Indian Ocean World

Course Number: 3748
Grades: 11, 12
Credit: .5
NCAA Note: This course is NCAA eligible.

This course covers the history of and interaction between civilizations that touch the Pacific and Indian Oceans from approximately 10,000 B.C.E. to the present. It includes, but is not limited to, a study of: the Neolithic Revolution and the development of agricultural based societies; eastern religions and philosophies; diffusion of Islam throughout the Pacific/Indian Ocean world; imperialism and neo-imperialism; independence movements; and the shifting balance of power in the 20th/21st centuries.

Also available online *College credit associated with this class*

SOCIAL STUDIES

Grade 11

AP World History

Course Numbers: 3712 & 3713
Grades: 11, 12
Credit: 1.0
Note: This course meets a graduation requirement. Students who successfully complete this course will be prepared to take the corresponding AP exam, which may earn them college credit.
NCAA Note: This course is NCAA eligible.

AP World History begins in the year 1200 and explores the important events and contributions that have shaped our world. We will be using a variety of materials to give us a well-rounded understanding of important historical concepts. This course will also focus on the historical thinking skills needed to do well on the AP World History exam. Students will walk away from this course with the knowledge of the historical developments in the five geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania and an appreciation of the connections that exist between these regions.

AP European History

Course Numbers: 3702 & 3703
Grades: 11, 12
Credit: 1.0
Note: This course meets a graduation requirement. Students who successfully complete this course will be prepared to take the corresponding AP exam, which may earn them college credit.
NCAA Note: This course is NCAA eligible.

Welcome to a 700-year journey through time to discover the fascinating, quirky, and bizarre stories of Europe. This course surveys the intellectual, cultural, political, and economic history of Europe from the Middle Ages through the fall of the Communist Bloc and up to more recent happenings. Students will analyze Europeans and their interactions with the world through a variety of activities, debates, simulations, discussions, and written analyses. This course utilizes a college level textbook and a mix of primary and secondary sources to help students to develop the skills of historical thinking and analysis.

Grade 12

US Government & Politics

Course Number: 3742
Grade: 12
Credit: .5
Note: This course meets a graduation requirement.
NCAA Note: This course is NCAA eligible.

This course is designed to provide the student with a basic understanding of the structure, functions and political processes of the U.S. Government while emphasizing citizenship. Additionally, the course provides a nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize American politics. Students will engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments.

AP US Government & Politics

Course Number: 3704
Grade: 12
Credit: .5
Note: This course meets a graduation requirement.
Students who successfully complete this course will be prepared to take the corresponding AP exam for potential college credit.
NCAA Note: This course is NCAA eligible.

AP US Government & Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students study US foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they complete a political science research or applied civics project.

AP Comparative Government & Politics

Course Number: 3757
Grade: 12
Credit: .5
Note: This course meets a graduation requirement.
Students who successfully complete this course will be prepared to take the corresponding AP exam for potential college credit.
NCAA Note: This course is NCAA eligible.

AP Comparative Government & Politics introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures, policies, and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how difeerent governments solve similar problems by comparing the effectiveness of approaches to many global issues.

Also available online College credit associated with this class

Electives

ARCC College History of Immigration & Ethnicity

Course Number: 8701
Grades: 11, 12
Credit: 1.0
Note: Upon successful completion of this class students will earn college credit through Anoka-Ramsey Community College.
NCAA Note: This course is NCAA eligible.

This course examines the experiences of immigrants and ethnic groups in the United States from the pre-colonial period to the present. The goal of the course is to gain empathy and understanding for the cultures and ethnicities in our country by exploring a variety of narratives, stories, and tales of all peoples in the US. Our journey in discovering what it means to be an American will include an investigation of the following topics: pre-colonial peoples, forced migration of Africans, unfree labor in the colonial period, the relocation of American Indians, and the experiences of immigrant groups which include but are not limited to Asians, Middle Easterns, Africans, Europeans, Latin Americans, with a special focus on Minnesota's largest ethnic and immigrant groups. We will discuss examples of discrimination against ethnic groups, and how government immigration policies have changed, often in response to anti-immigration social movements. This course also focuses on the concept of assimilation and the meaning of citizenship as our nation becomes increasingly diverse and multi-cultural.

AP Macroeconomics

Course Number: 3706
Grades: 9*, 10, 11, 12
Credit: .5
***Recommended Background for Grade 9:** It is recommended that 9th grade students complete both middle school Algebra and Geometry before taking AP Macroeconomics in place of 9th grade Economics. This is an upper level elective. It is a fast-paced, college-level course and uses a college textbook, Economics for AP by Krugman. If you have questions, you may contact your dean about appropriate placement.
Note: Students will have the opportunity to take the AP exam for possible college credit in the spring.
NCAA Note: This course is NCAA eligible.

Students are introduced to the principles of economics and will learn how they apply to our present system. The course stresses national income and production, price determination, the problems of inflation and unemployment, interest rates, monetary and fiscal policy, international trade and globalism. Students will develop critical thinking skills through understanding application and analysis of fundamental economic concepts.

Hybrid AP Microeconomics

Course Number: 3751H
Grades: 10, 11, 12
Credit: .5
Note: This course will be offered as a hybrid, combining traditional in-class instruction with online assignments throughout the week. This course will meet during the zero hour (outside of the school day) on Tuesdays and Thursdays. Tuesdays will be required seminar days, and Thursdays will be support days. A parent information meeting will be required upon registration.
Students who successfully complete this course will be prepared to take the corresponding AP exam, which may earn them college credit.
NCAA Note: This course is NCAA eligible.

Students are introduced to the principles of microeconomics. The course explores product markets and consumer behavior, with an emphasis on production cost analysis, marginal cost-marginal benefit analysis, basic market structures, game theory, factor market decisions, the effects of taxes, and short- vs. long-run decision making. Students will develop critical thinking skills and the ability to apply abstract concepts to real-world situations. Independent reading, quizzes, online discussions, article analyses and in-person tests are some of the required assignments to successfully complete this course.

Modern Philosophy

Course Number: 3728
Grades: 10, 11, 12
Credit: .5
NCAA Note: This course is NCAA eligible.

How do we know what is real and what is an illusion? What is moral or what makes a person moral? Are faith and reason compatible? What is beauty? What is art? Do humans have free will? These are a few questions explored in Modern Philosophy. The course is designed as a survey course that offers a wide range of philosophical thought. Students will develop better critical thinking skills and the ability to apply abstract philosophical thought to real-world situations.

Psychology

Course Number: 3729
Grades: 10, 11, 12
Credit: .5
NCAA Note: This course is NCAA eligible.

Have you ever wanted to understand what influences human behavior? Psychology explores topics that are interesting and relevant to the lives of young adults; attitude formation, influence of the brain, memory, sleep/dreams, human development, personality, and psychological disorders. Class demonstrations, group experiments, and discussions will give students an opportunity to see psychology in action!

Electives

AP Psychology

Course Number: 3707
Grades: 10, 11, 12
Credit: .5
Note: Students who successfully complete this course will be prepared to take the corresponding AP exam, which may earn them college credit.
NCAA Note: This course is NCAA eligible.

The course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology, including neuroscience, learning, cognition, motivation, development, personality, intelligence, psychological disorders, treatment of disorders, and social psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

Hybrid AP Psychology

Course Numbers: 3708H & 3709H
Grades: 10, 11, 12
Credit: 1.0
Note: This course will be offered as a hybrid, combining traditional in-class instruction with online instruction and assignments each week. This course meets 1st hour, on average two days per week at Mounds View High School. Every effort will be made to accommodate students who are also enrolled in another 1st hour hybrid course. A parent information meeting will be required upon registration. This course will move at a more moderate pace, allowing more time to explore topics, experiments and readings in psychology. Students who successfully complete this course will be prepared to take the corresponding AP exam, which may earn them college credit.
NCAA Note: This course is NCAA eligible.

The course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology, including neuroscience, learning, cognition, motivation, development, personality, intelligence, psychological disorders, treatment of disorders, and social psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

Sociology

Course Number: 3731
Grades: 10, 11, 12
Credit: .5
Note: The class is designed to be an introduction to sociology. Students are encouraged to take the Sociology CLEP (College Level Examination Program) exam at the conclusion of the course to possibly earn college credit.
NCAA Note: This course is NCAA eligible.

Why do you like what you like and hate what you hate? Why do people change how they act in different settings? What is wrong or right and who decides? Why does crime happen? Why is there so much inequality? What role does society play in our beliefs about race, class, gender, and sexuality? These are a few of the questions explored in sociology. Sociology is the study of society and how humans are shaped and shape society. Sociology is a student centered course with an emphasis on discovery and creation of knowledge. Student activities will focus on debate, discussion, and content analysis of media (film, television, etc.).

Holocaust & Genocide Studies

Course Number: 3726
Grades: 11, 12
Credit: .5
NCAA Note: This course is NCAA eligible.

Never again? Never to forget? These are promises the world made after the systematic killing of millions of people during Hitler's time in power. Yet there have been numerous atrocities since; Cambodia, Yugoslavia, Rwanda, and Myanmar, to name just a few. This course will take an in-depth look at twentieth and twenty-first century genocides to develop awareness and promote advocacy to help us all speak out against human rights violations. Genocide is a culminatin event following the development of hatred against others which most often begins with prejudices and discrimination. The course uses case studies to reveal this process and help answer the question of "why?" these events have and continue to occur.

College credit associated with this class

Note: *Courses are offered to students who qualify for special education services via specific criteria. Special Education case managers and deans assist qualified students in course registration. Referral must be made by Special Education case manager or dean in order to register for the following courses.*

US History Skills

Course Numbers: 3745 & 3746
Grade: 10
Credit: .5 per semester
Note: By referral only

This course is designed for qualified students who demonstrate needs in the area of US history. Students receive small group instruction, slower pace and modified curriculum. Time periods covered include pre-European discovery to the 21st Century.

World History Skills

Course Numbers: 3749 & 3750
Grades: 11, 12
Credit: 1.0
Note: By referral only

This course is designed for qualified students who demonstrate needs in the area of world history. Small group instruction, slower pace and modified curriculum. The emphasis will be world history up to the 20th century.

Government Skills

Course Number: 5713
Grade: 12
Credit: .5
Note: By referral only

This course is designed for qualified students who demonstrate needs in the area of US Government. Small group instruction, slower pace and modified curriculum that will focus on the philosophy and development of the United States government, the structure of government, rights and citizenship and the United States role in the world.

Economic Skills

Course Number: 3719
Grade: 9
Credit: .5
Note: By referral only

Students will increase their understanding of how the economy works and will be introduced to basic economic concepts. Course content and materials are modified to meet individual needs of students.

Human Geography Skills

Course Number: 5711
Grade: 9
Credit: .5
Note: By referral only

This course addresses the same core topics as the mainstream Human Geography course while using modified curriculum and materials. Information is presented in a less fast paced manner.

Algebra Skills

Course Number: 3414 & 3415
Grades: 9, 10, 11, 12
Credit: 1.0
Note: By referral only

This class will cover 4-5 units from the Intermediate Algebra curriculum at a pace that allows students multiple opportunities to reach proficiency. It covers solving equations, data analysis, functions, and linear functions.

Geometry Skills

Course Number: 3459 & 3460
Grades: 9, 10, 11, 12
Credit: 1.0
Note: By referral only

The emphasis in this math class will be on geometry based math while continuing to support basic functions and preparation for NWEA, MCA and ACT testing.

Reading Skills

Course Number: 4304 & 4305
Grades: 11, 12
Credit: 1.0
Note: By referral only

In this English Language Arts course, students will increase their reading comprehension skills using a variety of before, during, and after reading strategies. By the end of the course, students will be able to use strategies to independently: identify the central idea, summarize text, determine word meaning/choice, and make an inference in informational and literary texts.

Writing Skills

Course Numbers: 4320 & 4321
Grades: 9, 10, 11, 12
Credit: 1.0
Note: By referral only

This course is designed to strengthen and expand writing skills with a focus on developing essay writing skills through drafting and editing process. Coursework includes sentence structure, grammar, punctuation, spelling, vocabulary, research and the writing process will be stressed and developed. Students will demonstrate proficiency throughout the writing process with the use of skill-building activities and essays.

English 9 Skills

Course Numbers: 5321 & 5322
Grades: 9, 10, 11, 12
Credit: 1.0
Note: By referral only

This course is for qualified students. It continues to develop foundations in the language arts of reading, writing, critical thinking, and communicating. Much of the focus of the course is on literature as students will continue to develop their comprehension of literary terms and begin to develop the skill of analysis. We will continue to refine writing skills, punctuation, grammar, and usage.

Communication Skills

Course Numbers: 3901 & 3902
Grades: 9, 10, 11, 12
Credit: 1.0
Note: By referral only

This course is designed for qualified students to assist in the development of communication and social thinking skills. Emphasis is on developing positive social interactions and building successful relationships. The course includes the development of organizational, self-advocacy, and academic skills to become independent and self-directed learners. Curriculum will address Habits of Mind for Post-Secondary Success.

Academic Skills

Course Numbers: 3939 & 3940
Grades: 9, 10, 11, 12
Credit: 1.0
Note: By referral only

This course provides study skills for qualified students in a small group. Work is primarily in the areas of organization, Habits of Mind for post secondary success, and study skills. Additional help may be available to address reading, written language and math needs. The course includes specific curriculum to develop personal management skills. Once instruction is completed each day, students may have work time to address mainstream assignments.

Life Skills Transition

Course Numbers: 4043 & 4044
Grades: 9, 10, 11, 12
Credit: 1.0
This course provides for individual instruction to meet social, behavioral, and transitioning needs. This class will focus on the social and behavioral skills our students need to be successful at school and beyond. They will learn strategies needed to be more productive and successful in high school and as they transition into a job or college. Our goal is to provide examples on how to be ready for what lies ahead after high school. This begins now in their high school career. Students will complete career exploration and learn independent living skills

Financial Literacy Skills

Course Numbers: 5409 & 5410
Grades: 11, 12
Credit: 1.0
Note: By referral only

The course describes financial literacy in the digital age. We discuss banks, bank accounts, credit, debt, loans, stocks, and eventually savings and retirement planning.

Career Skills

Course Numbers: 3817 & 3818
Grades: 10, 11, 12
Credit: 1.0 + 2.0 WBL
Note: By referral only
This course provides students with the skills necessary for securing and maintaining employment. Students will gain employment skills and prepare a post-secondary plan upon completion of the course. Some of the course activities include completing vocational assessments, investigating career options. Guest speakers, employment topics, and post-secondary education options will be discussed on a continuing basis. Students will create a resume, learn interviewing techniques, and gain real-world job skills while working in the building and/or community.

Students who meet the guidelines for outside employment will be eligible to earn up to 1.0 elective credit. The combination of classroom instruction and worksite participation on a paid job site will enhance student learning. The Work Coordinator will work with the student to complete and file necessary forms and materials.

MV Practical Readiness Education Program (PREP)

Grades: 9, 10, 11, 12
Note: By referral only

This program serves students with mild, moderate or severe cognitive impairments. Emphasis is placed on practical life skills. The following courses are offered within the PREP program. The content PREP courses will address individual student needs in the areas of Transition Skills Development (Post Secondary Educational Awareness, Independent Living Skills, and Job/Employment Skills) at an appropriate cognitive level combined with instruction in state academic standards in core content areas.

PREP Consumer Math/Science

Course Numbers: 4068 & 4069
Grades: 9, 10, 11, 12
Credit: 1.0

PREP Developmental Adaptive Physical Education (DAPE)

Course Numbers: 3941 &3942
Grades: 9, 10, 11, 12
Credit: 1.0

PREP Language Arts/Social Studies

Course Numbers: 4067 & 4068
Grades: 9, 10, 11, 12
Credit: 1.0

PREP Transition Skills

Course Numbers: 4076 & 4077
Grades: 9, 10, 11, 12
Credit: 1.0

PREP Vocational Skills

Course Number: 3840
Grades: 9, 10, 11, 12
Credit: .5
Note: By referral only

This yearlong course helps students develop career and life skills that will help them obtain and keep employment in their adult lives. Students learn about skills of job seeking and keeping, interpersonal relationships required in employment, personal financial skills, and career exploration. In addition, students participate in a business simulation and prepare for participation in a work experience within a school or community employment setting.

PREP Vocational On the Job Training (OJT)

Course Number: 3838
Grades: 10, 11, 12
Credit: up to 1.0
Note: By referral only
In school jobs that meet for 1 hour per day earn .5 credit per semester. Out of school jobs that meet for more than one hour earn 1.0 credit per semester.

This course prepares the student to hold a job after high school through the practical development of skills for the workplace within a school or community employment setting.

WORLD LANGUAGES

Department Notes:
In order to properly place students in an appropriate class, students who register for a course may be moved to another level within a language to better suit the needs of the student. Assessment data is used in making such placement decisions.
Also, courses will be offered at Mounds View High School, at Irondale High School, or at both, depending on registration numbers. Students will be notified of the location after the registration process is complete. Transportation will be provided if the class is conducted at Irondale High School.

American Sign Language 1

Course Numbers: 3201 & 3202
Grades: 9, 10, 11, 12
Credit: 1.0

The first year of this course introduces students to the visual-gestural richness of American Sign Language (ASL) as it is used within the Deaf communities. Emphasis is upon acquisiton of comprehension, production and interactional skills, at a novice level, using basic grammatical features and other forms of visual communication such as facial expressions and body movements. ASL will be taught within contexts and related to general surroundings and everyday life experiences. Students will participate extensively in an interactive classroom enrvironment using the ASL Zone policy to ensure ASL immersion. An introduction to the audiological, coial, linguistic, and cultural aspects of Deafness and the Deaf Communities.

ARCC College American Sign Language & Culture 2

Course Numbers: 8201 & 8202
Grades: 9, 10, 11, 12
Credit: 1.0
Sequential Course: American Sign Language 1 (3201 & 3202) or equivalent.
Note: This course, taught at Mounds View, is offered as a concurrent enrollment option through Anoka Ramsey Community College. In order for this course to be offered for college credit, 51% or more of the students registered must commit to taking the course for college credit. If the 51% mark is not met, then the course will be offered for high school credit only.

A continuation of basic aspects of American Sign Language (ASL) taught in ASL 3201-3202--its basic vocabulary, structure, syntax, and grammar. Students will continue to focus on fingerspelling, numbers, facial grammar and sentence structure. Students will also further develop the conversational/cultural behaviors necessary to hold a beginning-level conversation. More challenging examples of Deaf humor will be presented as well as additional cultural information to aid student development of awareness of and appreciation for the unique linguistic relationship between language and culture among those deaf/hard-of-hearing individuals who use ASL to communicate.

American Sign Language 3

Course Numbers: 3205 & 3206
Grades: 9, 10, 11, 12
Credit: 1.0
Sequential Course: ARCC College American Sign Language & Culture 2 (8201 & 8202) or equivalent.

Students will work to further internalize American Sign Language and Deaf culture, building mastery on previously learned materials. Emphasis is upon developing comprehension, production and interactional skills, at an intermediate plus level, focusing on advanced vocabulary and patterns of grammar; use of visual-gestural communication expressing complex thoughts in ASL and situational problem-solving scenarios. ASL literature will be introduced to enhance proficiency in non-manual markers. Students will develop a deeper appreciation of Deaf culture through a socio-cultural analysis of hearing and Deaf communities.

American Sign Language 4

Course Numbers: 3207 & 3208
Grades: 9, 10, 11, 12
Credit: 1.0
Sequential Course: American Sign Language 3 (3205 & 3206) or equivalent.
Note: This course will be offered at Mounds View High School, at Irondale High School, or at both, depending on registration numbers. Students will be notified of the location after the registration process is complete. Transportation will be provided if the class is conducted at Irondale.

This course is a continuance to obtain greater proficiency in the core skills of communication in American Sign Language. Students will enhance and apply comprehension, production and interactional skills at an advanced level with a strong emphasis on non-verbal communication through guided discussion, debates, projects, and presentations related to cultural and historical topics. This course is conducted exclusively in the target language.

College credit associated with this class

Chinese 1

Course Numbers: 3222 & 3223
Grades: 9, 10, 11, 12
Credit: 1.0

Ni hao! The primary goals of this course is to develop basic communication by understanding the pinyin rules and developing pronunciation skills, learning basic vocabulary, word usage and practice speaking and listening skills. We focus on "Me", for example, my family, my school, my hobbies, etc. We emphasize Chinese character rocognition and writing. Students also learn Chinese history and culture through various activities. We will celebrate Chinese traditional festivals.

Chinese 2

Course Numbers: 3224 & 3225
Grades: 9, 10, 11, 12
Credit: 1.0
Sequential Course: Chinese 1 (3222 & 3223) or equivalent.

Chinese 2 builds upon the skills acquired in Chinese 1 and includes an emphasis on interpersonal, interpretive, and presentational communication through both speaking and listening. Building grammar, reading, and writing skills in addition to continued development of listening and speaking skills are also emphasized in this course. Students will continue to study Chinese culture and history using authentic materials (e.g., listening to radio programs, watching online educational videos and reading authentic storybooks) throughout the course. History and culture will also be included in this course.

Chinese 3

Course Numbers: 3226 & 3227
Grades: 9, 10, 11, 12
Credit: 1.0
Sequential Course: Chinese 2 (3224 & 3225) or equivalent.

Chinese 3 builds upon the skills acquired in Chinese 2. This course emphasizes interpersonal and presentation communication through both speaking and listening activities. Upon successfully completing this course, students will be able to increase their levels of language proficiency in speaking, listening, reading, and writing by engaging in various class activities (e.g., role play, writing journals, story-telling). Students will be expected to read some texts (in character) without pinyin and to write a short essay in Chinese characters. Students will also learn about Chinese culture in this course.

Chinese 4

Course Numbers: 3228 & 3229
Grades: 9, 10, 11, 12
Credit: 1.0
Sequential Course: Chinese 3 (3226 & 3227) or equivalent.
Note: This course will help students prepare for the AP Chinese exam.

Chinese 4 builds upon the skills acquired in Chinese 3. This course emphasizes interpersonal, interpretive, and presentational communication through speaking, listening, reading and writing activities. Upon successfully completing this course, students will be able to increase their levels of language proficiency by engaging in various class activities (e.g., role play, writing journals, cultural projects and stories). AP themes and vocabulary will be inlcuded in this course. Students will be expected to read text (in character) without pinyin and to write characters in class assignments a majority of the time. Chinese culture learning is incorporated in this course as well.

French 1

Course Numbers: 3244 & 3245
Grades: 9, 10, 11, 12
Credit: 1.0

Bienvenue! In this first year, the students will learn the basics of French through presentational, interpersonal and interpretive communication. This course is designed to teach students how to communicate in French, both in person and via technology. Students learn about French speaking countries around the world and increase their awareness in the French language and culture. This course uses a communicative approach to achieve novice level proficiency by the end of the school year. Topics include basic communication while traveling, hobbies, school, family and identity.

French 2

Course Numbers: 3246 & 3247
Grades: 9, 10, 11, 12
Credit: 1.0
Sequential Course: French 1 (3244 & 3245) or equivalent.

French 2 students continue to work on presentational, interpersonal and interpretive communication, with special emphasis on learning to communicate in the past tense. The study of the geography, history and culture of French-speaking countries is emphasized. Topics include clothing and shopping, holidays and celebrations, home life and chores, and expansion on food and travel.

French 3

Course Numbers: 3248 & 3249
Grades: 9, 10, 11, 12
Credit: 1.0
Sequential Course: French 2 (3246 & 3247) or equivalent.

Francophone cultures are studied from the viewpoint of geography, customs, and contributions to the world. Students will work toward increased interpersonal, interpretive and presentational communication on a variety of topics. Students may choose French 4 or AP French upon completion of this course.

French 4

Course Numbers: 3250 & 3251
Grades: 10, 11, 12
Credit: 1.0
Sequential Course: French 3 (3248 & 3249) or equivalent.
Note: This course will meet everyday combined with AP French.

Reading and listening comprehension, writing proficiency, and oral spontaneity are emphasized. Much group interaction and discussion is included. Curriculum is based around the six AP themes: Families and Communities, Global Challenges, Personal and Public Identities, Science and Technology, Contemporary Life and Beauty and Aesthetics. This class will meet every day, combined with AP French.

AP French Language & Culture

Course Numbers: 3242 & 3243
Grades: 10, 11, 12
Credit: 1.0
Sequential Course: French 3 (3248 & 3249) or equivalent.
Note: This course will meet everyday combined with French 4.

This class will emphasize comprehension of authentic written and spoken French sources on the Internet and in print. Curriculum is based around the six AP themes: Families and Communities, Global Challenges, Personal and Public Identities, Science and Technology, Contemporary Life and Beauty and Aesthetics. By successfully completing this course, students will be able to compare, in both written and spoken forms, the products, perspectives, and practices of the French-speaking cultures to their own culture. Students who successfully complete this course will be prepared to take the corresponding AP exam, which may earn them college credit.

Spanish 1

Course Numbers: 3283 & 3284
Grades: 9, 10, 11, 12
Credit: 1.0
Note: This course is designed for students who have not had any previous Spanish experience. Please consult your dean with any questions.

Students will be taught the basics of the four skills of Spanish: speaking, listening, reading, and writing the language. The students will learn correct Spanish pronunciation and useful expressions for travel and basic communication. Students will also gain an understanding of the basic geography and culture of the Spanish-speaking world. Upon successful completion of this course, students will be prepared for Spanish 2.

Spanish 2

Course Numbers: 3285 & 3286
Grades: 9, 10, 11, 12
Credit: 1.0
Sequential Course: Spanish 1 (3283 & 3284), middle school Spanish, or equivalent.

Students will continue to develop speaking, listening, reading and writing skills. Students will learn to communicate about past events as well as present situations. Spanish-speaking cultures are studied. Upon successful completion of this course, students will be prepared for Spanish 3.

Spanish 3

Course Numbers: 3287 & 3288
Grades: 10, 11, 12
Credit: 1.0
Sequential Course: Spanish 2 (3285 & 3286) or equivalent.

Students will build upon the skills from Spanish 2. Students begin to work with more complicated sentence structures. Students learn to expand and enrich what they can communicate about in Spanish to include the world outside of their own experiences. Upon successful completion of this course, students will be prepared for Spanish 4.

Spanish 4

Course Numbers: 3291 & 3292
Grades: 10, 11, 12
Credit: 1.0
Sequential Course: Spanish 3 (3287 & 3288) or equivalent.

Students continue to practice their oral communication skills as well as increase their proficiency in reading and writing through more in-depth activities. Upon successful completion of this course, students will be prepared for Spanish 5 or AP Spanish Language & Culture.

College credit associated with this class

Spanish 5

Course Numbers: 3293 & 3294
Grades: 11, 12
Credit: 1.0
Sequential Course: Spanish 4 (3291 & 3292), AP Spanish (3275 & 3276), or equivalent.

This course will synthesize the language that has been learned in previous levels. The course will use Spanish to focus on culture, literature, and film of the Spanish-speaking world. The class will be conducted in Spanish and is for students who commit to speak Spanish in class. Students will have the opportunity to take the AP Spanish Language and Culture Exam and the CLEP exam to earn possible college credit.

AP Spanish Language & Culture

Course Numbers: 3275 & 3276
Grades: 11, 12
Credit: 1.0
Sequential Course: Spanish 4 (3291 & 3292) or 5 (3293 & 3294) or equivalent.
Note: Based on enrollment this class may be offered at Mounds View OR Irondale High School. Students who successfully complete this course will be prepared to take the corresponding AP exam, which may earn them college credit.

This course will emphasize comprehension of authentic written and spoken Spanish by Spanish speakers intended for Spanish speakers. By successfully completing this course, students will be able to compare, in both written and spoken forms, the products, perspectives, and practices of the Spanish-speaking cultures to their own.

Spanish for Heritage Speakers

Course Numbers: 3295 & 3296
Grades: 9, 10, 11, 12
Credit: 1.0

This course is for students whose home language is Spanish. Students will develop their reading, writing, speaking, and listening skills through a focus on culture, literature, and film in the Spanish-speaking world. Students who successfully complete this course should continue on and take Spanish for Heritage Speakers 2.

Spanish for Heritage Speakers 2

Course Numbers: 3297 & 3298
Grades: 9, 10, 11, 12
Credit: 1.0
Note: Students who successfully complete this course will be prepared to take the corresponding AP exam, which may earn them college credit.

This course is for students whose home language is Spanish. This course is a continuation of Spanish for Heritage Speakers with different units of study related to the six AP themes. Students will develop their reading, writing, speaking, and listening skills through a focus on culture, literature, and film in the Spanish-speaking world.

College credit associated with this class

OTHER ELECTIVE OPTIONS

English Learners (EL)

Grades: 9, 10, 11, 12
Credit: up to 1.0 per semester

Instruction and support for students whose first language is not English with a focus on reading, writing and academic language. English Language Arts credit may be granted for these courses.

Post-Secondary Enrollment Options (PSEO)

Grades: 11, 12
Credit: Credit varies

As a qualified 11th or 12th grade Mounds View student, you may be eligible to attend college on a full-time or part-time basis. The credits you earn will be counted toward the graduation requirement and subject area requirements of District 621. There is no charge to you for the costs of tuition, textbooks, materials or fees; however, you must provide your own transportation. To be eligible for part-time PSEO enrollment, you MAY NOT have a full six period schedule at Mounds View. For further information, talk with your high school dean. Cumulative GPA will be a factor.
Minnesota Department of Education PSEO website:
http://education.state.mn.us/MDE/fam/dual/pseo/

School Service

Grades: 11, 12
Credit: .25
Note: Students may earn a maximum of .5 credit for graduation. Students are limited to one TA assignment per semester.

Provides students the opportunity to assist teachers and other staff members through the performance of clerical and other instructional support work. Students are assigned to a specific staff member and are responsible for fulfilling the requirements of a performance contract.

CIS Teacher Education 1: Exploring the Teaching Profession (Spring Lk Pk)

Grades: 11, 12
Credit: 1.0
Note: This course is offered at Spring Lake Park High School. Please contact your dean to register for this class. This is the first in a sequence of two year-long courses offered by the University of Minnesota. While this course is open to any junior or senior, it is highly recommended to take this course as a junior so that you can take the second class as a senior. .

The course is designed to give students an entry point into pursuing a career in education by providing both content knowledge and field experiences. Students explore the self as a teacher, the culture of teaching, student learning, and the sociocultural and political influences on teaching and learning. Students will consider the role of equity in working with diverse students and develop reflective practices. In addition, students in the course will participate in discussions, write reflective papers, and engage in small-group activities. Throughout the year, students will work with students as an intern in a local elementary, middle, or high school classroom, under the supervision of a mentor teacher.

Engineering Essentials (Spring Lk Pk)

Grades: 9, 10,11, 12
Credit: 1.0
Note: This course is offered at Spring Lake Park High School. Please contact your dean to register for this class.

Engineering Essentials is a course designed to explore engineering as a process, mindset, and career for students to investigate whether they are interested in engineering and want to further explore the engineering pathway after the end of the course. Students will work on documentation of design, systems thinking, experimental design, and computer modeling. Students will work as a group to apply the design process to solve and present their solutions to challenges that cover a wide variety of engineering fields, including mechanical, civil, electrical, industrial, and environmental engineering.

College credit associated with this class

NORTHEAST METRO Intermediate School District | 916
partners in education

The Northeast Metro 916 Career and Technical Center is located on Century College's East Campus. Some credits completed by a high school student enrolled at Northeast Metro 916 Career and Technical Center may be applied toward a related college program at Century and other colleges.

Course descriptions are available on the Northeast Metro website at https://careertech.916schools.org/programs

CRITERIA: Mounds View High School has a quota of 916 slots. As a result, specific criteria are used in the selection process. The following criteria shall be employed in order to enhance the match between students and their course enrollment selection as well as their likelihood of success at 916:

For Acceptance:

- Eligibility: Students must be juniors or seniors in the year of enrollment for 916.
- Achievement: Students must be making progress toward graduation such that they are not more than 1 credit behind the required pace for graduation or be achieving their IEP goals and objectives relative to this criterion.

APPLICATION PROCEDURE:

- See your Dean.
- Criteria is reviewed.
- Final approval is made by 916 staff.
- 916 will notify you of your acceptance in late spring.
- You must attend an orientation meeting prior to beginning the program.
- Students should register for a full schedule of classes at Mounds View High School.
- Changes will be made to schedules upon acceptance to the 916 Program.

Northeast Metro 916 Career & Tech Center 2024-25 Programs

(All programs eligible for high school elective credit. Certifications/credentials and college credit dependent on program-specific criteria.)

ENGINEERING, MANUFACTURING, AND TECHNOLOGY

AVIATION AND AEROSPACE TECHNOLOGY *New in 2024-25

- Take your skills to new heights using UAS/UAO (unmanned aerospace system/unmanned aerospace operation) and drone technology for recreational and commercial use
- Explore the world of flight, flight operations, aviation weather, engine performance, navigation, and communication
- Discover the many career options in the fast-paced and rapidly changing world of aviation and aerospace sciences with lessons enhanced by guest speakers, field trips to local airports and aviation sites

R2 *College Credit Available, Scholarships, Career Experiences*

AUTOMOTIVE TECHNOLOGY (1 or 2 year program)

- Maintain, repair, and fine-tune a wide range of vehicles alongside an ASE Master Technician in a full-service automotive center
- Utilize the same advanced diagnostic and repair equipment as industry professionals to troubleshoot complex systems
- Optimize vehicle operation and performance using applied critical thinking and problem-solving

R3 *Certifications, College Credit Available, Paid Internships*

CONSTRUCTION OCCUPATIONS: STUDENT BUILT HOME (1 or 2 year program)

- Experience the satisfaction of building an upscale residential home from the ground up
- Operate power tools in carpentry, masonry, plumbing, HVAC, and electrical while working alongside professionals
- Apply critical thinking to manage construction teams and interpret blueprints

R2 *College Credit Available, Certifications, Scholarships*

CONSTRUCTION OCCUPATIONS: LICENSED TRADES

- Get hands-on, real-world experience in the licensed trades of plumbing, HVAC, electrical, and solar/renewable energy
- Fast track yourself by attaining the skills and knowledge that lead to success in post-secondary training or direct entry into the workforce
- Engage in hands-on activities used in residential, commercial, and industrial settings

R2 *Career Experiences, Certifications, College Credit Available*

DIESEL TRUCKS AND ENGINE TECHNOLOY (1 or 2 year program)

- Diagnose, repair, overhaul, and assemble diesel-powered engines for trucks, trains, and power generation equip
- Utilize the same advanced equipment as industry professionals in this high-demand, high-paying field
- Network with local employers and training programs

R2 *College Credit Available, Certifications, Scholarships*

AUTOMOTIVE AND AUTO BODY CAREERS *New in 2024-25

(1 or 2 year program / grade 10 and up)

- Jumpstart your future as an auto service, tire, lube, small engines, and auto body (wraps, paintless dent repair, ceramic coating, etc) technician
- Experience a real-life automotive shop environment utilizing the same tools and equipment as professionals
- Explore MIG, TIG, and virtual welding for use with auto body and repair

R2 *Professional Skills, Scholarships, Professional Networking*

WELDING *New in 2024-25

- Manipulate the power of fire and electricity to design and construct the metal products people use every day
- Explore welding techniques such as MIG, TIG, stick, oxyacetylene, oxyfuel, and plasma cutting using live and virtual methods
- Express yourself- join, cut, bend, and manipulate metal for industrial and creative applications

R2 *Certifications, Immediate Employment, Professional Skills*

HEALTH SCIENCES

DENTAL CAREERS (grade 12 only)

- Develop a passion for educating adults and children on the importance of oral health, hygiene, and diet
- Perform a wide range of dental services including chairside assistance, instrument transfer, and oral impressions,
- Explore careers in this high-demand healthcare field such as orthodontics, oral surgery, and endodontics

R3 *College Credit Available, Certifications, Competitions*

EMERGENCY MEDICAL TECHNICIAN

- Experience the thrill of saving lives in real-world emergency situations where your actions make a difference
- Perform detailed medical and trauma patient assessments using advanced emergency equipment
- Engage in ambulance ride-a-longs, 911 call center job shadowing, and auto extrications

R3 *College Credit Available, Scholarships, Local/State/National Competitions*

MEDICAL CAREER SERIES

MEDICAL CAREERS: INTRODUCTION *(grade 10 and up) Rigor 2*

NURSING ASSISTANT *(grade 10 and up) Rigor 3*

PHLEBOTOMY *(grade 12 only) Rigor 3*

YOUTH APPRENTICESHIP/INTERNSHIP *Work-based learning Rigor 3*

College Credit Available, Certifications, Competitions

**For more info visit: bit.ly/916medcareers*

College credit associated with this class

Northeast Metro 916 Career & Tech Center 2024-25 Programs

(All programs eligible for high school elective credit. Certifications/credentials and college credit dependent on program-specific criteria.)

COSMETOLOGY

COSMETOLOGY: GENERAL (1 or 2 year program)

- Express individual creativity by providing a wide range of artistic hair, nail, and skincare services using the latest technology, trends, and name-brand products
- Network with guest speakers and industry connections
- Work in a simulated full-service salon and spa while performing services according to industry standards

R2 *MN Cosmetology Board Hours, College Credit Available, Scholarships*

COSMETOLOGY: NAIL TECHNOLOGY AND ESTHIOLOGY (SKIN)

(1 or 2 year program)

- Grow your ability to care for, repair, and beautify skin with salon-quality products
- Express/develop your creativity/skills in nail design and extension using builder gel, acrylic, and dip systems
- Jumpstart you career with skills to perform eyelash extensions, tinting, perming, facials, body scrubs, waxing and makeup

R3 *MN Cosmetology Board Hours, College Credit Available, Scholarships*

HUMAN SERVICES

CRIMINAL JUSTICE AND LAW ENFORCEMENT

- Make a difference by being entrusted to improve community relationships and protect citizens
- Engage in police ride-a-longs, auto extrications, and community involvement
- Explore how state and federal laws work to keep people safe and analyze the causes and effects of criminal behavior

R3 *Field Experiences, College Credit Available, Scholarships*

APPRENTICESHIP

YOUTH APPRENTICESHIP/INTERNSHIP

**must provide own transportation*

- Earn high school credit while getting paid to build your work experiences and resume for future college and career success
- Develop and showcase your talents and skills at various local businesses and industry settings
- The workplace is your classroom where you will expand your potential, working independently and alongside industry professionals

R3 *Work-based Learning, Professional Skills, Internships*

How to Register

Students interested in attending courses at 916 Career and Tech must register through their counselor at their home school. For more information, visit **www.916careertech.org**

BUSINESS MANAGEMENT & ADMINISTRATION

ENTREPRENEURSHIP, TRAVEL, AND SOCIAL MEDIA MARKETING

- Be the boss, develop an entrepreneurial spirit, and build your own business
- Tell a story of branding and promotion through video and podcast mediums
- Design, prototype, and launch advertising sales and public relations campaigns for a wide range of products including travel

R2 *College Credit Available, Career Experiences, Scholarships*

AGRICULTURE, FOOD, & NATURAL RESOURCES

ANIMAL SCIENCE (1 or 2 year program)

- Provide care for live animals through veterinary examination, health care, first aid, and habitat enrichment
- Discover the science of animal anatomy, physiology, and genetics through dissections, models, and other hands-on activities
- Jumpstart a career in veterinary, companion, large animal, or zoological sciences

R2 *College Credit Available, FFA, Career Experiences*

ENVIRONMENTAL SCIENCE & NATURAL RESOURCES

*New in 2024-25

- Get outside and jumpstart a career in MN conservation; gather information about water, soils, forestry, and wildlife
- Grow your own plants in our greenhouse and design, create, and install sustainable habitats and landscapes
- Make a difference in your community and the world by identifying and solving environmental problems

R2 *College Credit Available, FFA, Scholarships*

ARTS, COMMUNICATIONS, AND INFORMATION SYSTEMS

ANIMATION AND GAME DESIGN

- Unleash the power of art and technology to produce eye-catching graphics and motion
- Bring a creative vision to life using professional techniques, high-tech gaming, and other visual media
- Showcase your abilities alongside other creative and technical individuals while creating a professional portfolio

R2 *College Credit Available, Career Experiences, Scholarships*

INFORMATION TECHNOLOGY: REPAIR, NETWORK, CYBERSECURITY

- Solve real-world technology problems by using high-tech troubleshooting techniques
- Experience the power of Python programming to unlock the worlds of automation plus game and software development
- Protect computers and networks to defend against criminal and terrorist threats

R3 *College Credit Available, Certifications, Scholarships*

SPRING LAKE PARK HIGH SCHOOL

SPRING LAKE PARK
OPPORTUNITIES IN EMERGENCY CARE (OEC)

Spring Lake Park High School's OPPORTUNITIES IN EMERGENCY CARE program is an award-winning medical education program that offers extensive opportunities to students interested in serving others in the healthcare field. On site at Spring Lake Park High School, they have state-of-the-art EMS and Nursing Assistant facilities, including an ambulance for training and medical event coverage. Students can become fully prepared for pursuing careers in clinics, hospitals, nursing homes, in-home healthcare, ambulance services, fire departments, etc. through our courses. Students can earn articulated college credits and/or medical field certifications. Click here for more information.

Emergency Medical Responder - Emergency Technician (Spring Lake Park HS)

Grades: 11, 12
Credits: 2.0 (2-hour, year long course)
Note: Please see your dean to register for this class. This is a trimester-long, 2-hour course. This course is offered at Spring Lake Park High School. Transportation provided.
Post-secondary Connection: 13 articulated college credits through Alexandria Technical Community College, Anoka Technical College, Century College, Hennepin Tech, Lake Superior Community College, and Normandale Community College available upon successful completion, B- or 80%
Potential Certifications:

- AHA Basic Life Support Healthcare Provider CPR
- Minnesota State Emergency Medical Responder
- National Registry/State of Minnesota Emergency Medical

This course is an ideal course for students interested in any aspect of a career in the medical field. It begins with the necessary preparation for Emergency Medical Responder, followed by the requirements necessary to become an Emergency Medical Technician. Students will have the opportunity to apply their skills at school and community events, plus four days of emergency care workshops in Amery, WI, as an optional part of the course. The EMT course is designed to prepare students for all aspects of emergency patient care and other professional healthcare occupations. This course includes assessment-based education and medical interventions. Ambulance calls will be staged for students on a routine basis. Ride-alongs will be available with Fridley Fire Department for students making adequate progress. Outside lab and service learning hours are required as part of the course. Clinical patient contact opportunities include athletic events, ambulance standby, and can clinical and surgical shadowing.

Nursing Assistant-Emergency Medical Technician (Spring Lake Park HS)

Grades: 11, 12
Credits: 1.0 (2-hour, trimester course)
Note: Please see your dean to register for this class. This is a trimester-long, 2-hour course. This course is offered at Spring Lake Park High School. Transportation provided.
Post-secondary Connection: 13 articulated college credits through Alexandria Technical Community College, Anoka Technical College, Century College, Hennepin Tech, Lake Superior Community College, and Normandale Community College available upon successful completion, B- or 80%
Potential Certifications:

- Nursing Assistant-Registered
- AHA Basic Life Support Healthcare Provider CPR
- National Registry/State of Minnesota Emergency Medical Technician

This course is an ideal course for students interested in any aspect of a career in the medical field. It begins with the necessary training for nursing assistant, followed by the requirements necessary to become an Emergency Medical Technician. Students are exposed to medical terminology, medical forms, and anatomy and physiology as it relates to aging and long term care. Students will learn how to assist and relate to and care for residents at a long term care facility and are required to complete 16 hours of clinicals. A Nursing Assistant certification is a requirement for most college nursing programs. Attendance requirements are set by the Minnesota Nursing Assistant Registry. Students with more than 6 absences in the course will not be eligible for clinicals and certification. As part of the EMT preparation, students will have the opportunity to apply their skills at school and community events, plus four days of emergency care workshops in Amery, WI, as an optional part of the course. The EMT course is designed to prepare students for all aspects of emergency patient care and other professional healthcare occupations. This course includes assessment-based education and medical interventions. Ambulance calls will be staged for students on a routine basis. Ride-alongs will be available with Fridley Fire Department for students making adequate progress. Outside lab and service learning hours are required as part of the course. Clinical patient contact opportunities include athletic events, ambulance standby, and can clinical and surgical shadowing.

College credit associated with this class

SPRING LAKE PARK HIGH SCHOOL

SPRING LAKE PARK
OPPORTUNITIES IN EMERGENCY CARE (OEC)

Enhanced Emergency Medical Technician (Spring Lake Park HS)

Grade: 12
Credits: 1.0 (2-hour, fall trimester course)
Note: Please see your dean to register for this class. This is a year-long, 2-hour course. This course is offered at Spring Lake Park High School. Transportation provided.
Prerequisite: Grade of B+ or higher in EMT 1&2
Fees: EMT uniform required for clinical experiences, own transportation (may carpool with classmates with parent permission), AHA instructor testing fees (if pursued).
Note: Students who successfully complete EMR and EMT in 11th grade will be eligible to apply and enroll in the Medical Internship in 12th grade. Students will be trained to work alongside paramedics in the Enhanced EMT course. Parts of this course are taught by paramedics.

Units include advanced emergency medical training:

- EMT skills & academic review
- EMR skills examiner
- American Heart Association CPR & First Aid Instructor course
- Advanced assessment of sports-related injuries
- Hazardous materials responder - operations level
- Basic cardiology and EKG interpretation
- Variance medications and methods of administration including intramuscular, intravenous, and intraosseous injection
- Final mega-code demonstration including the use of cardiac monitor/defibrillator, starting an IV, and administering medications used in a mock cardiac arrest

Emphasis is placed on leadership as intern students are expected to work with and mentor EMR students by assisting at after school labs, evaluating student skills, running scenarios, and leading new students at medical events. This course is taught by OEC faculty and ancillary staff, including paramedics, registered nurses, and others. POTENTIAL CERTIFICATIONS: AHA CPR & First Aid Instructor

OEC
Opportunities In Emergency Care
Spring Lake Park High School • ISD #16

Fire Rescue Technician (Spring Lake Park HS)

Grade: 12
Credits: 1.0 (2-hour, winter trimester course)
Note: Please see your dean to register for this class. This is a 2-hour course. This course is offered at Spring Lake Park High School. Some sessions will be off site. Transportation to Spring Lake High School provided.
Prerequisite: Emergency Medical Responder certification

The Rope Rescue Technician training program is based on the objectives as identified in the NFPA 1006, 2021 edition, Standard for Rescue Technician Professional Qualifications. This course is provided in three modules and covers all knowledge and skills requirements to prepare a candidate for certification as a rope rescue and confied space rescue technician.

Fire Fighter 1 (Spring Lake Park HS)

Grade: 12
Credits: 1.0 (2-hour, spring trimester course)
Note: Please see your dean to register for this class. This is a 2-hour course. This course is offered at Spring Lake Park High School. Some sessions will be off site.
Prerequisite: Emergency Medical Responder certification

This unique course is taught in conjunction with the Fridley Fire Department. Unit includes training that meets or exceeds the requirements of NFPA 1001: Standard for Fire Fighter Professional Qualifications, 2019 Edition. This is the basic level of firefighting skills and knowledge that prepares a person to safely operate within an Incident Command structure, to don protective equipment including SCBA, use appropriate tools and equipment to extinguish various types of fires including structure fires and other types of fires that might occur within a community. Training and knowledge will also include the use of ladders, ropes, hose and nozzles, salvage covers, and a variety of hand and power tools. Major outcomes include understading Firefighter 1 skills and become a viable candidate for hiring as a certified State of Minnesota Firefighter.

Online Course Offerings 2024-25		
Course Name	**Course #**	**Semester or Year Long**
World History: ATMED & PACINDO	3747OL & 3748OL	Semester
US Government & Politics	3742OL	Semester
Health	3504OL	Semester
Fit for Life	3520OL	Semester
ARCC College Personal & Community Health	8501OL	Semester
ARCC College Introduction to Art	8101OL	Semester

Hybrid Course Offerings 2024-25				
Hybrid Courses	**Location**	**Course #**	**Period**	**Semester or Year Long**
AP Microeconomics	MVHS	3751H	TBD	Semester
AP Psychology	MVHS	3708H & 3709H	TBD	Year Long
Multi-Variable Calc/Linear Algebra	MVHS	3466H & 3467H	TBD	Year Long
ARCC College Music Appreciation	IHS/MVHS	8131H	TBD	Semester

Mounds View High School Administrative Team

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Mounds View
HIGH SCHOOL
Mounds View Public Schools