

REGISTRATION GUIDE



Cambridge-Isanti Schools



Cambridge-Isanti High School
430 NW 8th Ave
Cambridge, MN 55008
(763)689-6066
Fax (763)-689-6060

Dear CIHS Student,

The Cambridge-Isanti High School Registration Guide has been prepared to help plan your course selections. It contains information about the registration process, graduation requirements, curriculum opportunities (such as Post-Secondary Enrollment Option, Articulated College Credit, Concurrent College Enrollment), and descriptions of courses offered at Cambridge-Isanti High School. The registration guide will assist you with making decisions regarding a course of study as well as inform you of school policies and requirements regarding the academic program. It is important for you to share this registration guide and communicate with your parents as you select courses that reflect goals and dreams for your future.

Whether you plan to attend a four-year, technical or community college, enlist in the armed services, enter the workforce, or pursue some other endeavor, we hope that you take advantage of the many educational opportunities offered at Cambridge-Isanti High School. During your high school years, you can explore areas of interest and develop the talents and abilities that will enable you to follow through with your plans after graduation. Choices made now will have a lasting impact on your future!

Consider your talents, interests and long-term goals before you select a course of study. Read the introductory sections in the guide that explains the graduation requirements and general college entrance requirements. Contact your counselor, advisor or other teachers if you have questions.

Students in grades 8-11 will use this guide as part of the registration process. Your choices will affect the schedule built for the entire student body. Please note that once you request your registration, you must be committed to the choices that you have made. Once your course choices are made, they cannot be changed without being approved through the process described in the Student Handbook.

Cambridge-Isanti High School has a great reputation for options and excellence. We believe we have a program to offer every student. We look forward to working with you to plan for a productive and rewarding program of study for the 2025-2026 school year!

Building Administration
Dr. Steve Gibbs, *Principal*
Jeremy Miller, *Assistant Principal*
Elizabeth Young, *Assistant Principal*
Courtney Karas, *Special Education Coordinator*
Matt Braaten, *Activities Director*

District Administration
Dr. Nathan Rudolph, *Superintendent*
Dr. Jason Bodey, *Teaching & Learning*
Christopher Kampa, *Finance & Operations*
Shawn Kirkeide, *Admin Services & HR*
Dr. Julie Williams, *Student Support Services*

CIHS LEADERSHIP & SCHEDULING TEAM



Dr. Gibbs
Principal



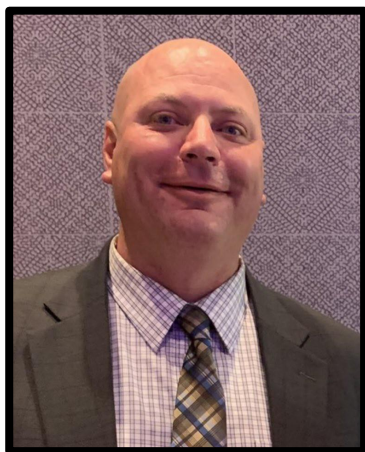
Jeremy Miller
Assistant Principal
(Last Names A-L)



Elizabeth Young
Assistant Principal
(Last Names M-Z)



Ms. Karas
Special Education
Coordinator



Mr. Braaten
Athletic Director



Amber Strom (A-G)
School Counselor



Kara Martin (H-O)
School Counselor



Rachel Senarighi (P-Z)
School Counselor



Dr. Nate Rudolph
Superintendent



Dr. Jason Bodey
Assistant Superintendent
of Teaching & Learning

The mission of
Cambridge-Isanti
Schools, in partnership
with our community,
is to
EDUCATE, EMPOWER
and **INSPIRE**
EVERY STUDENT,
EVERY DAY
to achieve their full
potential.

REGISTRATION INFORMATION

The following information provides a general guideline for registration.
For specific questions please contact your Counselor.



- A trimester course is worth 1 credit. There are a few exceptions to these statements
- Students must register for both the “A” and “B” sections of most courses. The second or subsequent courses in a series (II, III, IV) are not required to be taken in the same trimester or year
- Students wanting to repeat a course must meet with their counselor for prior approval
- Register carefully as you must be committed to the choices you have made. After you have requested your registration, schedule changes will not be made without following the C-I Schools Course Policies and Student Handbook Schedule Change Process

Registration for students in grades 9-11 will take place during the school day

- Students will meet with their Advisory teacher to review graduation requirements, examine course descriptions and think about courses they plan to take the following year.
- A Registration (Request) Worksheet will be sent home with students the week prior to Registration. Students are encouraged to complete the worksheet with their families, and **must** return it for registration.
- Information about registration and PSEO can be found in Schoology.
- Students will register one on one with an Administrator or Counselor to ensure accuracy of registration and graduation requirements for the student.

Registration for students in grade 8 will register at their respective Middle School

- Students will follow instructions from their current middle school for the registration process

New to C-I students will register upon enrollment



It is the individual student's Responsibility to assure that all graduation requirements are met.
Ask questions if you are not sure About your requirements.



GRADUATION REQUIREMENTS

Students graduating from Cambridge-Isanti High School must meet specific graduation requirements. These include earning 52 credits, meeting the required number of specific subject credits (see chart below), and complete all Minnesota and locally required assessments

Credit Overview	Class of 2026	Class of 2027	Class of 2028	Class of 2029
Art	2 credits	2 credits	2 credits	2 credits
Business	1 credit (Intro to Business & Finance <u>OR</u> Personal Finance)	1 credit (Intro to Business & Finance <u>OR</u> Personal Finance)	electives	electives
Computer Application	electives	electives	electives	electives
English	8 credits	8 credits	8 credits	8 credits
Family & Consumer Sciences	1 credit (Career & Life)	1 credit (Career & Life)	1 credit (Career & Life)	1 credit (Career & Life)
Math	7 credits (1 credit must be Statistics & Probability)	7 credits (1 credit must be Statistics & Probability)	7 credits (1 credit must be Statistics & Probability <u>OR</u> Approved math credit)	7 credits (1 credit must be Statistics & Probability <u>OR</u> Approved math credit)
Music	electives (Choir/Band count as Art credits)	electives (Choir/Band count as Art credits)	electives (Choir/Band count as Art credits)	electives (Choir/Band count as Art credits)
Physical Education & Health	3 credits (2 credits in 9th and 1 credit in 10-12)	3 credits (2 credits in 9th and 1 credit in 10-12)	3 credits (2 credits in 9th and 1 credit in 10-12)	3 credits (2 credits in 9th and 1 credit in 10)
Science	6 credits	6 credits	6 credits	6 credits
Social Studies	8 credits	8 credits	8 credits	8 credits
Trades & Industry	electives	electives	electives	electives
World Language	electives	electives	electives	electives
Personal Finance	electives	electives	1 credit	1 credit
Total Required:	52 Credits	52 credits	52 credits	52 credits

SCHEDULE INFORMATION

Class registrations are considered permanent when school begins. Schedules may be adjusted by staff to balance sections, but courses will remain unless one or more of the following are relevant:

Reasons for initiating schedule adjustments:

- A student being ill-suited for a class (*as determined by classroom teacher, counselor, and Principal*)
- A lack of class prerequisite
- Adding a failed required course not already rescheduled
- Adding elective classes to increase credits (other classes may not be switched)

Policy for Schedule Adjustments:

- Any student who needs a schedule adjustment must have the approval of the teacher, counselor and parent/guardian.
- Any student who drops a trimester class may receive a failing grade.
- The teacher and the counselor will have the final determination of the student's grade at the time of withdrawal, based on the student's current status in the class.
- Students who withdraw from a year-long course after two weeks will receive a failing grade and no credit on their transcript. This policy also applies to post-secondary enrollment options (PSEO) and College in the Schools (CIS) courses.
- When necessary, changes will be made for special programs such as on the job training or special education programs.



ACADEMIC OPTIONS

Advanced Placement

Advanced Placement is an internationally recognized program whereby students take classes that provide excellent preparation for the rigors of college. Students that pass the AP final test with a grade of “3” or higher may receive college credit for that class. Each college determines the passing score they will accept. Contact the specific college for further information on transferring AP credits.

Many times, one advanced placement class taken in high school will allow a student to opt out of at least one college class and possibly more than one.

Advanced Placement Courses offered at Cambridge-Isanti High School include:

English

Language/Composition & Literature/Composition

Social Studies

US Government & Politics

Regardless of whether a student passes an advanced placement course or not, college admissions administrators take positive note of students who have challenged themselves with more rigorous courses. Because of the excellent preparation they provide for college, students are strongly encouraged to challenge themselves with concurrent and Advanced Placement courses.

Permission Only

Certain courses require instructor permission in order to register for the course. Students must meet with the instructor **before registration** to determine if they are eligible to enroll in the course and to complete any required registration documents. At that time the instructor will sign your registration form which will allow you to register for the course. You will not be able to register for the course if the instructor’s signature is not on the form. See your advisor or counselor for specific instructor information.

By Permission Only Courses include:

Career Seminar 1 & 2

Work Experience/OJT

Independent Study

The purpose of Independent Study is for exploration, advanced study, enrichment and compacting curriculum. To apply for an independent study course, students must submit a formal written proposal using the application form available on the CIHS website. The form and its approval must be completed prior to the start of the Independent Study. Any faculty member may serve as an advisor for an independent course of study.

The student may need to present their project to the Principal/Counselor team.



ACADEMIC OPTIONS

College in the Schools

CIHS offers college level courses which allow students to receive high school and college credits simultaneously.

These classes are taught by teachers who have at least a master's degree and have the advantage (unlike PSEO courses) of being taught on-site. Because these credits are offered through the University of Minnesota, St. Cloud State University, Anoka-Ramsey Community College, Bethel University, and Saint Cloud Technical College, transferring the credits to a different college may pose a problem. It is important for students to contact the registrar of the college in order to have official transcripts sent to the college of their choice.

Beginning in their junior year, students have the option take the following courses if they meet

College Algebra A & B
College Calculus A & B
College Statistics
College Trigonometry
College Intro to Literature (taken as part of AP Lit)

requirements:
College Reading & Writing
College Public Speaking
College US History
College World History
College Poetry (taken as part of AP Lit)

College Biology A & B
College Chemistry A & B
College Foundations of Education
Vocational Welding
College German 4

Post-Secondary Enrollment Options (PSEO)

Beginning in the junior year, a student may opt to attend any college, either full-time or part-time, to which he/she has been accepted. Juniors/Seniors; you'll need to check with the individual college to determine their specific eligibility requirements.

Some technical colleges require a specific cumulative GPA for admission. State funding covers the cost of tuition, fees and required books for eligible courses. It is the student's responsibility to check on the transfer of credits to a different college.

Also, transportation must be provided by the student.

More information and guideline sheets [visit the Minnesota Department of Education Postsecondary Enrollment Options \(PSEO\) webpage](http://www.mn.gov/education/postsecondary-enrollment-options)

Articulated College Credit

Articulated College Credit courses are taught at Cambridge-Isanti High School and offer students high school credit as well as college credit. Students are expected to perform at the college level. Through technical schools, students will receive an Articulated College Credit Certificate of Credit if they meet the requirements. The Articulated College Credit Certificate may be submitted to a college at the time of registration to possibly receive college credit. **College acceptance of credits is subject to change due to revisions in college courses and other circumstances.**

Please go to www.CTEcreditmn.com to see the full list of Articulated College Credit offered at CIHS.

CIHS has Articulated College Credit Agreements with **Anoka-Ramsey and North Hennepin Community Colleges** and **Anoka, Pine, St. Cloud, and Hennepin Technical Colleges**

Student data is collected for the purpose of issuing Articulated College Credit Certificates and to help measure program effectiveness. Consortium member teachers enter student data into the secure online system to authorize issuance of the college credit certificates.

Internal consortium staff members generate and mail the certificates..

Auto 1
Carpentry & Furniture
Child Development
Early Childhood Education A & B
Fashion Design

Introduction to Culinary Arts A & B
Introduction to Woods
Machining & Manufacturing Process 2
Medical Terminology
Vocational Welding
Vocational Woods A & B

CIHS Articulated College Credit Courses



CAREER PATHWAYS



CAREER PATHWAYS

EDUCATE | EMPOWER | INSPIRE | EVERY STUDENT, EVERY DAY

Whether you're still exploring your future or have a clear career goal in mind, CIHS will help you navigate to success. Explore how our career pathways can help you reach your goals.



ARTS, COMMUNICATIONS & INFORMATION SYSTEMS

Express your creativity through visual arts, music and performance. Or master technology, computer science, cyber security, cloud architecture and more. Become a sound engineer, videographer or designer. Communicate, create and share your talents with the world.

- Information Technology (IT)
- Visual & Performing Arts
- Audio & Visual Communication



BUSINESS, MANAGEMENT, AND ADMINISTRATION

Develop the skills you need to succeed in the world of business and management. Learn about finance, marketing, hospitality, restaurant management and entrepreneurship to become a leader in your field.

- Business, Management & Administration
- Finance
- Culinary, Hospitality and Tourism
- Marketing

ENGINEERING, MANUFACTURING, TECHNOLOGY

Discover the fascinating world of engineering (civil, mechanical, drafting design). Learn how to design, build, and repair innovative products, automotive, tools & die and systems that change the world. Become a certified welder or machinist, architect or carpenter.

- Construction & Architecture
- Engineering, Design & Technology
- Manufacturing and Welding
- Automotive & Transportation



HEALTH SCIENCES, HUMAN SERVICES AND AGRICULTURE/ NATURAL RESOURCES

Make a difference in people's lives by pursuing a career in criminal justice, healthcare, education, or social work. Or, explore the wonders of agriculture and natural resources and preserve our planet for future generations.

- Agriculture, Food, & Natural Resources
- Education
- Health Sciences
- Human Services



Our Bluejacket values are at the heart of everything we do. Whether you're college-bound or ready to start your career, we have the resources and support you need to succeed.

HONESTY | RESPECT | RESPONSIBILITY | SELF-DISCIPLINE | COMPASSION



CAREER PATHWAYS

Follow these symbols throughout the guide to choose elective courses that align with your interests or post-graduation plans:



Computer User Support Specialist

\$63,282 median annual wage
High School Diploma, Vocational Training
 Job Demand: **High**
 10-year Job Growth Rate: **5.3%**

Floral Designers

\$31,319 median annual wage
High School Diploma
 Job Demand: **Low**
 10-year Job Growth Rate: **-15.8%**

Telecommunications Installers

\$31,319 median annual wage
High School Diploma
 Job Demand: **Medium**
 10-year Job Growth Rate: **5.5%**

Audio and Video Technician

\$62,940 median annual wage
High School Diploma, Vocational Training
 Job Demand: **Low**
 10-year Job Growth Rate: **18.9%**

Photographers

\$62,763 median annual wage
High School Diploma
 Job Demand: **Low**
 10-year Job Growth Rate: **11.4%**

Graphic Designers

\$62,763 median annual wage
Bachelor's Degree
 Job Demand: **High**
 10-year Job Growth Rate: **0.5%**

Interior Designers

\$63,334 median annual wage
High School Diploma
 Job Demand: **Low**
 10-year Job Growth Rate: **2.3%**

Producers and Directors

\$75,962 median annual wage
Bachelor's Degree
 Job Demand: **Low**
 10-year Job Growth Rate: **14.3%**



Customer Service Representatives

\$46,307 median annual wage
High School Diploma
 Job Demand: **High**
 10-year Job Growth Rate: **-4.4%**

Receptionists and Information Clerks

\$35,802 median annual wage
High School Diploma
 Job Demand: **High**
 10-year Job Growth Rate: **0.1%**

Purchasing Managers

\$128,104 median annual wage
Bachelor's Degree
 Job Demand: **High**
 10-year Job Growth Rate: **4.9%**

Janitors and Cleaners

\$37,168 median annual wage
High School Diploma
 Job Demand: **High**
 10-year Job Growth Rate: **5.9%**

Chefs and Head Cooks

\$51,414 median annual wage
High School Diploma, Vocational Training
 Job Demand: **High**
 10-year Job Growth Rate: **20.7%**

Writers and Communication Specialists

\$70,084 median annual wage
Bachelor's Degree
 Job Demand: **Low**
 10-year Job Growth Rate: **4.0%**



Maintenance and Repair Workers

\$50,729 median annual wage
High School Diploma
 Job Demand: **High**
 10-year Job Growth Rate: **4.6%**

Industrial Engineers

\$99,846 median annual wage
Bachelor's Degree
 Job Demand: **High**
 10-year Job Growth Rate: **11.2%**

Machinists

\$53,440 median annual wage
High School Diploma, Vocational Training
 Job Demand: **High**
 10-year Job Growth Rate: **6.9%**

Electrician

\$74,451 median annual wage
High School Diploma, Vocational Training
 Job Demand: **High**
 10-year Job Growth Rate: **8.1%**

Construction Manager

\$100,690 median annual wage
Bachelor's Degree
 Job Demand: **High**
 10-year Job Growth Rate: **12.0%**

Heavy and Tractor-Trailer Truck Driver

\$58,460 median annual wage
High School Diploma
 Job Demand: **High**
 10-year Job Growth Rate: **4.1%**

Welders

\$52,075 median annual wage
High School Diploma, Vocational Training
 Job Demand: **High**
 10-year Job Growth Rate: **7.7%**

Auto Service Technicians and Mechanics

\$50,740 median annual wage
High School Diploma, Vocational Training
 Job Demand: **High**
 10-year Job Growth Rate: **-5.4%**



Secondary School Teachers

\$65,183 median annual wage
Bachelor's Degree
 Job Demand: **High**
 10-year Job Growth Rate: **6.6%**

Coaches and Scouts

\$40,374 median annual wage
High School Diploma
 Job Demand: **High**
 10-year Job Growth Rate: **22.5%**

Registered Nurses

\$87,291 median annual wage
Associate's Degree
 Job Demand: **High**
 10-year Job Growth Rate: **6.6%**

Physician's Assistant

\$129,223 median annual wage
Graduate Degree
 Job Demand: **High**
 10-year Job Growth Rate: **31.4%**

Hairdressers and Cosmetologists

\$38,683 median annual wage
High School Diploma, Vocational Training
 Job Demand: **High**
 10-year Job Growth Rate: **17.0%**

Child and Family Social Worker

\$66,034 median annual wage
Graduate Degree
 Job Demand: **High**
 10-year Job Growth Rate: **10.6%**

Landscaping & Groundskeepers

\$39,331 median annual wage
High School Diploma
 Job Demand: **High**
 10-year Job Growth Rate: **7.7%**

Conservation Scientist

\$75,609 median annual wage
Bachelor's Degree
 Job Demand: **Medium**
 10-year Job Growth Rate: **2.9%**



COURSE NAMES & DESCRIPTIONS BY DEPARTMENT

Art

- Drawing
- Painting
- Printmaking
- Sculpture
- Digital Photography
- Ceramics

Business

- Introduction to Business
- Marketing
- Accounting 1
- Accounting 2
- Personal Finance
- Starting Your Own Business

Computer

- IT Exploration
- Computer Applications/Digital Citizenship
- Video Productions
- Graphic Design
- Video Game Design

English

- English 9 A & B
- English 10 A & B
- AP Language/Composition A & B
- AP Literature/Composition A & B & C
- College Writing & Critical Reading A & B
- Exploring Humanity through Literature & Film
- Social Change and Responsibility
- Survival and Adventure Literature
- Detective Literature & True Crime
- Mythology and Classical Literature
- Nonfiction Inspiration
- Real World Speaking
- Real World Writing
- College Public Speaking
- Journalistic Writing
- Science Fiction
- Speech - Literature in Performance
- Acting
- Creative Writing
- Literature & Live Theater
- Technical Theater

Family & Consumer Science

- Introduction to Family & Consumer Science
- Apparel Construction & Design 1
- Child Development
- Foods 1
- Quilting Arts 1
- Quilting Arts 2
- Early Childhood Education A & B
- Career & Life Development
- Housing & Interior Design
- Personal Finance
- Apparel Construction & Design 2
- Fashion Design
- Foods 2
- Introduction to Culinary Arts & Hospitality
- Life & Relationships
- College Foundations of Education

Health Careers

- Health Careers
- Disease Conditions
- Medical Terminology

Mathematics

- Intro to High School Math
- Algebra 1.5 Concepts A, B
- Algebra 1.5 A, B
- Honors Geometry A & B
- Geometry Concepts A & B
- Geometry A & B
- Personal Finance
- Honors Algebra 2 A & B
- Algebra 2 Concepts A & B
- Algebra 2 A & B
- Advanced Math A & B
- Statistics and Probability
- Trigonometry
- College Algebra A & B
- College Statistics
- College Algebra 2 & Trigonometry
- Calculus A & B
- College Calculus A & B

COURSE NAMES & DESCRIPTIONS BY DEPARTMENT

Music

- Ninth Grade Band
- Ninth Grade Band & Choir
- Ninth Grade Choir
- Musical Theatre Exploration
- Guitar 1
- Band Only
- Choir Only
- Band and Choir
- Music Theory & Composition

Physical Education

- Exercise Science
- Health Education
- Nutrition & Fitness
- Personal Fitness
- Strength Training/Cond. 1
- Athletic Weightlifting & Performance Training
- Physical Education 10 Competitive
- Physical Education 10 Recreational
- Strength Training/Cond. 2
- Strength Training/Cond. 3
- Water Sports/Lifeguard Training
- Fall Activities
- Winter Activities
- Spring Activities

Science

- Earth Science
- Space Science
- Biology A & B
- Honors Physics A & B
- Astronomy
- Geology
- Large Wildlife Mammals
- Marine Science
- Outdoor Science: Fall
- Outdoor Science: Spring
- Forensics
- Anatomy & Physiology 1
- Anatomy & Physiology 2
- Physics A & B
- Chemistry A & B
- Introduction to Taxidermy
- College Biology A & B
- College Biology C
- College Chemistry A & B

Social Studies

- Geography 9
- Intro to Social Sciences 9
- World History A & B
- U.S. History A & B
- Civics
- Economics
- Human Geography
- Political & Economic Worldviews
- Psychology
- Sociology
- AP US Government & Politics
- Personal Finance
- College U.S. History A & B
- College World History A & B
- College Geography
- College Economics

Trades & Industries

- Introduction to Woodworking
- Cabinetry & Furniture
- Woods CNC & Laser
- Welding 1
- Welding 2
- Small Engines/Power Sports
- Machining & Manufacturing Process 1
- Computer Aided Drafting & Design (CAD)
- Autos 1
- Autos 2
- Machining & Manufacturing Process 2
- Construction Trades
- Advanced Manufacturing Program (AMP)
- Vocational Woodworking A & B
- Vocational Welding

Work Based Learning

- Career Seminar 1
- Career Seminar 2
- Work Experience/OJT

World Languages

- Ojibwe Language & Culture (online)
- German 1 A & B
- German 2 A & B
- German 3 A & B & C
- German 4 A & B - Hybrid
- Spanish 1 A & B
- Spanish 2 A & B
- Spanish 3 A & B
- Spanish 4 A & B



ART

Two credits in the area of Music or Visual Arts (Art) are required for graduation. See the full list of eligible courses on page 14 of the registration guide. There may be a material fee requested for some art courses. Fees are not required.

Drawing

Grab your pencils and join us for an artistic adventure where your creativity knows no limits! Whether you're a seasoned sketcher or just starting out, this class offers a fun and inspiring environment to develop your skills. Explore everything from imaginative doodles to realistic portraits, all while learning essential drawing techniques.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Painting

If you want more color in your life and if you're willing to learn some simple tricks to paint beautifully....take this class! This is your opportunity to transform blank canvases into breathtaking masterpieces while experimenting with different painting techniques. Whether you're looking to express your emotions through art or simply want to have fun splashing paint, this class promises to be a colorful adventure that will leave you inspired and eager to create!



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Printmaking

Turn your drawings and designs into a print! This course introduces a range of printmaking methods including relief, monotype, and basic dry point processes. Learn how to carve your designs on several types of plates such as mat board, plexiglass and wood blocks. Create images printed as unique works, as multiples, or as variations.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Sculpture

If you like the challenge of creatively building things with your hands, you will enjoy this course. It is a course that introduces the basics of three-dimensional design (sculpture). You get the chance to make several sculptures out of various materials and metals.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

ART

Digital Photography

Your whole life will be documented through a camera lens. Why not learn how to take the best pictures possible? Find your personal artistic voice in Digital Photography and have fun exploring the world around you through a camera lens. You will learn how to use DLSR cameras and edit photos. This course is a HYBRID course. Pending that there are no behavior discrepancies and you maintain a passing grade of 65% or higher, you will be allowed to take pictures off campus on Tuesdays and Thursdays. Photography is only offered 1st and 6th period to allow for late start/early release on hybrid days.



1 Trimester, 1 Credit

Grades 11, 12

Ceramics

Get ready to roll up your sleeves and let the magic of ceramics inspire you! This hands-on course offers a perfect blend of techniques, with half of the time dedicated to mastering the potter's wheel and the other half exploring the art of handbuilding. From crafting bowls and mugs to creating beautiful slab forms, you'll learn essential skills while experimenting with different shapes and glazes.



1 Trimester, 1 Credit

Grades 11, 12

****Art Courses:**

Students must earn 2 credit in the Arts. The following courses currently meet requirements for Arts courses, in addition to the options in the Art Department:

Apparel Construction & Design II

Cantabile Choir

Ceramics

Concert Band

Concert Choir

Digital Photography

Drawing

Fashion Design

Graphic Design

Guitar I

Guitar II

Housing & Interior Design

Introduction to Culinary Arts & Hospitality

Music Theory & Composition

9th Grade Band

9th Grade Choir

Painting

Printmaking

Quilting Arts I

Quilting Arts II

Sculpture

Symphonic Band

Varsity Choir



BUSINESS

Graduation Requirement includes: Introduction to Business or Personal Finance for the Class of 2025-2027, and Personal Finance for the Class of 2028 and Beyond

Introduction to Business



Welcome to Introduction to Business, an engaging and foundational course designed to introduce high school students to the dynamic world of business. Whether you're interested in pursuing a career in business or simply want to develop a better understanding of how the business world operates, this course will provide you with essential knowledge and skills. Through interactive lessons, real-world examples, and hands-on projects, students will explore the fundamental concepts that shape the business landscape.

1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Marketing



Welcome to Marketing, a dynamic and hands-on high school course designed to immerse students in the exciting world of marketing. This course is crafted to provide a comprehensive understanding of the principles and strategies that drive successful marketing campaigns. Through a combination of interactive lectures, group projects, presentations and real-world simulations, Marketing will equip students with the knowledge and skills necessary to thrive in the dynamic field of marketing. Whether you aspire to pursue a career in marketing or simply want to understand the strategies behind successful brands, this course will provide a solid foundation for your future endeavors. Get ready to unleash your creativity and strategic thinking in the exciting world of marketing!

1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):
• Introduction to Business

Accounting 1



Welcome to Accounting. This course provides students with a foundational understanding of accounting principles and practices. Through engaging lessons and hands-on activities, students will explore the accounting cycle, financial record-keeping, and the preparation of essential financial statements such as balance sheets and income statements. This course is ideal for students interested in pursuing careers in business, finance, or entrepreneurship, or those seeking essential life skills in financial literacy.

1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):
• Introduction to Business

Accounting 2



Does your future include working for someone else or running your own business? Then you need this course. Gain essential experience and knowledge necessary to be successful in managing the finances of a business and knowledge to prepare you for college-level accounting classes. Through the use of a real-life simulation, students will learn the accounting process for a retailing company through recording entries, creating financial statements and preparing payroll documents. Articulated College Credit with ARCC.

1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):
• Introduction to Business
• Accounting 1



BUSINESS

Personal Finance



The average person will earn over a million dollars in his/her lifetime. Using an informed decision- making process could make the most of one's total life's financial assets. Emphasis of this course is placed on the importance of investing for the young person. Knowledge of insurance, credit, consumer rights, checking accounts, savings accounts, loans, income tax, and household budgets will also be studied. Computer knowledge is helpful.

1 Trimester, 1 Credit

Grades 10, 11, 12

Start Your Own Business



Welcome to Starting Your Own Business, a dynamic and hands-on course designed to empower high school students with the knowledge and skills needed to start their own business ventures. In this immersive learning experience, students will explore the exciting world of entrepreneurship, from ideation to execution, and develop a comprehensive understanding of the key principles that drive successful business startups. Through a mix of interactive lectures, projects, case studies, and guest speakers from the business community, Starting Your Own Business will provide you with the tools and confidence needed to turn your entrepreneurial dreams into reality. Get ready to embark on an exciting journey of creativity, innovation, and business acumen!

1 Trimester, 1 Credit

Grades 11, 12

Prerequisite Course(s):

• **Introduction to Business**

**Personal Finance
is REQUIRED
students in
Graduation year 2028
and beyond.**



COMPUTER

IT Exploration

This course introduces students to major IT career disciplines. It is intended for students exploring a career in IT and helps identify specific areas of interest. The areas include systems infrastructure and networking, security, application development, programming, and analytics. Students participate in hands-on activities that help them learn the concepts related to these career areas.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Computer Applications/Digital Citizenship

This course will prepare students for a society full of technology. Students will continue to develop their skills in Microsoft Word and Excel as well as explore different types of presentation software available. Students will also learn and understand how to use technology in an appropriate and responsible way in society. Content areas of will include your Digital Footprint, Technology and Society, the 9 Elements of Digital Citizenship.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Video Productions

Do you want to become a YouTube sensation? Would you like to be a part of creating videos to be played at various school activities, including sporting events, pep fests and assemblies? In this class, you will learn how to do just that! You will be creating your productions using a high-end video production software that allows you to use various special effects, such as green screen, multiple layers of audio and video, titles, motion and many more. Recording material for your video projects will require time outside of class.



1 Trimester, 1 Credit

Grades 10, 11, 12

Graphic Design

This is a dynamic and creative high school course designed to introduce students to the exciting world of visual communication. This course is crafted to provide a comprehensive understanding of the principles and techniques that drive effective graphic design. Through a combination of theory, hands-on projects, and exploration of industry-standard tools, students will develop the skills necessary to bring their creative visions to life. Through a mix of lectures, hands-on projects, and critiques, Graphic Design will provide students with the skills and knowledge needed to express their creativity in the digital age. Whether you aspire to pursue a career in graphic design or simply want to enhance your visual communication skills, this course will open the door to a world of artistic possibilities. Get ready to unleash your creativity and embark on a visual journey!



1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):
• IT Exploration

Video Game Design

Create a number of predesigned video games of increasing difficulty. This is a self-paced, goal-oriented curriculum. This is an introductory programming and design course teaching technical skills related to software development, computer programming and graphic design. Learn the complexities of how a game is coded. This class will validate the endless hours of games you play!



1 Trimester, 1 Credit
Grades 10, 11, 12

Prerequisite Course(s):
• IT Exploration

ENGLISH

Required Credits

9th Grade (2 Credits)

English 9A - 1 Credit
English 9B - 1 Credit

10th Grade (2 Credits):

English 10A - 1 Credit
English 10B - 1 Credit

11th/12th Grade (4 Credits):

Pod A - 1 Credit
Pod B - 1 Credit
Pod C - 1 Credit
Any Pod or Elective - 1 Credit

College Credit Options

9th Grade (2 Credits)

English 9A - 1 Credit
English 9B - 1 Credit

10th Grade (2 Credits):

AP Lang & Comp A - 1 Credit
AP Lang & Comp B - 1 Credit

11th/12th Grade (4+ Credits):

AP Lit & Comp A - 1 Credit
AP Lit & Comp B - 1 Credit
AP Lit & Comp C - 1 Credit
College Writing & Reading A - 1 Credit
College Writing & Reading B - 1 Credit

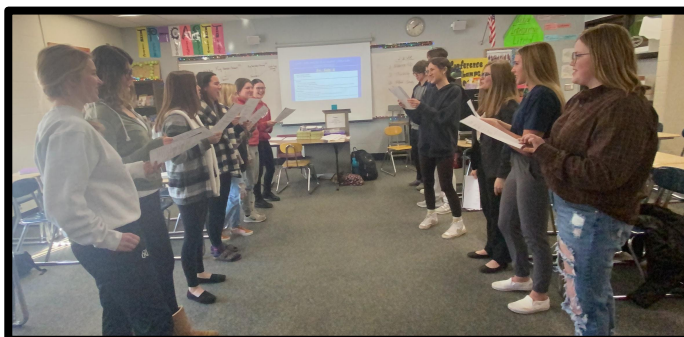
Elective Options

Offered in 2025-26, 2027-28, 2029-30...

- College Public Speaking
- Journalistic Writing
- Science Fiction
- Speech - Literature in Performance

Offered in 2026-27, 2028-29, 2030-31...

- College Public Speaking
- Acting
- Creative Writing
- Literature & Live Theater
- Technical Theater



English 9 A & B

English 9 focuses on reading, writing, speaking, and grammar. Students will explore literary concepts by studying short stories, poetry, nonfiction, drama, a class novel, and choice texts. Composition skills will be strengthened with an emphasis on the writing process, six traits of writing (Ideas, Organization, Voice, Sentence Fluency, Word Choice, and Conventions), and the basic 5-paragraph essay.

2 Trimesters, 2 Credits

Grade 9

English 10 A & B

Tenth grade students examine the literary components of short stories, plays, drama, poetry, and a class novel. Students will learn to identify major themes in a variety of literature and connect them to contemporary society through discussion and writing. Nonfiction units will help build skills in problem solving, analysis, and explore research writing. The writing process will be used to help plan, research, and organize thoughts. Writing includes character analysis, theme writing, research writing, and journaling using a multi genre approach.

2 Trimesters, 2 Credits

Grade 10



ENGLISH

Advanced/College Credit Path:

Advanced Placement Language/Composition 10 A & B

Advanced Placement Language/Composition will engage students in advanced reading and writing skills. Students will study the art of rhetoric and look at a variety of writings to deepen and expand their understanding of how written language functions rhetorically. This course helps students understand the effectiveness or ineffectiveness of a piece of writing in a specific rhetorical context by looking at the formal conventions of written language such as diction, syntax, vocabulary, punctuation, and paragraphing. In addition, the course will emphasize the writing process, asking students to write various formal and informal essays. AP Language/Composition is designed to help students become curious, critical, and responsive readers of diverse texts.

**Students may take the AP Language/Composition Test to receive college credit if they earn a qualifying score.*

2 Trimesters, 2 Credits

Grade 10

Prerequisite Course(s):

- 2.6+ GPA

High School Credits Fulfilled:

2 English 10 credits

Advanced Placement Literature/Composition A, B, & C

This course will give students the opportunity to pursue college level studies while in high school. The course is designed to improve critical thinking and analytic writing skills through literature, film, and class discussion.

This year-long course contains two college-level literature courses.

- College Introduction to Literary Studies (ENG 2202) introduces students to at least one example of each of the major forms/genres of literature: fiction, poetry, plays, and creative non-fiction. In addition to critical reading and discussion, the elements of literature, and analysis, interpretation, and evaluation will be covered. The course will introduce students to major approaches to literary criticism and to the use and documentation of literature research resources. This course will also deal with the issues of diversity.
- College Poetry (ENG 2208) introduces students to poetry as a form of literature. Figurative language, imagery, allusion, musical devices, pattern, sound, and other poetic elements will be discussed in order to examine and more fully understand the content and meaning of a wide range of poetic expression. This course will also deal with issues of diversity.

College credit is through Anoka-Ramsey Community College. Students **must register & complete A & B & C to receive college credit.*

**Students may take the AP Literature/Composition Test to receive additional college credit beyond the 6 concurrent credits.*

3 Trimesters, 3 Credits

6 Concurrent College Credits

Grade 11, 12

Prerequisite Course(s):

- 2.6+ GPA

High School Credits Fulfilled:

Pod A, Pod B, & Elective English Credit

College Writing & Critical Reading A & B

This course 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. Students will learn to compose descriptive essays, including one that can be used for college application, and effectively reasoned essays supported by evidence from credible sources.

**College credit is offered through Anoka-Ramsey Community College (ENG 1121).*

Students **must register & complete A & B to receive college credit.*

2 Trimesters, 2 Credits

4 Concurrent College Credits

Grade 11, 12

Prerequisite Course(s):

- 2.6+ GPA

High School Credits Fulfilled:

Elective English Credit & Pod C

College Public Speaking

This college level course is designed to help students become more effective communicators in public speaking situations. An emphasis will be placed on the development of advanced research, organization, adaptation and delivery skills, listening and nonverbal communication. Students will practice several different forms of public address experiences. This course is run similarly to a college course, in which there is independent learning happening outside of the regularly scheduled class times. The course is designed as such to help students transition from a high school schedule to a college environment, where having a greater ability to self start and time manage or prioritize tasks is even more crucial to the success of the student.

*This is a class with an **option** to be in person on Fridays for asynchronous instruction and work. Asynchronous Friday work must be done before coming to class on Monday (if you fall behind, you will be required to come in on FLEX day Fridays). College credit is offered through Anoka-Ramsey Community College (CMST 2215).*

1 Trimester, 1 Credit

3 Concurrent College Credits

Grade 11, 12

Prerequisite Course(s):

- 2.6+ GPA

High School Credit Fulfilled:

Elective English Credit

ENGLISH

POD A - Choose at least 1 in 11th or 12th Grade (General Path):

Exploring Humanity Through Literature & Film

Explore a variety of themes by viewing films and multimedia, as well as, reading short stories, plays, poems, and essays. Engage in opportunities to improve reading, writing and speaking skills, and recognize your connection to a global society. (Pod A)

1 Trimester, 1 Credit

Grade 11, 12

Social Change & Responsibility

Are you passionate about equal opportunities for everyone? Come explore American Literature through the lenses of multiple groups in the United States. This course will be heavily based on current events pertaining to social issues as well as the historical events that led to them. It is our responsibility to use The Bluejacket Way to participate in civil discourse within our communities, and this class will be an opportunity to do so. (Pod A)

1 Trimester, 1 Credit

Grade 11, 12

Survival & Adventure Literature

Do you prefer stories about people surviving dangerous or life-threatening experiences? In this class, we read both true and fictional tales of survival & adventure gritty stories. These stories are combined with learning survival tips & skills. (Pod A)

1 Trimester, 1 Credit

Grade 11, 12

POD B - Choose at least 1 in 11th or 12th Grade (General Path):

Detective Literature & True Crime

Who did it?! Be prepared to investigate crime scenes, meet anti-heroes and unreliable protagonists, and explore what makes detective stories so compelling. We will read classics and contemporary works of fiction along with true crime. As a class, we will analyze and discuss the literature with a focus on themes, structures, and how crime stories impact our society. Join to piece together clues in texts, podcasts, documentaries, and films to sharpen your critical thinking skills! (Pod B)



1 Trimester, 1 Credit

Grade 11, 12

Mythology & Classical Literature

Gorgons and Minotaurs and heroes, oh my! Ancient Greek mythology is at the core of this class. Explore the myths, tragedies, and strange tales that formed the foundations of our literature and culture. (Pod B)

1 Trimester, 1 Credit

Grade 11, 12

Nonfiction Inspiration

Life Is So Good! Despite hardships, you will find through the eyes and words of real people that this is the truth. Come hear their stories, discover your philosophy through reading and writing, and be inspired by the possibilities within each of us. (Pod B)

1 Trimester, 1 Credit

Grade 11, 12

ENGLISH

POD C - Choose at least 1 in 11th or 12th Grade (General Path):

Real World Speaking

This course prepares students to communicate effectively and confidently in a variety of real-world speaking situations. From delivering persuasive speeches and professional presentations to podcasts and interviews, students will build their ability to engage diverse audiences. Through practical activities, research, and feedback sessions, students will develop essential writing and speaking skills such as organizing ideas and adapting language for specific contexts. By the end of the course, students will be equipped to express themselves clearly and persuasively in any personal, academic, or professional scenario. (Pod C)

1 Trimester, 1 Credit

Grade 11, 12

Real World Writing

This course is designed to equip students with the writing skills needed to navigate real-world scenarios with clarity, confidence, and professionalism. From crafting cover letters and opinion pieces to writing persuasive emails and proposals, students will learn how to research and communicate effectively in personal, academic, and professional contexts. Through practical assignments, peer reviews, and exposure to real-world examples, students will explore the fundamentals of audience awareness, tone, and purpose. Emphasis will also be placed on editing, revision, and formatting to produce polished, impactful work. (Pod C)

1 Trimester, 1 Credit

Grade 11, 12

English Electives:

Offered every other year, beginning in 2025-26:

Journalistic Writing

Students will learn how the 1st Amendment ensures freedom of speech and the press in the U.S. and become familiar with legal/ethical issues facing journalists and broadcasters. Students will also view and analyze various forms of social commentary, including satire and parody. Students will create news stories, opinion columns, features, reviews, infographics, and editorial cartoons. In this class, students will develop research skills by investigating topics, problems, and issues while writing about them in a journalistic format (this is not journal writing). (Offered 2025-26)



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Science Fiction

Through the lens of science fiction literature, we will discuss real-world issues and topics. Different units on zombies, space travel, robots, and the post-apocalypse will explore themes, character development, plot, and other literary devices. Be prepared to explore the unknown! (Offered 2025-26)

1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Speech-Literature in Performance

Students will bring literature to life through speech and performance. They'll select and perform excerpts from drama, prose, and poetry, honing their vocal skills and creativity. The course also offers opportunities for ensemble performances, including duo interpretations and readers' theatre. Whether performing solo or in a group, students will explore the power of storytelling while building confidence and presentation skills. This course is perfect for anyone interested in speech, drama, or the art of performance! (Offered 2025-26)



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

ENGLISH

English Electives:

Offered every other year, beginning in 2026-27

Acting

This course is an introduction to acting which includes such things as physical and vocal warm ups, observation exercises, improvisation, acting exercises, learning to follow stage directions, memorization, oral interpretation, characterization, acting in scenes, and group performances of cuttings or full-length one-act plays. You will be required to perform in front of and with your classmates on almost a daily basis. The final project will be to present a one-act play to an audience.

(Offered 2026-27)



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Creative Writing

Learn how to use your experience, imagination, and writing skills to create a portfolio containing a short story, a personal essay, poems, and a short script. In this class you will write almost every day as you practice using various elements, techniques, and the writing process. You will participate in writers' workshops as you revise and develop your creative writing assignments. *(Offered 2026-27)*

1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Literature & Live Theater

Plays are meant to be watched! Explore how reading plays compares to watching them performed live by professional actors. In this course, we will attend professional productions of the plays we study as well as compare them to modern-day film adaptations. *(Offered 2026-27)*



1 Trimester, 1 Credit

Grades 11, 12

Technical Theater

Explore the technical side of theater! Units designed around props, set design, costume design, lighting, and others will help students get a more complete understanding of everything that goes into creating a theatrical production. Throughout the trimester, students will research, design, and build everything that goes into creating a production. *(Offered 2026-27)*



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Family & Consumer Science

*Career & Life Development is required for graduation. *Denotes FACS course that counts as possible required Art credit*

Intro to Family & Consumer Science

Only for 9th graders. The six areas of Family and Consumer Science (housing, foods, family, child development, budget/consumerism, and textiles) will be explored. These areas will be taught using labs, hands-on activities, field trips, guest speakers, and projects. Get the “FACS for Life” in this exciting and interactive class. If you want to find out what Family and Consumer Science has to offer, this class is definitely for you! **This class is recommended before taking any FACS class.*

1 Trimester, 1 Credit

Grade 9

Apparel Construction & Design 1

Do you walk into a clothing store & wish you could make or alter the clothing you see? Do you see yourself becoming a Designer, Visual Merchandiser, Tailor or a Store Buyer? This beginning sewing class will get you the skills & knowledge to do just that! This class will show you beginning clothing construction techniques and give you the ability to express your creativity in the clothing you wear. Step by step directions, demonstrations of techniques & individual help are given to assure successful completion of projects. The student chooses a final project to complete that expresses the sewing skills they developed throughout the trimester.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Child Development

This course is relevant for students interested in careers which draw on the knowledge of children, child development, and nurturing of children. Child Development addresses issues of child development from conception/prenatal through preschool. It includes the study of prenatal development and birth; growth and development of children; child care giving and nurturing; and support systems for parents and caregivers. Field experience is included for students through the five-week, class run “Play School” program offered for preschool children in the community.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Foods 1

This course is an exciting start to the first of a series of food courses offered at CIHS! It is recommended for ALL students regardless of their career cluster or pathway. This course will provide a fundamental foundation of basic cooking skills and encourage independent living skills. Students will gain knowledge and participate in a variety of basic baking and cooking experiences on average once or twice a week. A variety of food topics will be studied which include: consumer shopping, etiquette, food supply, kitchen safety & sanitation, math, measuring, MyPlate, nutrition, reading a recipe, science, teamwork, and wellness. Students may have an opportunity to work in our school garden.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Early Childhood Education A & B

Early Childhood Education, formally called Exploring Childhood, prepares students for employment in early childhood education and related careers which involve working with children from birth to 3rd grade. Employability skills, resumes, and career portfolios are required components of this course. Students will participate in field experiences with children between 3-8 years of age. Levels of self-critique and reflection, and performance assessments by instructors and classroom teachers, will be used as evaluation criteria.



2 Trimesters, 2 Credits

Grades 9, 10, 11, 12

Prerequisite Course(s):
• **Child Development (B or higher)**

Family & Consumer Science

Quilting Arts 1*

Quilting has rapidly become a popular vehicle for artistic expression. Students will develop quilting skills by learning many traditional quilt squares and quilting techniques. Topics to be included are basic sewing machine operation, quilting vocabulary, quilt tool use, common quilting design styles and the quilt construction process. Designing and producing a quilted item will be the final project. The student is responsible for the cost of materials and supplies for the final project. This class may count as an elective credit or an arts credit.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Quilting Arts 2*

Quilting has rapidly become a popular vehicle for artistic expression. Students will develop quilting skills by learning many traditional quilt squares and quilting techniques. Topics to be included are basic sewing machine operation, quilting vocabulary, quilt tool use, common quilting design styles and the quilt construction process. Designing and producing a quilted item will be the final project. Students are responsible for the cost of materials and supplies for the final project. This class may count as an elective credit or an arts credit.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Prerequisite Course(s):

• **Quilting Arts 1**

Career & Life Development

In this course students will explore their personal abilities, aptitudes, and interests to discover how this relates to planning for a future career and life. This course addresses the issues of self-awareness, conflict resolution, personal growth, decision making, and healthy relationships. Students will look in depth at the four career pathways and understand how their personal pathway may lead to choosing high school courses, future postsecondary options, and employment/careers. Students will practice skills related to finding a job and skills for success on the job. Field Trips include workplace tours of colleges versus tech schools, and more!

1 Trimester, 1 Credit

Grades 10, 11, 12

Recommended in 10th

Housing & Interior Design*

This class will give students the opportunity to apply their artistic ability to design their own personal living space. Design principles will be used to plan and create your first apartment. Learn how to decorate and furnish your apartment in an economical way. Other topics will include interior design, careers, and landscaping. Field trips and hands-on experiences will help you in your approach to creating an enjoyable, comfortable environment in your apartment. This class may count as an elective credit or an arts credit.



1 Trimester, 1 Credit

Grades 10*, 11, 12

Family & Consumer Science

Personal Finance

Becoming a financially literate young adult is the motivation behind this personal finance class. Students will learn how to budget & spend their future earnings wisely. This class will also address major concerns young adult consumers will face as they begin a life on their own, including: consumer protection, identity theft, renting a home, auto loans, insurance, saving & investing money for future needs & wants, taxation, use of credit cards & keeping an accurate checking account. This class will give you the skills needed to face the financial realities that all adults experience. All of these topics will benefit students as they become increasingly independent & venture into adulthood.

1 Trimester, 1 Credit

Grades 10, 11, 12

Apparel Construction & Design 2*

This class allows you to expand your sewing skills beyond Apparel Construction & Design 1. This course is designed for the student to specialize in sewing areas that interest them that goes beyond the skills in Apparel Construction & Design 1. This class focuses on advanced sewing techniques including: zippers, seam finishing methods, beginning tailoring & pattern alterations. Step by step directions, demonstrations of techniques & individual help are given to assure successful completion of projects. Career development in the areas of clothing production & design will be highlighted. 3 major projects will be the focus throughout the trimester. The final project will allow the student to express his or her creativity through the designing or alterations applied in this project of choice. This class may count as an elective credit or as an art credit.



1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):
• **Apparel Construction & Design 1**

Fashion Design*

Are you interested in designing and creating fashions to meet your wants and needs? This course will help you develop your “personal style”. Topics include: sketching of figures and clothing, design aspects, and developing an apparel line. Designing and/or producing garments, sketching complete lines in clothing or accessories, or designing/producing costumes for theater are just a few possibilities for your individual presentation. This class may count as an elective credit or an arts credit.



1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):
• **Apparel Construction & Design 1 is recommended**

Foods 2

This course is the next mouthwatering step toward expanding your cooking and baking skills. Students will deepen and expand their culinary knowledge in a variety of hands-on food labs which build on the basics learned in Foods 1. Hands-on lab experiences will average three days a week and will include, but not limited to: food planning, preparation, presentation of breakfast, lunch, dinner, snacks, and smoothies which taste fantastic! Topics include, but not limited to: cooking skills/techniques, etiquette, food accessibility, food costs, food industry & careers, kitchen safety & sanitation, kitchen tools & equipment, math, MyPlate, nutrition, serving family meals, science, teamwork, and wellness. Students may have the opportunity to work in our school garden.



1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):
• **Foods 1**

Family & Consumer Science

Introduction to Culinary Arts & Hospitality*



Intro to Culinary Arts & Hospitality gives students the opportunity to apply their artistic ability in food preparation. Food preparation will include: main meals, garnishes, hors d'oeuvres, desserts and international foods; as well as introducing students to the foodservice industry, its history, organization, the importance of safety/sanitation, and the care and use of kitchen tools/equipment. It will also include product identification, recipe structure, menu planning, basic dining room operations, plus basic cooking principles. Fundamental culinary math skills (weights and measures, recipe conversion, yield tests, menu-pricing, inventories and food costs). This class may count as an elective credit or an arts credit.

1 Trimester, 1 Credit

Grades 11, 12

Prerequisite Course(s):
• Foods 1 & 2

Life & Relationships



This course is a chance for students to examine themselves, relationships, and the responsibilities of parenthood. Topics include: personality traits, relationship expectations and strategies, influences on relationships, ages and stages of development (birth to death), and careers related to families and relationships. Several guest speakers, simulated experiences, like the Real Care babies, and field trips will be included in the course curriculum.

1 Trimester, 1 Credit

Grades 11, 12

College Foundations of Education



This course introduces potential teacher education students to the professional educational community and to the role school plays in society. This course will provide an introductory framework allowing students to become conversant with the culture of schools in the US. The material covered will include information for students who are considering teaching as a future career or for those who simply wish to learn more about key educational issues. Includes a 30-hour field experience.

1 Trimester, 1 Credit

Grades 11, 12

Prerequisite Course(s):
• 2.6+ GPA



Personal Finance
is **REQUIRED**
students in
Graduation year 2028
and beyond.



Health Careers

Health Careers

Are you interested in a future in healthcare or science? Health Careers is your chance to explore exciting job opportunities, gain practical skills, and discover which career path fits your personality and talents. In this hands-on course, you'll dive into a variety of healthcare careers, hear from guest speakers currently working in the field, and experience a day in their life. Field trips to local healthcare facilities will give you a first-hand look at the work environment, while allowing you to explore your interested further. Additionally, you will get the opportunity to choose a specific career to investigate in-depth.



1 Trimester, 1 Credit

Grades 10, 11, 12

Disease Conditions

This course introduces the student to important concepts related to human diseases. The most common disease and disorders of each body system are presented along with a review of the anatomy and physiology pertinent to the content. Additionally, the effects of aging throughout the lifespan on the body systems and the relationship to the disease are presented. This course is designed for students interested in a health related career.



1 Trimester, 1 Credit

Grades 11, 12

Prerequisite Course(s):

• *Medical Terminology*

Medical Terminology

Working knowledge of medical terminology is essential for success in any healthcare field. Students will learn medical vocabulary by learning to analyze words and use roots, prefixes, suffixes, as well as abbreviations common to the medical profession. The four components of this course include medical terminology, human anatomy, human disease, and disease treatment. Students should have an interest in a career related to health care, as this course is intended for students interested in a career in health care. This course is an excellent preparation for all post-secondary coursework in the health sciences field. Students earning an A or B in this course receive articulated college credit at a MN State university.



1 Trimester, 1 Credit

Grades 11, 12

MATHEMATICS

TI-30X IIS scientific calculator is **required** for Algebra 2 and recommended for Algebra, Statistics and Probability, Geometry, and Honors Geometry.

TI-84 graphing calculator is recommended for Advanced Math, College Algebra, Trigonometry, College Algebra 2/Calculus.

Students successful in Advanced Math in 8th grade Algebra may earn High School credit for Algebra 1 in lieu of taking Algebra 1.5 in 9th grade.

Required Credits

9th Grade:

Algebra 1.5 A, B

10th Grade:

Geometry A, B

11th Grade:

Algebra 2 A, B

Required for Graduation:

Statistics & Probability - 10th, 11th, 12th

OR

College Statistics & Probability - 11th, 12th

Recommended Additional Electives:

College Algebra A, B - 12th

College Credit Options

9th Grade:

Honors Geometry A, B

10th Grade:

Honors Algebra 2 A, B

Required for Graduation:

Statistics & Probability - 10th, 11th, 12th

OR

College Statistics & Probability - 11th, 12th

Recommended Additional Electives:

College Algebra 2 A, B - 11th

College Algebra 2/Trigonometry - 12th

College Calculus A, B - 12th

Elective Options

Advanced Math A, B

Trigonometry

Calculus A, B

College Statistics & Probability

College Algebra 2 A, B

College Algebra 2/Trigonometry

College Calculus A, B

Personal Finance

is **REQUIRED**
students in
Graduation year 2028
and beyond.

Intro to High School Algebra

1 Trimester, 1 Credit

Grade 9

This foundational course introduces students to the core concepts of algebra, setting the stage for success as they continue math throughout the year. Students will learn how to distribute and combine like terms. They will also develop skills to solve, graph, and write linear equations. Through engaging lessons and hands-on practice, students will build critical thinking and problem-solving abilities essential for high school mathematics.

Algebra 1.5 A & B

2 Trimesters, 2 Credits

Grade 9

This course will examine the concepts of algebra as they intertwine with real world applications. Students will build a strong algebra base upon completion that is essential to further success in mathematics. Students will explore the following: properties of real numbers; solving, graphing, and writing equations; solving and graphing linear inequalities; exponents and exponential functions; factoring quadratic and polynomial functions.

Algebra 1.5 Concepts A & B

2 Trimesters, 2 Credits

Grade 9

The following skills will be integrated into the following algebraic concepts: properties of real numbers; solving, graphing, and writing linear equations; solving and graphing inequalities; exponents and exponential functions; factoring and graphing quadratics and polynomials. Students will use the language of algebra and algebraic representations to interpret graphs and solve real world problems.



MATHEMATICS

Personal Finance

The average person will earn over a million dollars in his/her lifetime. Using an informed decision-making process could make the most of one's total life's financial assets. Emphasis of this course is placed on the importance of investing for the young person. Knowledge of insurance, credit, consumer rights, checking accounts, savings accounts, loans, income tax, and household budgets will also be studied. Computer knowledge is helpful.

1 Trimester, 1 Credit
Grades 10, 11, 12

Honors Geometry A & B

This course is designed to develop the student's logic skills. The first six units focus on the concept of geometric proofs, which will assist the students in their ability to create a chain of logical reasoning. Other topics include the study of polygons, similarity, right triangle theory, circles, area and volume. A strong background in algebra is needed to solve problems addressing these geometric topics.

2 Trimesters, 2 Credits
Grade 9, 10, 11, 12

Geometry Concepts A & B

This course will offer students many opportunities to explore geometric situations. The course focuses on the key topics that provide a strong foundation in the essentials of geometry. Students will explore the following: angles, segments, lines, and points; perpendicular and parallel lines; polygons and their properties; sums, transformations, and similarities; right triangle and trigonometry; properties of circles; and area, surface area and volume. Students will need a scientific calculator for this course.

2 Trimesters, 2 Credits
Grades 10, 11, 12

Geometry A & B

This course will offer students many opportunities to explore geometric situations, develop conjectures, and prove their conjectures using a variety of methods. Students will be encouraged to use an axiomatic system and to communicate their geometric reasoning using standard two-column proofs as well as paragraph proofs, flow proofs, and coordinate proofs. Students will explore the following: angles, segments, lines, and points; reasoning and proofs; perpendicular and parallel lines; polygons and their properties, sums, transformations, and similarities; right triangle and trigonometry; properties of circles; area, surface area, volume.

2 Trimesters, 2 Credits
Grades 10, 11, 12

Honors Algebra 2 A & B

This course is designed to challenge the student's algebraic skills. The course will focus on functions and their relationships, and transformations on these functions. This includes quadratic, cubic, quartic, exponential, and rational equations. An introduction to trigonometry completes the course. A strong background in algebra is essential to succeed in this class. The work is rigorous and should only be considered by the serious student. **Students will be using graphing calculators to enhance the understanding of many concepts and to aid in problem solving.** The course is designed for those planning a career where an understanding of mathematics plays a crucial role.

2 Trimesters, 2 Credits
Grades 10, 11, 12



MATHEMATICS

Algebra 2 Concepts A & B

Part A of this course continues to build the student's algebraic skills. Topics include linear equations and inequalities, solving and graphing quadratic equations, and working with polynomials. It includes working with rational expressions, powers, roots, radicals, fractional exponents, exponential and logarithmic functions, and trigonometry. Part B provides a study of more advanced concepts in Algebra. It includes working with rational expressions, powers, roots, radicals, fractional exponents, exponential and logarithmic functions, and trigonometry.

2 Trimesters, 2 Credits

Grades 10, 11, 12

Algebra 2 A & B

Part A of this course is designed to challenge the student's algebraic skills. The course will focus on functions and their relationships. Other topics include systems of linear equations and inequalities. Students will also study polynomials, including quadratic, cubic, quartic, and beyond. Transformations of linear and quadratic equations will also be covered. Part B will focus on solving radical, rational, exponential and logarithmic functions, and trigonometric functions, graphs, identities, and equations.

2 Trimesters, 2 Credits

Grades 10, 11, 12

Advanced Math A & B

The advanced mathematics course is designed for students who plan to pursue a college education. Students should check with their counselor concerning requirements for their post-high school training. The course is a continuation of those high school topics leading into calculus. These topics include various types of functions, use of statistics, a development of trigonometry and exercises in probability. Students will use graphing calculators to enhance understanding and to aid in problem solving. **It is strongly recommended that students purchase their own graphing calculator.** The course is designed for those planning a career where mathematics is crucial.



2 Trimesters, 2 Credits

Grades 10, 11, 12

Statistics & Probability

The purpose of this course is to provide an introduction to important, fundamental concepts of both probability and statistics. In the area of probability, students will learn how to determine & count possible outcomes for various events, including permutations and combinations. Students will determine experimental probabilities by using simulations. The creation of simulations to determine experimental probabilities is also an important part of this course. Students will also examine a variety of ways to statistically analyze and display data by using measures of central tendency and dispersion. Students will examine what it means for data to be normally distributed and will work with the associated calculations of standard deviation, z-scores and percentiles.

1 Trimester, 1 Credit

Grades 10, 11, 12

Trigonometry

This course is designed to help students develop their proficiency in trigonometry. Basic concepts of advanced math are also revisited in this course. The curriculum will help students use trigonometry and algebra to model real world problems. Graphing calculators will be needed throughout the course to help advance the students' understanding of the mathematical concepts. This course will better prepare students for calculus as well as help them to prepare for other pursuits requiring a strong mathematical background.



2 Trimesters, 2 Credits

Grades 10, 11, 12

MATHEMATICS

Calculus A & B

This course is for college bound students who have successfully completed Advanced Math or College Algebra. Topics discussed include an extension of advanced math including limits and strategies for limits of various functions, differential calculus and integral calculus. Recommended for students entering business, economics, forestry, pharmacy, architecture, engineering, mathematics, medical, science or any highly technical field.

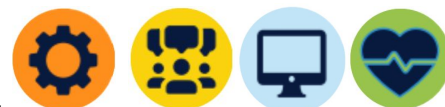


2 Trimesters, 2 Credits

Grades 11, 12

College Algebra A & B

This is a rigorous course with high expectations. Topics included are various functions and their graphs, solving and graphing inequalities, and solving systems of equations. Applications of trigonometric functions, series and sequences, and probability will be included. The problems will be analyzed and discussed at a rigorous level. Students will use graphing calculators to enhance understanding and to aid in problem solving.



2 Trimesters, 2 Credits

3 semester college credits from ARCC

Grades 11, 12

Prerequisite Course(s):

- 2.8+ GPA

College Calculus A & B

Students must complete all terms to receive credit. Topics discussed include an extension of advanced math including limits and strategies for limits of various functions, differential calculus and integral calculus. Recommended for students entering business, economics, forestry, pharmacy, architecture, engineering, mathematics, medical, science or any highly technical field.



2 Trimesters, 2 Credits

5 semester college credits from ARCC

Grades 11, 12

Prerequisite Course(s):

- 2.8+ GPA

College Statistics

This course is designed for students who need a practical understanding of elementary statistics. Topics include descriptive statistics, probability, normal and binomial distributions, elementary hypothesis testing, chi-squared and t-tests, correlation, and linear regression. Students will also learn how to use a statistical software package.



1 Trimester, 1 Credit

4 semester college credits from ARCC

Grades 11, 12

Prerequisite Course(s):

- 2.8+ GPA

College Algebra 2 & Trigonometry

Topics covered are trigonometric and circular functions, trigonometric identities and equations, inverse trigonometric functions, rational functions, introduction to matrices and determinants, conics, parametric equations, polar coordinates, and modeling.



1 Trimester, 1 Credit

4 semester college credits from ARCC

Grades 11, 12

Prerequisite Course(s):

- 2.8+ GPA

MUSIC

- Participation in band or choirs implies membership for the entire year, unless it becomes imperative to the director that a student should be dropped from the class.
- The ensembles are built upon a balanced band and choir; therefore, stability must be maintained for good performance.
- All students will perform a short audition and be placed in the appropriate band or choir based upon level of ability and ensemble balance.

Ninth Grade Treble Choir

This choir meets everyday and offers a performance program through ensemble choral singing. A strong emphasis is placed upon the fundamental elements of choral music including written worksheets and individual assessments. Sight singing is a part of the curriculum as well. A wide selection of music literature is studied and sung. Required attendance at scheduled performances is considered a part of the extended school day in order to receive proper grade and credit.



3 Trimesters, 3 Credits

Grade 9

Ninth Grade Band

This course is open to all 9th graders who are band students at the time of registration. Students are assigned to one of two equal ability 9th grade bands based on recommendation of the middle school band instructors. The students will attend rehearsals, lessons, and performances assigned to their band. There is a minimum of required practice outside of school for this class. Required attendance at scheduled concerts is considered part of the extended school day in order to receive proper grade and credit.



3 Trimesters, 3 Credits

Grade 9

Ninth Grade Band & Choir

This class is for students who would like to be in both band and choir in 9th grade. For a detailed course description, see the 9th grade choir and 9th grade band course descriptions.



3 Trimesters, 6 Credits

Grade 9

Symphonic Band & Concert Choir

This class is for students who have been accepted into both Symphonic Band and Concert Choir. For a detailed course description, see the Symphonic Band and Concert Choir course descriptions.



3 Trimesters, 6 Credits

Grades 10, 11, 12

Varsity Choir

This choir meets every day. It is similar to the 9th Grade Treble Choir, but for 9th-12th grade Tenors & Basses. Required attendance at scheduled concerts is considered part of the extended school day in order to receive proper grade and credit.



3 Trimesters, 3 Credits

Grades 10, 11, 12

MUSIC

Cantabile Choir

The choir meets every day. It is similar to the Concert Choir, but with literature for treble voices only and no tour. Required attendance at scheduled performances is considered part of the extended school day in order to receive proper grade and credit.

3 Trimesters, 3 Credits

Grades 10, 11, 12



Concert Choir

Concert Choir meets everyday, and offers a comprehensive choral program, which includes the development of performance skills through ensemble choral singing. A strong emphasis is placed upon the fundamental elements of choral music including written worksheets and individual assessments. Ear training and sight singing are a part of the curriculum as well. A wide selection of music literature from ancient chants to contemporary harmonies is studied and sung. Concert Choir takes a tour every other year. Required attendance at scheduled performances is considered part of the extended school day in order to receive proper grade and credit.

3 Trimesters, 3 Credits

Grades 10, 11, 12



Concert Band

The Symphonic Band performs high quality music at the intermediate and moderately advanced level. Students will be placed in this group at the teacher's discretion. Required attendance at scheduled concerts is considered part of the extended school day in order to receive proper grade and credit.

3 Trimesters, 3 Credits

Grades 10, 11, 12



Symphonic Band

The Symphonic Band is the highest level instrumental performing group at CIHS. This band performs a wide range of music at the highest level of difficulty. The students who are chosen from this band must be of the highest musical ability. Required attendance at scheduled concerts is considered part of the extended school day in order to receive proper grade and credit.

3 Trimesters, 3 Credits

Grades 10, 11, 12



Musical Theatre Exploration

This course is for the student who is interested in singing **and** acting or pursuing musical theatre outside of high school. Students will have individual and small group performing opportunities throughout the course. Students will receive individual feedback in their development in both singing and acting. Additional, students will deepen their understanding of the process of constructing, directing, choreographing musicals, as well as the history of musical theatre.

1 Trimester, 1 Credit

Grades 9, 10, 11, 12



MUSIC

Guitar 1

This introductory level course is designed to give students basic knowledge and performance skills on the guitar. Students will learn basic chording and melodic playing, and learn about a variety of guitar styles and techniques. This class is designed for the beginning guitar student. Students will be expected to perform in front of the class. Students will be expected to perform assessments for everybody in the class.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Guitar 2

A continuation of rhythmic and melodic playing from the prerequisite course, with an increased emphasis on ensemble work and performance. Students will be expected to perform assessments for everybody in the class.



1 Trimester, 1 Credit

Grades 10, 11, 12

Music Theory & Composition

This class is designed for the student who is considering a music major or minor in college, or is seriously interested in advanced music study. The course will include ear training, basic music theory, introductory studies of music composition, and basic arranging and orchestration.

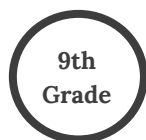


1 Trimester, 1 Credit

Grades 11, 12



PHYSICAL EDUCATION/HEALTH



Exercise Science (Phy. Ed.)
AND
Health

Requirements:



CHOOSE (at least) ONE:
Athletic Weightlifting & Performance Training
Nutrition & Fitness
Personal Fitness
Physical Educ. 10 - Recreational
Physical Educ. 10 - Competitive
Strength Training/Conditioning I
Strength Training/Conditioning II
Strength Training/Conditioning III
Water Sports



- Athletic Weightlifting & Performance Training
- Nutrition & Fitness
- Personal Fitness
- Physical Educ. 10 - Recreational
- Physical Educ. 10 - Competitive
- Strength Training/Conditioning I
- Strength Training/Conditioning II
- Strength Training/Conditioning III
- Water Sports
- Fall Activities
- Winter Activities
- Spring Activities

Exercise Science (Physical Education)

Students will be encouraged to increase their knowledge of physical fitness concepts and basic muscles along with their function. Students will become their own fitness trainer by self-assessing, goal setting, and developing a life-long fitness plan. Fitness plans will include approximately 3 days of cardiovascular and strength conditioning and 2 days of sport/leisure activities.

1 Trimester, 1 Credit

Grade 9

Health Education

The course will help students develop the skills and knowledge they will need to make healthy decisions regarding their personal health and the health of others. We will cover the biggest health issues in America today like: Relationships, mental health, nutrition and fitness, drugs and alcohol, first aid, CPR, and human sexuality. Students will learn the components of a healthy lifestyle and the skills it will take to be their own health advocate in the 21st century.

1 Trimester, 1 Credit

Grade 9



PHYSICAL EDUCATION/HEALTH

Nutrition and Fitness



This course will help you to take charge of your own wellness for life! In the nutrition section you will learn the relationship of food and fitness through the application of basic nutrition. Topics include food decisions, facts and fallacies about food and nutrition, basic nutrition information, wellness, meal planning, weight control, and special food needs. A personal diet analysis will be done using the computer. Labs that promote healthy dietary practices will also be included. The fitness section of the class will involve activities that could build toward fitness for life. The fitness section may include guest speakers, walking, jogging, Yoga, Pilates, aerobics, weight training, swimming, skiing, etc. The activities will be aimed at cardiovascular improvement and body composition awareness. Expect to be both outdoors and indoors

1 Trimester, 1 Credit

Grades, 9, 10, 11 12

Personal Fitness



Students will have the opportunity to set personal health and/or skill related fitness goals, and then explore a variety of non-competitive settings that may help them achieve these goals. Students will focus on improving physical fitness through cardio work, resistance training, yoga, possibly pool exercises, and much more. The course will reinforce the fitness concepts learned in Exercise Science.

1 Trimester, 1 Credit

Grades, 9, 10, 11 12

Athletic Weightlifting & Performance Training



This zero-hour course is designed for Cambridge-Isanti High School athletes looking to enhance their athletic performance through weightlifting and strength training. Students will learn proper lifting techniques, safety protocols, and sport-specific training methods to improve strength, endurance, agility, and overall fitness. The program will focus on individualized and team-based training plans tailored to support the demands of various sports. In addition to physical training, students will explore topics such as injury prevention, recovery strategies, and nutrition to optimize athletic performance. Through this course, students will develop discipline, confidence, and teamwork skills, contributing to their success both in and out of their sport. This course is ideal for student-athletes who want to maximize their athletic potential and build a strong foundation for long-term fitness.

Important Details:

- This is a zero-hour class that meets before the regular school day.
- **Session 1 6:30am-8:00am OR Session 2 7:45am-9:15am**
- Students must be able to provide their own transportation to participate.
- Students must be currently registered for a school sport to be eligible for this class.

Note: Participation in this course does not replace regular team practices but serves as a complementary training opportunity.

1 Trimester, 1 Credit

Grades, 9, 10, 11 12

Strength Training/Conditioning 1



An elective course that provides any student with an opportunity to learn basic strength and conditioning principles and develop the associated training, skills and techniques. Strength Training/ Conditioning 1 requires no prior training or experience, as the course is designed to meet the needs of the beginner as well as the experienced fitness enthusiast. This course will provide the student with the working knowledge and basic skills necessary to independently design and sustain a life-long fitness program.

1 Trimester, 1 Credit

Grades, 9, 10, 11 12



PHYSICAL EDUCATION/HEALTH

Physical Education 10 - Recreational

This course is designed for 10th grade students who enjoy being physically active and enjoy sports activity in a setting that focuses more on being active than on competition. Students will be encouraged to increase their knowledge of physical fitness concepts and sport and leisure activities. Students will become their own fitness trainer by self-assessing, goal setting, and developing a life-long fitness plan. Outdoor activities include the following: soccer, horseshoes/bocce ball, speedball, tennis, golf, field hockey, flag football, track and field, and softball. Indoor activities include the following: badminton, volleyball, table tennis, basketball, self- defense, bowling/curling, strength training, dance, and swimming.



1 Trimester, 1 Credit

Grade 10

Physical Education 10 - Competitive

This course is for 10th grade students who are motivated to improve their skills and who enjoy competition. Students will be encouraged to increase their knowledge of physical fitness concepts and sport and leisure activities. Students will become their own fitness trainer by self-assessing, goal setting, and developing a life-long fitness plan. Outdoor activities include the following: soccer, horseshoes/bocce ball, speedball, tennis, golf, field hockey, flag football, track and field, and softball. Indoor activities include the following: badminton, volleyball, table tennis, basketball, self- defense, bowling/curling, strength training, dance, and swimming.



1 Trimester, 1 Credit

Grade 10

Strength Training/Conditioning 2

Strength Training/Conditioning 2 is designed to build upon basic concepts/skills learned in Strength Training/Conditioning 1. Further development in training techniques/skills and further discussion in fitness-related issues are expanded upon and emphasized. Additionally, students will be required to create strength-training programs for individual athletic activities, and complete a research paper on related strength training and conditioning topics.



1 Trimester, 1 Credit

Grades 10, 11, 12

Strength Training/Conditioning 3

Strength Training/Conditioning 3 is designed to build upon basic concepts/skills learned in Strength Training/Conditioning 1 & 2. Further development in training techniques/skills and further discussion in fitness-related issues are expanded upon and emphasized. Additionally, students will be required to create strength training programs for individual athletic activities, and complete a final test summarizing Strength 1 and Strength 2.



1 Trimester, 1 Credit

Grades 10, 11, 12

Water Sports/Lifeguard Training

This class will cover the following activities: low organization games such water polo, water volleyball, snorkeling, underwater hockey, water kickball, water basketball and other organized activities that improve one's swimming skills. The second 1/2 of the course will cover rescue techniques, first aid skills, basic skin-diving techniques, small craft safety and experience in lifeguarding and related skills all of which can lead to American National Red Cross certification in lifeguard training (includes 1st aid, CPR and AED) upon completion and testing. Please note that students who complete the lifeguard training in water sports will have an opportunity to peer tutor/lifeguard to earn credit.



1 Trimester, 1 Credit

Grades 10, 11, 12



PHYSICAL EDUCATION/HEALTH

Fall Activities

Offered 1st trimester. Units could include: Soccer, Flag Football, Speedball, Tennis, Softball, Frisbee Golf, Field Hockey, Ultimate Frisbee, Aerobic Conditioning, and Outdoor Volleyball. You may also be required to do some officiating in this class. There will be a fee when the class goes to the bowling alley, curling or outdoor ice arena.



1 Trimester, 1 Credit

Grades 11, 12

Winter Activities

Offered Trimester 2. Units could include: broomball, snow football, snow soccer, cross country skiing, volleyball, basketball, aerobics, floor hockey, water polo, and bowling. You may be required to do some officiating in this class. There will be a fee when the class goes to the bowling alley, curling club or outdoor ice arena.



1 Trimester, 1 Credit

Grades 11, 12

Spring Activities

Offered Trimester 3. Units to include: Soccer, Flag Football, Speedball, Tennis, Softball, Frisbee Golf, Field Hockey, Ultimate Frisbee, Aerobic Conditioning, Outdoor Volleyball, Indoor Volleyball, Floor Hockey, Water Polo, and Basketball. You may also be required to do some officiating in this class. There will be a fee when the class goes to the bowling alley, curling club or outdoor ice arena.



1 Trimester, 1 Credit

Grades 11, 12



SCIENCE

6 credits of science are required for graduation.

Required Credits

9th Grade (2 Credits):

Earth Science
Space Science

10th Grade (2 Credits):

Biology 10 A & B

11th or 12th Grade (2 Credits):

Chemistry A & B

OR

Physics A & B

College Credit Options

9th Grade (2 Credits):

Earth Science
Space Science

10th Grade (2 Credits):

Honors Physics**
**optional

11th or 12th Grade (2 Credits):

College Biology A & B**
**credit in Biology needed
College Chemistry A & B**
**optional

Elective Options

- Astronomy
- Geology
- Large Wildlife Mammals
- Marine Science
- Outdoor Science: Fall, Spring
- Forensics
- Anatomy & Physiology
- Introduction to Taxidermy
- College Biology A, B, C
- College Chemistry A & B

Earth Science

This course is designed as an introduction to the dynamics of the Earth. It focuses on 9th grade MN Science Standards, which highlight rocks, minerals, plate tectonics, and how resources impact and are impacted by various Earth & human made factors.

1 Trimester, 1 Credit

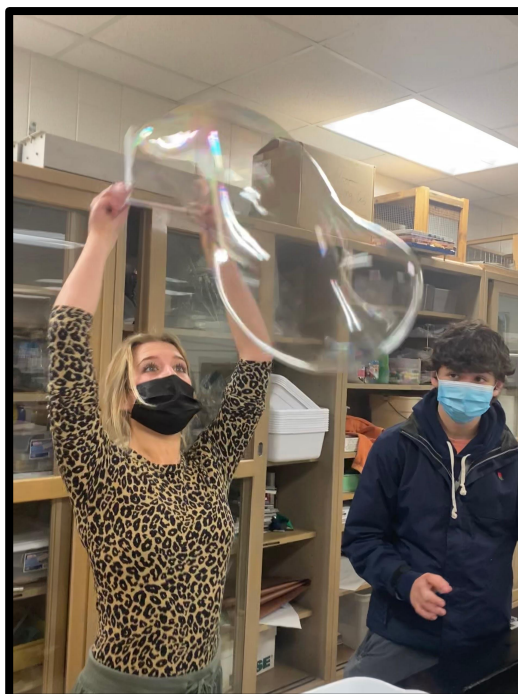
Grade 9

Space Science

This course focuses on the 9th grade science standards as they relate to the sky: both the atmosphere and space. Special consideration is given to how humans impact and are impacted by these items.

1 Trimester, 1 Credit

Grade 9



SCIENCE

Biology A & B

Biology students will develop laboratory skills involved in the use of the microscope and those involved in accurate observation, reporting, and interpreting experiment information using the scientific method. Topics that are studied include: cell theory, the structure and function of cells, cell division, respiration and photosynthesis, genetics, natural selection, basic ecology, population studies, and organ systems

2 Trimesters, 2 Credits

Grades 10, 11, 12

Chemistry A & B

Chemistry is the study of the composition of matter and the changes that occur in the composition of matter. The topics covered are: the structure of the atom, chemical bonding, reaction and reaction prediction, quantities involved in reactions, energy of reactions, chemical equilibrium, and nuclear reactions.



2 Trimesters, 2 Credits

Grades 10, 11, 12

Physics A & B

Physics A & B will look at physics through investigations, hands-on activities, and explorations into topics including motion, forces, energy, heat, field forces, electromagnetism, and waves. An emphasis will be placed on helping students build a foundation for evaluating evidence, making valid claims, using critical thinking skills, and synthesizing information from a variety of sources.



2 Trimesters, 2 Credits

Grades 10, 11, 12

Honors Physics A & B

Honors Physics A & B will look at physics through investigations, hands-on activities and exploration into topics including motion, forces, energy, heat, field forces, electromagnetism, waves, and quantum mechanics. Students will enhance their capabilities to evaluate evidence, make valid claims, use critical thinking skills, and synthesize information from a variety of sources.

**The course is part of the CIHS science "advanced path" and students planning to take College Biology and/or College Chemistry should register for this course instead of Biology in 10th grade.*



2 Trimesters, 2 Credits

Grades 10, 11, 12

Prerequisite Course(s):

- Earth Science
- Space Science
- Geometry



SCIENCE

Astronomy

In this course, students will explore the fundamental components of our solar system and beyond, focusing on the sun, moon, and planets. Through a combination of theoretical learning and hands-on activities, students will investigate the processes that govern the behavior of these celestial bodies, including the physics of light, gravity, and orbital mechanics. The course will also cover stellar anatomy, examining the life cycle of stars from formation to death, as well as the processes that drive their energy production. Additionally, students will gain an understanding of how these cosmic phenomena impact life on Earth and the broader universe. By the end of the course, students will have a deeper appreciation for the intricate relationships that shape the universe around us.



1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):

- Earth Science
- Space Science

Geology

In this course, students will dive into the fascinating world of geology, studying the composition, formation, and identification of rocks and minerals. The curriculum will cover the essential processes that shape Earth's surface, including plate tectonics, mountain building, and the dynamic forces behind earthquakes and volcanoes. Students will explore how Earth's lithospheric plates interact and how these interactions lead to the formation of mountain ranges, volcanic activity, and seismic events. The course will also include a study of mining practices and the extraction of natural resources, examining their environmental impact and importance in modern society. Through hands-on activities and real-world applications, students will gain a comprehensive understanding of Earth's geological processes and their role in shaping the planet.



1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):

- Earth Science
- Space Science

Large Wildlife Mammals

This is an environmental education course on the large mammals of Minnesota. The focus is mainly on the whitetail deer, black bear, moose and gray wolf. This activity-oriented course will require that students be willing to participate in group and individual activities. Emphasis will be on wildlife management strategies including hunting, stocking, trap and transplant, radio telemetry, winter feeding, etc. This class would be good for anyone going into the conservation or environmental field or those who want a greater appreciation for wildlife and conservation.



Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):
Earth Science, Space Science

Marine Science

This course includes a review of ocean structures, ocean basins, properties of ocean water, ocean movements (current, tides, and waves), and ocean ecosystems. We will investigate marine animals through a series of projects, labs, dissections, and hands-on activities. We also have the opportunity to visit MN Sea Life to see real life ocean organisms. Just because we do not live near the ocean, doesn't mean can't learn about it!



1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):
Earth Science, Space Science



SCIENCE

Outdoor Science: Fall

This course will challenge you to get outside and experience science! It emphasizes outdoor fieldwork and hands-on experience. Possible topics include, but are not limited to; General Ecology and research methods, Animal Population studies and Small Mammal Trapping, Camera Trapping, Tree Identification, Outdoor Navigation and Survival, Stream and Water Studies, and a Research Study option that will include a possible taxidermy project. This course will always be offered trimester 1 in the fall.



1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):
Biology A

Outdoor Science: Spring

This course will focus on outdoor field work and hands-on experiences. It will get students outside as much as possible to experience the outdoors while doing science research! A few of the topics will include, but are not limited to: Winter Ecology and research methods, MN animals in Winter, Maple Syrup Collection, Animal Behavior and Red Wing Blackbird study, Invasive Species, Conservation and Outdoor Education, and MN Edible Plants. This course will conclude with a Research Study option for students to complete a project in an area that they are most interested in.



1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):
Biology A

Forensics

Forensic Science is an introduction to the science of crime scene investigation. The course integrates the applications of biology, chemistry, physics, and environmental science to explore the field of criminalistics. In addition, students will perform historical case studies and survey careers in forensic science. Laboratory activities including fingerprinting, toxicology, hair/fiber analysis, soil decomposition and blood analysis will give students the opportunity to demonstrate forensic science techniques presented in lecture.



1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):
Biology A

Introduction to Taxidermy

This course is designed for students with an interest in wildlife and art. Basic taxidermy techniques will be taught for birds, fish, and small mammals. Students will learn how to skin, mount, and position specimens in lifelike poses. Students will have a materials fee of \$15 to cover basic supplies. Students will have to provide a practice bird (pigeon, crow or pheasant) on the third day of class. If a student cannot provide a bird, a pheasant can be provided from a game farm at an additional fee based on the current rate.



1 Trimester, 1 Credit

Grades 11, 12

Prerequisite Course(s):
Biology A



SCIENCE

Anatomy & Physiology: *Brains, Bones, Muscles, Skin*

This course is designed for students interested in medical, nursing, veterinary or any other health related career. We will explore the Skin, Skeletal, Muscular, Nervous and Respiratory Systems using a hands on approach. Students will actively apply their learning through practicing suture techniques, working with real bones, building muscles from clay, dissecting a brain and an eye and many more in class activities.



1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):
Biology A

Anatomy & Physiology: *Heart & Circulation, Internal Organs, Immune Response, and Embryo Study*

This course is a continuation of Anatomy & Physiology 1 and designed to help students understand human body systems and functions. It is designed for students interested in health related careers. We will investigate the Cardiovascular, Immune, Urinary, Digestive Systems, as well as Pregnancy and Childbirth. Students will learn to take blood pressure, perform heart and kidney dissections, perform urinalysis, and an embryology study by hatching baby chicks.



1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):
Biology A

College Biology A & B

This course provides a comprehensive introduction to Biology. The material, labs and pace of the course are at the college level. Topics covered will be the same as in Biology A and B, however the depth and speed at which they are covered will be more intense. This will allow students to experience advanced labs with higher level thinking, including DNA fingerprinting and Transgenic bacteria.



2 Trimesters, 2 Credits

Grades 11, 12

Prerequisite Course(s):
2.6+ GPA

College Chemistry A & B

College Chemistry is the in-depth study of the composition of matter and the changes that occur in the composition of matter. The topics covered are: Atoms, Molecules and ions, Electronic Structure and Periodic Properties, Chemical Bonding and Molecular Geometry, Advanced Theories of Bonding, Composition of Solutions, Stoichiometry, Gases, Thermochemistry, Liquids and Solids. One field trip to Bethel University is required during the courses and will involve labs conducted at the Bethel facilities.



2 Trimesters, 2 Credits

Grades 11, 12

Prerequisite Course(s):
2.6+ GPA

College Biology C/Environmental Science

This is an optional course for students who are registering for College Biology A and B. It is a one trimester course offered in the spring with a focus on Environmental Science. This course offers a more in depth look at the characteristics and dynamics of ecosystems. Students will explore the effects of the increasing and changing human demands on our environment and examine the roles of environmental ethics and justice in society. This course will include environmentally based lab experiences.



1 Trimester, 1 Credit

Grades 11, 12

Prerequisite Course(s):
2.6+ GPA

SOCIAL STUDIES

Class of 2026 & 2027 Requirements:

8 total credits of Social Studies are required for Graduation

Required Credits

11th Grade (2 Credits):

U.S. History A & B

Elective Credits (2 Credits):

Elective courses can be taken in grades 10-12

Ensure 9th/10th Grade Requirements are Met:

- Economics
- Civics
- World History/Geography A & B (or college equivalent)

College Credit Options

11th or 12th Grade (4 Credits):

College World History A & B
College U.S. History A & B

Elective Credits (2 Credits):

Elective courses can be taken in grades 10-12

Elective Options

- Human Geography
- Political & Economic Worldviews
- Psychology
- Sociology
- AP US Government & Politics
- College World History
- College U.S. History
- College Geography
- College Economics

Class of 2028 and Beyond Requirements:

8 total credits of Social Studies are required for Graduation

Required Credits

9th Grade (2 Credits):

Geography
Introduction to Social Sciences

10th Grade (2 Credits):

World History A & B

11th Grade (2 Credits):

U.S. History A & B

12th Grade (2 Credits):

Civics
Economics

College Credit Options

9th Grade (2 Credits):

Geography
Introduction to Social Sciences

10th Grade:

Taking electives recommended

11th Grade (at least 3 Credits):

College U.S. History A & B
and
College Economics

12th Grade (3 Credits):

College World History A & B
and
Civics

Elective Options

- Human Geography
- Political & Economic Worldviews
- Psychology
- Sociology
- AP US Government & Politics
- College World History
- College U.S. History
- College Geography
- College Economics

Personal Finance

is REQUIRED for
students in
Graduation year 2028
and beyond.

Geography 9

Geography 9 will study the themes of geography with a focus on the physical geography of various places in the world. Multiple characteristics of these places will be explored. Students will experience a variety of methods to learn important geographical concepts from around the globe.

1 Trimester, 1 Credit

Grade 9

Intro to Social Sciences

Introduction to Social Sciences will study important concepts in the areas of Psychology, Sociology, Political Science, and Anthropology. Some areas of focus include understanding your life experiences, learning how to belong to a community, and development of critical thinking and reasoning skills. This course will prepare you for future life experiences and future courses in your High School career.

1 Trimester, 1 Credit

Grade 9



SOCIAL STUDIES

World History A & B

World History A will cover 4000 years of human history while emphasizing geographic themes. The history and geography of four major areas of the world are emphasized; Europe, The Americas, Asia, and Africa.

2 Trimester, 2 Credits

World History B includes numerous creative activities including; debate & small group discussion, a mock trial, video production, podcasting, and speaking in front of the class. This course covers everything from World Exploration to the Cold War.

Grade 10

U.S. History A & B

US History A will survey the history of the United States beginning with Pre-Colonial, Declaration of Independence, and the Constitution. The Civil War will be reviewed as well as Western expansion, Native American influence and the start of the 20th Century. Other topics include industrial growth, urbanization, social and political reform, and World War I. Current events, discussions, mature classroom participation, and homework are part of good social studies skills incorporated within this history course.

2 Trimester, 2 Credits

Grade 11

US History B emphasizes modern America starting with the 1920's. Other important topics include: Great Depression and the New Deal, World War II, social changes of the 50's & 60's, domestic and some foreign conflicts, and major decisions of our modern day Presidents. Students will move into the 21st century with an emphasis on how society changes. Current events, discussions, mature classroom participation, and homework are part of good social studies skills incorporated within this history course.

Personal Finance

The average person will earn over a million dollars in his/her lifetime. Using an informed decision- making process could make the most of one's total life's financial assets. Emphasis of this course is placed on the importance of investing for the young person. Knowledge of insurance, credit, consumer rights, checking accounts, savings accounts, loans, income tax, and household budgets will also be studied. Computer knowledge is helpful.

1 Trimester, 1 Credit

Grade 10, 11, 12



SOCIAL STUDIES

Human Geography

This course will examine the geographic make-up of our planet, the Earth's active processes, and how the Earth's physical features influence human behavior. Students will study how different societies gain and use resources and how access to resources can lead to conflict and tension. This course will include an introduction to geography, physical geography, human geography, and explore how these topics play out in specific regions in our world. Students will examine the impact geography has on history, culture, economics and politics with the goal of improving student geographic literacy, critical thinking, and problem-solving skills - all of which better prepare students for the challenges of an increasingly interconnected global community.



1 Trimester, 1 Credit

Grades 10, 11, 12

Political & Economic Worldviews

This course will allow you to investigate how the world works and understand where you and your ideas fit. You will examine yours and other's perspectives on issues that the world is facing such as poverty, military action, international relations, human rights, and more. Economic ideas ranging from how to make a budget to who gets the stuff a country produces will be examined. You will experience the process of developing your own position on these ideas rather than just learn about them to include completing a campaign simulation, developing your own company, virtually touring other countries, and creating various projects.



1 Trimester, 1 Credit

Grades 10, 11, 12

Psychology

Psychology deals with all aspects of human behavior. Studying one's own personality will be emphasized. Topics include the scientific method, memory, personality shaping, states of consciousness, human emotion, and abnormal behavior. Theories of human behavior and general psychological principles will be examined. Students will complete a psychological study of their own.



1 Trimester, 1 Credit

Grades 10, 11, 12

Sociology

Sociology will give you the chance to explore your imagination in developing a deeper understanding of why people behave the way they do. Topics of interest include how perspective changes the way you interpret other's behavior, the difficulties of adolescent life, how to transition from adolescence to adulthood, and trying to understand the behavior of your friends, family, coworkers, and others. You will experience doing Sociology versus just learning about it through activity based projects, group simulations, and conducting a sociological investigation of your own design in which you will explore, study, and attempt to explain some facet of human behavior.



1 Trimester, 1 Credit

Grades 10, 11, 12

Advanced Placement (AP) U.S. Government & Politics

This course focuses on the functions and duties of the three branches of government, which are the legislative, executive, and judicial. Special attention is given to political participation, the rights and responsibilities of citizenship, and the government systems of the world focusing on the American citizens' role and responsibility within it. The class moves at a faster pace than the traditional academic course and has the opportunity to take the Government CLEP exam to receive college credit upon completion and passage of the exam.



1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):

• 2.6+ GPA

SOCIAL STUDIES

College Geography



College Geography is designed for the highly motivated, upper level, college bound student. It will be rigorous and accelerated and will focus on the Six Broad Competencies based on Minnesota State University Guidelines for Geography. These guidelines are synthesized to parallel the “learner outcomes” written by the geography department at St. Cloud State University. This course will focus on the interaction of physical and cultural phenomena of selected geographic realms of the world. *Three college semester credits are earned at St. Cloud State University when the student completes this course. It should be noted that this college geography course satisfies the semester geography requirement for the Minnesota State University System. Students planning to attend State Universities in Minnesota are required to complete a high school/college geography course in order to meet an entrance requirement.

1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):

- 3.2+ GPA (or Appeal to SCSU)

College Economics

Introduction to Economics covers the two broad fields of economics: microeconomics and macroeconomics. Microeconomics is the study of decisions made by consumers, businesses and other individuals typically within the context of markets and the outcomes of these decisions, especially as they relate to the determination of prices. Macroeconomics is the study of the economy as a whole, the general level of economic activity as measured by GDP, and other variables such as inflation and unemployment, and how government policy affects these variables.

With successful completion of this course, 3 college semester credits are earned through ARCC.

1 Trimester, 1 Credit

Grades 11, 12

Prerequisite Course(s):

- 2.6+ GPA

College U.S. History A & B

College U.S. History A : This course is a survey of U.S. History to about 1876 including such topics as indigenous peoples, exploration, colonial times, the American Revolution and Constitution, the young republic, growth of democracy, territorial expansion, slavery, Civil War, and Reconstruction. College U.S. History B: Survey of U.S. history from about 1877-present including such topics as industrialization, Populist protest, U.S. imperialism, progressivism, the Great War, the Great Depression, the New Deal, WWII, and the post-war era.

Along with examining historical changes, this course is designed to improve your skills to acquire and synthesize information while making objective conclusions that may transform your outlook that transcends this span of American History.

With successful completion of this course, 8 college semester credits are earned through ARCC.

2 Trimesters, 2 Credits

Grades 11, 12

Prerequisite Course(s):

- 2.6+ GPA

College World History A & B

College World History A: Modern World Civilizations I: 1500-1870 : This course is a survey of world civilizations from about 1500-1870 emphasizing major historical transformations and processes that have shaped the interrelated global experience. Topics include Reformation, colonization, mercantile imperialism, Enlightenment, the French Revolution, 19th Century Liberalism, industrialization, urbanization, socialism, and nationalism as they have affected life in Europe, the Middle East, Asia, South America, and Africa.

College World History B: Modern World Civilizations II: 1870 to the Present : This course is a survey of world civilizations from about 1870 to the present emphasizing major historical transformations and processes that have shaped the global experience. Topics will include capitalism and imperialism, social turmoil in the West, Russian Revolution, World War I, totalitarianism, world depression, World War II, the Cold War and neo-imperialism, decolonization and globalization, as they have affected life in Europe, the Middle East, Asia, South America and Africa.

With successful completion of this course, 8 college semester credits are earned through ARCC.

2 Trimesters, 2 Credits

Grades 11, 12

Prerequisite Course(s):

- 2.6+ GPA



TRADES & INDUSTRY

Woods CNC & Laser

This course offers a hands-on exploration of CNC and Laser technologies, focusing on projects like CNC signs, cribbage boards, laser-LED acrylic signs, and laser-etched drinking glasses, among others. Students will gain a comprehensive understanding of CNC and Laser programming, enabling them to create and realize their own unique designs. Given the current high demand for CNC programmers, this course provides valuable skills for potential careers in the trades and manufacturing industries. Moreover, students will delve into key standards of technological literacy including design attributes, engineering design, troubleshooting, application of the design process, and maintenance of technological products and systems. This course equips students with a solid foundation for a diverse range of professional pathways. *Students will have the opportunity to earn a NC3 Tormach CNC certification.*



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Prerequisite Course(s):

- Intro to Woodworking

Computer Aided Drafting & Design (CAD)

Before you can build something, you must first be able to design it on a computer. This introductory course is designed to familiarize students with the basics of Computer-Aided Drafting (CAD) and its applications in various fields such as engineering, robotics, welding, machining, and woodworking. Students will learn to create, modify, and interpret 2D and 3D digital drawings using 3D solid modeling CAD software. Emphasis will be placed on developing technical drawing skills, understanding design concepts, and gaining proficiency with CAD tools and commands. Throughout the course, students will: Learn the fundamentals of the CAD software OnShape, including navigation, drawing tools, and file management; Develop skills in creating basic geometric shapes, layouts, and assemblies; Explore 3D modeling techniques and understand the difference between 2D and 3D drafting; Understand and apply drafting standards, dimensioning, and notation to ensure accuracy and clarity in drawings; Complete a variety of hands-on projects, including creating technical drawings and simple 3D models; Gain an understanding of how CAD is used in real-world design, construction, and manufacturing processes.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Automotive Courses:

Small Engines/Power Sports

Small engine class is designed to provide students and aspiring technicians with practical information about small gas engine theory, construction, operation, lubrication, maintenance, troubleshooting, service, rebuilding and repair. This course will cover four stroke engines from 2-20 hp from snow blowers, lawn mowers to ATV's. We will also cover two stroke engines from snowmobiles, trimmers and outboards. Students are encouraged to bring in their own engines for disassembling and repair. In addition, a variety of engine types from a wide range of manufacturers are presented.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Autos 1

Are you interested in maintaining your future or present automobile? You probably will own a vehicle most of your life. Can you figure out what to do when your brakes squeak, car won't start, or how to change oil? How is your consumer knowledge about owning a vehicle? Answers to these and other questions you may have about owning and maintaining your vehicle are the main part of this course. Activities include performing basic repairs, changing parts, and using mechanics tools and equipment to perform required maintenance.



1 Trimester, 1 Credit

Grades 10, 11, 12

Autos 2

This course is for students who want to further explore how to test, diagnose, and repair a vehicle or prepare for a post-secondary Automotive school. Some of the work we will explore in this advanced class will include; Automotive careers, Safety, Automotive measurements, Electric Engines, On Board Diagnostics, Fuel Systems, Steering Systems, Brake Systems, and Cooling systems. If you're looking to further your knowledge in the Automotive repair field, this class is for you.



1 Trimester, 1 Credit

Grades 10, 11, 12

Prerequisite Course(s):

- Autos 1

TRADES & INDUSTRY

Machining & Manufacturing Courses:

Machining & Manufacturing Process 1

This is an introductory course in basic metal working which opens the door to the broad field of the metals industry. Units covered during the trimester will include shop safety, use and care of hand tools, precision measurement, common metals, sheet metal fabrication, and metal working machines. Time will be provided for the construction of metal projects throughout the semester.



1 Trimester, 1 Credit
Grades 9, 10, 11, 12

Machining & Manufacturing Process 2

This course builds on the skills learned in Machining & Manufacturing Process 1. Emphasis on precision measurement, blueprint reading, lathe, milling, surface grinding, math concepts and metallurgy will be covered. Students will also be introduced to CNC programming and will complete several projects using computer-controlled equipment. Course outcomes will be achieved by construction of metal projects.



1 Trimester, 1 Credit
Grades 10, 11, 12

Prerequisite Course(s):

- Machining & Manufacturing Process 1

Advanced Manufacturing Program (AMP)

AMP is a dynamic, career-focused program that combines paid internships in manufacturing and trades with classroom learning to help students develop the skills needed for success in high-demand industries. Students will work directly with industry professionals in fields such as manufacturing, welding, machining, electrical work, and carpentry, gaining hands-on experience while earning income. In addition, students will attend classes that focus on key employability skills like communication, teamwork, and time management, and will receive OSHA 10 certification to ensure workplace safety knowledge. This course provides a unique opportunity to build a strong foundation for a career in the skilled trades, equipping students with both practical experience and industry-recognized credentials.

AMP Seminar (year long - 3 credits)* and AMP Internship (year long internship - 3 credits)*



3 Trimesters, 6 Credits
Grades 11, 12

Prerequisite Course(s):

- Welding 1 OR
- Introduction OR
- Woodworking OR
- Machining & Manufacturing Process 1



TRADES & INDUSTRY

Woodworking Courses:

Introduction to Woodworking

This course offers an introduction to woodworking and the manufacturing process. Throughout the trimester, students will complete 4-5 projects, each designed to instill safety awareness and proficiency in equipment operation. Basic design principles and drafting a bill of materials will be introduced. Students will proudly take home their finished projects. Additionally, students will gain hands-on experience with CNC and Laser engraving machines. Additionally, students have the opportunity to earn technical college credit.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Cabinetry & Furniture

This course offers an engaging introduction to the world of furniture craftsmanship. Students will have the opportunity to select from a range of projects including crafting an Adirondack chair or a desk, or designing a custom furniture piece. Throughout the course, students will refine their design skills, learn efficient material procurement, and explore safety protocols, wood characteristics, and traditional as well as modern joining techniques. Additionally, students have the opportunity to earn technical college credit.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Prerequisite Course(s):

- Introduction to Woodworking

Construction Trades

This course provides students with an introductory look at the construction industry by building gambrel style sheds. Students will get the opportunity to learn things such as framing, construction math, roof & floor design, siding, as well as many other construction processes with the use of both hand tools and power tools.



1 Trimester, 1 Credit

Grades 11, 12

Prerequisite Course(s):

- Introduction to Woodworking

Vocational Woodworking A & B

In this dynamic class, students will engage in collaborative projects such as crafting canoes, stand-up paddleboards, hockey lockers, and more. This course places a strong emphasis on honing craftsmanship skills, with a focus on using jigs, adopting assembly line techniques, and perfecting finishing carpentry. Furthermore, students will have the opportunity to participate in SkillsUSA competitions, showcasing their woodworking proficiency on a broader stage. This course provides a comprehensive experience for advanced woodworking students, allowing them to refine their abilities and embark on ambitious, hands-on projects. Additionally, students have the opportunity to earn technical college credit.



2 Trimesters, 2 Credits

Grades 11, 12

Prerequisite Course(s):

- Intro to Woodworking



TRADES & INDUSTRY

Welding Courses:

Welding 1 (Beginning Welding Processes)

This course will include the study and application of Arc welding, MIG welding, and Tig welding. Practice with different welding processes, electrode selection, and welding joints will be covered in detail. Cutting operations using an Oxy-acetylene torch and plasma cutter will be used. The safe operation of hand and power tools will be emphasized.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Welding 2 (Advanced Welding Processes)

This course will build on the skills learned in Welding 1. New topics introduced in Welding 2 will include: vertical and overhead welding, aluminum and stainless steel welding, flux-core welding and Spray MIG welding. Blueprint reading and welding symbols will be taught in depth. Students will be encouraged to compete in state welding competitions.



1 Trimester, 1 Credit

Grades 9, 10, 11, 12

Prerequisite Course(s):

- Welding 1

Vocational Welding A, B, C

Careers in the welding field are abundant. The technology of today requires that a welder be better trained with a broader range of skills. This class will take tours of industry, explore career opportunities, and prepare you in advanced welding skills necessary for entry-level jobs or for continuing your education after graduation. You will learn techniques and procedures for properly welding steel of different thickness, aluminum, stainless steel, and other metal alloys. The techniques of welding difficult joints and positions will provide you with the ability to tackle all types of welding tasks, and make all welding jobs easier. The training you will receive includes experience with: arc, gas, MIG, flux-cored MIG, TIG, automatic track cutting torch, CNC-cutting, and both manual and automatic plasma torch. Metallurgy, blueprint reading, welding symbols and related math will be strongly emphasized. Electrode classifications and weld testing are also covered in depth. You will be given the chance to apply your skill by building projects using blueprints and sketches. Work orders for repair work will be available for students looking for a "real" challenge. As an additional incentive or opportunity, you can test out your skills at the State Welding Competition. Our welding students have had a history of winning these events.



3 Trimesters, 3 Credits

Grades 11, 12

Prerequisite Course(s):

- Welding 1



WORK BASED LEARNING

Students are accepted into this program by referral. Teachers, counselors, and principals are the key referral source for selection of work experience participants. The Work Based Learning Program is a pre-vocational program in which the student receives credit for on-the-job work experiences. Each student is required to complete the required academic courses toward graduation and a related career seminar in addition to the work portion of their day.

Career Seminar and Work Experience/OJT must be taken together.

Career Seminar 1

Course Description: Students participate in this class as members of a group. The group becomes involved in the study of self-worth, career exploration, human relations, decision-making, employability skills, job proficiency and attitude development. The responsibility of maintaining passing grades and a positive attitude is important in order to stay in the course and the work release program.

This class must be taken along with Work Experience/OJT

3 Trimesters, 3 Credits

Grade 11, 12

Career Seminar 2

Course Description: In this course will Identify educational requirements for career opportunities of personal interest and will complete personality, interests, and aptitude inventories. Students will create a living "Linkedin" style resume which can be updated as they progress through their career. They will work with the teacher and their supervisors to create an individual learning plan for their chosen work/life path. The responsibility of maintaining passing grades and a positive attitude is important in order to stay in the course and the work release program.

This class must be taken along with Work Experience/OJT

3 Trimesters, 3 Credits

Grade 12

Prerequisite:

• **Career Seminar 1**

Work Experience/OJT (On the Job Training)

Course Description: Students are offered release time from school to maintain a part-time job within the community. They will be able to apply their classroom studies in an actual employment setting. The work experience is offered to help each student develop those personal qualities, attitudes, and habits that are necessary to be successful on the job. Students enrolled in this class actually apply their classroom instruction to an employment situation related as closely as possible to their tentative career selection. Each work location must be approved by the work coordinator as a suitable training station.

This class must be taken along with the Career Seminar 1 or Career Seminar 2.

3 Trimesters, 3 Credits

Grade 11, 12



WORLD LANGUAGES

Spanish 1 A & B

Students must pass Spanish 1A to continue with Spanish 1B

In this course, emphasis is placed on building vocabulary and learning basic grammatical structures through speaking, listening, reading and writing activities. Traditional Hispanic customs and holidays are explored. This course requires a lot of memorization.

2 Trimesters, 2 Credits

Grades 9, 10, 11, 12



Spanish 2 A & B

Students must pass Spanish 2A to continue with Spanish 2B

This class is an extension of Spanish 1. There is an increased study of vocabulary and grammatical structures through speaking, listening, reading and writing activities. Students write short compositions in the Spanish language. Students continue studying cultural customs.

2 Trimesters, 2 Credits

Grades 9, 10, 11, 12

Prerequisite Course(s):

- Spanish 1 A & B



Spanish 3 A & B

Must register for A & B and must pass Spanish 3A to continue with Spanish 3B

This class is an extension of Spanish 2 with continued practice of speaking, listening, reading and writing activities. Emphasis is placed on the study of advanced grammar. Students will continue to examine Hispanic culture. The class will be conducted mostly in Spanish.

2 Trimesters, 2 Credits

Grades 9, 10, 11, 12

Prerequisite Course(s):

- Spanish 2 A & B



Spanish 4 A & B

Must register for A & B and must pass Spanish 4A to continue with Spanish 4B

The class is an extension of Spanish 3 with continued practice of speaking, listening, reading and writing activities. More time will be spent on short story readings and development of speaking skills. Students will continue to examine Hispanic culture. Class is conducted mostly in Spanish.

2 Trimesters, 2 Credits

Grades 9, 10, 11, 12

Prerequisite Course(s):

- Spanish 3 A & B



Ojibwe Language & Culture

Course Description: Students taking this course will utilize an online learning platform designed by the Mille Lacs Band of Ojibwe to help students learn about Ojibwe language and culture. Introduction to Ojibwe will immerse students in learning about the deeply interconnected Ojibwe language, cultures, and traditions. As a result of taking this course students will not only learn vocabulary, grammar, and pronunciation related to Ojibwe language, but also the cultural history, meaning, and the continuing connections that language holds for the Ojibwe people and culture.

1 Trimester, 1 Credit

Grades 9, 10, 11, 12



WORLD LANGUAGES

German 1 A & B

Must register for A & B and must pass German 1A to continue with German 1B

Course Description: In this course emphasis is placed on reading and writing, listening and speaking. Vocabulary and basic grammatical structures are learned. Christmas customs, different holidays, music and geography are introduced. This course requires a lot of daily work and memorization. This course uses an online textbook.

2 Trimesters, 2 Credits
Grades 9, 10, 11, 12



German 2 A & B

Must register for A & B and must pass German 2A to continue with German 2B

Course Description: This class is an extension of German 1 with continued study of vocabulary and grammatical structures. More emphasis is placed on speaking the language. Students will study how German people live, eat, travel and socialize. Students write paragraphs and short compositions in the target language. This course uses an online textbook.

2 Trimesters, 2 Credits
Grades 9, 10, 11, 12

Prerequisite Course(s):
• German 1 A & B



German 3 A & B

Must register for A & B and must pass German 3A to continue with German 3B

Course Description: German 3 offers students the opportunity to read and discuss contemporary short stories, poetry and learn advanced grammar. This class will be conducted mostly in German.

College in the Schools: Qualifying juniors and seniors may earn five University of Minnesota credits, as well as high school credit. Students should see the German teacher for the required forms. College credit will only be available with sufficient enrollment.

2 Trimesters, 2 Credits
Grades 9, 10, 11, 12

Prerequisite Course(s):
• German 2 A & B



German 4 A & B (Hybrid)

Must register for A & B and must pass German 4A to continue with German 4B

Course Description: Course curriculum will emphasize practical communication skills in German through a focus on contemporary issues in German-speaking countries. Class will be conducted mostly in German.

College in the Schools: Qualifying juniors and seniors may earn five University of Minnesota credits, as well as high school credit. Students should see the German teacher for the required forms. College credit will only be available with sufficient enrollment.

2 Trimesters, 2 Credits
Grades 9, 10, 11, 12

Prerequisite Course(s):
• German 3 A & B



Department & Course Index

This section is primarily used by staff to identify courses and course codes within our Student Information System (Skyward).

Students and Families:

Please refer to the department pages for course and graduation planning

ART

Course Title	Prerequisite	Grade(s)
Drawing	None	9, 10, 11, 12
Painting	None	9, 10, 11, 12
Printmaking	None	9, 10, 11, 12
Sculpture	None	9, 10, 11, 12
Digital Photography	None <i>This course is a Hybrid course and the syllabus will include requirements and expectations unique to Hybrid courses</i>	11, 12
Ceramics	None	12

BUSINESS

Course Title	Prerequisite	Grade(s)
Introduction to Business	None	9, 10, 11, 12
Marketing	Introduction to Business	10, 11, 12
Accounting 1	Introduction to Business	10, 11, 12
Accounting 2	Introduction to Business and Accounting 1	10, 11, 12
Personal Finance <i>(formerly Personal Money Management)</i>	None	10, 11, 12
Starting Your Own Business	Introduction to Business	11, 12

COMPUTER

Course Title	Prerequisite	Grade(s)
IT Exploration	None	9, 10, 11, 12
Computer Applications/ Digital Citizenship	None	9, 10, 11, 12
Video Productions	None	10, 11, 12
Graphic Design	IT Exploration	10, 11, 12
Video Game Design	IT Exploration	10, 11, 12



Department & Course Index

ENGLISH

Course Title	Prerequisite	Grade(s)
English 9 A & B	None	9
English 10 A & B	None	10
AP Language/Composition A & B <i>*College credit possible with qualifying AP test score</i>	2.6 GPA or higher	10
AP Literature/Composition A & B & C <u>College Credits Awarded in:</u> -College Intro to Literary Studies -College Poetry <i>** (Concurrent College Credit)</i>	2.6 GPA or higher	11, 12
College Writing & Critical Reading A & B <i>*Concurrent College Credit</i>	2.6 GPA or higher	11, 12
Exploring Humanity through Literature & Film	None	11, 12
Social Change and Responsibility	None	11, 12
Survival and Adventure Literature	None	11, 12
Detective Literature & True Crime	None	11, 12
Mythology and Classical Literature	None	11, 12
Nonfiction Inspiration	None	11, 12
Real World Speaking	None	11, 12
Real World Writing	None	11, 12
College Public Speaking <i>*Concurrent College Credit</i>	2.6 GPA or higher	11, 12
Journalistic Writing	<i>*offered every other year, including 2025-26*</i>	9, 10, 11, 12
Science Fiction	<i>*offered every other year, including 2025-26*</i>	9, 10, 11, 12
Speech - Literature in Performance	<i>*offered every other year, including 2025-26*</i>	9, 10, 11, 12
Acting	<i>*offered every other year, including 2026-27*</i>	9, 10, 11, 12
Creative Writing	<i>*offered every other year, including 2026-27*</i>	9, 10, 11, 12
Literature & Live Theater	<i>*offered every other year, including 2026-27*</i>	11, 12
Technical Theater	<i>*offered every other year, including 2026-27*</i>	9, 10, 11, 12

Department & Course Index

FAMILY & CONSUMER SCIENCES

Course Title	Prerequisite	Grade(s)
Introduction to Family & Consumer Science	None	9
Apparel Construction & Design 1	None	9, 10, 11, 12
Child Development	None	9, 10, 11, 12
Foods 1	None	9, 10, 11, 12
Quilting Arts 1*	None	9, 10, 11, 12
Quilting Arts 2*	Quilting Arts 1	9, 10, 11, 12
Early Childhood Education A & B	B or higher in Child Development	9, 10, 11, 12
Career and Life Development <i>*Recommended to take in 10th Grade</i>	None	10*, 11, 12
Housing & Interior Design*	None	10, 11, 12
Personal Finance (<i>formerly Independent Living</i>)	None	10, 11, 12
Apparel Construction & Design 2*	Apparel Construction & Design 1	10, 11, 12
Fashion Design*	Apparel Construction & Design 1 <i>is recommended before taking Fashion Design</i>	10, 11, 12
Foods 2	Foods 1	10, 11, 12
Introduction to Culinary Arts & Hospitality*	Foods 1 and Foods 2	11, 12
Life & Relationships	Career and Life Development	11, 12
College Foundation of Education	2.6+ GPA	11, 12

HEALTH CAREERS

Course Title	Prerequisite	Grade(s)
Health Careers	None	10, 11, 12
Medical Terminology	None	11, 12
Disease Conditions	Medical Terminology	11, 12

Department & Course Index

MATHEMATICS

Course Title	Prerequisite	Grade(s)
Intro to High School Math	Placement Course	9
Algebra 1.5 Concepts A, B	None	9
Algebra 1.5 A, B	None	9
Honors Geometry A & B	Advanced 8th Grade Math (Algebra)	9, 10, 11, 12
Geometry Concepts A & B	Algebra 1.5 Concepts or higher	10, 11, 12
Geometry A & B	Algebra 1.5	10, 11, 12
Personal Finance	None	10, 11, 12
Honors Algebra 2 A & B	Geometry A & B or higher	10, 11, 12
Algebra 2 Concepts A & B	Algebra 1.5 Concepts or higher	10, 11, 12
Algebra 2 A & B	Algebra 1.5	10, 11, 12
Advanced Math A & B	Algebra 2	11, 12
Statistics and Probability	Algebra 1.5 Concepts A & B or higher	10, 11, 12
Trigonometry	Advanced Math or College Algebra	11, 12
College Algebra A & B	Algebra 2 A & B or higher; 2.8+ GPA	11, 12
College Statistics	Algebra 2 A & B or higher, 2.8+ GPA	11, 12
College Algebra 2 & Trigonometry	College Algebra A & B, 2.8+ GPA	11, 12
Calculus A & B	College Algebra 2/Trigonometry	11, 12
College Calculus A & B	College Algebra 2/Trigonometry, 2.8+ GPA	11, 12

MUSIC

Course Title	Prerequisite	Grade(s)
Ninth Grade Band	None	9
Ninth Grade Band & Choir	None	9
Ninth Grade Choir	None	9
Musical Theatre Exploration	None	9, 10, 11, 12
Guitar I	None	9, 10, 11, 12
Guitar 2	Guitar 1	10, 11, 12
Band Only	Instrumental audition	10, 11, 12
Choir Only	Vocal audition	10, 11, 12
Band and Choir	Instrumental and vocal auditions	10, 11, 12
Music Theory & Composition	Teacher approval	11, 12



Department & Course Index

PHYSICAL EDUCATION/HEALTH

Course Title	Prerequisite	Grade(s)
Exercise Science	None	9
Health Education	None	9
Nutrition and Fitness	None	9, 10, 11, 12
Personal Fitness	None	9, 10, 11, 12
Strength Training/Cond. 1	None	9, 10, 11, 12
Athletic Weightlifting & Performance Training	CIHS registered athletes in grades 9-12 <i>Participants must complete a safety orientation prior to engaging in training activities.</i>	9, 10, 11, 12
Physical Education 10 Competitive	None	10
Physical Education 10 Recreation	None	10
Strength Training/Cond. 2	Strength Training/Conditioning 1	10, 11, 12
Strength Training/Cond. 3	Strength Training/Conditioning 2	10, 11, 12
Water Sports/LifeGuard Training	Deep Water Safety (<i>See Instructor</i>)	10, 11, 12
Fall Activities	None	11, 12
Winter Activities	None	11, 12
Spring Activities	None	11, 12

SCIENCE

Course Title	Prerequisite	Grades
Earth Science	None	9
Space Science	None	9
Biology A & B	None	10
Honors Physics A & B	Geometry, Earth & Space Science	10, 11, 12
Astronomy	Earth Science & Space Science	10, 11, 12
Geology	Earth Science & Space Science	10, 11, 12
Large Wildlife Mammals	Earth Science & Space Science	10, 11, 12
Marine Science	Earth Science & Space Science	10, 11, 12
Outdoor Science: Fall	Biology A	10, 11, 12
Outdoor Science: Spring	Biology A	10, 11, 12
Forensics	Biology A	10, 11, 12
Anatomy & Physiology 1	Biology A	10, 11, 12
Anatomy & Physiology 2	Biology A	10, 11, 12
Physics A & B	None	11, 12
Chemistry A & B	None	11, 12
Introduction to Taxidermy	Biology A	11, 12
College Biology A & B	GPA of 2.6 or higher	11, 12
College Biology C	College Biology A & B, GPA of 2.6 or higher	11, 12
College Chemistry A & B	GPA of 2.6 or higher	11, 12

Department & Course Index

SOCIAL STUDIES

Course Title	Prerequisite	Grade(s)
Geography 9	None	9
Intro to Social Sciences 9	None	9
World History A & B	None	10
U.S. History A & B	None	11
Civics	None	11, 12
Economics	None	11, 12
Human Geography	None	10, 11, 12
Political & Economic Worldviews	None	10, 11, 12
Psychology	None	10, 11, 12
Sociology	None	10, 11, 12
AP US Government & Politics	2.6+ GPA	10, 11, 12
Personal Finance	None	10, 11, 12
College U.S. History A & B	2.6+ GPA	11, 12
College World History A & B	2.6+ GPA	11, 12
College Geography	2.6+ GPA	11, 12
College Economics	2.6+ GPA	11, 12

TRADES & INDUSTRY

Course Title	Prerequisite	Grade(s)
Introduction to Woodworking	None	9, 10, 11, 12
Cabinetry & Furniture	Introduction to Woodworking	9, 10, 11, 12
Woods CNC & Laser	Introduction to Woodworking	9, 10, 11, 12
Welding 1	None	9, 10, 11, 12
Welding 2	Welding 1	9, 10, 11, 12
Small Engines/Power Sports	None	9, 10, 11, 12
Machining & Manufacturing Process 1	None	9, 10, 11, 12
Computer Aided Drafting & Design (CAD)	None	9, 10, 11, 12
Autos 1	None	10, 11, 12
Autos 2	Autos 1	10, 11, 12
Machining & Manufacturing Process 2	Machining & Manufacturing Process 1	10, 11, 12
Construction Trades	Introduction to Woodworking	10, 11, 12
Advanced Manufacturing Program (AMP)	Introduction to Woodworking, OR Machining & Manufacturing, OR Welding 1	11, 12
Vocational Woodworking A & B	Introduction to Woodworking	11, 12
Vocational Welding	Welding 1	11, 12

Department & Course Index

WORK BASED LEARNING (OJT)

Course Title	Prerequisite	Grade(s)
Career Seminar 1	Refer to “By Permission Courses Only”	11, 12
Career Seminar 2	Refer to “By Permission Courses Only”	11, 12
Work Experience/OJT	Refer to “By Permission Courses Only”	11, 12

Course Title	Prerequisite	Grade(s)
Ojibwe Language & Culture (<i>online</i>)	None	10, 11, 12
German 1 A & B	None	9, 10, 11, 12
German 2 A & B	German 1	10, 11, 12
German 3 A & B & C	German 2	10, 11, 12
German 4 A & B - Hybrid	German 3	10, 11, 12
Spanish 1 A & B	None	9, 10, 11, 12
Spanish 2 A & B	Spanish 1	10, 11, 12
Spanish 3 A & B	Spanish 2	10, 11, 12
Spanish 4 A & B	Spanish 3	10, 11, 12

COLLEGE & CAREER PLANNING



Where can I find information about college and career planning?

The **College and Career Center** is located across the hall from the Student Office in Cambridge-Isanti High School. The College & Career Center contains up-to-date college, apprenticeship, military, financial aid and scholarship information, and job postings.

The College & Career Center is also equipped with computers and resources for researching post-secondary options. Numerous college representatives from post-secondary institutions are scheduled throughout the year to meet with juniors and seniors. All students and parents/guardians are welcome and encouraged to visit this excellent resource.

For additional information go to c-ischools.org/college-and-career.



Who can I contact for assistance with college & career questions?

College & Career Advisor

Sandra Yerges

syerges@c-ischools.org

763-689-6025

Focus on Career Support

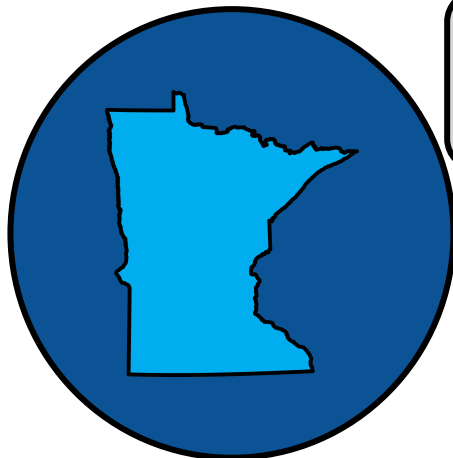
College & Career Advisor

Emma Willhite

ewillhite@c-ischools.org

763-689-6023

Focus on College Support



How can I find more information about colleges and careers?

The **Minnesota Career Information System (MCIS)** is an internet site that provides current information about post secondary education programs, careers, and financial-aid for Minnesota students and parents/guardians.

Some of the information available includes:

- which high school courses should be taken to be prepared for a certain college programs
- select schools and occupations according to your program of study
- links to post-secondary institutions and scholarship opportunities

Parents:

Parents can access the Minnesota Career Information System program by logging on to:
www.mncis.intocareers.org
User name: CIHS1
Password: welcome

Students:

9th – 12th grade students can access their individual profile by logging into clever.com and clicking on the MCIS icon.



COLLEGE & CAREER PLANNING

Career and Technical Colleges (public and private)

Offer programs consisting of courses for a specific certification, licensure, diploma, or degree. Most courses are hands-on learning experiences with fewer general education courses. Typical admission requirements may include a high school diploma, math, reading and/or writing placement tests, and/or a minimum college entrance exam score.

Demand for acceptance in some Technical and Community College programs is so high that students should apply early during the fall of their senior year.

Community Colleges (public and private)

Offer programs consisting of courses for a specific certification, licensure, diploma, or degree. Most programs are two years in length or less and include general education courses.

Typical admission requirements may include a high school diploma, math, reading and/or writing placement tests, and/or a minimum college entrance exam score.

4-Year Universities & Colleges (public and private)

Universities offer programs of study at the Bachelors, Masters and Doctorate degree levels.

Courses include general education and program specific educational requirements.

Typically admission requirements include a high school diploma, a minimum college entrance exam score, a minimum high school grade point average (GPA) and/or class rank.

Minimum Recommendations for College Preparation

(Listed in CIHS Credits)

What is your post-high school education plan?

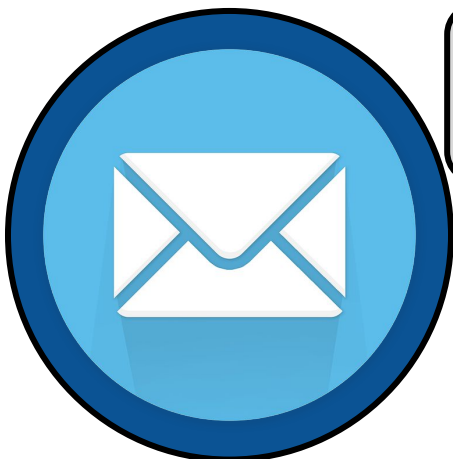
Education Setting	Technical College	Community College	Traditional 4-Year College	Traditional 4-Year College	Private 4-Year College	*Selective 4-Year College
Example School	Pine Tech, Dunwoody	Anoka-Ramsey	Minnesota State Universities	University of Minnesota	St. John's, Bethel	Harvard, Carlton
Recommended Credits in English	8 credits	8 credits	8 credits	8 credits	8 credits	8 credits
Recommended Credits in Math	6 credits	6 credits	8 credits	8 credits	8 credits	6-8 credits
Recommended Credits in Science	6 credits	6 credits	6 credits	6 credits	6 credits	6-8 credits
Recommended Credits in Social Studies	6 credits	6 credits	6 credits	6 credits	6 credits	6-8 credits
Recommended Credits in World Language	Desirable	Desirable	4 credits	4 credits	Varies	4 credits
Recommended Credits in Arts/Music	1 credit	1 credit	2 credits	2 credits	Varies	2 credits
Entrance Exam Requirements	Accuplacer Test	Accuplacer Test or ACT	ACT	ACT	ACT	ACT or SAT

Note: While the above is a good guideline, it is recommended that specific college bulletins be consulted for exact admission requirements.

Selective colleges strongly encourage students to have Advanced Placement or advanced level courses throughout high school.



COLLEGE & CAREER PLANNING



How do I contact colleges for information on registration, admissions, programs?

North Dakota University System
www.ndus.edu
701-328-2960

University of Minnesota System

www.umn.edu
Twin Cities: 612-625-2008
Duluth: 1-800-232-1339
Crookston: 1-800-862-6466
Morris: 1-888-866-3382
Rochester: 1-800-947-0117

Minnesota State Colleges and Universities System

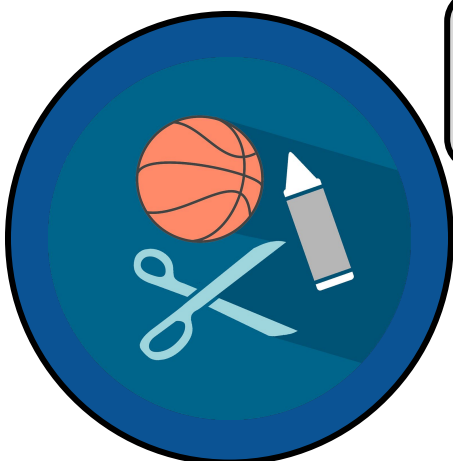
www.minnstate.edu
1-800-456-8519
Includes 34 Technical Colleges, 21 Community Colleges, & 7 State Universities in Minnesota

Wisconsin State Universities

<http://uwhelp.wisconsin.edu>
1-800-442-6459

Minnesota's Private Colleges & Universities

www.mnprivatecolleges.com
1-800-774-2655



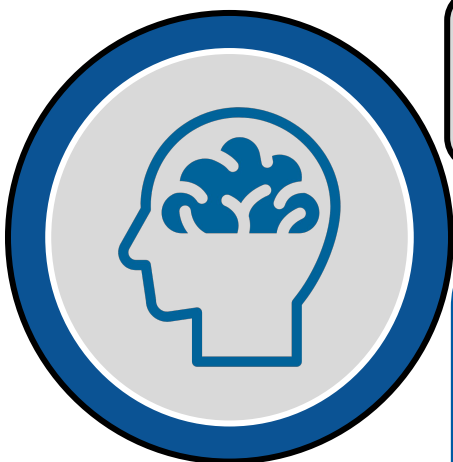
What if I want to play college sports or activities for a Division I or Division II school?

Meet with your counselor in your sophomore year or Fall of your junior year to plan your schedule in order meet NCAA eligibility requirements.

For more information on approved courses, requirements, and downloadable forms go to:

www.ncaaclearinghouse.net

The CIHS school code is: 240-380



What are College Entrance Exams and when should I register or take them?

In order to be admitted to some 4-year and 2-year colleges, a student must take either the **ACT** or the **SAT**. The admissions policy of the college will state which of these two tests is required, as well as the score required for admission.

American College Test (ACT)

Preferred by most Midwestern colleges & universities

To register or for more information go to:

www.actstudent.org

Consists of four academic sub-tests:

English (usage/mechanics, and rhetorical skills),
Mathematics (algebra, geometry, and trigonometry),
Reading (social studies/sciences, and arts/literature),
Science Reasoning (data representation, research summaries, and conflicted viewpoints), and
Writing (optional, but recommended)

Scholastic Aptitude Test (SAT)

Preferred by Military Academies, East & West Coast colleges & universities

To register or for more information go to:

www.collegeboard.org

SAT I – a 2.5-hour multiple choice test composed of verbal and mathematical questions,

SAT II – Each test is a 1-hour multiple choice test made up of questions that measure subjects appropriate for your major.

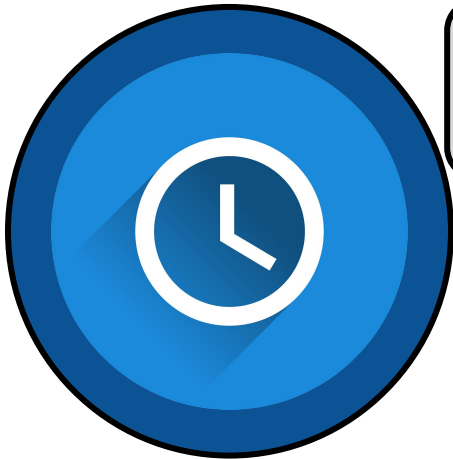
PSAT

pre-SAT that provide practice for the SAT. This test is offered in the Fall of the sophomore year. Taking this exam is the only way to become a National Merit Scholar, a prestigious national scholarship program with many benefits. College-bound sophomores are encouraged to take this test as a practice for their junior

CIHS' school code to register online for the ACT or SAT exam is: **240-380**



COLLEGE & CAREER PLANNING



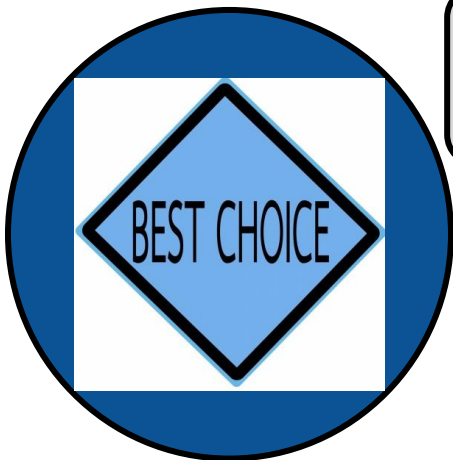
When do I need to apply to attend college?

Are there advantages to applying early?

Many colleges have early deadlines so it is suggested that you begin applying to the colleges of your choice early in your senior year.

Some advantages to applying by the early application deadline include:

- Availability to be accepted into the program of your choice,
- Preference in registering for classes,
- Better choice of housing, Financial aid, grants, loans, work study availability. Most colleges will not consider you for any type of financial aid until you have been accepted to the college.

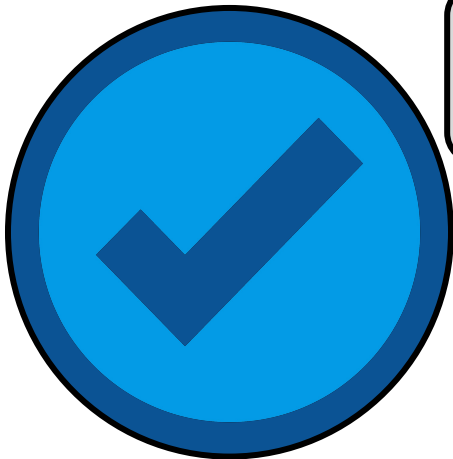


How can I determine which college is the best choice for me?

One of the best ways to see if a college you are considering is a good choice for you is to visit the campus. Plan your visit for an ordinary weekday, if possible. Once you have narrowed your choices, arrange to visit each campus and ask questions that will assist you in decision-making.

Juniors and seniors planning to visit a college must complete a college visit form. In order for the college visit to be counted as a school excused absence, the form must be signed by a parent/guardian and returned to the College and Career Center 24 hours prior to the visit.

Juniors and seniors are allowed two school excused college visit days per year.



How do I remember everything I should do before, during, and after a college visit?

There are many factors to consider in selecting the right college, so you should make a checklist to take along on these visits. This list should include items relating to pre-visit arrangements, the visit, and the follow-up.

Pre-Visit

- ❑ Call the admission office for an appointment
- ❑ Arrange the visit as early as possible
- ❑ Arrange for an interview if the college recommends it
- ❑ Ask for a guided tour
- ❑ Ask to talk with students or faculty in your career area
- ❑ Request literature about the college and your career field and read it **before** the visit

Visit

- ❑ Meet with an admission counselor, have the counselor sign your college visit form
- ❑ Verify admission requirements
- ❑ Determine actual college costs; meet with a financial aid advisor if possible
- ❑ Take a campus tour
- ❑ Attend a class and/or meet with a professor in your academic area
- ❑ Talk with students and faculty
- ❑ Determine your chances for success: admission, graduation and placement
- ❑ Ask about the college's scholarship applications and deadlines.

Follow-Up

- ❑ Complete college admission paperwork by the recommended deadline
- ❑ Follow guidelines listed in the college application process

COLLEGE & CAREER PLANNING

Summary of the College Application Process

- ❑ Do the groundwork. Review college brochures/websites, request information, visit campuses, attend a college fair, and visit with college representatives who come to the high school.
- ❑ Take the appropriate entrance exams. ACT information and practice tests can be found in the College and Career Center. Make sure you indicate on your ACT online registration where you would like your test scores sent (you can send scores to up to four schools for no additional cost at that time). The individual ACT subject test scores will not be on your high school transcript.
- ❑ Decide where you wish to apply. Make sure that you meet the admission requirements for the program you want. It is recommended that you apply to 2-3 colleges if you are seeking admission into a four-year college.
- ❑ Apply online (if possible) to the college(s) of your choosing. Complete all components. Usually you must complete a transcript request and pay an application fee. Official transcripts can be requested on Parchment.com. The cost is approximately \$6.60 per transcript requested. The fee is waived for the first four transcript requests if you are eligible for free or reduced lunches. Stop by the College and Career Center for more info.
- ❑ Submit the Free Application for Federal Student Aid (FAFSA) as required. **October 1st is the earliest possible filing date.** The previous year's tax information is required to complete the form. Information and assistance with the FAFSA is available during the CIHS Financial Aid Night or by accessing online information at www.fafsa.ed.gov. To complete the FAFSA form, the student and a parent need an FSA ID number. To receive an FSA ID number, go to www.fafsa.ed.gov.
- ❑ Apply for all scholarships that you are eligible for including: local scholarships listed on the College & Career Center website (c-ischools.org/college-and-career), all scholarship applications from your chosen college(s), and by completing a Dollars for Scholars profile in your senior year by Jan 31st (Step 1) and by also completing the "apply" process by March 16th (Step 2).
- ❑ Confirm your admission and housing by sending in any required deposits.
- ❑ Request official transcripts (to be sent to the college of your choosing) of any PSEO, College in the Schools, or Articulated College Credit you may have earned with other colleges while in high school.
- ❑ Attend orientation sessions if offered



EDUCATIONAL & CAREER PLANNING GUIDELINES

At each grade level, students are encouraged to meet with the College & Career Advisor to begin and continue the process of educational and career planning. The following is a set of guidelines for students and parents to consider during high school to begin to explore options and possibilities for the years ahead. The College & Career Advisor is available to meet with students and parents individually, as well as in-class presentations, and small groups throughout the school year.

9th GRADE CAREER PLANNING

- ❑ Complete the career investigation unit required during your Economics course.
- ❑ Visit the College and Career Center in the high school to acquaint yourself with resources available for your use.



10th GRADE CAREER PLANNING

- ❑ Visit the College and Career Center in the high school to acquaint yourself with resources available for your use. Explore the Minnesota Career Information System (MCIS).
- ❑ Explore educational opportunities available for 11th and/or 12th grade years, such as Post-Secondary Enrollment Options, Marketing Internship, CTE Courses, College in the School Courses & Advanced Placement Courses.
- ❑ Complete the career investigation unit in the required Career & Life Development course.
- ❑ Attend the CIHS College Fair in the Fall to start exploring your post secondary options.
- ❑ Start volunteering to increase scholarship potential and explore career interests.
- ❑ Meet with college representatives who visit the high school.



11th GRADE CAREER PLANNING

- ❑ Continue use of MCIS, a computer-based career planning program, to assist in the career decision-making process.
- ❑ College-bound juniors should take the Preliminary Scholastic Aptitude Test (PSAT) in October to qualify for the National Merit Scholarship Program.
- ❑ Attend with parents the CIHS College Fair to visit with representatives from post-secondary institutions and collect information for further decision-making.
- ❑ Meet with college representatives who visit the high school. Also, visit the campuses of post-secondary institutions for a firsthand look at programs and facilities.
- ❑ In the Spring, college-bound juniors take the ACT. Check with your college of interest to determine whether or not the SAT is required. Interested students are invited to visit with their Armed Services Recruiter about military options and the opportunity to take the Armed Services Vocational Aptitude Battery (ASVAB) in 11th or 12th grade.
- ❑ Set up your own job shadowing experiences.



EDUCATIONAL & CAREER PLANNING GUIDELINES

12th GRADE CAREER PLANNING

- Use career planning programs to further explore career options and to investigate post-secondary institutions and scholarship opportunities.
- Attend the College Fair with your parents to get any college questions answered.
- Retake the ACT (for a higher score, if applicable), or take the SAT for college entrance early in the Fall of Senior year.
- Schedule a Senior Planning Appointment (SPA) to receive and review your post high school options and plan. Start the financial aid process and apply for scholarships!
- Meet with college representatives who visit the high school and make on-site campus visits throughout the school year.
- Attend the Financial Aid Night offered to students and parents in the Fall (Complete the FAFSA and submit after Oct 1st).
- Complete and submit college applications to schools of your choice. (Check deadlines. Many schools file in the Fall of the year.)
- Request transcripts through www.parchment.com.
- Complete and submit college room and board applications.
- If not completed already, schedule a job shadow.



HELPFUL REGISTRATION CONTACT INFORMATION

**This information is as of the current school year; staff names subject to change*

Student Office

Kasey Cesafsky, Administrative Assistant kcesafsky@c-ischools.org 763-689-6007

Jennifer Wahl, Administrative Assistant jwahl@c-ischools.org 763-689-6005

Assistant Principal

Jeremy Miller

jmiller@c-ischools.org

763-689-6024

**Student/Family Contact for
Students Last Names A-L
C-I Online Administrator**

Assistant Principal

Elizabeth Young

eyoung@c-ischools.org

763-689-6008

**Student/Family Contact for
Students Last Names M-Z
Master Schedule Course Planning
Administrator**

Special Education Coordinator

Courtney Karas

ckaras@c-ischools.org

763-689-6498

**Student/Family Contact for
Special Education Services at CIHS
Special Education Scheduling**

Counseling Office

Jenny Heath, Administrative Assistant jheath@c-ischools.org 763-689-6006

Individual schedule questions, schedule changes, graduation requirements, post-high school planning, etc

School Counselor

Amber Strom

astrom@c-ischools.org

763-689-6449

Student Last Names A-G

School Counselor

Kara Martin

kmartin@c-ischools.org

763-689-6022

Student Last Names H-O

School Counselor

Rachel Senarighi

rsenarighi@c-ischools.org

763-689-6019

Student Last Names P-Z



MISSION

The mission of Cambridge-Isanti Schools, in partnership with our community, is to **EDUCATE, EMPOWER and INSPIRE EVERY STUDENT, EVERY DAY** to achieve their full potential.

