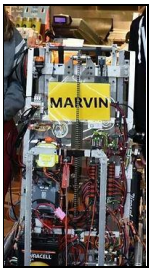
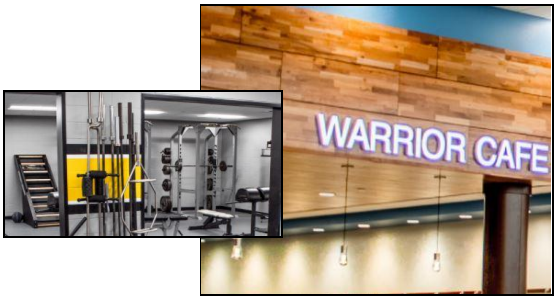
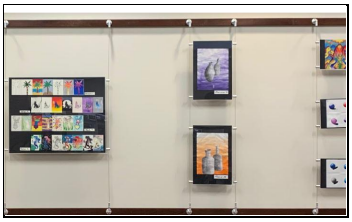
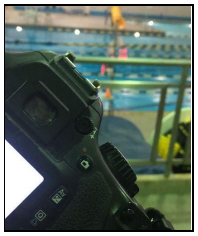
Warroad High School









Registration Guide
2022-2023

Table of Contents

General Information

Welcome! We're glad that you will be joining us for the 2022-23 school year! This booklet has been prepared to enable you to obtain an understanding of the high school curriculum and various opportunities for each student. There are brief descriptions of all courses offered for the 2022-23 school year.

Note: The response to certain classes and the availability of staff may determine whether or not a subject will be taught. In some cases a course may be changed from one trimester to another.

Registration Guidelines

1. Staffing will be based off of course registration, so students will need to remain in the classes they register for.
2. Use your registration guide and review graduation credit requirements. Discuss your class selections with your parents, teachers and high school counselor.
3. Make sure you meet course prerequisites.
4. All students must register for 6 periods each trimester.
5. Students cannot repeat the same courses.
6. Here's a step by step guide on how to register on the Campus Portal. https://kb.infinitecampus.com/help/course-registration-campus-student

Grading Scales

WHS is on a 6 period trimester based schedule.
1 course = .5 credits (unless specified otherwise)
Courses have an unweighted grading scale (unless specified otherwise).

Grade	Percent	Weighted	Unweighted
A	93-100	5.00	4.00
A-	90-93	4.575	3.66
B+	87-90	4.1625	3.33
B	83-87	3.75	3.00
B-	80-83	3.325	2.66
C+	77-80	2.9125	2.33
C	73-77	2.5	2.00
C-	70-73	2.075	1.66
D+	67-70	1.6625	1.33
D	63-67	1.25	1.00
D-	60-63	0.825	.66
F	<60	0.00	0.00

Graduation Requirements

Class of 2023

Total 34 credits minimum + CPR training
+ 10 hours of community service during the senior year.

4.0 credits English (1 credit per grade level)
4.0 credits Social Studies
3.0 credits Mathematics
3.5 credits Science (including one elective)
.5 credit Health
.5 credit Physical Education
1.0 credit Fine Arts
.5 credit of Public Speaking or Professional Communications
.5 credit Personal Finance or Independent Living
.5 credit Technology courses
16.0 credits Electives

Class of 2024

Total 34 credits minimum + CPR training
+ 10 hours of community service during the senior year.

4.0 credits English (1 credit per grade level)
4.0 credits Social Studies
3.0 credits Mathematics
3.5 credits Science (including one elective)
.5 credit Health
1.0 credit Physical Education
1.0 credit Fine Arts
.5 credit of Public Speaking or Professional Communications
.5 credit Personal Finance or Independent Living
1.0 credit Technology courses
15.0 credits Electives

Class of 2025

Total 34 credits minimum + CPR training
+ 10 hours of community service during the senior year.

4.0 credits English (1 full course per grade level)
0.5 credit Professional Communications
0.5 credit Public Speaking
4.0 credits Social Studies
3.5 credits Mathematics (must include 1.0 credit of Algebra II)
4.5 credits Science (1.5 9th, 1.5 10th, 1.0 Chemistry or Physics, .5 Science Elective)
0.5 credit Health
1.0 credit Physical Education
1.0 credit Fine Arts
.5 credit Personal Finance
.5 credit Independent Living
1.0 credit Technology courses
12.5 credits Electives

Class of 2026

Total 34 credits minimum + CPR training
+ 10 hours of community service during the senior year.

4.0 credits English (1 full course per grade level)
0.5 credit Professional Communications
0.5 credit Public Speaking
4.0 credits Social Studies
3.5 credits Mathematics (must include 1.0 credit of Algebra II)
4.5 credits Science (1.5 9th, 1.5 10th, 1.0 Chemistry or Physics, .5 Science Elective)
0.5 credit Health
1.0 credit Physical Education
1.0 credit Fine Arts
.5 credit Personal Finance
.5 credit Independent Living
1.0 credit Technology courses
12.5 credits Electives

College In High School (CIHS)

College in the High School (CIHS) classes are only open to Juniors and Seniors. Students must carry a cumulative 3.0 grade point average to be eligible and pass the Accuplacer test.

Warroad Course	# of Tri's	Required Time Outside of Class per week	Dual Enrollment with	College Course Name	College Credit Potential
CIHS Advanced Chemistry	2	5-6 hours	U of M - Crookston	CHEM 1061 Chemistry Principles I	4
CIHS Advanced Computer Applications	2	TBD	U of M - Crookston	CA 1020 Spreadsheet Applications	3
CIHS Algebra 2	2	TBD	U of M - Crookston	Math 1031 College Algebra	3
CIHS American Government	2	TBD	U of M - Crookston	POL 1001 American Government	3
CIHS Calculus	2	TBD	U of M - Crookston	Math 1271 Calculus I	4
CIHS Environmental Science	2	3-4 hours	U of M - Crookston	NATR 1226 Env. Sci. & Sustainability	3
CIHS Stats	2	TBD	U of M - Crookston	Math 1150 Elementary Statistics	3
CIHS Physics	2	TBD	U of M - Crookston	PHYS 1012 Introductory Physics	4
CIHS Precalculus	2	TBD	U of M - Crookston	Math 1250 Precalculus	4

We believe that we can provide a quality education and some college level credits to help students continue with their education and career focus along with the ability to participate in some successful co-curricular programs.

Your high school teacher has agreed to teach the college version of your class. A university professor will also be assigned to work with your teacher and the class. The professor will supervise your teacher and make sure that you are receiving college level instruction. University registration will be done online with the high school counselor.

- College in the High School (CIHS) is a University of Minnesota Crookston (UMN Crookston) program that delivers University courses, in collaboration with area high schools, to advanced high school students.
- Itasca Community College is accredited by the National Alliance of Concurrent Enrollment Partnerships (NACEP). Read more about concurrent enrollment at the National Alliance of Concurrent Enrollment Partnerships.

Another option to gain college credit is through Articulated Agreements. College credits are available for the courses listed below upon successful completion of course and passing required examination.

Articulated Credit Course	# of Trimesters	College	College Credit Potential
Principles of Solid Modeling	1	TBD	TBD
Introduction to Engineering	2	TBD	TBD

CIHS - Minnesota Transfer Curriculum

Courses listed below are offered at WHS and satisfy the Minnesota Transfer Curriculum Goals and are transferable to any MnSCU school for general education credits. www.mntransfer.org

Goal		Requirements Needed to Satisfy Goal		College Course Name	College Credit Potential
		Course	Credits		
3	Natural Sciences	2 (with labs)	7-8	CHEM 1061 Chemistry Principles I	4
				NATR 1226 Environmental Science and Sustainability	3
4	Mathematical/Logical Reasoning	1	3-5	Math 1271 Calculus I	4
				Math 1031 College Algebra	3
				Math 1150 Elementary Statistics	3
				Math 1250 Precalculus	4
				PHYS 1012 Introductory Physics	4
5	History and the Social Behavioral Sciences	2	6-9	POL 1001 American Government	3

NCAA Guidelines
(National Collegiate Athletic Association)

Students who have plans to participate as student-athletes at Division I or Division II schools must meet specific academic and test score requirements in order to be eligible to participate in their first year in college.
For all eligibility requirements, please refer to the NCAA Clearinghouse website.

It is the student's responsibility to check with Mrs. Lindner as soon as 9th grade to see what courses meet the academic requirements of the NCAA. Students should register with the NCAA Clearinghouse and request that Mrs. Lindner submit an official transcript, late in their junior year or early in their senior year.

ACADEMIC REQUIREMENTS

To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA and earn an SAT or ACT score that matches your core-course GPA.

CORE COURSES

Only courses that appear on your high school's list of NCAA core courses will count toward the 16 core-course requirement; visit eligibilitycenter.org/courselist for a full list of your high school's approved core courses. Complete 16 core courses in the following areas:

DIVISION I

Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

DIVISION II

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

GRADE-POINT AVERAGE

The NCAA Eligibility Center calculates your grade-point average based only on the grades you earn in NCAA-approved core courses.

- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

SLIDING SCALE

Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about sliding scales at ncaa.org/test-scores.

TEST SCORES

You may take the SAT or ACT an unlimited number of times before you enroll full time in college. Every time you register for the SAT or ACT, use the NCAA Eligibility Center code **9999** to send your scores directly to us from the testing agency. We accept official scores only from the SAT or ACT, and cannot use scores shown on your high school transcript. If you take either test more than once, the best subscore from different tests are used to give you the best possible score. More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Fall_B.

Art

Art 1
This course will study the Elements of Art and Principles of Design. It will teach color theory, and basic techniques for other artistic disciplines such as drawing, painting, sculpture, ceramics, and digital art. This is a foundation class that all other art classes will be based off of and will be full of creative fun!
Grades: 9-12
Credit Type: Fine Arts

Art 2
This class covers a variety of concepts and drawing media, painting and color theory, three-dimensional design, pottery, calligraphy and techniques in perspective. Students learn about art history and visual art careers.
Grades: 9-12
Prerequisite: Art 1
Credit Type: Fine Arts

Art 3
This advanced level course will continue a deeper study into the Elements of Art and Principles of Design. It will teach advanced techniques for artistic disciplines such as drawing, painting, sculpture, ceramics, and digital art. This is an advanced level class that will take students to the next level in their artistic mastery.
Grades: 9-12
Prerequisite: Art 2
Credit Type: Fine Arts

Printmaking
This course provides an introduction to a variety of print techniques including chine collé, intaglio, monoprint, lino cuts, or screen printing. Think Andy Warhol's Campbell's soup cans, t-shirt printing, wood cuts, etc. We will be using a variety of inks, carving materials, and presses for printing. If you are looking for something new to spice up your art life...this is it!
Grades: 9-12
Prerequisite: Art 2

Art Course Rotations

Cultural Arts ***Offered in 2022-2023***
This course is about emphasizing the exploration of the fundamentals and history of various cultural crafts & traditions. Students will be introduced to utilitarian and non-utilitarian (decorative) crafts. Projects may include basket weaving, handmade paper, origami, quilting, stained glass, jewelry making, calligraphy, and batik.
Grades: 9-12

Bookmaking ***Offered in 2023-2024***
Learn how to make a variety of books and cards.
Grades: 9-12
Credit Type: Fine Arts

Ceramics 1
This course will teach students several methods of hand building pottery, as well as throwing on the potter's wheel. Students will also learn about various sculptural techniques and have the opportunity to create sculptures in clay. Class presentations, topics and critiques are designed to give the student a better understanding of the materials.
Grades: 9-12
Credit Type: Fine Arts

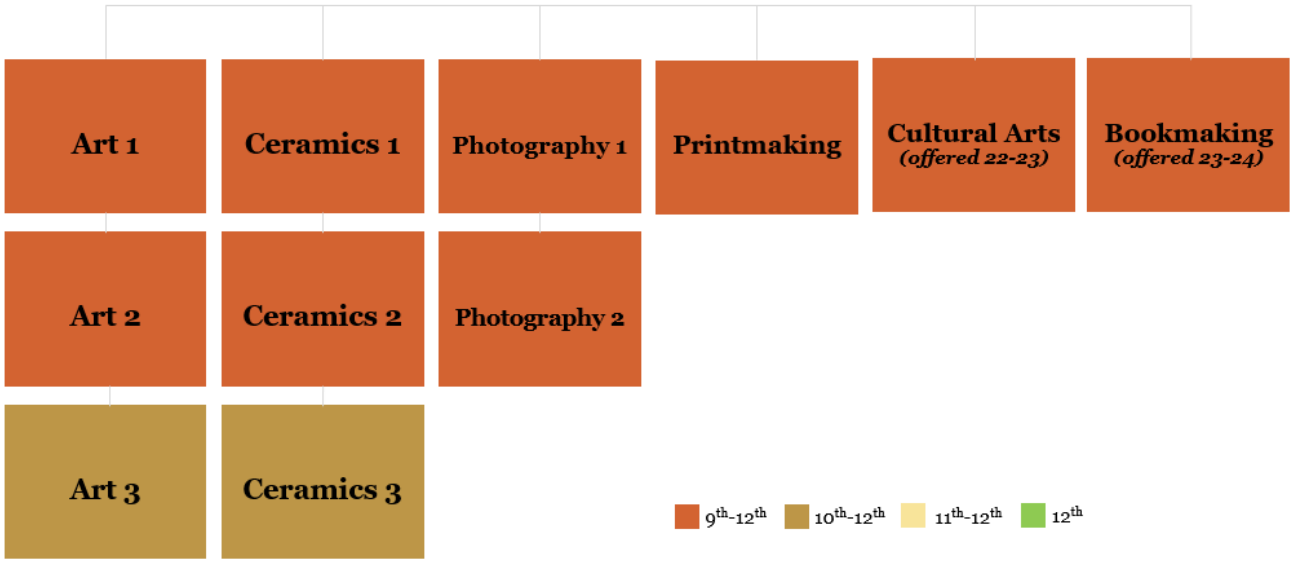
Ceramics 2
Continuation of Ceramics I techniques.
Grades: 9-12
Prerequisite: Ceramics 1
Credit Type: Fine Arts

Ceramics 3
More advanced level class mastering techniques and going bigger and better! Creative sculpture, wheel, handbuilding, and combined forms explored. Collaborative class sculpture and public display included. Experimentation with porcelain and raku clay bodies.
Grades: 9-12
Prerequisite: Ceramics 2
Credit Type: Fine Arts

Photography 1
This course will challenge you to develop your technical skills in the use of your camera. Students will study the Elements and Principles of Design and how they are used in photography to create strong visual compositions. Must be willing to use yourself as a subject. Take your amateur Instagram to a whole new level!
Grades: 9-12
Credit Type: Fine Arts

Photography 2
Continuation of skills discussed in Photography 1.
Grades: 9-12
Credit Type: Fine Arts

ART DEPARTMENT CHART



Business

Computer Applications A & B *(2 trimesters)*

This class will provide students with the necessary introductory skill to use Microsoft Office software, which includes word processing using Word, spreadsheet using Excel, and beginning PowerPoint skills. This is a computer foundation class that all students should take. Students will also receive a basic refresher and practice using proper keyboarding techniques.

Grades: 9-12
Credit Type: Technology

CIHS Advanced Computer Applications A & B
(2 trimesters)

This class will provide students with advanced skills to use Microsoft Office software, which includes word processing using Word, spreadsheet using Excel, and desktop publishing using Publisher. This will help prepare each student with the advanced computer skills necessary when entering college.
Dual Enrollment with: U of M - Crookston
College Course Code: CA 1020 Spreadsheet Applications
College Credit Potential: 3
Required Time Outside of Class: TBD

Grades: 10-12
Prerequisite: Computer Applications
Credit Type: Technology

Accounting 1 A & B *(2 trimesters)*

The purpose of Accounting I is to give students a thorough background in the basic accounting procedures used to operate a business. The procedures presented will serve as a sound background for employment in office jobs and preparation for studying business courses in college. This introductory course will give students an understanding of the basic accounting principles to be used: (1) in related business fields, (2) as vocational preparation, (3) for continued study, or (4) in personal financial activities.

Grades: 9-12
Prerequisite: Algebra 1

Accounting 2 A & B *(2 trimesters)*

The purpose of accounting II is primarily twofold: (1) to prepare those students who are pursuing a career in accounting or a related field; (2) to broaden the scope of an individual who may choose an entry level position. This course will provide an in-depth study of material previously covered in the Accounting I class and will introduce new concepts and procedures in financial and management accounting.

Grades: 10-12
Prerequisite: Acct. 1 with a "B" average or above

Personal Finance

Students will be looking at real life mathematical topics such as balancing a checkbook and bank account, monthly/yearly budgeting, insurance, debt, consumer awareness, big life purchases such as house and car, loans and interest, credit, saving and investing for retirement. Successful completion of Personal Finance or Independent Living is required for graduation from Warroad High School effective 2018-19 school year.

Grades: 9-12

Work-Based Learning Opportunities

Work Seminar

Students will learn various career pathways, explore career interests and analyze potential careers based on salary, growth, training, and responsibilities. Students will learn about and develop hard and soft skills for the workplace and in life. Additionally, students will develop their elevator pitch, create resumes, cover letters and "thank you" letters. They will learn skills and strategies to help them interview. Students will learn about their pay stubs, how taxes and other deductions affect their paychecks, health insurance, and retirement investing options, and they will learn how to complete paperwork for employment.

Grades: 9-12

Business Intern A, B, C

Students will have the opportunity to apply their education in a professional placement that centers around a career-oriented job. A career-oriented job is defined as one that may typically require some sort of post-secondary certificate, licensure, or degree in order to attain a position in said career. The student may be matched with the employer by the teacher or already have a career-based employment where he/she would work during the school day.

Grades: 11-12
Prerequisite: Work Seminar
Credit: 1 period/trimester = .5 credit; 2 periods/trimester = 1.0

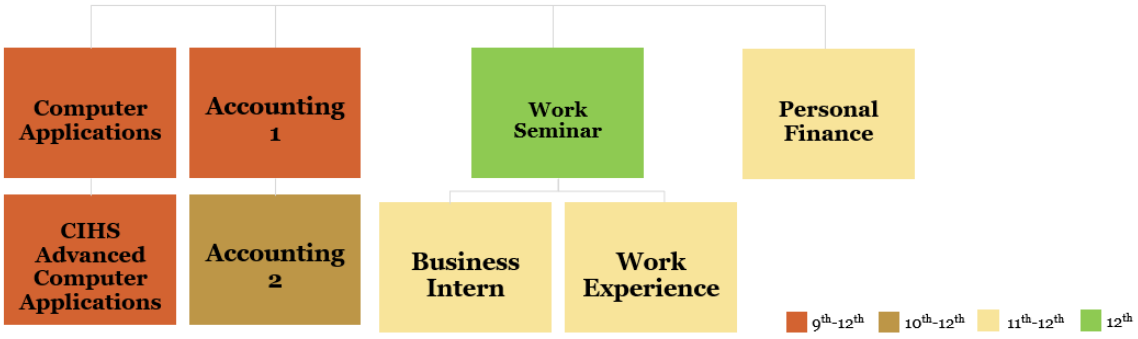
Work Experience A, B, C

Students may NOT "double dip" to earn double credits by working during the school day AND outside of the school day. Students will have the opportunity to earn school credit for working at their jobs a minimum average of 20 hours per week AND completing some weekly assignments that will be work related. Topics may include, but are not limited to: OSHA and work safety, food handling, child labor laws, reading check stubs, ways to become a better employee, communication skills, completing job applications, on-the-job appearance, and conflict resolution.

Grades: 11-12
Prerequisite: Work Seminar
Credit: 1 period/trimester = .5; 2 periods/trimester = 1.0
OR 10 hours work/week = .5; 20 hours work/week = 1.0)

***A student who is fired from his/her job WILL NOT earn credit for the grading period. Students who properly leave one employment and go directly into another employment during a single grading period may still earn credit for Work Experience.

BUSINESS DEPARTMENT CHART



English

English 9 A & B *(2 trimesters)*

The emphasis in 9th grade English will be in language arts and literature. The equivalent of one quarter will emphasize language arts and three quarters will involve the study of literature. The language arts emphasis will be on the review of a sentence, usage, mechanics, and vocabulary. Literature will introduce learners to various world classics, the novel, and the study of William Shakespeare. Students will have several written assignments as they relate to each literary genre. They will also be working hard to formulate a well-developed five-paragraph essay with a strong introduction and thesis statement.

Grade: 9
Prerequisite: English 8

Public Speaking 9

This course is an introduction to speech communication. The class will emphasize the practical skill of public speaking, and it will include discussion and guides to lessen speaker anxiety. There will also be the use of visual aids to enhance speaker presentations. The course will provide students with basic skills needed in a variety of public and daily interactions within society. At the end of the course, students will have developed an understanding of both delivery and proper skills in evaluating public speaking.

Grade: 9

English 10 A & B *(2 trimesters)*

10th Grade English 1 and 2 units of study will incorporate literature readings from the Holt-McDougal 10th Grade Edition textbook, and other related readings (nonfiction and fiction) with skills workshops in language studies (vocabulary, grammar, and usage practice), media studies, listening and speaking skills (discussion and presentations), research and writing (academic and creative). Emphasis will be placed on preparation for the 10th Grade MCA Reading Test.

Grade: 10
Prerequisite: English 9

Honors English 10 A & B *(2 trimesters)*

This course is designed for those students with above average skills in reading and writing and who are interested in pursuing the Advanced English route through high school. Study will include literature readings from short stories, poetry, essay, drama, and the novel in both fiction and nonfiction, with an emphasis on developing higher-level analytical and reading, writing, and speaking skills by introducing argumentative/ rhetorical structures to prepare students for Advanced English 11. Grades are weighted and rigor is advanced to match.

Grade: 10
Prerequisite: B+ or better average in English 9 and recommendation of the English teachers.
Reading & Writing test scores may also factor into the decision.

Professional Communications 10

This course includes the skills in verbal and written communication that students will need to be successful in the workplace. They will also demonstrate proficiency in writing and speaking skills by producing different technical writing products, including reports, presentations, and workplace writing (e.g., technical reports, manuals, using a product or service, proposals, memoranda, cover letters).

Grade: 10

Survival Stories

Shark attacks, avalanches, plane crashes, prison camps, childhood trauma, cancer...the potential for human endurance is often found at the edge of tragedy. Get inspired by reading, watching, and listening to true stories of survivors who beat the odds. This class will address questions surrounding why some people survive in situations where others do not. Students will consider not only what technical skills and tools the survivors had at their disposal, but also the impact of personal strength and resilience on their ability to come out alive.

Grades: 9-12

Fantasy & Science Fiction Literature

In this reading-intensive course, students will explore the progression and expansion of the genres of Fantasy and Science Fiction in literature. Tolkien, McCaffrey, Herbert, Heinlein, Asimov, and Card are some of the authors that will be read and discussed against a variety of themes such as religion, philosophy, morality, and gender. Students will be expected to be able to analyze, discuss, and defend their opinions and others' both verbally and in writing. This course will include opportunities for creative writing from the fantasy and science fiction perspective.

Grades: 9-12

Book Club

If you love to read, and you love to talk about what you read, this is the course for you! We will read and discuss books - it is as simple, and as much fun, as that! Class time will be given for reading.

Grades: 9-12

Film 1 - Suspend Your Disbelief

This class will give you a new appreciation of the art of storytelling through film, while learning the basics of the craft of filmmaking.

Grades: 9-12
Prerequisite: English 9

Film 2

This class will build on the foundations from Film I and the craft of filmmaking. If this is not run as a class, students must present a plan and be approved by the instructor. Students must be willing to display and present their portfolio of work completed at the end of the trimester. This course may be an entire class, depending on the number of students who sign up for the class, or it may be an independent plan, run alongside Film I.

Grades: 11-12
Prerequisite: Film 1 - Suspend Your Disbelief

Non-Fiction in the Kitchen

In this class students will find their inner chef, and celebrate the culinary craft by matching up literature with food. We will read, we will write, we will cook, and we will eat.

Grades: 9-12

English

English 11 A & B *(2 trimesters)*

The emphasis in 11th grade English will be in American literature and language arts. The first half of this course will include study of early American literature through the late 1800s. Short stories, poetry, essay, drama, and the novel will be covered. Language arts will emphasize longer essays and vocabulary skills. The second half of this course includes study of American literature from the early 1900s through contemporary works. Short stories, poetry, essay, drama, and the novel will be covered. Language arts will emphasize longer essays and vocabulary skills. A major research paper will be completed in this half as well.

Grade: 11
Prerequisite: English 10

Honors English 11 A & B *(2 trimesters)*

This course is for those students who have above average skills in English. 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. Extensive discussion of rhetoric will be included. Students will receive an in-depth study of literature, with emphasis placed on developing effective analysis skills. Students will be exposed to American literature from Native American and Puritan texts to present work, developing an informed personal response to that literature and interpretive skills required for an appreciation of American literature across the eras. Introduction to interpretative skills required for appreciation of literature. Grades are weighted and rigor is advanced to match.

Grade: 11
Prerequisite: Honors English 10, 3.0 cumulative GPA, B+ or higher in English, and recommendation of the English teachers. Reading & Writing test scores may also factor into the decision.
Grading Scale: Weighted

The Feminist Lens

This class is about celebrating the female perspective and voice, through study and discussion of literature, film, history and media.

Grades: 10-12

The Feminist Lens 2

This class will build on the foundations from The Feminist Lens. If it is not run as a class, students must present a plan and be approved by the instructor. Students must be willing to display and present their portfolio of work completed at the end of the trimester. This course may be an entire class, depending on the number of students who sign up for the class, or it may be an independent plan, run alongside The Feminist Lens.

Grades: 11-12
Prerequisite: The Feminist Lens

English 12 A & B *(2 trimesters)*

The Literature syllabus is based on the theory that literature is a reflection of real life; lessons are structured around themes and current events, and will encourage analysis of the connection between the text and the human condition. A variety of literature choices will be studied. Academic argument, both in writing and discussion, will be an integral part of assessment. The Writing syllabus is focused on students sharpening communication skills, especially writing, necessary for college, work, and of course, our human connections. A variety of literature and media will be used as communication models. A memoir will be produced as a final authentic assessment.

Grade: 12
Prerequisite: English 11

Honors English 12 A & B *(2 trimesters)*

This course is for those students who have above average skills in English. The composition portion of this class will include writing a research paper/s. Formulating/answering a research question. Developing an organizational/argument strategy for topic/ audience. Supporting research question/argument with scholarly sources. The literature review will include major forms of literature from various cultures and historical periods. Developing an informed, personal response to literature and interpretive skills required for an appreciation of literature. Grades are weighted and rigor is advanced to match.

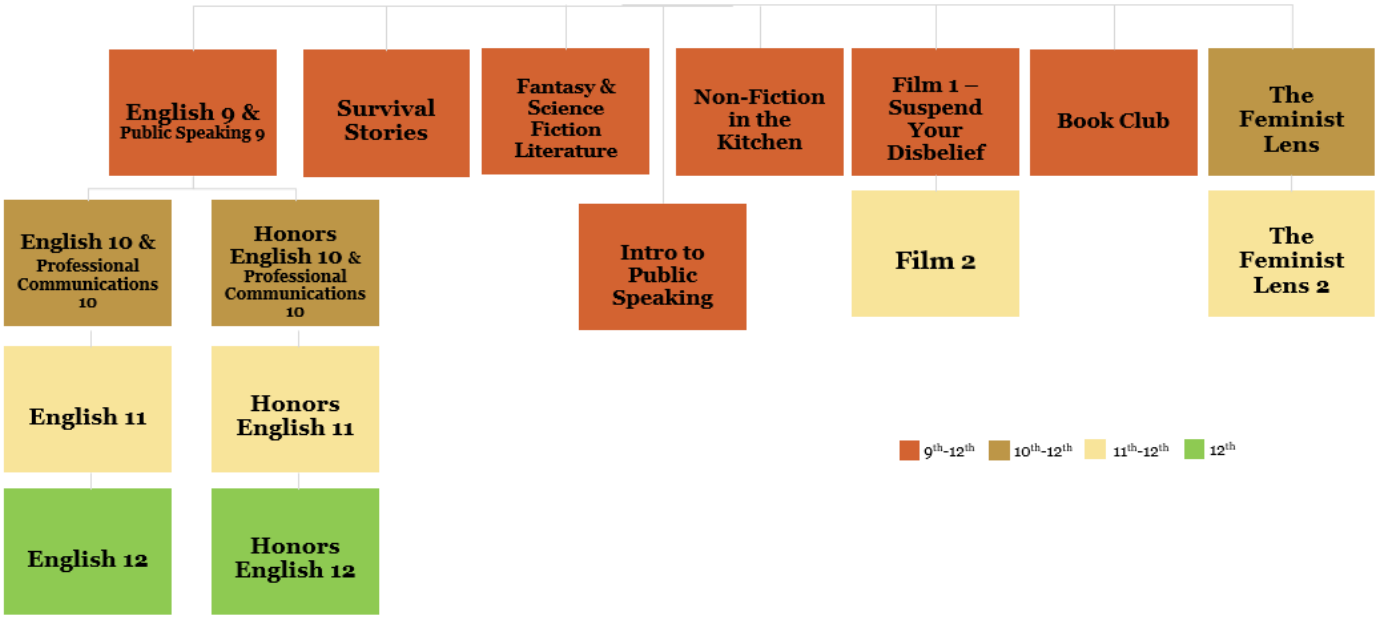
Grade: 12
Prerequisite: Honors English 11, 3.0 cumulative GPA, B+ or higher in English, and recommendation of the English teachers. Reading & Writing test scores may also factor into the decision.
Grading Scale: Weighted

Intro to Public Speaking

Afraid to speak in public? In front of any crowd - no matter how big or small? This class will help you overcome many of your public speaking fears through learning how to prepare and present information in a professional manner, while also giving you skills necessary to speak coherently and confidently.

Grade: 9-12

ENGLISH DEPARTMENT CHART



Family & Consumer Science (FCS)

FCS Exploration

This course provides students the opportunity to learn essential life skills as an overview to the Family and Consumer Sciences department. It allows them to develop skills in food and nutrition, childcare and safety, interior design, clothing construction and style, SMART goal setting, family relationships, personal responsibility, and career exploration.

Grades: 9-12

Culinary 1

Students will acquire knowledge and skill in the preparation of food. Included are basic principles and techniques of food preparation, management of resources, use of recipes, use and care of equipment and evaluation of food products. The courses emphasize safety and sanitation practices. Major topics include: introduction to the hospitality industry; food safety and personal hygiene; sanitation and safety; regulations, procedures, and emergencies; basic culinary skills; culinary math; and food preparation techniques and applications. Students will operate kitchen equipment and tools. Students will also obtain their ServSafe Food Handlers certification. A standards-based plan guides the students' laboratory experiences.

Grades: 9-12

Culinary 2

Culinary Arts II prepares students for occupations and higher education programs of study related to the entire spectrum of careers in the hospitality industry. Major topics include: introduction to the hospitality industry; food safety and personal hygiene; sanitation and safety; regulations, procedures, and emergencies; basic culinary skills; culinary math; and food preparation techniques and applications. Instruction and laboratory experiences will allow students to apply principles of purchasing, storage, preparation, and service of food and food products; apply basic principles of sanitation and safety in order to maintain safe and healthy food service and hospitality environments; use and maintain related tools and equipment; and apply management principles in food service or hospitality operations and laboratory experiences with commercial applications. Student laboratory experiences may be either school based or "on-the-job" or a combination of the two. Work-based experiences in the food industry are strongly encouraged. A standards-based plan guides the students' laboratory experiences. Students will have the option to complete ServSafe Manager certification.

Grades: 11-12
Prerequisite: Culinary 1

Baking 1

This is the first of two courses in which students learn baking and pastry techniques with an emphasis on sanitation and food safety; basic baking fundamentals, tools used in the baking industry; proper measurement of ingredients; and converting formula yields. The students will demonstrate skills in preparing various types of pies, breads, cookies and cakes. Students will also be provided the opportunity to evaluate career options offered in the baking industry. Appropriate work-based learning strategies for this course are field trips, job shadowing, and school-based enterprises. Simulations, projects, and teamwork provide opportunities for application of instructional competencies. Family, Career, and Community Leaders of America (FCCLA) leadership activities provide the opportunity to apply instructional competencies and workplace readiness skills to authentic experiences.

Grades: 9-12

Baking 2

This is the second of two courses in which students learn baking and pastry techniques with an emphasis on sanitation and food safety; basic baking fundamentals, tools used in the baking industry; proper measurement of ingredients; and converting formula yields. The students will demonstrate skills in preparing various types of candies, chocolates, pastries, and food for design. Students will also be provided the opportunity to evaluate career options offered in the baking industry. Appropriate work-based learning strategies for this course are field trips, job shadowing, and school-based enterprises. Simulations, projects, and teamwork provide opportunities for application of instructional competencies. Family, Career, and Community Leaders of America (FCCLA) leadership activities provide the opportunity to apply instructional competencies and workplace readiness skills to authentic experiences.

Grades: 9-12
Prerequisite: Baking 1 or Culinary 1

Media Production A, B, C

This course is designed to be a student-driven exploration of video and television production. Students will have the opportunity to perform all of the functions of a television crew during the production of a weekly broadcast along with other video production opportunities. The course is perfect for those interested in video production, journalism, broadcasting, writing, and technology - a seamless combination of video production and language arts. We will be using top notch video production equipment such as cameras, mics, lighting, greenscreens, teleprompters, production software, and much more while creating content for Warroad Public Schools and the Warroad community.

Grades: 9-12

Teaching Tomorrow's Teachers/Careers in Education

Teaching Tomorrow's Teachers provides the foundation for employment in education and related careers and prepares students for study in higher education. An active learning approach that utilizes higher order thinking, communication, leadership, and management processes will be applied in order to integrate topics into the study of education and related careers. The course of study includes, but is not limited to: the teaching profession, the learner and the learning process, planning instruction, learning environment, and instructional and assessment strategies. This class will explore cross curricular areas such as reading and social studies, including the use of technology in implementing Learning Management Systems used for training and education. Core values and character education; respect, leadership, cooperation, responsibility, self-control, and etiquette will be examined. Essential 21st Century themes will be considered at Exploratory field experiences in one or more classroom settings and career portfolios are required components.

Grades: 10-12

Teaching Tomorrow's Teachers - Internship

This course is designed to provide real-world classroom experiences to students. It is designed to provide a framework for students to develop the attitudes, skills, and work habits necessary to enable successful transition to post-secondary programs in education. This class will meet for one period each day: two days per week are spent in Miss Ashley's classroom, three days will be spent in the hosting teachers classroom. Individual student classroom assignments are determined on teacher request and will require administration approval.

Grades: 11-12

Prerequisite: Teaching Tomorrow's Teachers

Child Development

Child Development is an introductory course for all students as a life foundation and academic enrichment; it is especially relevant for students interested in careers that draw on knowledge of development, and nurturing of children. This course addresses issues of child development from conception/prenatal through age 3. 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. The curriculum of Child Development covers sensitive issues such as STD's, reproductive organs, teen pregnancy, stages of pregnancy, childbirth, child abuse and child development through age three. Students will engage in a significant project using the RealCare babies. Students will also have the opportunity to engage with children while working closely with the Early Learning Center.

Grades: 10-12

Independent Living

This course provides students with the "survival skills" needed, as eventually they will be living on their own. This class focuses on the student's role as a knowledgeable citizen in our society. This class includes post secondary outcomes, career planning, independent living skills, budgeting, consumerism, self-advocacy skills and communication skills necessary to play a vital role in your community. Course content will focus on a variety of subject matter issues, and enable the student to gain confidence and feel empowered in these subject areas. This course is a graduation requirement for 2024 graduates and later.

Grades: 11-12

Community Service and Leadership

Community service is defined as an activity or event which involves work that serves the community supervised by an approved non-profit organization or government agency. The activity or event must have a direct, positive impact on the community. In keeping with the Warrior Way, WHS students LEARN more about their community by becoming actively involved in it, HONOR their community by donating time and effort, and practice SELF-DISCIPLINE as they are accountable to the people for whom they volunteer. In addition to the community service component, students fully engage in leadership opportunities by developing their own community service project. Students will be introduced to human and social services professions through presentations from a variety of guest speakers, job shadowing, field trips and introductory and exploratory field experiences. Case studies, role play, and application of professional codes of ethics will be utilized reflecting the challenges of working in diverse communities. Service learning experiences are highly recommended. Achievement of applicable FACS, academic, and employability competencies will be documented through a student portfolio.

Grades: 11-12

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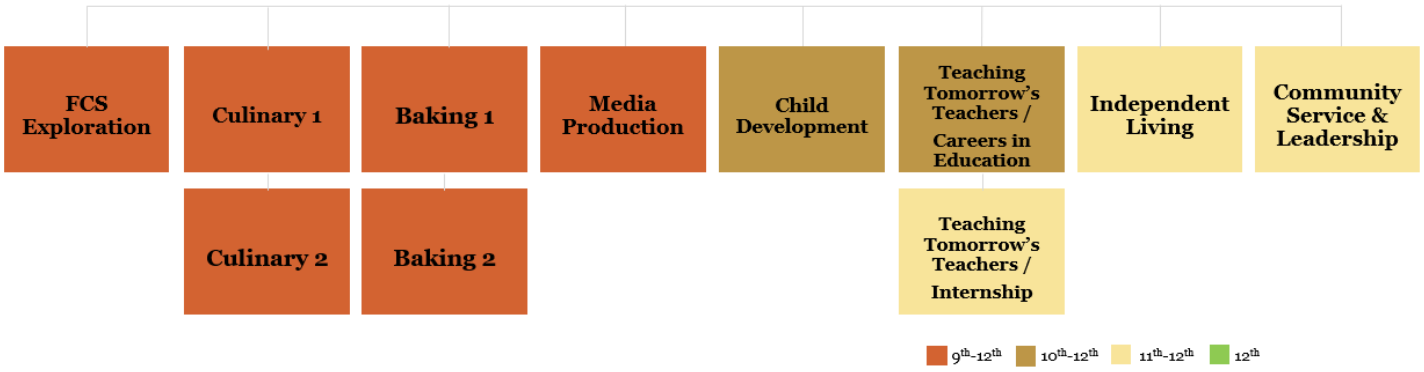


Mathematics

Intermediate Algebra 1 A, B & C *(3 trimesters)*

In this course students will explore linear and non-linear Algebra including: writing and solving functions, scatter plots, inequalities, systems, polynomials and quadratics. This is a basic survey class that may only be taken upon recommendation.

Grades: 9-12

Prerequisite: 8th grade Math & teacher recommendation

Intermediate Geometry A, B & C *(3 trimesters)*

Students in this class will explore the basics of geometry including lines, angles, polygons, and circles. Intermediate Geometry will cover topics related to real world problems. This introductory level class will help students that have struggled in math to be successful in geometry.

Grades: 9-12

Prerequisite: Int. Algebra or teacher recommendation

Intermediate Algebra 2 A & B *(2 trimesters)*

In Intermediate Algebra 2 we will prepare for Algebra 2 by reviewing Algebra 1 and Geometry topics that will be crucial for your success in Algebra 2. This class is recommended for students who need Algebra 1 and Geometry concepts reviewed.

Grades: 9-12

Prerequisite: Int. Geom or teacher recommendation

Problem Solving

Unlock your potential! This class is designed to help you discover problem solving ability. We will use Escape Room-like activities, along with puzzles, equations, riddles and word problems to unleash your true capacity in problem solving.

Grades: 9-10

Art in Mathematics

Discover how math can come to life in the world of art. With hands-on activities, we'll look at the geometry of tessellations, Islamic tiling designs, crocheting hyperbolic planes, and other topics.

Grades: 9-12

Algebra 1 A, B & C *(3 trimesters)*

In Algebra 1A we will cover the following topics: writing and solving functions in algebraic and real life terms. We will also use real world problems to explore scatter plots. The final unit of Algebra 1A will be solving inequalities. In Algebra 1B we will cover systems of equations and inequalities, polynomials and quadratics. Through the study of quadratics we will explore factoring, solving and graphing exponential functions.

Grades: 9-12

Prerequisite: 8th grade Math

Geometry A, B & C *(3 trimesters)*

In Geometry A, students will know and apply properties of angles, lines, polygons and polyhedra using perimeter, area, volume, similarity, and congruence. Students will use logical arguments in the development of these concepts. In Geometry B, Students will learn how to solve problems involving right triangle trigonometry, transformations, coordinate geometry, and circle properties. Students will use logical arguments in the development of these concepts.

Grades: 9-12

Prerequisite: Algebra 1

Algebra 2 A & B *(2 trimesters)*

In Algebra 2A we will review linear algebra topics including graphing, writing and solving equations. We will also explore systems of equations and inequalities including systems in three dimensions. In Algebra 2B we will explore quadratic, polynomial, logarithmic, and exponential functions. If conditions are met, as an 11th grader taking this course, you may qualify for the college credit below:

Dual Enrollment with: U of M - Crookston
College Course Code: MATH 1031 College Algebra
College Credit Potential: 4
Required Time Outside of Class: TBD

Grades: 10-12

Prerequisite: Geometry

CIHS Precalculus A & B *(2 trimesters)*

Some of the topics students will cover include more complex functions, matrices, mathematical theorems, relating rectangular and polar coordinates and equations, properties and formulas of trigonometry and their graphs, and vectors and parametrics. A TI-84 Plus CE calculator is recommended.

Dual Enrollment with: U of M - Crookston
College Course Code: MATH 1250 Precalculus
College Credit Potential: 4
Required Time Outside of Class: TBD

Grades: 11-12

Prerequisite: Algebra 2 and 3.0 GPA

Grading Scale: Weighted

CIHS Statistics A & B *(2 trimesters)*

Students will cover topics of organization of data, averages and variation, regression and correlations models, elementary and probability theory, normal and sampling distributions, the use and applications of technology is pardine, so students are required to own their own graphic calculator for this class. A TI-84 Plus CE calculator is recommended.

Dual Enrollment with: U of M - Crookston
College Course Code: Math 1150 Elementary Statistics
College Credit Potential: 3
Required Time Outside of Class: TBD

Grades: 12

Prerequisite: Precalculus and 3.0 GPA

Grading Scale: Weighted

CIHS Calculus A & B *(2 trimesters)*

Topics include Limits and continuity, derivatives and its uses, related rate problems, in finding length of curves, in finding surface areas, the definite integral and their applications, and L'Hopital's Rule. A TI-84 Plus CE calculator is recommended.

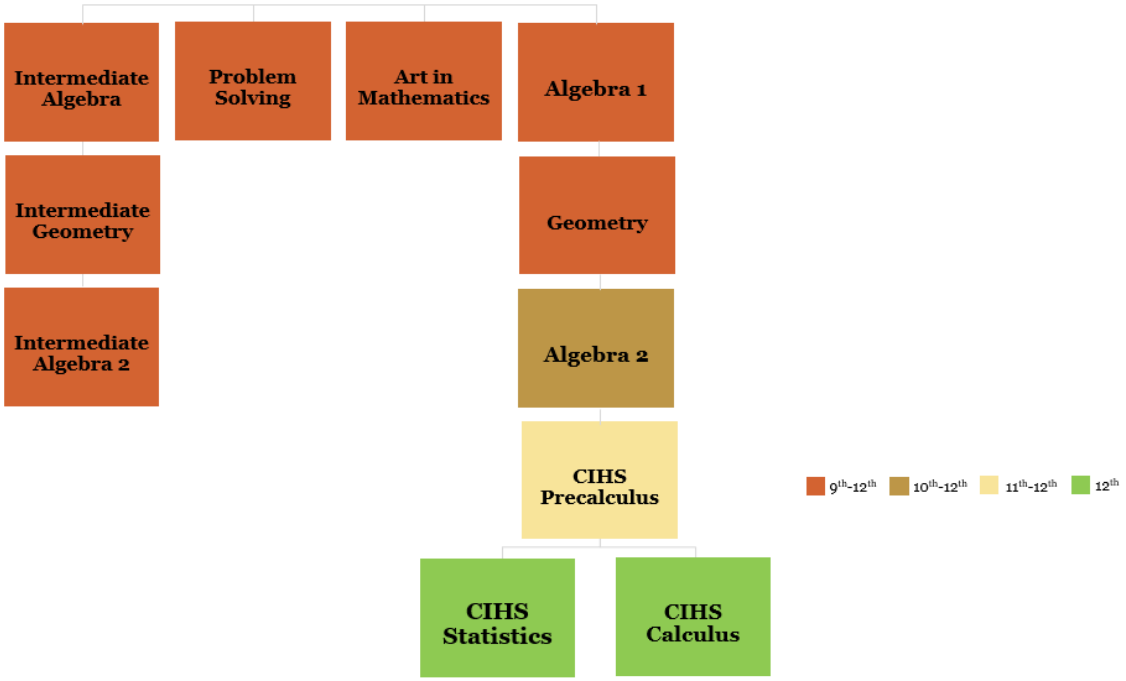
Dual Enrollment with: U of M - Crookston
College Course Code: CHEM 1201 General Chemistry I
College Credit Potential: 4
Required Time Outside of Class: TBD

Grades: 12

Prerequisite: Precalculus and 3.0 GPA

Grading Scale: Weighted

MATH DEPARTMENT CHART



Music

All Music courses may be taken each year for additional credit.

Concert Band A, B & C *(3 trimesters)*
Concert Band is the major instrumental performing group in High school. Concert Band provides music at most sports events and will participate in at least 4 to 5 concerts each year in addition to participating in district and region music contests. Music played will consist of music of several styles and periods. Attendance is required at all performances. Awards are based on participation and success of solos, ensemble, volunteer endeavors, and successful completion of band. Participation in the program is based upon the discretion of the Band Director.
Grades: 9-12
Prerequisite: 7th-8th grade band
Credit Type: Fine Arts

Jazz Band A, B & C *(3 trimesters)*
This class is about experiencing and performing jazz music in a traditional big band setting. From traditional swing to latin music, big band to combos. Class will include learning about improvisation, as well as, reading and understanding chords, and other elements of jazz music. Traveling opportunities may be included.
Grades: 9-12
Prerequisite: 2 years in band or audition by instructor
Credit Type: Fine Arts

Introduction to Guitar
This course is designed for students with little or no previous guitar experience. Students will receive guidance and direction in solving problems related to playing the guitar at a beginning level and will learn many of the different styles, skills and techniques required to become a successful guitarist. Areas of concentration include: identifying parts of guitar, tuning and care of instrument, correct posture, note reading, aural skills, singing songs, rhythmic patterns, chord study, finger-picking styles, musical forms, improvisation and performing experiences.
Grades: 9-12
Credit Type: Fine Arts

Schola Choir A, B & C *(3 trimesters)*
This introductory choir is open to all interested who enjoy singing. This class is appropriate for those beginning their music studies, who enjoy singing with others, who wish to learn basic music concepts, and learn how to sing well. No prior choral experience is required. This choir performs several concerts a year and participates in the annual MSHSL District and Regional music contests at Levels II and III. Good choral music is learned and performed. Student musicians are expected to give their best effort and deliver meaningful results. Attendance is required at all performances and homework is given.
Grades: 9-12
Credit Type: Fine Arts

Chamber Choir A, B & C *(3 trimesters)*
This is the varsity vocal performing group by audition only. This class is appropriate for those wishing to sing at the highest level, and who plan to continue their studies and participation in music at the college level or after school. Students must already be musically literate, have solid music skills, and have prior successful choral experience. This choir performs several concerts a year and participates in the annual MSHSL District and Regional music contests at Level I. Other music opportunities within the group include solo and ensemble work for recitals, performances, and for festival participation/ evaluation. Challenging choral repertoire is learned and performed, musicians are expected to work hard, sing solos, engage in rigorous music study, and deliver meaningful results. Attendance is required at all performances and homework is given. Students in this class may letter in choir.
Grades: 9-12
Prerequisite: Audition by instructor
Credit Type: Fine Arts

Native American Studies

Beginning Native American Arts

Students will learn about traditional and modern contemporary Native American art. Students will learn three different beading stitches. They will take these skills and make projects out of beads and leather such as necklaces, keychains, baby moccasins, and stuffed toys.

Grades: 9-12
Credit Type: Fine Arts

Intermediate Native American Arts

Students will learn about traditional and modern contemporary Native American art. Students will learn three different beading stitches. They will take these skills and make projects out of beads and leather such as necklaces, keychains, baby moccasins, and stuffed toys.

Grades: 9-12
Prerequisite: Beginning Native American Arts
Credit Type: Fine Arts

Advanced Native American Arts

Students will continue to learn about traditional and modern contemporary Native American art. Students will work independently and be expected to be self-motivated. There is a research paper that is to be completed.

Grades: 10-12
Prerequisite: Inter. Native Am. Arts and instructor permission
Credit Type: Fine Arts

Capstone Native American Arts

Students will design, plan and create a series of advanced Native American Arts projects. Students must be approved by the instructor and have a learning plan approved by the department. Students must be willing to display and present their portfolio of work completed at the end of the trimester.

Grades: 10-12
Prerequisite: Adv. Native Am. Arts and instructor permission
Credit Type: Fine Arts

Ojibwe Culture

Students will begin to learn the Ojibwe culture through the use of the Mishomis books and other forms of media. Some topics covered will be the Creation Story, the evolution of Original Man (Anishinaabe), Nanaboozhoo, Clan System, Sacred Pipe, the Great Flood and Migration. The importance of Sacred Items and Traditional teachings will also be given attention.

Grades: 9-12

Ojibwe History

Students will use a number of readings in order to learn about the History of the Ojibwe. Some topics covered will be the Early European Contact, Treaty Period, Loss of Land, Termination Period, Re-location and Self-Determination Period, Foundations of Modern & Traditional Tribal Governments.

Grades: 9-12

Ojibwe Language

Students will learn the foundations of the Ojibwe language. They will strive to be able to read, write, and speak at a beginners level. Exams will be given in written and oral form. There will be a great emphasis on memorization. There will also be supplemental readings such as current events.

Grades: 9-12

Physical Education/Health

Health 9

General areas of health will be covered including drugs, alcohol, tobacco, diet and exercise, and eating disorders. First aid will be stressed and friend/family level CPR skills will be taught. Students will work on group projects involving research in current health related problems.

Grade: 9

Weight Training

To increase the students interest in developing and maintaining a healthy body through exercise and weight training. Students will learn the proper weight training techniques and the use of proper form. Proper stretching and flexibility exercises are also important to weight training. Safety techniques will be used.

Grades: 9-12

Advanced Weight Training

To increase the students interest in developing and maintaining a healthy body through exercise and weight training. Students will learn the proper weight training techniques and the use of proper form. Proper stretching and flexibility exercises are also important to weight training. Safety techniques will be used.

Grades: 10-12

Prerequisite: Weight Training

Winter Sports

Students will participate in sports such as skating, basketball and broomball.

Grades: 9-12

Warrior Fitness

Warrior Fitness consists of constantly varied functional movements performed at high intensity. There will be different workouts daily with some benchmark workouts performed every couple of weeks. Olympic lifting will be explained and used during workouts as well as many other lifts. Each day will bring a new and challenging workout for your enjoyment.

Grades: 9-12

Warrior Fitness Girls

Warrior Fitness consists of constantly varied functional movements performed at relatively high intensity designed specifically for girls. There will be different workouts daily with some benchmark workouts performed every couple of weeks. Olympic lifting will be explained and used during workouts as well as many other lifts. Each day will bring a new and challenging workout for your enjoyment.

Grades: 9-12

Prerequisite: Females only

Competitive Sports

A class that will have everyone playing and learning team sports that we have here in Warroad and around the world; football, basketball, volleyball, soccer, softball, lacrosse, badminton, ping pong and many more will be the focus of the class. Be ready to have fun and learn the game at the same time.

Grades: 9-12

Dance/Yoga

Yoga Meets Dance in this mash-up. This class will combine exotic world beat rhythms, guided dance movement, liberating free dance, gentle yoga, movement therapy, meditation, deep relaxation in this transformational class.

Grades: 9-12

Science

**Most college admissions programs require 3 years of high school science, including one year of a laboratory science. Some Colleges (such as the University of Minnesota's College of Management, College of Biological Science, and College of Science and Engineering) require high school chemistry and physics for admissions to their programs.*

Physical Science 9 A, B & C *(3 trimesters)*

Physical Science 9 covers introductory chemistry and physics topics. Students will be exploring the principles, theories, and assumptions that guide our understanding of the world and universe. In these two trimesters of physical science, we will explore the following topics: matter, atoms, elements and an introduction to the periodic table, compounds and mixtures, chemical formulas, velocity, acceleration, forces, Newton's Laws of Motion, energy, sounds, and waves. This course will also introduce the physical science tools used in laboratory procedures with an emphasis on demonstrations, labs, mathematical models, and methods. Throughout the course, students will also be introduced to the historical figures pertinent to the advancement of Physical Science theories and laws.

Grade: 9

Biology A, B & C *(3 trimesters)*

The first trimester of biology will cover the following: what is Biology, the living conditions, chemicals necessary for life and their formation, the structures of life, life processes, growth and reproduction of cells. Through those topics students will be learning about the cell, what it's made of, the organelles, and it's basic metabolic processes. The second trimester will consist of studying heredity, evolution, ecology and ecosystems.

Grades: 10-12
Prerequisite: Physical Science

Honors Biology A, B & C *(3 trimesters)*

This course is for the student that has a 3.3 cumulative grade point average or above. This class moves at a faster pace than regular biology. The first trimester of Honors Biology will cover the following: what is Biology, the living conditions, chemicals necessary for life and their formation, the structures of life, life processes, growth and reproduction of cells. Through those topics students will be learning about the cell, what it's made of, the organelles, and its basic metabolic processes. The second trimester will consist of studying heredity, evolution, ecology and ecosystems.

Grades: 10-12
Prerequisite: 3.3 GPA and Physical Science

CIHS Physics A & B *(2 trimesters)*

Motion graphs, force vectors problems, Torque, Incline block problems, Specific Heat, Free falling bodies, Angular speed and acceleration, fluid pressure, Newton's Gravitational Law, sound waves, wavelength, Snell's Law, conservation of momentum, mechanical waves, Archimedes' Principle, spring laws, mirror problems, pendulum problems, polarization of light, diffraction grating of light, and voltage/current problems.
Dual Enrollment with: U of M - Crookston
College Course Code: PHYS 1012 Introductory Physics
College Credit Potential: 4
Required Time Outside of Class: TBD

Grades: 11-12
Prerequisite: Algebra 2 & 3.0 GPA

Chemistry in the Community A & B *(2 trimesters)*

This course will cover the basic principles of Chemistry, with less emphasis on math compared to the advanced chemistry course. During the first trimester, students will learn about the elements and their basic properties, types of compounds, minerals, % composition, and types of chemical reactions. During the second trimester, students will learn about gas laws, organic chemistry, nuclear chemistry and acids and bases. Students will learn about various applications of chemistry in industries such as mining, electroplating, and manufacturing. Laboratory work will be an integral part of this course, allowing students a "hands on approach" to learning about each chemistry topic.

Grades: 11-12
Prerequisite: Biology

CIHS Advanced Chemistry A & B *(2 trimesters)*

This course serves as an excellent preparation for the more rigorous chemistry courses, which may be taken in college. This course is recommended for students interested in attending a four year college. The course will cover the basic principles of chemistry, which will be needed for further science coursework in college. In the first trimester of the course, students will learn about measurement and matter, atomic structure and theory, elements and the periodic table, ionic and covalent compounds, the quantity of the "mole," and chemical reactions. In the second trimester of the course, students will learn about stoichiometric relationships, thermochemistry, acid and base chemistry, and gas laws. Laboratory work will be an integral part of this course, allowing students a "hands on approach" to learning about each chemistry topic.
Dual Enrollment with: U of M - Crookston
College Course Code: CHEM 1061 Chemistry Principles I
College Credit Potential: 4
Required Time Outside of Class: 5-6 hours per week

Grades: 11-12
Prerequisite: 3.0 cumulative GPA as a junior and a 2.5 cumulative GPA as a senior, meet the accuplacer requirements, completion of Algebra II with C- grade or higher.
Grading Scale: Weighted

CIHS Environmental Science A & B *(2 trimesters)*

Environmental Science students will examine the relationships between plants, animals, and their physical surroundings, focusing on human factors that impact the environment. Students in this class should expect to gain an appreciation for the environment and how easily it can be destroyed. Environmental science is an applied science.
Dual Enrollment with: U of M - Crookston
College Course Code: NATR 1226 Issues in Sustainability
College Credit Potential: 3
Required Time Outside of Class: 3-4 hours per week

Grades: 11-12
Prerequisite: 3.0 GPA and Biology
Grading Scale: Weighted

Science

Human Anatomy/Physiology A & B *(2 trimesters)*

This course will be taught in units, each covering a specific system in the human body. The course units will involve all of the following: skeletal system, muscular system, skin, nervous system, digestive system, endocrine system, cardiovascular system, immune system, reproductive system, and others. For each system, we will discuss the anatomy and physiology associated with it along with diseases in those systems.

Grades: 10-12

Prerequisite: C in Biology or instructor approval

Health Occupation

The course provides the opportunity to explore allied health professions and will prepare the students with the necessary knowledge and skills to make an informed decision in choosing a health field program of study. The students will learn about the requirements, roles, and responsibilities of various occupations in the health field through faculty presentations, resource exploration, job shadowing, and interviews. Students will explore the various ethical, legal, and financial factors influencing the healthcare system and the settings where health professionals are employed through lectures, readings, discussion, group work and hands-on activities. Students will be encouraged to further their knowledge in a particular health career through participation in job shadowing experiences or an interview of a health professional.

Grades: 9-12

Astronomy

A course covering our changing understanding, relationship, and the workings of our Universe. Beginning with the moon (how early calculations were made for distances), the solar system, and our own Milky Way Galaxy! The constellations and the stars that make them up, to help give individuals an appreciation of what they are seeing in the night sky. Some of the history of past Astronomers and their contributions.

Grades: 10-12

Prerequisite: Algebra 2 (ability to work with equations) & must be able to meet for 4 nightly observations using the telescopes.

Medical Terminology

This course covers prefixes, suffixes, and word roots used to compose medical terms. Students learn to spell, pronounce, define, analyze, and formulate terminology related to body structure, disease, diagnosis, and treatment. Medical abbreviations are also covered.

Grades: 9-12

Zoology

This course looks at local organisms and their biological classes. Organisms that will be studied include: mammals, reptiles, birds, amphibians, fish, and insects. Students will learn about animal behavior, interaction, and structures. Students will classify organisms within the biological classes. Students will also learn to identify local animals.

Grades: 9-12

Outdoor Science

Outdoor Science is a hands-on applied science that covers the main branches of natural resources including aquatics, forestry, and wildlife. Students will be going outside once or twice a week, and will learn skills and practices used in environmental sciences. Interwoven themes of the class are biodiversity, sustainability, and management.

Grades: 9-12

Science Fair

Students will spend the first trimester designing a project to be presented during the science fair at Bemidji State University during the winter. The project topic and design can be through any science field ranging from Behavioral and Social Sciences (BEHA), Biochemistry (BCHM), Biomedical and Health Sciences (BMED),Cellular and Molecular Biology (CELL), Chemistry (CHEM), Computational Biology and Bioinformatics (CBIO), Earth and Environmental Sciences (EAEV), Embedded Systems (EBED), Energy: Chemical (EGCH), Energy: Physical (EGPH), Engineering Mechanics (ENMC), Environmental Engineering (ENEV), Materials Science (MATS), Mathematics (MATH), Microbiology (MCRO), Physics and Astronomy (PHYS), Plant Sciences (PLNT), Robotics and Intelligent Machines (ROBO), Systems Software (SOFT) and any branch of those sciences. Students will be given a timeline to complete parts of their projects that will lead up to a finished project and presentation by the end of the trimester.

Grades: 9-12

Forensic Science 1

Forensic Science 1 is the study and application of science to matters of law. Forensic scientists examine the association among people, places, things, and events involved in crimes. A forensic scientist's main job is to study the different types of evidence found at a crime scene. Students in this course will cover the following Forensic Science Topics: Introduction to Forensic Science and Types of Evidence, The Crime Scene and Fingerprinting, Hair and Fibers analysis, and a basic introduction to Crime Scene Drugs and Toxicology.

Grades: 10-12

Prerequisite: Biology or concurrent enrollment in Biology

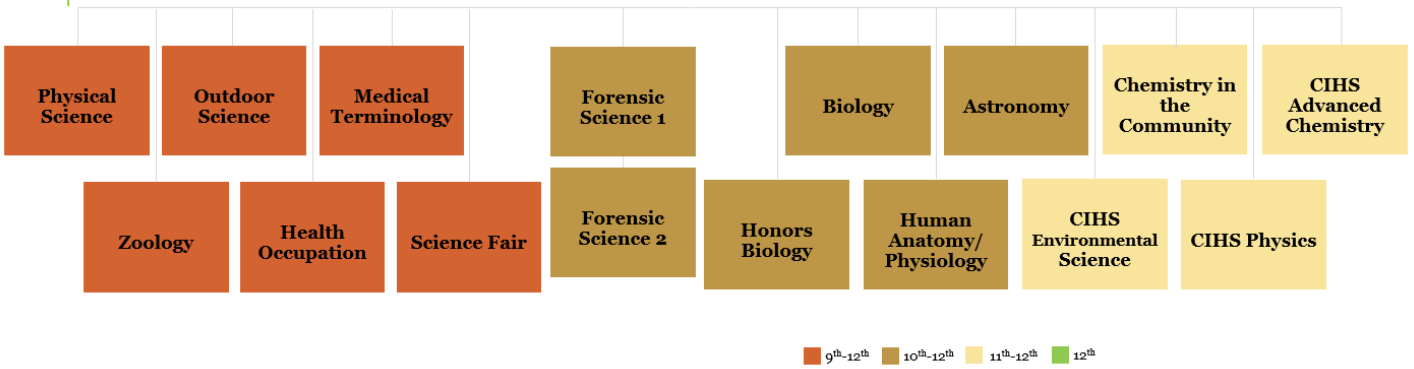
Forensic Science 2

Forensic Science 2 is a continuation of the concepts learned in Forensic Science I. In this course, students will cover the following Forensic Science Topics: Crime Scene Toxicology Poisons and Alcohol, Trace Evidence, Soil and Glass Analysis; Blood, Blood Splatter, and DNA; and Entomology (bugs found at a crime scene).

Grades: 10-12

Prerequisite: Biology or concurrent enrollment in Biology and successful completion of Forensic Science I

SCIENCE DEPARTMENT CHART



Social Studies

An important part of your high school education is the manner with which you view the role of the United States in the development of world affairs. Social Studies courses explore historical developments, social mores, physical and political geography and economics concepts. Individually these courses provide an insight into an aspect of the social and political development of the world in which we live. Together they will provide students with information necessary to make rational decisions about issues which face us now and may confront us in the future.

Civics 9 A & B *(2 trimesters)*

Four major topics are covered in Civics: government, the economy, citizenship, and social problems. National, State and Local governments will be studied from the standpoint of makeup and function. A citizen's privileges as well as responsibilities will be dealt with. The American economic system will be covered. Urban concerns, crime, ecology and careers are but a few topics covered under social problems. A unit will focus on the exploration of careers available and interest inventories to assist in development of an idea of occupational choices. Current Events is also an important aspect of the course.

Grade: 9

US History 10 A & B *(2 trimesters)*

World History will deal primarily with the history of Western Civilizations. Students will study the impact and lasting contributions of ancient civilizations. Economic, political and cultural history will be studied with a focus on examining how those contributions and developments led to the modern era.

Grade: 10

World History

World History will deal primarily with the history of Western Civilizations. Students will study the impact and lasting contributions of ancient civilizations. Economic, political and cultural history will be studied with a focus on examining how those contributions and developments led to the modern era.

Grade: 11

Human Geography

World areas will be studied by considering how physical, cultural, economic, and political geography can affect world affairs. Units will focus on a common theme and use examples from around the world to illustrate and explore those concepts.

Grade: 11

Senior Social

This course will be an American Government course. An understanding of local, state, and national government will be attained as well as current domestic and foreign occurrences.

Grade: 12

Economics

Students will learn about basic economic concepts in this class. The class also includes units on personal finance including buying a house and car, investing, and buying insurance.

Grade: 12

Current Events

This course will focus on current events and issue literacy. By examining current events around the globe students will gain an understanding of the issues and the impact of world events. Students will study a variety of topics and utilize a variety of resources throughout the course.

Grades: 9-12

CIHS American Government A & B *(2 trimesters)*

This course is designed to help seniors develop an in-depth understanding of the organization and functioning of the U.S. Federal Government. CIHS American Government will provide competent students with a college level course to challenge their abilities. This course will satisfy the graduation requirements in Social Studies for seniors.

Dual Enrollment with: U of M - Crookston
College Course Code: POL 1001 American Government
College Credit Potential: 3
Required Time Outside of Class: TBD

Grade: 12
Prerequisite: Prior Approval and 3.0 GPA
Grading Scale: Weighted

Aviation History and Introduction to Flight

Students in Aviation History/History of Flight will take a look at the history of human flight, from its earliest attempts to the technology of commercial and general aviation today. Also, students will learn the basic science behind powered flight, an introduction to basic flight control, and insight into the legal requirements to fly under the various FAA required license areas. Special attention will be paid to the many career opportunities available in aviation.

Grades: 10-12
Prerequisite: Geometry

Aviation History and Introduction to Flight 2

Students in Aviation II will explore content relating to the FAA Private Pilot written test, discuss and practice advanced flight maneuvers, and further study career options in the field of aviation. Practical flight protocol will be introduced and students will demonstrate proficiency through the use of a flight simulation lab. Off-site locations, to include tours of local aviation-related sites, will extend the classroom to enhance a real-world understanding of the aviation industry and culture.

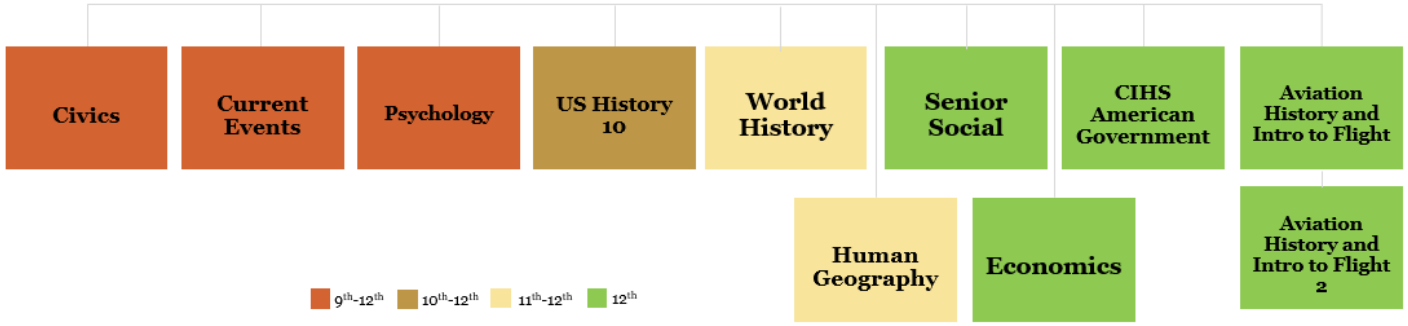
Grades: 11-12
Prerequisite: Aviation History and Intro. to Flight & Geometry

Psychology

This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality theory, social psychology, and other relevant topics. If you're wondering why people do some of the things they do, or think the way they think, take this class and find out more.

Grades: 11-12

SOCIAL STUDIES DEPARTMENT CHART



Technology/Industrial Technology

Society's move into the "information age" has made technology education/industrial technology more important than ever. Many of the good paying and available jobs, from manufacturing production; to service repair/maintenance; to the various engineering fields, require knowledge in a number of technical areas. Along with career preparation and/or exploration, all people must be knowledgeable of their technological environment so they can make rational decisions about their own lives in controlling their own destiny. The Technology/Industrial Technology courses are twofold. They continue to serve those who are planning a career in industry by providing technical information and an opportunity to develop skills through hands-on activities. These courses also provide for a development of technological literacy which is an awareness in our technological society.

Intro to Engineering & Design A & B *(2 trimesters)*

Students will explore drawing and 3D computer design modeling of objects using Autodesk Inventor software. Students will design 2 projects of their choice and focus on the application and visualization process of a product and how a model of that product is produced using a CAD system.

Grades: 10-12
Credit Type: Technology

Capstone Engineering

Students will work on a cross section of engineering by exploring Bio, Chemical, Civil and Manufacturing. Students must be approved by the instructor and have a learning plan approved by the department.

Grades: 11-12
Prerequisite: Intro to Engineering & Design
Credit Type: Technology

Girls in I-Tech

Introductory exploration of a wide variety of design processes and machinery in the tech department. Girls will have the opportunity to create unique introductory level projects that are of interest to them.

Grades: 9-12
Prerequisite: Females only
Credit Type: Technology

Robotics

Students will explore robotics, sensors, and programming. Students will use the LEGO Mindstorm EV3 robots to understand programming and the use of sensors in robots to help understand robotics operations. Students will wro into industrial applications and help with the development of and understanding of full size robots in the form of FIRST Robotics.

Grades: 9-12
Credit Type: Technology

3D Modeling & Design

This class focuses on 3D modeling software and basic drawing functions. Students will utilize rapid prototyping software and hardware such as Inventor, Fusion, Laser cutter and 3D printers. Students will become proficient in the use of technology in the classroom. May earn math credit.

Grades: 9-12
Credit Type: Technology

Architecture

This class focuses on Architecture and Construction Design, using Autodesk Revit students will produce architectural drawings. Students will learn styles and expressions for different types of architecture and how to recognize the structures. Students will begin to layout and design a home of their choice. Students will also take field trips and spend time studying house styles.

Grades: 9-12
Prerequisite: Recommended 3D Modeling
Credit Type: Technology

Computer Programming A & B *(2 trimesters)*

Intro to the java programming language, basic theory and understanding of computer programs and how they are used in today's world. Students will write code and have a basic understanding of how this code is utilized in our everyday world. Students will use Java to activate solid state devices, Students will work within a group to maintain and develop code with our robotics program. Students will be introduced to motion control and also to sensors to make the robots work efficiently.

Grades: 9-12
Prerequisite: Algebra 1
Credit Type: Technology

Information Technology Intern

Learn how to troubleshoot hardware issues on chromebooks and hp laptops and repair devices. You'll receive guidance and instruction on basic network troubleshooting, design, and implementation. This experience will give you a good picture of what working in IT is really like before going to college.

Grades: 10-12
Prerequisite: Computer Programming
Credit Type: Technology

Technology/Industrial Technology

Woodworking 1
This course is designed to emphasize the basic woodworking skills. The course will deal with wood shop tools and machines, woodworking safety, wood materials selection and identification, and basic woodshop skills. Typical projects: cutting board, wooden crate, end table, gun rack, etc.
Grades: 9-12
Credit Type: Technology

Woodworking 2
This course is designed to emphasize the intermediate woodworking skills. Typical projects: knife block, boat bookshelf, engraved signs, American flags, etc.
Grades: 10-12
Prerequisite: Woodworking 1
Credit Type: Technology

Woodworking 3
This course is designed to emphasize intermediate to advanced woodworking skills. Typical projects include: chessboard, log furniture, ammo box, bedside table, etc.
Grades: 10-12
Prerequisite: Woodworking 2
Credit Type: Technology

Woodworking 4
This course is designed to emphasize advanced woodworking skills. Typical projects include: cabinetry, furniture making, etc.
Grades: 10-12
Prerequisite: Woodworking 3
Credit Type: Technology

Woods Marketing
This class lasts one trimester, and can be repeated. It will cover the basic principles of marketing, and will involve designing and producing wood shop products to sell, as well as generating product advertising and sales plans. Products will range from household and cabin decor items to outdoor items and log furniture.
Grades: 9-12
Prerequisite: Woodworking 1
Credit Type: Technology

Capstone Woodworking
Students that have 4 levels of woodworking that would like to expand previous knowledge must submit a project proposal. Students must be approved by the instructor and have a learning plan approved by the department.
Grades: 11-12
Prerequisite: Woodworking 4 and instruction approval
Credit Type: Technology

Outdoor Projects
This course is designed to allow students to build outdoors-themed projects using woodworking skills. Typical projects include: canoe paddles, antler plaque mounts, spearing fish decoys, ice fishing rods, game calls, shotgun shell art, etc.
Grades: 9-12
Prerequisite: Woodworking 1
Credit Type: Technology

Construction
This course is designed to emphasize the basic construction skills used in carpentry. Various units of woodworking and project construction will be covered. The course will deal with carpentry tools, construction safety, materials selection, architecture, and project planning. Typical project builds include sheds, deer stands, playhouses, etc.
Grades: 10-12
Prerequisite: Woodworking 1
Credit Type: Technology

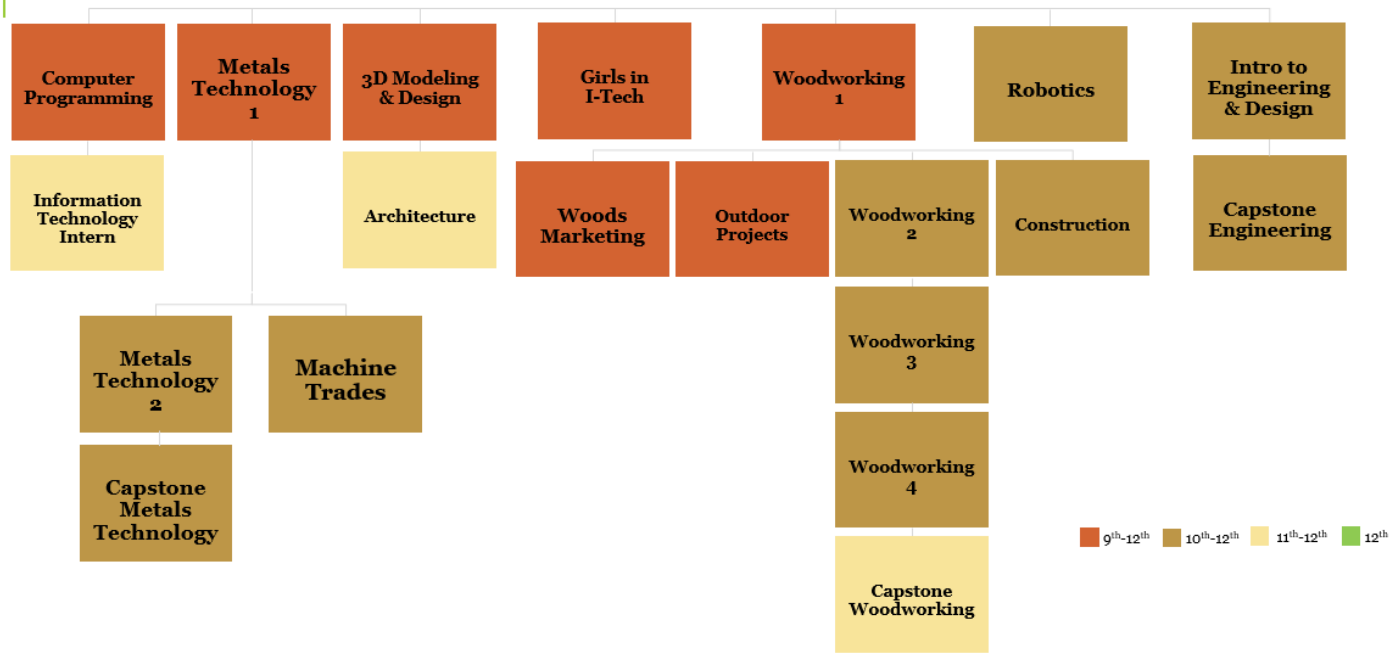
Metals Technology 1 A & B *(2 trimesters)*
This is an introductory course designed for students who have a general interest in technology or metalworking processes. Instruction is lab based and focuses on welding, machining, and computer controlled machining. Students are assigned tasks that help them understand these processes and develop basic skills.
Grades: 9-12
Credit Type: Technology

Metals Technology 2 A & B *(2 trimesters)*
This course is intended to develop skills learned in Metals Technology I. Introduction is project based with students choosing several of the assignments. Topics include: operations in traditional machining and computer controlled machining as well as arc and wire welding.
Grades: 10-12
Prerequisite: Metals Technology 1
Credit Type: Technology

Machine Trades A & B *(2 trimesters)*
Students will use both CNC and CAD to control and manipulate machines to build and produce products. Geometry and algebra are not required, but do help in this course.
Grades: 10-12
Prerequisite: Metals Technology 1
Credit Type: Technology

Capstone Metals Technology
This course is intended for students that have taken both levels I and II. This course is student and project driven. Students will continue to work and develop the skills for industry and should have a good work ethic in order to have success in this course. Students must submit a 12-week outline on what they will complete and also include a plan for materials needed to complete the students desired tasks.
Grades: 10-12
Prerequisite: Metals Technology 2 and instructor approval
Credit Type: Technology

TECHNOLOGY/INDUSTRIAL TECHNOLOGY DEPARTMENT CHART



Theater

This series of three classes are for students who wish to begin the study of theater. Students are introduced to this performing art form from two perspectives: 1) the common human experience found in all plays; and 2) the basic design and technical elements of theater. In each Trimester, students will explore these perspectives by: examining theater through a historical lens, by reading, studying, analyzing, and discussing great plays, by practicing elements of theater design for each play through a hands-on project, by learning basic acting techniques appropriate for each genre of play. By the end of the year, students have begun their own theater portfolio, and are prepared for further study in this performing arts discipline. Enrolled students engage in rigorous academic work and are expected to deliver meaningful results.

Intro to Theater: Foundations of Theater

In this course, students begin by learning the basic elements of theater while studying and analyzing the recurring themes of family, love, the human condition, social issues, human behavior, comedy, drama, and tragedy. We begin in Ancient Greece and finish in Shakespeare's England. (Some of the plays contain mature content.)

Grades: 10-12
Credit Type: Fine Arts

Intro to Theater: Applications in Theater

In this course, students explore how the basic elements of theater, established in Ancient Greece, are applied, adapted, emphasized, and expanded from the Renaissance to the 21st Century. (Some of the plays contain mature content.)

Grades: 10-12
Credit Type: Fine Arts

Capstone Theater: The Creative Process

In this course, students choose a play or musical from the 20th or 21st Century and design their own production with concepts studied in Foundations and/or Applications in Theater. The practical design elements studied include: scripts, acting, set(s), costumes, makeup, properties, lighting, sound, music, audience. (Some of the plays contain mature content.)

Grades: 10-12
Prerequisite: Foundations or Applications in Theater or One Act Play (MSHSL)
Credit Type: Fine Arts

World Language

Spanish 1 A & B *(2 trimesters)*

Do you think it is cool to be able to speak another language? Why not start with Spanish?! In Spanish 1 you will learn how to read, write, listen, and speak the Spanish language. We start out very basic and work towards mastering the novice level of proficiency. You will be graded on whether or not you improve throughout the course.

Grades: 9-12

Spanish 2 A & B *(2 trimesters)*

Level 2 thoroughly reviews the basics and continues to build a solid foundation for communication. The focus is on more sophisticated language situations; dealing with social experiences, cultural awareness and global perspectives. The skills of listening, speaking, reading and writing are consistently reinforced throughout each lesson.

Grades: 10-12
Prerequisite: Spanish 1

Spanish 3 A & B *(2 trimesters)*

This class is structured to emphasize all four aspects of language learning: reading, writing, speaking, and listening with a heavy emphasis on meaningful communication. This class will be conducted by the teacher 90% of the time in Spanish. You will also continue to learn about the culture and connect what you're learning to other subjects and your daily life. We will do some fun activities as well. Knowing another language will help you be better prepared for your future and make you more employable!

Grades: 11-12
Prerequisite: Spanish 2

Interdepartmental Offerings

Design-A-Class

Is there a subject area you would like to study, but have never been given the opportunity? Is there a topic you would like to gain a deeper understanding on? This self paced, self selected, course allows a student to learn what they want. Weekly check-ins, communications, presentations, and written work are requirements of this course. Each student or group must present an end-of-trimester project to staff and community members.

Grades: 9-12

Capstone Class

Student designed and teacher/administration approved research projects.

Grades: 11-12

Student Aide

Teacher Aide A, B, C

Interested in helping students, teachers or have an interest in a career in education? Duties may include but are not limited to: Assisting teachers or staff in the middle or high school to include tutoring, duplicating materials, assisting in instruction, or other appropriate duties. These Student Service positions have a limited number of openings and require a daily, consistent commitment of time. It is not something that is to be done only when you have nothing else to do.

Grades: 11-12

Prerequisite: Cumulative GPA of 3.0 or higher. Admittance to this program is subject to the approval of administration.

Students may not T.A. for a relative.

Credit: 0

Grading Scale: None

Peer Tutoring A, B, C

You must be interested in helping other students, have a positive relationship with teachers, a great attitude, ability to explain complicated subjects, and be a good role model. Duties may include, but are not limited to: assisting other students with homework, studying for tests, and being a supportive, positive role model for students who need academic assistance.

Grades: 11-12

Prerequisite: Cumulative GPA of 3.0 or higher and good daily attendance. Admittance to this program is subject to the approval of administration and the peer tutor coordinator.

Credit: .50, volunteer hours or paid (if after school hours)

Grading Scale: Pass/Fail

Recess Assistant

You must be interested in helping other students, have a positive relationship with teachers, a great attitude, interest in being active and playing outside with younger students, and be a good role model. May receive an elective physical education credit for this service.

Grades: 11-12

Prerequisite: Cumulative GPA of 3.0 or higher and good daily attendance. Required prior approval from the administration and the counselor.

Grading Scale: Pass/Fail