

CROOKSTON HIGH SCHOOL

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HOME OF THE PIRATES



COURSE AND REGISTRATION GUIDE

2026 - 2027



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WE ARE COMMITTED TO EXCELLENCE

COMMUNICATION:

Crookston Public Schools will excel in communicating with students, parents, staff, and community.

A CULTURE OF HIGH EXPECTATIONS:

Crookston Public Schools will be a place in which high expectations are set for our students and staff.

RELATIONSHIPS:

Crookston Public Schools will excel in building strong relationships with students, families, staff, and community.

EXCEPTIONAL SYSTEMS OF SUPPORT:

Crookston Public Schools will provide a strong system of mental health and academic support for students and families.

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INTRODUCTION

HOW TO USE THIS GUIDE

This registration guide consists of information needed to plan your program of studies at Crookston High School. What you learn, the grades you earn, and the record you make for yourself will play an important part in the remainder of your life. At each stage of your high school career you should seriously consider your goals and future ambitions and develop a program of study to prepare you for further education and employment.

This guide is designed to help you and your parents make an educational plan appropriate for you as related to your future goals. You and your parents carry the responsibility for this planning. The professional staff at Crookston High School is available for consultation and recommendations to you and your parents.

Prerequisite Course

Courses that students must pass before registering for another course or the next course in the sequence. Example: You need to pass Algebra BEFORE taking Algebra II.

Required Course

Courses that every student must pass in order to graduate from Crookston High School.

Elective Course

A course student chooses to take to fulfill the graduation requirements.

Class Status

You will be designated as a freshman, sophomore, junior, or senior based on the number of earned credits.

REGISTRATION INSTRUCTIONS

The School Counselor will come to the classroom to go over High School Graduation Requirements, and the courses you get to choose from.

You will have one week with this guide and the worksheet to decide what courses you'd like to register for next school year. If you have questions, please ask your School Counselor or the teacher of the course. Your Course Registration Worksheet needs to be completed and turned into the office.

After two weeks, the School Counselor will complete registration with you during class.

Remember to:

- Review the requirements for graduation
- Plan with a four-year period in mind.
- Select classes based on **your** goals and interests, not your friends.

ALL students are required to register for seven periods. PSEO students have a credit to course ratio.

College Credits taking	How many CHS classes you need
0 - 4 college credits	5 - 6 CHS classes
5 - 8 college credits	3 - 4 CHS classes
9 - 11 college credits	1 - 2 CHS classes
12 - 16 college credits	0 classes at CHS
17 - 22 college credits	0 classes at CHS

SCHEDULE CHANGES

Changes will be considered prior to the beginning of each semester and during the first 2 days of the new semester.

GRADUATION REQUIREMENTS

GRADUATION REQUIREMENTS & CRITERIA

District 593 students must complete credit requirements to receive a Crookston High School diploma. Students are on a 7-period semester schedule. Each class equals .5 credits. Credit requirements are listed in the chart.

When considering your registration choices, please consider such important questions as:

- Am I meeting the requirements for graduation?
- Am I meeting the requirements for further education after high school?
- Am I choosing courses appropriate to my interests and help realize my goals?

GRADUATION REQUIREMENTS

SUBJECT	CREDITS
English	4
Careers	.5
Social Studies	3.5
Mathematics	3
Science	3
Physical Education	.5
Arts	1
Health	.5
Personal Finance (Starts with class of 2028)	.5
Elective	7.5
Total Credits for Graduation	24

GRADUATION CEREMONY ELIGIBILITY CRITERIA

1. Complete all required coursework
2. Attain required minimum number of credits
3. Maintain full time student status

No recognition symbols external of Crookston High School's blue cap/gown, gold honor society cords and academic medallions are permitted during the actual graduation ceremony.

ACADEMIC LETTERING (9TH- 12TH GRADE)

To be eligible to receive an academic letter at the end of the year, students must be enrolled in at least five half-credit classes (2.5 weighted credits) at CHS for first and second semester of the year they wish



FOUR YEAR EDUCATIONAL PLAN

ENGLISH

4 CREDITS REQUIRED FOR GRADUATION

Grade 9 Course

English 9 A&B

Grade 10 Course

English 10 A&B

Grade 11 Course

One English Credit

Grade 12 Course

One English Credit

SOCIAL STUDIES

3.5 CREDITS REQUIRED FOR GRADUATION

Grade 9 Course

Geography

Grade 10 Course

World History A&B

Grade 11 Course

US History A&B

Grade 12 Course

Economics
Government

MATHEMATICS

3 CREDITS REQUIRED FOR GRADUATION

Grade 9 Course

Int Algebra A&B

Grade 10 Course

Geometry A&B

Grade 11 Course

Algebra 2 A&B

Grade 12 Course

College Algebra
Intro to Statistics
College PreCalculus

SCIENCE

3 CREDITS REQUIRED FOR GRADUATION

Grade 9 Course

Earth & Space Science A&B

Grade 10 Course

Biology A&B

Grade 11 Course

Chemistry A&B OR
Integrated Chem A&B

Grade 12 Course

Physics A&B

ADDITIONAL REQUIREMENTS

ARTS: VISUAL and/or MUSIC - 1 CREDIT REQUIRED FOR GRADUATION

CAREERS: - 0.5 CREDIT REQUIRED FOR GRADUATION

HEALTH - 0.5 CREDIT REQUIRED FOR GRADUATION

10th Grade Health

PERSONAL FINANCE - 0.5 CREDIT REQUIRED FOR GRADUATION

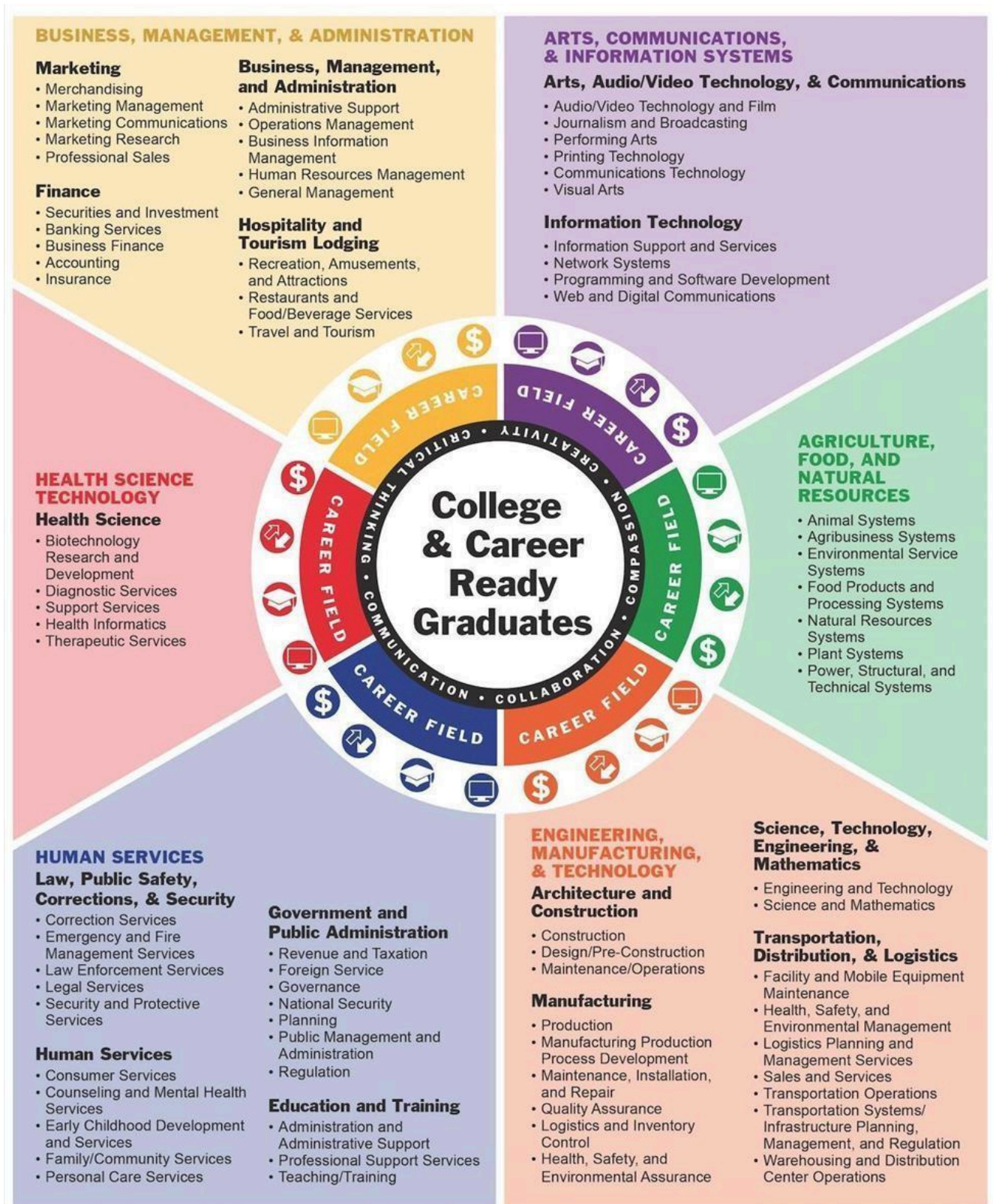
12TH Grade Personal Finance (Class of 2028 and beyond)

PHYSICAL EDUCATION -0.5 CREDIT REQUIRED FOR GRADUATION

9th Grade Physical Education

ELECTIVES - 7.5 CREDITS REQUIRED FOR GRADUATION (8 Credits for Class of 2026 and 2027)

MINNESOTA CAREER FIELDS, CLUSTERS & PATHWAYS



Adapted with permission from the Minnesota Department of Education, Career Fields, Clusters & Pathways, Information Sheet, 2016

PREPARING FOR POST HIGH SCHOOL EDUCATION

Below are possible requirements for Colleges and Universities. You need to research the requirements specific to your institution of choice.

*There are always exceptions, so if you don't meet these requirements, APPLY ANYWAY!

2-Year State Community and Technical Colleges:

- HS Diploma or GED
- After you have been admitted, you may be required to take a test for placement in the appropriate courses based on your reading, writing, and mathematics skills.

4-Year State University

- HS Diploma
- GPA/Class Rank (this varies per university, check with their admissions office)
- ACT/SAT (**May be required based on your college/university of choice**) completed these preferred HS classes:
 - 4 years of English: including composition, literature and speech
 - 3- 4 years of Math
 - 3-4 years of Science
 - 3 years of Social Studies
 - 2 years of a single world language (This is college/program specific. You need to check the admissions requirements of the school you are interested in.)
 - 1 year of arts (visual arts, theater, music, dance and media arts)

College Bound Athletes:

If you are thinking about playing sports in college, you need to meet with the counselor on NCAA or NAIA requirements

PROGRAM OPTIONS

College Credit Opportunities at Crookston High School

Crookston High School offers multiple pathways for students to earn **college and high school credit at the same time**. These options vary in structure and independence, allowing students to choose the level that best fits their readiness for college-level coursework.

Option 1: College in the High School (CIHS)

(Most structured – taught in-person at CHS during the school day)

- Courses taught at Crookston High School in partnership usually with the University of Minnesota Crookston
- Students remain in a familiar classroom with CHS support
- Follows the high school calendar schedule
- This has a Blended Learning Option that allows students with grades of 80% and above to attend 3 of the 5 class days per week.
- Strong focus on building college readiness skills (time management, responsibility, critical thinking)

Best fit for students who want:

- A step toward independence while still having a supported, structured environment
- A gradual transition into college-level expectations

Option 2: Online College in the High School (OCHS)

(Moderate structure – online courses aligned to the high school schedule)

- Courses offered through Northland Community & Technical College, Northwest Technical College and Alexandria Technical & Community College
- Classes are **online but designed only for high school students**
- Runs on a schedule that aligns with the high school day
- Contracted (often lower) tuition rates
- Ongoing support from CHS program coordinator

Best fit for students who want:

- More flexibility than CIHS
- A step toward independence while still having support

Option 3: Postsecondary Enrollment Options (PSEO)

(Most independent – full college experience)

- Students take classes directly through a college or university with College Students
- Courses may be on a college campus or Online
- Schedule follows the college calendar (not the high school schedule)
- Greater independence and responsibility required

Best fit for students who:

- Are ready for full independence and Want a true college experience
- Can manage transportation and a flexible schedule

College Credit Quick Comparison

Feature	CIHS	OCHS	PSEO
Location	At Crookston High School	Online	College Campus or Online
Schedule	High School Schedule	High School Aligned	College Schedule
Structure	High	Moderate	Low
Independence Level	Low	Medium	High
Peers	Crookston HS Students	HS Students (Multiple Schools)	College Students

COLLEGE IN THE HIGH SCHOOL (CIHS) PROGRAM (In Person Classes at Crookston High School take for College Credit)

This program is for students to earn college and high school credit simultaneously, in the high school setting, while transitioning into a post-secondary mindset. Students learn time management, practice independent and critical thinking skills, shoulder a new level of accountability, all while learning rigorous content. The College in the High School program is a dual enrollment partnership between Crookston High School and the University of Minnesota Crookston.



CIHS COURSES OFFERED 2026-2027 SCHOOL YEAR

Composition I (UMC)	College Algebra (UMC)
Composition II (UMC)	College Introduction to Statistics (UMC)
College American Literature (UMC) if enough students	College Pre-Calculus
College World Literature (UMC) if enough students	

CIHS courses are College level courses that come with more responsibility. Please read through the student responsibilities for taking a CIHS course below:

1. Dual Credit - Your CIHS course will count for credit towards your High School diploma as well as your college degree. If you fail the CIHS course, it affects your GPA in High School as well as your GPA in College.
2. Eligibility Requirements- In order to be eligible to receive college credit you must have a minimum high school GPA of 3.0 (as a junior or senior) for UMC courses.
3. College Transcripts- If you pass the course (D or higher), you will earn .5 -.75 credits towards High School Graduation and 3.0 or 4.0 credits (depending on the course) toward College. When the semester is over, you will need to request a transcript from UMC with your college credits. Your High School credits will show on your CHS transcript.
4. The CIHS student must maintain a minimum UMC GPA of 2.0 each term to continue enrollment at UMC. Each term with a GPA below 2.0 will be followed by a suspension of one term.
5. UMC Welcome Letter- You will receive a 'Welcome Letter' from UMC in the mail.
6. KEEP THIS DOCUMENT. From that letter YOU are the one responsible to: Set up your MyU Portal to check classes, grades, and email and set up your X500 ID Number
7. Add/Drop- Students are responsible to Add/Drop the course within the grace period given by UMC. If not done during that period, there is a \$50 fee (owed by the student) and potential for the F/Withdrawal to stay on College Transcript. You will receive an email on this information via your UMC email.
8. Student Release Authorization- Students fill out a form to give Parents the ability to check their CIHS Grade.
9. CIHS Registration for UMC Credit- Students will complete the course registration in the classroom at CHS. It is still the student's responsibility to drop this course by the deadline. (If you drop at CHS you need to also drop the course through UMC).
10. CIHS Contract must be signed by parent and student to obtain college credit.

ONLINE COLLEGE IN THE HIGH SCHOOL (OCHS) OPTION

(College courses with other High School Students possibly from other schools taught online)



Online College in the High School (OCHS) provides students with the opportunity to earn both high school and college credit while remaining in their local high school setting. Through partnerships with colleges such as Northland Community & Technical College, Northwest Technical College, and Alexandria Technical & Community College, students take online courses taught by college instructors that are designed specifically for high school learners. One of the key advantages of OCHS is that it operates on a schedule that better aligns with the high school day, allowing students to access college-level coursework without the conflicts often associated with traditional PSEO programs. Courses are offered at a contracted tuition rate and are exclusive to high school students, creating a supportive and familiar learning environment. With a streamlined application process, transferable credits, and ongoing support from both college staff and high school coordinators, OCHS is a flexible and accessible way for students to get a head start on their college education.

POST-SECONDARY ENROLLMENT OPTION (PSEO)

(College courses with college students possibly taught in person on a college campus or online)



All courses taken through the PSEO program must meet graduation requirements. Postsecondary institutions are required to allow PSEO students to enroll in online courses consistent with the institution's policy regarding postsecondary student enrollment in online courses.

Tenth-grade students may initially enroll in one Career and Technical Education (CTE) PSEO course if they receive a reading proficiency score of "meets" or "exceeds" on the 8th grade MCA. If 10th graders taking a CTE PSEO course earn at least a grade C in that class, they may take additional CTE PSEO courses. If the student did not take the MCA in 8th-grade, another reading assessment accepted by the enrolling postsecondary institution can be substituted. For students with disabilities, there is an alternative option to demonstrate reading proficiency. ** For current information about the PSEO program, visit the Minnesota Department of Education's Postsecondary Enrollment Options (PSEO) webpage.

COLLEGE COURSES THAT COVER HIGH SCHOOL COURSE CREDITS

College Course	High School Credit
Macroeconomics or Microeconomics	Economics
American Government	American Government
Any World History Class	World History
Any US History	US History
Public Speaking or Interpersonal Communication, Composition I, and Composition II or any Literature course.	English 11 & English 12
Any Art/Music Course	Art
Any Chemistry Course	Chemistry
Any Physics Course	Physics
Any Physical Education Course	PE Credit
Any Other College Courses	Count towards Elective Credits

Exploring Agriculture - 9th Grade

Credit: .5 One Semester

Open To: Grades 9

Graduation Requirement: Meets Elective Requirement

Course Description: In this course the student will be introduced to the principles of agriculture through the study of agribusiness, leadership, animal systems, natural resources, and plant systems. The student will explore the history and impact of agriculture, examine food and fiber production systems, and gain an understanding of how natural resources are managed in relation to agriculture. Emphasis will be placed on agricultural leadership and career readiness, while technology applications will be integrated throughout the course. Career opportunities in agriculture and related industries will be highlighted, with hands-on projects connecting classroom instruction to real-world agricultural practices.

Companion Animals

Credit: .5 One Semester

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This course introduces students to the care and management of companion animals, with an in-depth focus on common pets such as dogs, cats, fish, small mammals, amphibians, and reptiles. Students will learn about animal behavior, nutrition, health, housing, and proper handling techniques for a variety of species. Throughout the semester, students will build hands-on skills while exploring responsible pet ownership and careers in the animal care industry. Emphasis is placed on real-world applications, animal welfare, and developing a strong understanding of the needs of different companion animals.

Farm to Table

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This course introduces students to the farm-to-table process by exploring how food is grown, processed, and prepared. Students will gain hands-on experience growing their own food while learning about soil health, plant care, and sustainable agriculture practices. The course also includes preparing and cooking a variety of meals using ingredients produced in class. Throughout the semester, students will examine how food moves from the farm to the table, including harvesting, handling, and distribution. Emphasis is placed on real-world skills, sustainability, and career exploration in agriculture and food systems.

Horticulture

Credit: .5 One Semester

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This course introduces students to the fundamentals of horticulture through the study of plant science, growing systems, and landscape design. Students will explore plant anatomy and physiology, soils and plant nutrition, plant propagation, greenhouse and indoor growing systems, and basic landscaping principles. Throughout the semester, students will examine careers and technologies in the horticulture industry while building skills in plant identification through hands-on, real-world applications.

Natural Resources

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This course introduces students to the fundamentals of natural resources with a focus on trees, soils, water, and earth systems. Students will explore tree identification, forest management, basic soil properties, and the processes behind rock formation. The course also examines water systems, including quality, conservation, and their role in the environment. Throughout the semester, students will develop an understanding of how these natural resources are managed and used, while building practical, hands-on skills and exploring careers in natural resource fields.

Work Based Learning

Credit: .5 or 1 One or Two Semesters

Open To: Grades 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This course provides students with a structured Work-Based Learning (WBL) experience that combines classroom instruction with on-the-job training at an approved worksite. Students will participate in career-focused seminars covering topics such as career exploration, workplace readiness skills, safety, and employment laws, while gaining real-world experience in a field of their interest. Students will work with an instructor and employer to develop individualized training plans and goals, and their progress will be evaluated throughout the experience. Students are responsible for securing reliable transportation to and from their approved job site. Emphasis is placed on building professional skills, connecting classroom learning to future careers, and preparing students for college and the workforce.

Introduction to Art

Credit: .5 One Semester

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Arts Requirement

Course Description: Students are introduced to the basic techniques in drawing, painting, ceramics and graphic arts, and the concept of design.

Drawing I

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Arts Requirement

PreRequisite: Intro to Art

Course Description: Drawing is foundational for all of the visual arts. It is here that students learn to look at their world in an attempt to better understand and draw it. Drawing students will focus on skills in "seeing", as well as develop techniques in perspective, portraiture, figure drawing, illustration, landscape, and color techniques and animals. A variety of different drawing media will be used. The course will focus on originality and creativity. The semester will end in a department Art Show simulation.

Drawing II

Credit: .5 One Semester

Open To: Grades 10, 11, 12

PreRequisite: Drawing I

Graduation Requirement: Meets Arts Requirement

Course Description: Now that Drawing students have the basic skills in hand, they will go on to experiment with using those skills to communicate thoughts, ideas and opinions in their work. While Drawing I is based in technique, Drawing II will be based in thinking. Each day, students will be introduced to new concepts in various areas, including approaches in presentation, serials, "isms", historic styles, art appreciation, craftsmanship, etc. Drawing II and Painting II students will be rolled into one class, as they work through these issues together. Based on these topics, students will produce a series of "Masterworks" throughout the semester.

Painting I

Credit:.5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Arts Requirement

PreRequisite: Intro to Art

Course Description:Painting is offered to students in grades 9 - 12. Students will be introduced to the "academic" painting techniques of painting. Students will work in both acrylics and oils. Topics will include landscapes, portraits, historic styles and abstraction. The course will focus on originality and creativity. The semester will end in a department Art Show simulation.

Painting II

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Arts Requirement

PreRequisite: Painting I

Course Description: Now that Painting students have the basic skills in hand, they will go on to experiment with using those skills to communicate thoughts, ideas and opinions in their work. While Painting I is based in technique, Painting II will be based in thinking. Each day, students will be introduced to new concepts in various areas, including approaches in presentation, serials, "isms", historic styles, art appreciation, craftsmanship, etc. Drawing II and Painting II students will be rolled into one class, as they work through these issues together. Based on these topics, students will produce a series of "Masterworks" throughout the semester.

Ceramics I

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Arts Requirement

PreRequisite: Intro to Art

Course Description: There is nothing like working with clay to help students to think three dimensionally. In Ceramics, students will learn to think in the third dimension and to create basic clay constructions, learn sculpture techniques and to work on the potter's wheel. Decorating the finished clay body is the next step as students work towards individual design and creativity in clay. The course will focus on originality and creativity. The semester will end in a department Art Show simulation.

Ceramics II (usually offered even years)

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Arts Requirement

PreRequisite: Ceramics I

Course Description: Ceramics II is the natural follow up to Ceramics I, in that we continue to learn and apply ceramic technique. Students will translate these techniques into more advanced products, including surface texture, advanced sculpture, advanced wheelwork, and an exploration into other sculpture materials.

Printmaking I

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Arts Requirement

PreRequisite: Intro to Art

Course Description: Printmaking I is an introductory course that explores the rich traditions and contemporary applications of printmaking as a medium for artistic expression. Students will develop technical proficiency in relief, intaglio, and screen printing techniques while learning to apply the elements of art and principles of design to create compelling original works. Through hands-on studio practice, art historical investigation, and collaborative critique, students will discover how printmaking connects personal creativity with cultural and historical significance.

Printmaking II

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Arts Requirement

PreRequisite: Printmaking I

Course Description: Now that Printmaking students have the basic skills in hand, they will go on to experiment with using those skills to communicate thoughts, ideas and opinions in their work. While Printmaking I is based in technique, Printmaking II will continue to explore new printing techniques and be based in thinking. Each day, students will be introduced to new concepts in various areas, including approaches in presentation, serials, "isms", historic styles, art appreciation, craftsmanship, etc. Based on these topics, students will produce a series of "Masterworks" throughout the semester.

Art Seminar

Credit: .5 One Semester

Open To: Grades 11, 12

Graduation Requirement: Meets Arts Requirement

PreRequisite: Drawing II, Painting II, or Ceramics II

Course Description: Art Seminar is designed for the advanced, serious art student. After exploring a variety of other areas of art, students may elect to take Art Seminar. Based on this past art experience, students write contracts proposing areas of study. (These areas of study must be based on art coursework previously taken. Art Seminar is not meant to be a substitute for Introduction to Art, Drawing I, Painting I, Ceramics I or Graphic Arts.) Upon instructor approval, students begin work. Students may work towards more advanced applications in Drawing, Painting, Ceramics (sculpture) or Graphic Arts, or venture off in other directions, such as mural painting, computer animation or other areas of study. This course contains six different tracks including Contest, College Art/Portfolio, III Level, Volunteerism /Teaching Private Lessons, Public Art or "other". The course may be repeated as Art Seminar II, but tracks may **not** be repeated.

Digital Photography

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Arts Requirement

PreRequisite: Intro to Art

Course Description: Students will explore digital photography through creative computer enhancements of photographs. Students will learn and use computers to enhance and manipulate photographs. Students in the course will also learn to use a variety of input devices, including digital cameras and color scanners. Digital Photography stresses digital darkroom techniques along with computerized retouching and the enhancement of traditionally generated photographic prints. Students will use basic woodworking machinery, laser engraver and a mat-board cutter to construct custom made wood picture frames. This course is intended to be exploratory, fun, hands-on and an environment that is intended for all.

Stained Glass

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Arts Requirement

PreRequisite: Intro to Art

Course Description: This introductory stained glass studio class invites students to explore the timeless art of creating stained glass. Through hands-on instruction, students will learn essential techniques including glass cutting, soldering, and assembly while developing design and problem-solving skills. Students will create their own glass art pieces, from simple geometric designs to more complex compositions, gaining an understanding of color theory, light, and composition as they work. This course combines artistic creativity with practical craftsmanship in a collaborative studio environment.

Media Arts (Computer & Hands on)

Credit: .5 One Semester

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Arts Requirement

PreRequisite: Intro to Art

Course Description: The media arts class teaches students to use elements and tools of current and emerging technologies to create works that express feelings and ideas. Students are challenged to appreciate, analyze, and create works through the moving image, sound, and photography. Students are introduced to a variety of genres and approaches to subject matter, basic technology, and criticism in an historical and cultural context. They develop critical and creative thinking skills by creating works that convey their own ideas. Students learn through hands-on assignments, lectures, readings, and technical demonstrations. Work is evaluated through self-assessment, peer assessment, and teacher assessment during class critiques, projects, portfolio interviews, class discussions, exhibitions, observations, technical tests, and technical demonstrations.

Graphic Design

Credit: .5 One Semester

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Arts Requirement

PreRequisite: Intro to Art

Course Description: Students are introduced to the fundamentals of traditional graphic design and visual communication. In addition to visual communication, a core focus of the class is in Design Thinking: a strategic form of creative problem solving that is not limited to graphic design or even art but is being applied to problems as diverse as land use and traffic flow, to agriculture and engineering. The course will help prepare students who would like to pursue graphic design, its focus is on how people communicate visually and how to utilize design thinking to help prepare students for any occupational or academic field they may choose. Students are introduced to the graphic design industry, what designers do, and what graphic design actually is. Students will learn and practice: the building blocks of the design process, the fundamentals of two-dimensional design, the foundation of art, graphic design, and visual communication, the design process and explore it through a simple five-step plan, and be introduced to the power of words through typography



Yearbook - 21st Century Digital Design & Visual Communication

Credit: .5 or 1.0 One or Two Semesters

Open To: Grades 9, 10, 11, 12

Graduation Requirement: DOES NOT Meet Arts Requirement

Course Description: Use all of your academic skills in a real-world context. Writing, design, business, technology and communication combine for a uniquely beneficial class that yields skills necessary for success in college and beyond. In this 21st century, cross curricular, project-based class, students work collaboratively by using technology such as digital cameras, photo editing software and online design software to digitally produce a yearbook. Students use writing skills, communication skills and creativity to tell the story of the school community and peers in an engaging way. Students demonstrate knowledge of graphic design and think creatively when organizing information within the yearbook. In this college and career ready course, students think critically to meet deadlines, track to goals and utilize multimedia to market and disseminate information that aligns with and models an actual business. Students interested in enrolling in this class should speak with the yearbook advisor prior to the registration to begin the application process.

Concert Band

Credit: 1 Full Year

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Arts Requirement

Prerequisite: Middle School Band participation or Instructor Permission

Course Description: Concert Band is open to all high school students, grades 9 – 12. This class focuses primarily on learning music through performance. In addition to advancing technical and performance abilities, students will learn theoretical concepts, music history, and recent developments in music performance. Students will have opportunities to perform in honor bands, solo/ensemble contests, and community / collegiate ensembles. Leadership positions in performance ensembles are available after your second year enrolled in this course. All students enrolled in this course are expected to participate in Marching Band (summer) and Pep Band (Quarters 1, 2 and 3).

Concert Orchestra

Credit: 1 Full Year

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Arts Requirement

Course Description: Orchestra is a music ensemble open by audition for high school students who play a string instrument. Orchestra meets daily as a group and performs for many concerts each year. Auditions are held by appointment only in the spring and fall of the school year for admission into the upcoming semester. Orchestra students are encouraged to be involved in additional select ensembles, including the Valley Fiddlers and Pop Strings. These select ensembles perform an additional 20-30 times throughout the region (conferences, meetings, programs, festivals, community fund-raisers and seasonal programs). Orchestra students are also encouraged to participate in the Minnesota State High School League Solo and Ensemble contests, Minnesota All-State Orchestra, area youth symphonies and Honor Orchestras at area universities.

Elements of Music

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Art Requirement

Course Description: Open to high school non-music students who want to study the art of music. This class requires daily attendance and active participation as an individual and as a member of a group. We begin Quarter One by focusing on the Elements of Music (Silence, Sound, Tone, Timbre, Melody, Texture, Amplitude, Rhythm and Music Notation). We will play boomwhackers, some elementary percussive instruments and a little keyboard. Quarter Two we will apply what we have learned in Quarter One by adding recorders, ukuleles. Students will be required to play independently and with the group a wide variety of songs. You will be composing alone and with a group music that is for the recorder, ukulele and voice, the best one chosen to be performed by the whole group at the Class Final Project. The Class Final Project is a group effort, where as a class you decide how to teach your audience about all the Elements of Music, with examples.. In small groups a slide show presentation on Parts of Music Notation will be given. And we end the semester with performing songs using the instruments we have been learning and a group performance of our favorite class composition.



Concert Choir

Credit: 1 Full Year

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Arts Requirement

Course Description: The CHS Concert choir is an organization of students who have the talent for and enjoy singing. Students in choir are required to perform in the regularly scheduled concerts throughout the year. In Concert Choir students will create, perform, and respond to music, as well as learn about vocal health, singing technique, and introductory music theory. As a member of the choir, students have the opportunity to participate in the solo and ensemble contests sponsored by the Minnesota State High School League, and audition for the CHS Pop Choir, Minnesota All State Choirs, and other various honor choirs.

History of Music

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Art Requirement

Course Description: Open to high school non-music students who want to study the art of music. This class requires daily attendance and active participation as an individual and as a member of a group. We begin Quarter Three by focusing on the history of music notation and how music changed in each of the eras of music. In our short amount of time, we plan on going through Medieval, Renaissance, Baroque, Classical and Romantic Music Eras. Quarter Four you will need to bring out some of your dance moves and singing voice, while we learn about some of the different styles of Music that fits the mold of Rock - n- Roll during the 1960-1990s in America. We end the semester with a Music Medley Performance of "Rockin' America" Students will sing, dance and inform their audience about 50 years of Rock'n' Roll history in America.

Web Design

Credit: .5 One Semester

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This course is designed to give students the opportunity to learn how to create webpages. It will cover the basic tools, applications and technologies used to build a website. Students will learn the languages of web design by hand-coding in HTML and CSS. Students will also use Adobe Dreamweaver as a design interface for web design.

Microsoft Office Essentials

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: Ideal way to learn essential computer and business skills needed in a student's future, regardless of career choice. This is a course which allows students to develop advanced practices, and enhance their skills in word processing, spreadsheets, presentation, and database software using Microsoft Office (WORD, EXCEL, and POWERPOINT). Designed for students who want an introductory, yet solid foundation in this integrated software package, this course is good for both college preparation and personal use. It will include development of formatting skills for all of the essential file types.

GIS (Geographic Information System)

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This one-semester course introduces students to the fundamentals of Geographic Information Systems (GIS), a technology used to collect, analyze, and visualize geographic data. Students will explore how maps are created and how spatial data is used to understand patterns, relationships, and real-world issues in areas such as environmental science, agriculture, business, and community planning.

Students will gain hands-on experience using GIS software to create digital maps, work with data layers, and perform basic spatial analysis. Key topics include map elements and design, coordinate systems, GPS technology, data collection, and introductory geospatial analysis. Emphasis is placed on applying GIS tools to real-world scenarios through project-based learning.

This course builds foundational technology and critical thinking skills while providing insight into careers that utilize GIS across a wide range of industries..

Introduction to Computer Science (Java Script)

Credit: .5 One Semester

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This introductory computer science course includes a basic introduction to the principles of programming, including algorithms and logic. Students engage in hands-on programming tasks using both block-based and text-based programming languages as they write and test code to create JavaScript applications and program drones. Students will program with variables, functions and arguments, and lists and loops. This course provides a solid foundation for more advanced study as well as practical skills students can use immediately.

Google Applications

Credit: .5 One Semester

Open To: Grades 9

Graduation Requirement: Meets Elective Requirement

Course Description: An ideal way to build essential computer and business skills needed for school, college, and future careers. In this course, students will develop and strengthen their skills in word processing, spreadsheets, and presentations using Google Workspace tools such as Docs, Sheets, Slides, and Drive.

Designed for students who want an introductory yet solid foundation in these tools, this course is useful for both academic and personal use. Students will also practice organizing their work and creating clean, professional-looking files.

Although this course is not required for 9th graders, it is highly recommended and provides valuable skills that will support students as they begin high school.

Marketing I and II

Credit: .5 One Semester or Two Semesters

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: Students will study a general course in marketing theory and methods. Topics discussed are the importance of marketing, the differences between the marketing of goods and services, wholesaling, retailing, pricing strategies, analysis of markets, and distribution. A simulated business experience will be provided.

Careers 9

Credit: .5 One Semester

Open To: Grades 9

Graduation Requirement: *Required*

Course Description: This course is a required course designed to provide you with the skills and knowledge you need to pursue the college and/or career of your dreams through the instruction of organizational skills, decision-making, time management, citizenship, and ethical behavior are a few of the themes emphasized in this course. Among the varied activities in this course, students will research and present a project on a college or university, write a personal mission statement, research a potential career, learn to write resumes, fill out job applications, conduct interviews and manage personal finances.

Accounting 1

Credit: .5 One Semester

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: Accounting I introduce concepts and vocabulary related to accounting for a business. The course is designed to teach the student accounting principles and procedures for keeping financial records for a service business organized as a sole proprietorship and for a merchandising business organized as a partnership. This course could also be applied to the student's own personal use. Units are: analyzing transactions, general journal, general ledger, financial statements, checking and banking activities. The student will complete a business simulation near the end of the course that summarizes accounting activities for a small business.

Accounting 2

Credit: .5 One Semester

Prerequisite: Accounting I

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: In Accounting II, the student reviews the procedures for keeping records for a merchandising business. Automated accounting procedures are used extensively.

Calculation of transactions for purchase discounts and purchase returns, sales discounts and sales returns, and depreciation methods are introduced. This course reviews the accounting cycle as well as introduces departmentalized accounting, plant assets, corporate accounting, inventory, budgetary accounting, and financial statement analysis. A computer simulation summarizing accounting activities for a corporation is completed. The course includes a unit on electronic spreadsheets used for accounting purposes.

Business Management

Credit: .5 One Semester

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This course is designed for students eager to understand the mechanics of the business world. This course lays the groundwork for understanding the real-world intricacies of business planning and execution. Students will gain insights into the foundational concepts of economics, the essentials of cost and profit, and the diverse structures of business types.

Through the course, students will develop key skills in managing finances, understanding taxation and credit, and the basics of funding a business venture. Additionally, they will learn about the societal impacts of business, how to spot a viable business opportunity, and the steps necessary to plan, implement, and market a business effectively.

Artificial Intelligence

Credit: .5 One Semester

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: Students will investigate the broad implications of AI technology such as targeted advertising, facial and voice recognition, and neural networks. Through a combination of group activities, individual explorations, and projects, students will gain familiarity with AI technology and the current state of machine learning. Students will look into the future of AI and discuss the implications of AI technology for self, society, and world.

Daktronics

Credit: .5 One Semester

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This course provides students with hands-on experience operating and managing Daktronics display systems used for school events. Students will learn how to create and display graphics, manage scoreboards, and run digital displays for activities such as athletic events and Assemblies.

Students will also develop skills in communication and responsibility while working in real-time event settings. This course is ideal for students interested in technology, media, and being involved in school events. Students may even qualify to be paid to work at school events.

English 9

Credit: 1 Full Year

Open To: Grades 9

Graduation Requirement: *Required*

Course Description: Students will cultivate the skills necessary to compose the basic essay. These skills include sentence and paragraph development, grammar and usage, punctuation, and vocabulary development. Models and springboards for this composition will be found in the literature study portion of this course. Students will study and analyze basic literary elements found in a variety of literary forms including short stories, poetry, novels, drama, and nonfiction. Students will polish their writing skills and focus on a Shakespearean play and other literature.

English 10

Credit: 1 Full Year

Open To: Grades 10

Graduation Requirement: *Required*

Course Description: This course is designed to continue the study of the basics of communication, including reading and writing. These two semesters will include a focus on the other forms of communication, including speaking, viewing, listening, and media. This year will also focus on the writing process: prewriting, outlining, drafting, and editing. Students will be expected to write seven major papers this semester. The year will include a focused, literary study of a novel, a play, and nonfiction essays to continue the study of previous skills, a unit focusing on media and rhetoric, a short informative research essay, a fictional creative story, and a review of grammatical concepts.

Film Studies A

Credit: .5 One Semester

Open To: Grades 11, 12

Graduation Requirement: Meets 11, 12 English Requirement

Course Description: Students in this course will study the elements of cinematography, media studies, and films considered to be the best in American culture. Students will be expected to read articles based on a variety of film topics, write analytical essays in response to films, and create short media projects. Parent approval will be required for enrollment.

Film Studies (B)

Credit: .5 One Semester

Open To: Grades 11, 12

Graduation Requirement: Meets 11, 12 English Requirement

Course Description: Students in this course will study the elements of cinematography, media studies, and films considered to be the best in American culture. Students will be expected to read articles based on a variety of film topics, write analytical essays in response to films, and create short media projects. Parent approval will be required for enrollment.

College COMP 1011 Composition I

Credit: .75 One Semester

Open To: Grades 11, 12

Graduation Requirement: Meets 11, 12 English Requirement

Course Description: Students will develop a process of clear, concrete, and convincing writing that includes prewriting, drafting, organizing, revising, and editing. They will generate and discover subjects through the writing process. **Successfully passing this class will result in 3.0 college credits in Composition I that can potentially be transferred to other colleges and universities.**



College COMP 1013 Composition II

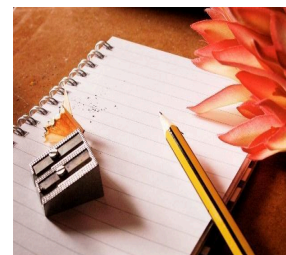
Credit: .75 One Semester

Prerequisite: COMP 1101 Composition I

Open To: Grades 11, 12

Graduation Requirement: Meets 11, 12 English Requirement

Course Description: Students will formulate and answer a research question while writing a research paper(s). They will develop an organizational and persuasive strategy for the topic and audience. Students will formulate a supporting research question/argument with scholarly sources. Major norms of literature from various cultures/historical periods will be analyzed and a variety of essays will be written. Informed, personal responses to literature will be developed. Interpretive skills will be required for appreciation of literature. **Successfully passing this class will result in 3.0 college credits in Composition I that can potentially be transferred to other colleges and universities**



College American Literature

Credit: .75 One Semester

Open To: Grades 11, 12



Graduation Requirement: Meets 11, 12 English Requirement

Course Description: This course is meant to provide student interaction with multiple forms and genres of American literature. It is meant to provide student interaction with the texts and between other students while appreciating inspirations, motivations, and creations that are inspired by American history and experiences. There will be discussion, recognition, and practice of literary terms and movements, expansion and use of vocabulary, honing of writing skills, and development and appreciation of scholastic reading as a whole. These listed skills will be developed through notes and discussion, reading and analysis, presentation and appreciation.

Successfully passing this class will result in 3.0 college credits in Literature I that can potentially be transferred to other colleges and universities.

College World Literature

Credit: .75 One Semester

Open To: Grades 11, 12

Graduation Requirement: Meets 11, 12 English Requirement

Course Description: This course is meant to provide student interaction with multiple forms, time periods, and genres of literature. It is meant to provide student interaction with the texts and between other students. There will be discussion, recognition, and practice of literary terms and movements, expansion and use of vocabulary, honing of writing skills, and development and appreciation of scholastic reading as a whole. These listed skills will be developed through notes and discussion, reading and analysis, presentation and appreciation.

Successfully passing this class will result in 3.0 college credits in Literature I that can potentially be transferred to other colleges and universities.



Mythology (A)

Credit: .5 One Semester

Open To: Grades 11, 12

Graduation Requirement: Meets 11, 12 English Requirement

Course Description: Students in this course will study the history of film and its impact on culture. The course will explore elements of cinematography, media studies, and filmmaking techniques. Students will be expected to read articles based on a variety of film topics, compose analytical writings in response to films, and create short media projects. Students will develop project proposals in collaboration with the teacher to research areas of further study, create projects of student's design, and present to the class. Students will explore themes of technology with a novel study of Frankenstein and connect to contemporary issues. Regular class discussion is frequent through the use of discussion circles. Major areas of focus: silent era, animation, and suspense. Parent/guardian permission forms reviewing and approving of the syllabus is required for students to view the films in class.

Mythology (B)

Credit: .5 One Semester

Open To: Grades 11, 12

Graduation Requirement: Meets 11, 12 English Requirement

Course Description: Students in this course will further develop their evaluation skills of film by focusing on films

considered to be the best in American culture. Students will utilize and develop different evaluation models to analyze/evaluate films in a variety of writings. Students will have a variety of choices in methods of demonstrating learning including writings, presentations, audio podcasts, and video essays. Regular participation in discussion circles will enhance collaborative learning. Major areas of focus: blockbuster films, magical, fantastical, and surreal. Parent/guardian permission forms reviewing and approving of the syllabus is required for students to view the films in class.

Real World Literature (Not offered 26-27)

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets 11, 12 English Requirement

Course Description: This course is designed for students to read selections of non-fiction works including biographies, memoirs, journals, letters, podcasts, documentaries, and more. Students will discuss how authors write for entertainment, information, and purposes other than strictly literary merit.



Creative Writing I

Credit: .5 One Semester

Open To: Grades 11, 12

Prerequisite: Instructor Approval

Graduation Requirement: Meets 11, 12 English Requirement

Course Description: In this course students will explore their creativity in the construction of poetry, prose, memoir, plays, and other formats. There will be emphasis on prescribed writing via topics and writing exercises. Students will study the basics such as descriptive writing, figurative writing, sensory detail, "showing not telling," dialogue, and character, plot, setting, and conflict development. There will also be opportunities for self-expression through topics and formats of students' choosing. All good writers are also readers, so the study of other authors' writing and the writing of peers will also take place. A two-page, typed, double-spaced writing sample in any genre of choice is required.

Creative Writing II

Credit: .5 One Semester

Open To: Grades 11, 12

Prerequisite: Creative Writing I and Instructor Approval

Graduation Requirement: Meets 11, 12 English Requirement

Course Description: This course is a continuation of Creative Writing I, where students will build and expand upon the skills and techniques they learned. The "basics" will still be stressed, but there will also be quite a few more projects that will expand students' learned skills. Instructor approval is required. A two-page, typed, double-spaced writing sample in any genre of choice is required.

Technical Writing (Not offered 26-27)

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets 11, 12 English Requirement

Course Description: This course is designed for students who want to explore writing in the real world - not only in the academic world. Students will explore where writing exists outside of the classroom, the importance of being specific, intentional, and persuasive with their words, and will practice their writing skills in areas of the world we live in.

Family and Consumer Science (FOODS)

Kitchen 101: Learn to Cook Like a Pro

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: In this class, students will learn the basics of cooking and build confidence in the kitchen. You'll practice measuring, using kitchen tools safely, and trying different cooking methods while making simple, real-life meals.

Throughout the course, students will:

- Cook a variety of foods like breakfasts, snacks, & simple meals
- Practice knife skills and learn how to safely use kitchen equipment
- Follow recipes and also make small changes to improve them
- Work in teams to plan, prepare, and clean up meals
- Learn how to read food labels and make healthier choices
- Plan meals for a week and create a grocery list
- Practice budgeting and comparing prices at the store
- Learn how to stay organized and manage time while cooking

We'll also focus on kitchen safety, sanitation, and teamwork to make sure everyone has a positive experience.

By the end of the course, students will feel more confident cooking on their own, making smart food choices, and handling real-life situations in the kitchen. Skills you'll use long after graduation.

Food & Fitness for Life

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: In this class, students will learn how food affects their body, energy, and overall health. We'll explore what nutrients like protein, carbs, fats, vitamins, and water actually do and why they matter in everyday life. Students will have hands-on experience making recipes in the foods lab. Throughout the course, students will:

- Learn how to read and understand food labels
- Explore how eating habits impact energy, mood, and health
- Track and reflect on their own eating patterns
- Plan and prepare balanced meals and snacks
- Learn proper portion sizes and how to build a healthy plate
- Explore how culture, trends, and social media influence food choices
- Compare different diets and nutrition myths

We'll also talk about real-life topics like fast food, sugar, hydration, and how nutrition changes as you grow.

By the end of the course, students will feel more confident making smart food choices and building healthy habits they can use for the rest of their lives. What you eat matters. Fuel your body. Feel your best.

INDUSTRIAL TECHNICAL EDUCATION

CAD (Computer Aided Drafting)

Credit: .5 One Semester

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Elective, but **required** if wanting to take any other industrial tech courses.

Course Description: This course is a manufacturing focused drafting course utilizing Computer-Aided Drafting and Design (CAD) within the field of drafting and manufacturing. Topics covered are advanced computer operations, introduction to manufacturing drafting, CAD applications software, bill of materials for drawings, manufacturing treatments of materials in drawings, shop processes, precision measuring equipment, revision drawings, tolerances and fits, geometric dimensioning, working assembly, development drawings, cabinet drawings, welding drawings and sheet metal assembly drawings.

Beginning Welding A & B

Credit: .5 or 1 One Semester or Full Year

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This is a basic course to familiarize the student with metal working processes. Emphasis is placed on competency in the following areas: machine shop (lathe and mill), sheet metal, welding (arc, oxy-acetylene), wire feed, plasma cutting and metal fabrication. Part of the class time will be spent on lecture, theory and safety. Most of the class work is hands-on and lab oriented.



Beginning Woods A & B

Credit: .5 or 1 One Semester or Full Year

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: Students will learn life-long vocational skills in the design and building of cabinetry. Students will learn how to design their project and draw a set of working drawings. They will select materials for the project. Finally, they will safely use hand and power tools to produce their project. Students will develop their problem-solving skills as they work through the building of their project. The proper and safe use of tools and machines is a requirement of the course. Students will use the table saw, compound miter saw, jointer, band saw, router, plate jointer, and wood lathe. Students will be asked to pay for materials used in making their project. Beginning Cabinets is a prerequisite for the Construction Trades class and Advanced Woods.

Material fee \$75.00.



Advanced Woods A & B

Credit: .5 or 1 One Semester or Full Year

Prerequisite: Beginning Woodworking

Open To: Grades 11, 12

Graduation Requirement Meets Elective Requirement

Course Description: Students will learn advanced woodworking skills in the design and building of cabinetry. Students will learn how to design their project and create a set of working drawings. They will select materials for the project. Finally, students will develop their problem-solving skills as they work through the building of their project. The proper and safe use of tools and machines is a requirement of the course. Students will design and build wood projects which incorporate advanced joinery: dados, Krieg jigs, dovetail, mortise & tenon, box, spline and many other techniques. Students will pay for materials used in making their project. This course is intended to be fun, hands-on and is intended for both females and males.

Material fee will be dependent on the project.

Pirates Cove A & B (repeatable)

Credit: .5 or 1 One Semester or Full Year

Open To: Grades 9, 10, 11, 12

Graduation Requirement Meets Elective Requirement

Course Description: This half or full-year course will provide students with career exploration in the field of graphic design, apparel design, screen-printing, and sign making. Students will learn about design and graphics editing while using Corel Draw software. Each student will experience layout and set up of vinyl cutting and screen-printing processes, including process color separation, screen burning, printing and reclaiming. Besides creating one-of-a-kind apparel for themselves, they will also have experience in marketing, and working on orders for Pirates Cove Store. This course is intended to be exploratory, FUN and HANDS ON!

Community Projects A & B

Credit: .5 or 1 One Semester or Full Year

Open To: Grades 11, 12

Prerequisite: Beginning Woods or Beginning Welding

Graduation Requirement Meets Elective Requirement

Course Description: In this course students will create projects needed or wanted around the school and community. Such projects in prior years have included benches, tables, facings, signage, etc.

Advanced Welding A & B

Credit: .5 or 1 One Semester or Full Year

Prerequisite: Beginning Welding I

Open To: Grades 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This class is for the student who has an interest in advancing their knowledge of the metal processes area. Other class requirements are: repairing, building a project that requires extensive welding, and a community service project. A production project will also be done where students will work in a group to mass-produce a project. This course is intended to be fun, hands-on and is intended for both females and males. Student's skills will be challenged on every manufacturing level throughout the duration of two semesters.





Intermediate Algebra

Credit: 1.0 Full Year

Open To: Grades 9

Graduation Requirement: *Required*

Course Description: This course covers topics such as Foundations of Algebra, Equations, Inequalities, Functions, Linear Functions, Systems of Equations and Inequalities, Exponents and Polynomials, Factoring Polynomials, Quadratic Functions and Equations, Data Analysis and Probability, Exponential and Radical Functions, and Rational Functions and Equations.

Geometry

Credit: 1.0 Full Year

Prerequisite: Intermediate Algebra

Open To: Grades 10

Graduation Requirement: *Required*

Course Description: This course covers topics such as Foundations of Geometry, Geometric Reasoning, Parallel and Perpendicular Lines, Triangle Congruence, Properties and Attributes of Triangles, Polygons and Quadrilaterals, Similarity, Right Triangles and Trigonometry, Extending Perimeter, Circumference, and Area, Spatial Reasoning, Circles, and Extending Transformational Geometry.

Algebra 2

Credit: 1.0 Full Year

Prerequisite: Geometry

Open To: Grades 11

Graduation Requirement: *Required*

Course Description: This course covers such topics as Foundations for Functions, Linear Functions, Linear Systems, Matrices, Quadratic Functions, Polynomial Functions, Exponential and Logarithmic Functions, Rational and Radical Functions, Properties and Attributes of Functions, Conic Sections, Probability and Statistics, Sequences and Series, Trigonometric Functions, and Trigonometric Graphs and Identities.

College Algebra

Credit: .75 One Semester

Prerequisite: Algebra 2

Open To: Grades 11, 12

Graduation Requirement: Elective Math Course

Course Description: Topics covered in College Algebra will be basic algebraic operations, linear/quadratic equations/inequalities, variation, functions and their graphs, the theory of equations, exponential/logarithmic functions, systems of equations, mathematical modeling and applications. **Successfully passing this course (when dual enrolled) will result in 3.0 credits for College Algebra that can be transferred to most colleges and universities**

College Introduction to Statistics

Credit: .75 One Semester

Prerequisite: Algebra 2

Open To: Grades 11, 12

Graduation Requirement: Elective Math Course

Course Description: Topics covered include descriptive statistics, elementary probability, normal distribution, binomial distribution, confidence intervals, tests of hypotheses, correlation, regression, chi-square, ANOVA. **Successfully passing this course (when dual enrolled) will result in 3.0 credits for Introductory Stats that can be transferred to most colleges and universities.**

College PreCalculus I & II

Credit: 1 to 1.25 Full Year

Prerequisite: College Algebra

Open To: Grades 11, 12

Graduation Requirement: Elective Math Course

Course Description: Topics covered in Precalculus include polynomial, rational, exponential, logarithmic, and trigonometric functions, along with their inverses and graphs. Students will explore function operations, composition, and mathematical modeling to solve real-world problems. Additional topics include solving equations, analyzing complex zeros, and working with trigonometric identities, equations, and applications such as the Law of Sines and Law of Cosines. Optional topics may include matrices, conic sections, vectors, and polar coordinates. **Successfully passing this course (when dual enrolled) will result in 4 or 5 credits for college PreCalculus that can be transferred to most colleges and universities**



PHYSICAL & HEALTH EDUCATION

9th Grade Physical Education

Credit: .5 One or Two Semesters

Open To: Grades 9

Graduation Requirement: *Required*

Course Description: Physical Education is a semester long required class for all 9th graders. All 9th graders will also be taking a Health class. Physical Education classes will be during one semester, and Elective class will be during the other semester. Units taught include: Tennis, Volleyball, Basketball, Group Games, Swimming, Nitro Ball, Eclipse Ball, Tchoukball, Speedball, Ultimate Frisbee, Floor Hockey, Fitness Testing, and other activities at the teacher's discretion.

Health

Credit: .5 One Semester

Open To: Grades 10

Graduation Requirement: *Required*

Course Description: The health curriculum is about making healthy choices! We will cover a variety of essential Health topics in a newly designed 10th Grade health class. This class will meet every day for 1 semester. Topics include: alcohol, drug, tobacco, disease, building self-esteem, managing stress, families, environmental and public health, first aid and CPR, safety and risk reduction, and several other health related topics.

Recreational Sports

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This class focuses on developing skills and knowledge related to lifelong physical activity and overall fitness. Students will participate in a variety of individual and team activities that promote health, wellness, and enjoyment of physical activity. Emphasis is placed on building skills, understanding rules and strategies, and encouraging participation in activities that can be continued throughout life. Students will also explore concepts related to personal fitness, goal setting, and maintaining a healthy lifestyle.



Strength and Conditioning

Credit: .5 One Semester

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This class will progress upon students' foundations of strength and conditioning and fitness. Students will learn and execute more complex movements and training methods. This class will also revisit and expand on body wellness concepts that promote a healthy lifestyle. Students will get a better understanding of how physical activity can produce an improvement in physical, cognitive, and social well-being. Individual training goals are set and monitored.

Intro to Sports Officiating (Refereeing)

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This class focuses on developing the knowledge and skills needed to officiate a variety of individual and team sports. Students will learn rules, signals, positioning, and decision-making strategies used in refereeing. Emphasis is placed on communication, confidence, and maintaining fairness and control during competition. Students will have opportunities to practice officiating in game-like situations while building leadership, responsibility, and problem-solving skills. This course is a great option for students interested in sports, leadership, and potential employment opportunities in officiating.

Unified Physical Education

Credit: .5 One or Two Semesters

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: Unified Physical Education is an inclusive sports program that combines students of all abilities to participate in physical education and sports. This course is grounded in the principle that training together and playing together is a quick path to friendship and understanding. Students will engage in various team and individual sports, fitness activities, and lifetime recreational games. Beyond physical activity, the course focuses on developing leadership skills, promoting social inclusion, and building a school climate of acceptance. "Unified Partners" (students without disabilities) will work alongside "Unified Athletes" (students with disabilities) to achieve fitness goals, improve sports-specific skills, and compete in a supportive environment.

Science

Earth and Space Science

Credit: 1 Full Year

Open To: Grades 9

Graduation Requirement: *Required*

Course Description: The Earth Space Science is a laboratory course focusing on the study of space, geologic structures and forces, the waters on our planet, and the atmospheric forces that shape our world. Through experimentation and investigation, students explore Earth systems including the geosphere, hydrosphere, cryosphere, atmosphere, and the carbon cycle. Students learn about scientific inquiry, geologic time, space exploration, the solar system, and the universe.

Biology

Credit: 1 Full Year

Open To: Grades 10

Graduation Requirement: *Required*

Course Description: All 10th grade students are required to complete one full year of biology to meet the graduation requirements at CHS. This class will cover all of the Minnesota Academic Standard benchmarks in the 9 – 12 life science strands. Scientific inquiry will be the fundamental process that will guide student learning. Topics included are cell biology, heredity, biological evolution, ecology and natural cycles, interdependence of organisms, physiology and behavior of invertebrates and vertebrates, and the biodiversity of life.

Chemistry

Credit: 1 Full Year

Open To: Grades 11, 12

Graduation Requirement: Meets Science Requirement

Course Description: This one-year introductory chemistry course will give a general overview of the study of molecules and their interactions. Chemistry is an inquiry-based course that examines matter and the changes it undergoes. The course will give a deeper understanding of the scientific processes that go on around the world and the interconnections among the sciences, technology, society, and the environment.

Physics

Credit: 1 Full Year

Open To: Grades 11, 12

Graduation Requirement: Meets Science Requirement

Course Description: Physics is a college preparatory course for any Junior or Senior that is recommended for those students planning to attend college and major in some field of science. An emphasis is placed on theory and a mathematical understanding of the physics principles that are presented. Coursework involves laboratory activities, in-class assignments, and formal assessments that require students to demonstrate problem-solving skills in the context of a science scenario. Topics that will be covered: motion, forces, work, power, energy, heat, light, sound, electricity, magnetism, optics, and other topics as time permits.

.Integrated Chemistry & Physics

Credit: 1 Full Year

Open To: Grade 11, 12

Graduation Requirement: Meets Science Requirement

Course Description: This course provides an applied, hands-on approach to understanding key concepts from both chemistry and physics. Students will explore topics such as motion, forces, energy, matter, chemical reactions, and basic atomic structure through real-world examples, labs, and interactive activities. Emphasis is placed on building strong foundational skills, problem-solving, and making connections between science and everyday life. Instruction is designed to support skill development through guided practice, collaborative learning, and clear connections to real-world applications. Students who are planning to attend a four-year college, especially in STEM-related fields, are encouraged to consider taking Chemistry or Physics as separate, in-depth courses. Note: Counselor permission is required for enrollment in this course.

Human Anatomy and Physiology

Credit: .5 One Semester

Open To: Grades 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This course is designed to be an advanced study of the human body for students with an interest in pursuing a career in a health-related field. Topics include anatomical structures, physiological systems, body functions, and medical terminology. Students will acquire skills used in the classification of data, experience in oral and written communication of data, and skills in drawing logical inferences and predicting outcomes. Students will apply the principle of physiology to human health and well-being and evaluate the applications and career implications of physiology and anatomy principles.

Oceanography

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: Students learn about ocean features, water properties, marine life, ecosystems, and the impact of human activities and climate change on the ocean.

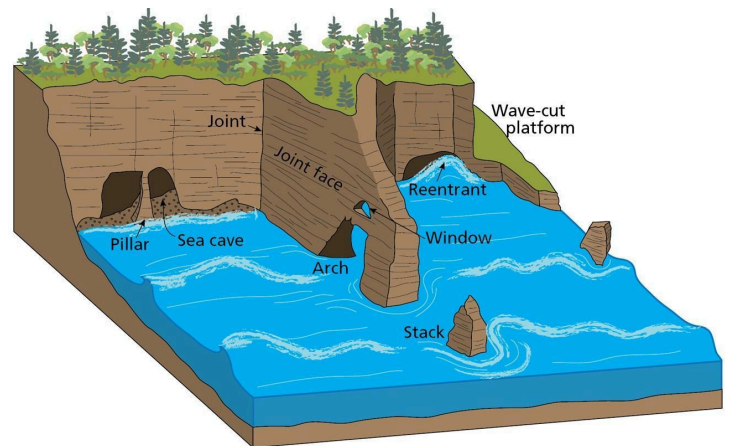
Sports Science

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: Sports Science offers an in-depth exploration of the scientific principles underlying sports performance and physical activity. Emphasizing the intersection of physiology, biomechanics, and psychology. Students will explore how these factors influence athletic achievement and overall well-being. Topics include exercise physiology, biomechanics, sports psychology, nutrition, and injury prevention. Students will conduct research, engage in group and independent work, develop scientific writing skills, and communicate findings through various methods. Instruction includes teacher-led sessions, collaborative group work, independent study, and hands-on lab exercises.



Forensic Science (Not Offered 26 - 27)

Credit: .5 One Semester

Open To: Grades 9, 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: Forensics is a semester long class that introduces students to the scientific methods used to investigate crimes and analyze evidence. Possible topics include; introduction to forensic science, using physical evidence (hair, fingerprints, blood, skeletons, dental records, etc) to identify victims or those guilty of crimes, piecing together evidence, discussion of criminal justice system and evidence. Students thinking about taking this class should be cautioned that crimes, victims, guilty parties, and physical evidence can be upsetting to some people.





Modern Conflicts

Credit: .5 One Semester

Open To: Grades 11, 12

Graduation Requirement: *Meets Elective Requirement*

Course Description: Why do conflicts happen—and how do they shape our world today? In Modern Conflicts, students will explore major global and regional conflicts from the 20th and 21st centuries. Topics may include World War II, the Cold War, terrorism, cyber warfare, and current international tensions. Students will examine the political, economic, cultural, and geographic factors that lead to conflict, as well as the impact on governments, societies, and everyday people. Through case studies, discussions, and analysis of real-world events, students will develop skills in critical thinking, evaluating sources, and understanding multiple perspectives. This course emphasizes the role of global connections, diplomacy, and decision-making in shaping modern history and prepares students to be informed and engaged citizens in an increasingly complex world.

Practical Law

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: Study the basics of our legal system and its history. Study what lawyers do and how/why they do it.



Psychology

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This class is a basic introduction to the way humans think and act the way they do. Topics covered will include human behavior, anatomy of the brain, mental disorders and treatments, memory and thinking, personality, motivation, and research methods.

Sociology

Credit: .5 One Semester

Open To: Grades 10, 11, 12

Graduation Requirement: Meets Elective Requirement

Course Description: This class is a basic introduction to the study of human society. Topics covered include identity, social behaviors, theories of culture, social classes, sex and gender, race and ethnicity, marriage and family and religions.

Personal Finance

Credit: .5 One Semester

Open To: Grades 12

Graduation Requirement: *Required class of 2028*

Course Description: This course helps students build real-life money skills they will actually use after high school. Students will learn how to budget, save, and manage their money, as well as how to use a credit card responsibly and build good credit. Topics also include paying for college (including FAFSA), understanding basic taxes, insurance, and an introduction to investing. Although this course is not required for the Class of 2027, it is highly recommended and provides valuable skills that will benefit students as they transition into adulthood. This course is designed to give students confidence in making smart financial decisions and to help them avoid common financial mistakes.