

FRAZEE HIGH SCHOOL COURSE REGISTRATION GUIDE 2024-2025

*FRAZEE HIGH SCHOOL
FRAZEE, MN 56544*



www.frazee.k12.mn.us

Adopted 5/13/24

REGISTRATION

We will work collaboratively with students to be sure they are taking the proper classes and meeting the graduation credits required to receive a FHS diploma. Students should review the required graduation credits. If a student received an “F” in a required course, they need to register for that course the following year. Students who fail a required course for the second time should stop in to visit with their counselor immediately upon learning of the failing grade. If students or parents have questions about the credit requirements, please contact one of the high school counselors.

Students wishing to earn credits outside of FHS must have those credits pre-approved. If you need this course to graduate, validation of completion must be to the Student Services Office no later than the second Friday in May.

Please read the description of the subjects carefully and determine if there is a prerequisite. Prerequisites are those courses that must be taken before signing up for more advanced subjects.

Registration for classes will take place in the spring of each year. Students will request courses through StudentVue.

Classes do fill up and the counselor will make a great effort to balance all required classes; It is possible, however, that a student's requests are unable to be filled. In this case, students will be asked to select other courses. *If a student has already successfully completed a class, it is possible they will not be allowed to take that course again.*

Students and Parents will be informed when schedules are available for viewing online.

Limited schedule changes will be made after the fourth school day of each semester as determined by the counselor.

GRADUATION REQUIREMENTS

At Frazee High School, one credit is earned for each successfully completed semester class. In order for students to graduate from FHS, a student must have successfully completed 50 credits from the following:

Language Arts:

Two semester credits:

Two semester credits:

Two semester credits:

Two semester credits:

Eight total credits to include:

English 9 - Literary Elements

English 10 - World Literature

English 11 - American Literature

English 12 - British Literature

Social Studies:

Two semester credits:

Two semester credits:

Two semester credits:

One semester credit:

One semester credit:

Eight total credits to include:

Geography

U.S. History

World History

Government

Economics

Science:

Two semester credits:

Two semester credits:

Two semester credits:

Six total credits to include:

Physical Science

Biology or Conceptual Biology

Chemistry, Conceptual Chemistry, or Physics

Math:

Two semester credits:

Two semester credits::

Two semester credits:

Six total credits to include:

Intermediate Algebra

Geometry

Advanced Algebra

Health:

One semester credit:

One credit to include:

Health

Physical Education:

Two semester credits:

Two credits to include:

Physical Education

Academic Arts:

Two semester credits:

Two total credits to be chosen from the Arts:

Music and/or Visual Arts and/or Theatre

Vocational:

One semester credit:

One credit to include:

Personal Finance

The remaining semester credits are elective courses selected by the student. **Students must be registered for all seven periods or the equivalent thereof.*

NCAA CLEARINGHOUSE

If you are planning to enroll in college and you wish to participate in NCAA Division I or Division II athletics, you must be certified by the NCAA Initial-Eligibility Clearinghouse. The Clearinghouse ensures consistent application of NCAA Initial-Eligibility requirements for all prospective student athletes at all member institutions. Requirements for eligibility are very specific and rigid. It is the responsibility of all prospective NCAA Division I and Division II student athletes at Frazee High School to familiarize themselves with these requirements and to register with the NCAA Clearinghouse.

Because some classes taken at Frazee High School may not meet the NCAA definition of a core class, prospective NCAA student athletes should meet with their school counselor to obtain more information. Students should register with the NCAA Eligibility Center after their junior year transcript is complete (normally the fall of their senior year). Students can also register online at: <https://web3.ncaa.org/ecwr3/>

POSTSECONDARY ENROLLMENT OPTIONS (PSEO)

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

To assist the school district in planning, a pupil must inform the district by October 30 or May 30 of each year of the pupil's intent to enroll in postsecondary courses during the following academic term. A pupil is bound by notifying or not notifying the district by October 30 or May 30. (Policy 620)

There is no charge to PSEO students for tuition, books or fees for items that are required to participate in a course. Students must meet the PSEO residency and eligibility requirements and abide by participation limits specified in Minnesota Statutes, section 124D.09. Funds are available to help pay transportation expenses for qualifying students to participate in PSEO courses on college campuses. Students must notify their school by May 30 if they want to participate in PSEO for the following school year. For current information about the PSEO program, visit the [Minnesota Department of Education's Postsecondary Enrollment Options \(PSEO\) web-page](#).

When a student chooses to enroll full-time PSEO, it is the student's responsibility to check his/her school email and read the high school announcements in order to be informed of important events taking place at Frazee High School.

AA DEGREE / MN TRANSFER CURRICULUM

We are here to assist you in providing you with information and direction on where to find the needed information and direction about earning your AA degree or completing the Minnesota Transfer Curriculum, the basis for the general education requirements at institutions that are part of the Minnesota State system. Each institution sets their own prerequisites, so it is important you are in contact with the institution you are working with, as well.

CONCURRENT ONLINE COLLEGE COURSES

These course offerings change from one semester to the next as deemed appropriate by Frazee Administration & Counseling Department. Classes are completely independent and are taken online for credit from Distance Minnesota Online College. To see a list of course offerings currently available, schedule a meeting with your school counselor.

Juniors must have a 3.2 GPA and seniors must have a 2.8 GPA to be eligible for these PSEO courses. Along with their GPA students must have passing scores on one of the following tests: MCA, Accuplacer, or ACT.

Frazee Administration & Counseling Department determines the number of high school credits that students receive for post-secondary courses taken for secondary credit along with determining which courses may be used to substitute for secondary courses.

CONCURRENT COLLEGE COURSES OFFERED AT FHS

College credit is processed through the Minnesota State Community & Technical College system. Courses will be taught by an FHS instructor and class will be held at FHS during the regular school day.

General Inorganic Chemistry I (CHEM1111) (Offered Yearly)

Duration: Semesters I & II

5 College Credits & High School Weighted Grades Apply

Prerequisite(s): Qualifying accuplacer test score or ACT score of 22 or greater in Math. Seniors need a minimum of a 2.8 GPA and juniors need a minimum of 3.2 GPA.

This course is a study of the general chemistry principles: atomic structure, stoichiometry, solutions, bonding, thermochemistry, electronic structure, periodic properties of the elements, intermolecular forces and properties of solids, liquids and gasses. The course includes a lab.

College Algebra (Math 1114) (Offered on Interest)

Duration: Semester

4 College Credits & High School Weighted Grades Apply

Prerequisite(s): Qualifying accuplacer test score or ACT score of 22 or greater in Math. Seniors need a minimum of a 2.8 GPA and juniors need a minimum of 3.2 GPA along with completion of Advanced Algebra.

This course analyzes rational, polynomial, exponential, logarithmic, inverse, and quadratic functions and their graphs. The course also includes solving equations, inequalities, systems of linear equations in both real and complex number systems. Additional topics may include matrices and determinants.

College Function & Trigonometry (Math 1115) (Offered on Interest)

Duration: Semester **4** College Credits & High School Weighted Grades Apply

Prerequisite(s): Qualifying accuplacer test score or ACT score of 22 or greater in Math. Seniors need a minimum of a 2.8 GPA and juniors need a minimum of 3.2 GPA along with completion of Advanced Algebra.

This course includes analysis and uses of various trigonometric functions, right triangle trigonometry, radian measure and circular functions, identities, equations, inverse functions, oblique triangles, complex numbers, vectors, polar coordinates and conic sections.

College Calculus (Offered on Interest)

Duration: Semesters I & II **4** College Credits & High School Weighted Grades Apply

Prerequisite(s): Qualifying accuplacer test score or ACT score of 22 or greater in Math. Seniors need a minimum of a 2.8 GPA and juniors need a minimum of 3.2 GPA along with completion of College Functions & Trigonometry.

Calculus is a required course in many different career fields such as mathematics, engineering, economics, life sciences, computer science, and physical sciences. The study of calculus involves three distinct stages of mathematics. The first stage is a review of precalculus mathematics, the second is the limit process followed by the third, which is calculus formulations of differentiation and integration.

Please note that September 15 is the final date to drop from a concurrent college course.

CONCURRENT ONLINE HIGH SCHOOL COURSES

The Minnesota Department of Education allows for school choice, including enrolling in online classes at an online high school for part of your school day. Enrollment in these courses is completed by the parent or guardian. You can find more information at <https://education.mn.gov/MDE/fam/oll/>

SENIOR OPEN HOUR

Seniors with a cumulative GPA of 3.2, are entering their senior year with 42 credits, have less than three discipline referrals, and have no suspensions or violations on record (9-12) may have the privilege of an open hour. Open hour is available 1st and 7th period **only** and students **MUST** have a signed contract on file.

Students must check in the High School Office if they elect to be/stay on campus during their open hour; They will be issued a pass to the HSMC. The High School Principal is the person on record for overseeing the open hour and may revoke this privilege at any time during the school year. One open hour per semester.

SENIOR INDEPENDENT STUDY

Seniors are able to take a course as an Independent Study arranged on an individual basis by the student and accepting / advising teacher. Independent Study may be allowed if scheduling problems arise and a full schedule cannot be made for a student. To qualify as an Independent Study course, the instructors must have an approved curriculum that will be followed by students. Students who wish to take a course independently must have a cumulative grade point average of at least 3.0 or higher or permission of the instructor. Students may only take one Independent Study class per semester.

In order to register for an Independent Study course, students must get a signed permission slip from the instructor teaching the course and meet individually with their school counselor.

STUDENT ASSIST

The student assist program is set up for seniors to experience working with someone at school. Students must have a cumulative GPA of at least 2.0 to be considered for the program. Students choose a work/study area they have interest in and must report each day for attendance and instruction. Students must obtain a signed permission form from the staff member on record. A staff member is to have no more than one student assist per semester unless cleared through the principal's office. If a student assist placement isn't possible, students will be required to select another class.

CREDITS

One semester translates to one credit.

PASS/FAIL

Students may elect to take a Pass/Fail grade in an elective class taught by a FHS teacher rather than a letter grade. The purpose of the P-F is to encourage students to take more difficult classes without lowering their G.P.A. Credits are earned as they would under the regular grading system but the grade is not figured in the G.P.A.

Guidelines:

A total of three pass-fail credits may be taken through the six semesters of grades 10, 11, and 12. Students in grade 9 may not take classes for pass-fail.

Students can take only one course pass-fail per semester.

Pass-fail can only be taken for elective classes offered and taught by a FHS teacher.

Students must inform the School Counselor *prior* to the last day of the semester requesting P-F grading be applied.

AGRICULTURE - CTE COURSES

Ms. Mitchell's Web Page

Agriculture Explore I (Yearly)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Take a step beyond just learning about the topics digging deeper into careers, leadership, and an introduction to agriculture are covered in this exploratory course. Students will spend time discussing areas that will be covered are small animals, food science, wildlife, horticulture, business management, precision agriculture.

Agriculture Explore II (Yearly)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): Ag. Explore I

A continuation of Agriculture Explore I.

Animal Science I (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Animal Science 1 course is designed to provide information regarding the fundamental concepts of life and life processes. This course includes (but is not restricted to) such topics as cell structure and function, general animal physiology, genetics, and taxonomy.

Animal Science II (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): Animal Science I

Animal Science II course is designed to apply information regarding the fundamental concepts of life and life processes. This course includes (but is not restricted to) such topics as cell structure and function, general animal physiology, genetics, and taxonomy.

Agriculture Welding Technology & Metal Fabrication I (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Students learn how to Arc weld, MIG weld, Torch cut, Plasma cut, Gas Weld, Project planning of small projects such as hanger racks, outdoor objects, transportation items, and then larger projects of student choice. Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects like designing a new toy or improving an existing product.

Agriculture Welding Technology & Metal Fabrication II (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): AgWT & MF I

A continuation of Agriculture Welding Technology & Metal Fabrication I.

Agriculture Mechanics I (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Students learn the function and parts of small engines and identify the function of each part and how the engine operates. Students will also disassemble a 3.5-6 hp engine and identify all the parts and trouble shoot through a honda engine, adjusting the carburetor and learning how to use an owners manual and preventative maintenance.

Agriculture Mechanics II (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): Ag. Mechanics I

A continuation of Agriculture Mechanics I with students utilizing the knowledge from 1st semester and building upon and troubleshooting various projects including projects brought from home. Students may also be working on other owners' projects and learn and understand the sales and marketing perspectives of running their own business.

Agriculture Production & Technology (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Making and taking! Developing skills that can be used in production and manufacturing. Metalworking and mechanical work beyond the introduction course. Students are expected to be able to work more individually on their own projects or given projects. Hands-on metal working and production line work is expected for project making.

Horticulture, Plant Science, & Landscape Design I (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Students will investigate and learn about greenhouse structures, hydroponics, aquaculture production, plant structures and identification, plant growth and propagation, control of plant disorders and pests, and fruit and vegetable production. Hands-on labs and activities make up a large part of this course.

Horticulture, Plant Science, & Landscape Design II (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): HPS & LD I

A continuation of Horticulture, Plant Science, & Landscape Design I.

Agricultural Leadership & Communication (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

You can either lead or you can follow. This course is designed to help students reach their leadership potential. Skills expected in the workplace will be addressed. Topics range from public speaking to parliamentary procedures. Students will learn about proper etiquette in the workplace, working as a member of a team, becoming self-motivated, and delivering clear and appropriate communication. This course is open to any student who has an interest in developing their leadership potential. All students are encouraged to participate in a career development event that is of interest to them. The instructor will work with each student to develop and improve that student's project.

Agriculture Business and Marketing (Offered as Independent Study)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Agricultural marketing course to prepare individuals to sell agricultural products and supplies, provide support services to agricultural enterprises, and purchase and market agricultural products. Includes instruction in basic business management, marketing, retailing and wholesaling operations, and applicable principles of agriculture and agricultural operations.

Manufacturing and Engineering (Offered as Independent Study)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Students will enhance their understanding of fundamental engineering concepts related to agricultural systems including the environment (soil, water, and air), plant and animal production systems and processing, and associated machines and facilities; application of techniques for data collection and analysis to problems in biological and agricultural engineering; design of experiments and communication of experimental results.

Agricultural Career Seminar (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

This class is designed to explore careers and help students develop a pathway to their future. They will gain an understanding of their skills, interests, and abilities through a series of assessments that will align the student with several occupations. We will search the college and work options available to the student to match their interests. The student will also learn the skills and soft skills needed to be successful in the workplace. We will also cover applying for a job, keeping that job, filling out applications, writing cover letters and resumes and interview practices. We will also begin to add these items to their portfolios and create a Personal Learning Plan.

ENGLISH COURSES

Ms. Grossman's Web Page

Ms. Hoekstra's Web Page

Ms. Meyer's Web Page

English 9 - Literary Elements (Required)

Duration: Semesters I & II

Grade Level(s): 9-12

Prerequisite(s): None

A brief review of punctuation, usage, and grammar with regard to writing is done. A focus on writing skills is done with emphasis on organization, sentence structure, and word choice. Students are introduced to public speaking and formal writing assignments in preface to more formal rigorous instruction that will take place in the 11th grade. Students will also participate in various collaborative digital assignments.

English 10 - World Literature (Required)

Duration: Semesters I & II

Grade Level(s): 9-12

Prerequisite(s): Literary Elements

This is a course that will cover a survey of recognized literature from around the world including poetry, short stories, novels, and drama. Students will focus on literary elements of fiction and nonfiction.

English 11 - American Literature (Required)

Duration: Semesters I & II

Grade Level(s): 9-12

Prerequisite(s): None

Students will study novels, short stories, and poems with an emphasis on American authors. Composition work will place focus on vocabulary skills, exposition, and the literary essay. Speech will also be incorporated as a requirement in this class to develop effective speaking skills and organizational research.

English 12 - British Literature (Required)

Duration: Semesters I & II

Grade Level(s): 9-12

Prerequisite(s): None

This course includes a study of two major areas, those being the English language and English literature. The language portion of the course will be that of a detailed study of grammar and punctuation and their usage in spoken and written communication. The literature portion of this course will be a study of the history of English literature and its most significant writers and their works.

Publications I and/or II (Yearly)

Duration: Semesters I and/or II

Grade Level(s): 9-12

Digital Photography Preferred

The class will be a laboratory class limited to students who have taken Digital Arts. Students will be involved in planning, designing layouts, writing stories, taking photographs, selling advertisements and yearbooks, and editing text for the yearbook. Each student will be involved in ALL aspects of production of the yearbook; however, select students may be asked to be a sales manager, editor, or social media expert. Students will have the opportunity to earn a letter for their contributions.

Creative Writing (Yearly)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): Literary Elements

The course is designed to gain skills in expressing ourselves with originality, creativity, and clarity in stories, poetry, and personal essays. Students will identify the successful elements of an effective piece of creative writing. Students will experience being in a writing community and learn to give and receive useful feedback. Students will also experience writing as a tool for intellectual exploration, self-discovery, and creative expression.

Film & Literature (Yearly)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): Literary Elements

The aim of this course is to sharpen appreciation of film and literature by studying the differences and similarities between the ways that filmed narratives and written narratives tell their stories. To this end students will view films and read works of literature in tandem.

FAMILY AND CONSUMER SCIENCES - CTE COURSES

Ms. Drewes's Web Page

Personal Finance (Required)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): Inter. Algebra

This course covers the “basics” and more that all students should know before graduating from high school and moving out into the real world on their own. Establishing and maintaining good credit and avoiding debt will be stressed in this class. Insurance coverage of all kinds such as: auto, home, health, renters, disability, etc. will be discussed. Banking services will be a focal point as well: credit cards, checking, savings, bank loans, car payments, investing and more will be covered. Other topics will include rental agreements, paying bills, personal budgets and saving money as well as hints and tactics to become a wise consumer. Students will start the class with a career exploration assessment and utilize that knowledge throughout the course as they make finance and money management decisions.

Food & Nutrition I (Yearly - Semester 1)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

This course provides opportunities for students to learn and practice the techniques used in preparing a variety of foods. Students will emerge from Foods class with knowledge of proper kitchen safety and sanitation procedures, common food preparation terms and techniques, and nutritional guidelines for good health. Students will also have knowledge of cooking methods and techniques for various foods, including: pasta, rice, and grains; dairy foods and eggs; fruits and vegetables; salads; soups, stews, and sauces; casseroles and combination foods; meat, poultry, and fish; beverages; baked products such as cakes, cookies, quick breads, and yeast breads; outdoor cooking; and planning and preparing meals. Careers in foods and nutrition, along with skills needed for these careers, are also examined.

Fashion & Interior Design (Yearly - Semester 1)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

This semester-long course will be divided into two 9-week studies in areas of design. Interior and Fashion Design is a course designed to take the student on a "behind-the-scenes" tour of both interior and fashion design. This course explores the field of fashion/apparel/interiors/design through engaging learning activities. Identification and use of the elements and principles of design are emphasized. Students will explore and expand upon the various aspects of industry, conveying the commercial application of principles and elements of design, production processes, and maintenance techniques to meet the design needs of humans. This course will also provide a discussion and exploration of career opportunities in fashion/apparel/interiors/design.

Communication & Relationships (Offered Semester 2 in Alternating Years; Available in **2024-25**)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): None

An in-depth look at communication skills, including verbal and nonverbal communication, sending clear messages, listening skills, and conflict-solving strategies. Will include hints for dealing with various personality styles and conflict resolution. We will look at various relationships and how they can be strengthened, including relationships with parents, with siblings, with friends, and with boyfriends/girlfriends. We will look at various “relationship hints” and try various strategies within our relationships. Class discussion will be employed often.

Food & Nutrition II (Yearly Semester 2)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): Food and Nutrition I

The focus of this course is to offer students a hands-on opportunity to develop their abilities in the areas of food preparation, meal planning, cultural foods, cooking fundamentals, and baking fundamentals. Students will explore the principles of cooking and baking through hands-on learning. Students will be allowed more creativity and flexibility to develop their own sense of cooking style. Culinary career exploration will be addressed in this course.

Baking & Pastries (Yearly Semester 2)

Duration: Semester

Grade Level(s): 11-12

Prerequisite(s): None

Baking & Pastries is a course where students gain hands-on experience creating a variety of baked goods and desserts. This course includes instruction on many topics like basic baking techniques, sanitation, candy and chocolate, mixing and production and design and decorating. The course starts off with basic kitchen safety and sanitation. Classroom experiences include food labs, demonstrations, computer and internet activities, research, career exploration, and presentation.

Child Development (Yearly - Semester 1)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Child Development is a study of Human Development from conception to toddlerhood. Students will explore preparation for parenthood through a complete study of pregnancy and the delivery of a baby. Some highlights include: proper baby care skills, knowledge of what is “normal” in newborn behaviors, and exposure to careers involving interaction with children in a preschool setting. This course is valuable for any future parent or those who see themselves working in a human relations or social services career field. Ex: (teaching, nursing, medicine, human/social services psychology.)

Introduction to Education (Offered Semester 2 in Alternating Years; Available in **2025-26**)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): None

This course is designed to help students learn about the role and characteristics of an effective educator/leader. Major topics include exploring current teaching methods/instruction, classroom management strategies, as well as assessments and how to use them effectively. Students will also study cultural differences, learning styles, communication, stereotyping and their impacts on student learning. Students will have opportunities for career exploration by observing other teachers and implementing and practicing lessons with students. **Highly suggested for students seeking to be a Student Assistant.*

HEALTH COURSE

Mr. Conzemius's Web Page

Health (Required)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

This course provides students a comprehensive, skills-based health program with a strong emphasis on abstinence. This lays the foundation for building lifelong health skills and reinforces ways to practice skills that help students to make positive health choices.

MATHEMATICS COURSES

Mr. Jacobson's Web Page

Mr. Bellefeuille's Web Page

Mr. Vigen's Web Page

Intermediate Algebra (Required)

Duration: Semesters I & II

Grade Level(s): 9-12

Prerequisite(s): None

Intermediate Algebra has strong threads woven throughout the course on multiple representations and the meaning of a solution. A major focus of the course is to develop multiple strategies to solve problems and to recognize multiple ways of understanding concepts, especially as it pertains to quadratic and exponential functions.

Geometry (Required)

Duration: Semesters I & II

Grade Level(s): 9-12

Prerequisite(s): Int. Algebra

Geometry basics, parallel and perpendicular lines, congruent triangles, properties of triangles, and quadrilaterals, transformations, similar figures, right triangles and trigonometry, properties of circles, area of polygons and circles are learned by students.

Advanced Algebra (Required)

Duration: Semesters I & II

Grade Level(s): 9-12

Prerequisite(s): Int. Algebra

Basic concepts of Algebra, Linear equation and functions, Products and Factors of Polynomials, Rational, Irrational, and Complex numbers, Quadratic and Periodic equations and Functions, Polynomial equations, Exponents and Logarithmic Functions, Sequences and Series, and triangle trigonometry.

MUSIC COURSES

Mr. Selander's Web Page

Mr. Paulson's Web Page

Concert Band (Yearly)

Duration: Semesters I & II

Grade Level(s): 9

Prerequisite(s): None

Concert Band is for students entering 9th grade. Concert Band is considered a co-curricular subject and some performance out of the regular classroom will be required and reflected in the student's grade. The band student is expected to participate in summer marching band events. Student progress and competency acquired during this class will determine his advancement in the instrumental program.

Concert Choir (Yearly)

Duration: Semesters I & II

Grade Level(s): 9

Prerequisite(s): None

The Concert Choir is for students...

Symphonic Band (Yearly)

Duration: Semesters I & II

Grade Level(s): 10-12

Prerequisite(s): None

Symphonic Band is for students entering 10-12 grade. Symphonic Band is considered a co-curricular subject and some performance out of the regular classroom will be required and reflected in the student's grade. The band student is expected to participate in summer marching band events. Student progress and competency acquired during this class will determine his advancement in the instrumental program.

Choir - Acapella (Yearly)

Duration: Semesters I & II

Grade Level(s): 10-12

Prerequisite(s): None

Acapella Choir is for students entering 10-12 grade. Acapella Choir is considered a co-curricular subject and some performance out of the regular classroom will be required and reflected in the student's grade. Chorus will include 3 or 4 concert performances a year with opportunities to perform in contests.

Acoustic Guitar I (Offered on Interest)

Duration: Semester I

Grade Level(s): 10-12

Prerequisite(s): None

Coursework will include a brief study of musical theory to prepare for the study of guitar. Materials necessary for this class are: acoustic guitar (preferably nylon string).

Acoustic Guitar II (Offered on Interest)

Duration: Semester II

Grade Level(s): 10-12

Prerequisite(s): None

Continuation of Acoustic Guitar I.

Music Appreciation

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): None

This music course is designed to increase awareness, appreciation and skill in listening to, responding to, and analyzing a variety of music.

Intro to Piano

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): None

Intro to Piano is a one-semester group piano course designed for students who have no prior experience playing the piano. Major focuses include an introduction to the structure of the piano keyboard, posture, hand positions, key signatures, rhythms, intervals, chords, and scales. Students will also learn the basics of writing music notation. Lessons will directly apply music theory and technique to the playing of a selection of classical, folk, jazz, pop, and rock repertoire.

PHYSICAL EDUCATION COURSES

Mr. Courneya's Web Page

Ms. Shipman's Web Page

Mr. Conzemius's Web Page

***Students are limited to taking no more than 2 physical education classes in a semester.*

Introduction to Physical Education (Yearly)

Duration: Semester Grade Level(s): 9-12 Prerequisite(s): None

The purposes of all FHS physical education classes are to enable the student to develop perceptual and developmental movement skills, to demonstrate cooperative learning, and to acquire appropriate personal and social behaviors. Students will acquire the knowledge for a lifestyle of fitness and wellness, and will demonstrate competence and appreciation for a variety of physical activities.

Ladies Fitness (Offered on Interest)

Duration: Semester Grade Level(s): 9-12 Prerequisite(s): None

This (females only) course will work with the female athlete looking to build strength and endurance as well as the young lady who wants to learn about weight training for muscle fitness and toning.

Personal Fitness (Offered on Interest)

Duration: Semester Grade Level(s): 9-12 Prerequisite(s): None

This course is designed to incorporate a student's health and wellbeing. With this in mind you will be provided an opportunity to challenge yourself both physically and mentally in various strength and conditioning programs. The importance of having and understanding good health are essential to your quality of life and your overall happiness.

Weight Training I (Offered on Interest)

Duration: Semester Grade Level(s): 9-12 Prerequisite(s): None

This course is designed to meet the interests of the beginning to advanced weight lifter. It will provide the student with the competency to help them develop a weight-training program to meet their needs. Once the weight program is developed the student will follow his program throughout the semester. This class is individualized and no one is graded on the amount of weight they can lift. The student will leave this class with a good foundation to continue weight lifting through their life.

Weight Training II (Offered on Interest)

Duration: Semester Grade Level(s): 9-12 Prerequisite(s): None

This course is a continuation of the initial weight training course for those students wishing to continue their building of a weight lifting foundation.

Unified PE (Offered on Interest)

Duration: Semester Grade Level(s): 9-12 Prerequisite(s): None

This course is a continuation of the initial weight training course for those students wishing to continue their building of a weight lifting foundation. This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students. All curriculum is borrowed from Special Olympics Unified PE Resources Manual.

Speed & Strength (Offered on Interest)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): None

This course is a full-body workout class using weight plates, dumbbells, resistance bands, steps, and your own bodyweight with various movements to get you toned and fit. Get ready to feel the burn in this high rep class as you focus on strength endurance for a stronger you.

Recreation & Leisure (Yearly)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): None

This course is designed to offer an exposure of choices for recreational and leisure lifetime activities. Activities include bocce ball, orienteering, croquet, frisbee golf, table tennis, darts, walking, golf and bowling when possible. Students do not need to change clothes for this course.

Individual Competitive Games (Offered Alternating Years; Available in **2024-25**)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): None

This course is designed to challenge the students in a wide variety of individual activities. This class is competitive in nature in having tournament style competitions.

Competitive Games (Offered Alternating Years; Available in **2025-26**)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): None

This course is designed to challenge the students in a wide variety of team activities. This class is competitive in nature in having tournament style competitions.

SCIENCE COURSES

Mr. Wake's Web Page

Ms. Wake's Web Page

Ms. Bachmann's Web Page

Physical Science (Required)

Duration: Semesters I & II

Grade Level(s): 9-12

Prerequisite(s): None

Physical science is an introduction to chemistry and physics. The course units are separated into two sections. The chemistry sections include units on the diversity of matter, the patterns in matter, and the interactions of forces and energy, heat energy, electricity and magnetism, and waves. The physics section includes motion, force, hydraulics, pressure, simple machines, and electricity.

Biology (Required)

Duration: Semesters I & II

Grade Level(s): 9-12

Prerequisite(s): Physical Science

Biology is the study of the structure, operation, and relationships of living organisms. The areas to be covered include: cell structure and operation, the formation and operation of DNA and RNA, a survey of the animal kingdom and how it is organized, the human systems, world ecosystems, genetics, the origins of life, and the plant kingdom.

Chemistry (Qualifies to meet third year of required Science)

Duration: Semesters I & II

Grade Level(s): 9-12

Prerequisite(s): Int. Algebra

The clothes people wear, the food they eat, the medicine they take, the fuels vehicles need and even the air that is breathed have something to do with chemistry. Students will learn facts, formulas and principles using a hands-on laboratory approach to learning. The areas that will be covered include: matter and the arrangement of atoms, the periodic table, chemical bonding, formulas, states of matter, gasses, solutions, thermodynamics and many reactions. This course is designed and focuses on college preparation. Students looking to attend college should consider taking this course.

Physics (Qualifies to meet third year of required Science)

Duration: Semesters I & II

Grade Level(s): 10-12

Prerequisite(s): Intermediate Alg.

Every action involves transfer of energy. Physics will explore the concepts of energy in the areas of force and motion, machines, heat, light, sound, magnetism, electricity and electronics.

Forensics I (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Forensic Science is an introductory course in exploration and lab investigation which applies many disciplines of scientific study such as biology/anatomy, chemistry, and physics. Students will have the opportunity to explore how scientific principles are used in analyzing physical evidence found at crime scenes.

Forensics II (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): Forensic Science I

Forensic Science II is a continuation of Forensic Science I. Students will continue to investigate different topics in the world of Crime Scene Investigation. Through hands-on investigation and research, students will study toxicology, autopsy, psychology of serial killers, arson and specific trace evidence.

Anatomy & Physiology (Offered on Interest)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): None

Anatomy and Physiology is a course that will enable students to develop an understanding of the relationships between the structures and functions of the human body. Students will also learn the mechanisms for maintaining homeostasis within the human body. This course will involve laboratory activities, projects, dissections, textbook material, models, and diagrams

Environmental Science I (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Environmental Science provides high school students an introduction to the study of the natural world and how it is influenced by human activity. Students will explore the patterns and processes of Earth and how these are affected by natural and human impacts. They will study environmental problems that our planet is facing today and various efforts to solve these problems, ultimately understanding the need for a sustainable future.

Environmental Science II (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Environmental Science II is a continuation of Environmental Science I. Students will continue the study of the natural world and how it is influenced by human activity. Students will explore the patterns and processes of Earth and how these are affected by natural and human impacts. They will study environmental problems that our planet is facing today and various efforts to solve these problems, ultimately understanding the need for a sustainable future.

Zoology (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Students will learn how organisms are classified and the characteristics unique to each Phylum. Units of study include: Introduction to animals, Sponges, Cnidarians, and Ctenophores, Flatworms, Roundworms, and Rotifers, Mollusks and Annelids, Arthropods, Insects, Echinoderms and Invertebrate Chordates, Fishes, Amphibians, Reptiles, Birds, Mammals, Animal Behavior.

SOCIAL STUDIES COURSES

Mr. Rader's Web Page

Mr. Morgan's Web Page

Mr. Reiersen's Web Page

Mr. Thorp's Web Page

Geography (Required)

Duration: Semesters I & II

Grade Level(s): 9-12

Prerequisite(s): None

This course involves the study of the world and its people using the five themes of geography as building blocks. Students will master a complete set of skills and knowledge for geographic problem solving throughout their lives.

United States History (Required)

Duration: Semesters I & II

Grade Level(s): 10-12

Prerequisite(s): Geography

This history course covers the Reconstruction of America after the Civil War to the Modern Era.

World History (Required)

Duration: Semesters I & II

Grade Level(s): 10-12

Prerequisite(s): U.S. History

This history course covers the Beginnings of Civilizations to the French Revolution.

Government (Required)

Duration: Semester

Grade Level(s): 11-12

Prerequisite(s): None

The intent of this course is to acquaint students with the foundations of American Government, active political participation, and the executive, legislative, and judicial branches of government.

Economics (Required)

Duration: Semester

Grade Level(s): 11-12

Prerequisite(s): None

This course covers the fundamental problem of scarcity. Both micro and macro economics will be covered, with emphasis on the US economy.

TRADE & INDUSTRY / CONSTRUCTION CTE COURSES

Mr. Boyer's Web Page

Basic Woods I (Yearly)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

This course is a general woodworking class designed for both boys & girls who haven't taken a woods class since Junior High - no prerequisite required for this class. During one nine weeks, basic woodworking skills will be taught with students constructing an assigned project. During the other nine weeks, students will sketch, calculate materials, and complete at least one project of choice (or more if they are smaller projects).

Basic Woods II (Yearly)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): Basic Woods I

This course is a next step woodworking class designed for both boys & girls who have taken Woods I and wish to continue developing their woodworking skills - Woods I is a prerequisite required for this class. During this course, somewhat more advanced woodworking skills will be taught with students constructing a common furniture piece (end table, night stand, etc). There will be costs associated with this class, as students must purchase the materials needed for their project. Costs depend on the materials they select.

Recreational Technology (Offered on Interest)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): Basic Woods I

This course exposes students to safe practices of Manufacturing Technologies including research, development, machining, and fabrication of equipment that many people use in their daily life. Some products include: summer fishing rods, ice fishing rods, duck decoys, spearing decoys, and other recreational technology.

Construction Trades I / 2 Hour Block (Offered on Interest)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): Basic Woods I

This course is designed for students who are interested in learning more about the residential construction industry. The course goal will be to construct a building and see it completed from start to finish. including: framing, roofing, siding, fascia/soffit and install of doors/windows.

Construction Trades II / 2 Hour Block (Offered on Interest)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): Basic Woods I

This course is designed for students who are interested in learning more about the residential construction industry. The course goal will be to construct a building and see it completed from start to finish. including: framing, roofing, siding, fascia/soffit and install of doors/windows.

CDL Prep (Offered on Interest)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): Intermediate Alg.

This classroom knowledge course is designed for both male and female students. Students will obtain the knowledge necessary for taking their permit test and moving on to the behind the wheel training necessary for obtaining their Commercial Drivers License (CDL). Prerequisite for this course is that students must be turning 18 by the completion of the course and must possess a valid Minnesota driver's license and have a clean driving record.

Female Auto Basics (Offered on Interest)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): Intermediate Alg.

This course is a "What to know about vehicle ownership" and is designed for women. In this class students will learn everything from the history of vehicles to the joys of owning one. Students will learn the "how to" of research and shopping for vehicles, financing, insurance, warranties, roadside assistance and specifically, vehicle maintenance.

VISUAL ART

Ms. Fairbank's Web Page

Introduction to Art I (Yearly - Semester 1)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

In this class, students will work with multiple mediums and art skills, such as; drawing, painting, sculpture. This class is a basic art class, learning different materials and art styles. Students will learn about the Elements of art, perspective, design, art history, and the creative process. All supplies will be provided.

Drawing (Yearly - Semester 1)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

This drawing class is a beginning drawing class, learning different drawing materials, techniques and step by step drawing skills. Students will use drawing pencils, colored pencils, pen, and charcoal. The elements and principles of art are incorporated, along with art history. All supplies will be provided.

Digital Photography (Yearly - Semester 1)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

In this class, students will be taught how to correctly and effectively use a Canon Sx160is. Picture taking will be in the classroom and on senior high school grounds. Students will also learn photo editing schools using their school computer. Students are encouraged to take pictures outside of class too. All supplies will be provided. If students have their own digital cameras, they will be encouraged to use them.

Ceramics (Yearly Semester 2)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

This class is for students who are interested in building with clay, and gives students experience in making functional as well as sculptural pieces, using a variety of techniques. Well thought out forms, designs and functional uses along with good craftsmanship are emphasized. Students will create works of art using the processes of pinch pot, coil, slab as well as wheel throwing.

Painting (Yearly Semester 2)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

This course is designed for the student who has a specific interest in painting and average or above average drawing skill. Students will use watercolor and acrylic paint, along with learning a variety of techniques to create original paintings. Projects will incorporate the elements and principles of art, as well as art history. All supplies will be provided.

Printmaking (Offered in Alternating Years / Available in **2024-25**)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Students will experience various processes of printing images on paper, wood, metal, cloth, or stone. Students will have hands-on experiences working in specific techniques such as block printing, mono printing, relief and silkscreen. The course includes the design and development of personal subject matter and provides direct studio experiences with traditional and nontraditional materials and techniques.

Video Art (Offered in Alternating Years / Available in **2024-25**)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Coursework focuses on creative and artistic applications of video art and technology. The course will also focus on the Elements of Art and Principles of Design as they apply to Media Art and video technology. Technical skills relating to the use of digital video/camera equipment, sound recording, composition, and editing will be taught.

Independent Study - Art (Yearly - Requires Instructor & Counselor Approval)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): Prior Art Class

This course is for those who have a heightened level of interest in art and the ability to work independently, then this class will work for you. Students will need to have a chosen art form they want to focus on, as well as learn a few more advanced skills. This is an independent, self-motivated class, with an agreed understanding between teachers and students on the amount of work required to complete. In order to register for an Independent Study course, students must get a signed permission slip from the instructor teaching the course and meet individually with their school counselor.

Craft Art (Offered Semester 2 in Alternating Years / Available in **2025-26**)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

Introduction to Craft Art is a class in which students develop visual communication skills by creating works of art traditionally known as crafts. These may include jewelry, weaving, textiles, beading, calligraphy, and bookmaking. Students will learn the potential of a variety of materials and explore various processes used in the traditional and modern world. Concepts in craft are studied with an emphasis on the elements and principles of art. Craft artists are studied in correlation with class projects and through these experiences students develop an awareness of style, culture, and originality.

Sculpture (Offered Semester 1 in Alternating Years / Available in **2025-26**)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

3-D artwork is the basis of this class. Students will be exposed to a variety of materials and techniques that can be applied to create three dimensional sculptures. Materials may include clay, wood, cardboard, paper, wire, plaster, etc. These materials will be used to create sculptures with an emphasis on form, and creative conceptual designs.

WORK BASED LEARNING

Mr. Rader's Web Page

Mr. Thorp's Web Page

Work Experience I (Yearly - Requires Instructor & Counselor Approval)

Duration: Semester Grade Level(s): 10-12

Prerequisite(s): Hornet Zone or Instructor or Counselor Approval

Work Experience/Internships are traditionally a two hour block, either 1 & 2 or 6 & 7 periods. Juniors and seniors may take this for 1-2 hours each semester. Students in this class will be expected to work or volunteer in an area which they are interested to pursue as a career path or to build skills to enhance their career choices. A training agreement will be completed before participating. Students will be required to complete weekly reports and have an evaluation completed each quarter.

Work Experience II (Yearly)

Duration: Semester

Grade Level(s): 10-12

Prerequisite(s): Work Experience I

This course is an extension of Work Experience I.

Hornet Zone (Careers) (Yearly)

Duration: Semester

Grade Level(s): 9-12

Prerequisite(s): None

This course is a dual focus class; ***exploring careers and hands-on experience in a business environment***. Students will spend part of their time exploring careers and developing a pathway to their future. They will gain an understanding of their skills, interests, and abilities through a series of assessments that will align the student with several occupations. We will search the college and work options available to the student to match their interests. The student will also learn the employability skills needed to be successful in the workplace. For the second focus of the class, students will gain hands-on experience in a business environment while participating in the everyday operation of the school store, the Hornet Zone. The students will learn retailing including product design, merchandising, promotion, selling, inventory control, financial recordkeeping and management. The students will be involved in many of the business decisions that affect the operation of the Hornet Zone.