



***2024—2025***

***Holdingsford Jr. & Sr. High School  
Course Catalog***

**HOLDINGFORD PUBLIC SCHOOLS**  
Independent School District No. 738  
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Dear Holdingford Junior/Senior High School Students and Parent(s)/Guardian(s),

Congratulations! You are among the most fortunate students in the state of Minnesota: You are a Holdingford Husker! Because of this, you will have an opportunity to choose from a wide variety of excellent courses taught by some of the best teachers in the state at one of its most welcoming and family-orientated high schools. As a Husker student, you assume the responsibility of choosing your courses wisely. The first step of scheduling for your HHS classes for the 2024-2025 school year is to carefully read through this course catalog. Please take the time to carefully read through the course descriptions. It is a good idea to discuss your options with your parent/guardian so they reflect your long-range educational, vocational and personal goals.

Once you have looked through this catalog and found classes you are interested in, you will complete the Elective Interest Inventory in your homeroom classes so that the teacher grid can be made. It's important you know that we sincerely care about you and your success during and after your career at Holdingford High School. We strive to give each student our time and attention in order to ensure an excellent academic year.

We make critical decisions about next year's faculty placement, room utilization, and funding allocations based on your elective interest. Additionally, adding and dropping courses will be very limited. So please, take extra care to choose wisely!

If you have questions about the registration process, please contact Mrs. Carlson. Please join us, the administration, faculty and staff of Holdingford High School -- to make this your best school year ever! We love welcoming you as a Husker, if you are new and welcoming back our returning students!

Sincerely,

Holdingford Schools Leadership

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**Nondiscrimination Statement**

Holdingford Public Schools, District 738 does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to youth organizations such as the Boy Scouts or the Girl Scouts. The following person has been designated to handle inquiries regarding non-discrimination policies:

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**HOLDINGFORD HIGH SCHOOL  
GRADUATION REQUIREMENTS**

**Grades 9 - 12**

Course work in grades 9-12 is used in determining class rank and in meeting graduation requirements. Students must complete 28-29 credits for graduation dependent on their graduation year. A semester class is equal to one credit and a quarter class is equal to a half credit. Minimum required credits are in the following areas.

**Language Arts (Four Credits)**

Language Arts 9	One Credit
Language Arts 10	One Credit
Language Arts 11	One Credit
Language Arts 12	One Credit

**Social Studies (Four Credits)**

Social Studies 9	One Credit
Social Studies 10	One Credit
Social Studies 11	One Credit
Social Studies 12	One Credit

**Science (Three Credits)**

Science 9	One Credit
Biology 10	One Credit
General Chemistry or Chemistry in Society or Physics	One Credit

**Math (Three Credits)**

Math	One Credit
Math	One Credit
Math	One Credit

**Physical Education & Health (One and One-half Credits)**

Physical Education 9	Half Credit
Physical Education 10	Half Credit
Health 10	Half Credit

**Arts (One Credit)**

Band, Choir, Photo I, Digital Photo, Photo 2, Art	One Credit
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**Class of 2025 - Electives 11.5** **28 Total Credits**

**Class of 2026 and on - Electives 12.5** **29 Total Credits**

Students who have failed a class prior to the start of the 2024 - 2025 school year will be held harmless for being short credits.

## **Post-Secondary Enrollment Options**

Postsecondary Enrollment Options (PSEO) is a program that allows 10th, 11th, and 12th grade students to earn college credit while still in high school, through enrollment in and successful completion of college-level courses. With traditional PSEO, these courses are generally offered on the campus of the postsecondary institution; some courses are offered online.

Most PSEO courses are only open to high school students during their 11th and 12th grade year, with each participating college and university setting their own requirements for enrollment into the PSEO courses and programs. Students may take PSEO courses on a full or part-time basis.

Many two and four year colleges and universities in Minnesota offer online courses and some of them offer online degrees and certificates. Through the wide array of online courses offered in Minnesota higher education, it is possible for PSEO students in our state to complete the Minnesota Transfer Curriculum requirements and/or other courses that could result in an award in addition to their high school diploma. School districts must allow a PSEO student reasonable access to the high school building, computers, and/or other technology resources during regular school hours to participate in PSEO courses, whether on-line or on campus.

By March 1st of each year, a district must provide up-to-date information on the district's website, and in materials that are distributed to parents and students about the program--including information about enrollment requirements and the ability to earn postsecondary credit--to all pupils in grades 8, 9, 10, and 11.

Students must meet the PSEO eligibility requirements and abide by participation limits. However, if a school district determines a pupil is not on track to graduate, she/he may still continue to participate in PSEO.

### **How to Enroll in PSEO**

Interested and eligible students should contact the postsecondary institution to find out their eligibility requirements, which courses are offered, and what the application process is at that institution. [Access the list of Participating Postsecondary Institutions](#) for a list of schools and their contact information. Interested and eligible public 10th grade students should contact the postsecondary institution to find out which Career and Technical (CTE) courses are offered and what the application process is at that institution.

To assist the district in planning, students are required to inform their district of their intent to enroll in PSEO courses during the following school year by **May 30th**. Students should seek guidance from their high school counselor to determine if PSEO is the right fit for them and their academic plan. Interested students must complete the Postsecondary Enrollment Options Program Registration Form.

### **Funding and Reimbursement**

Postsecondary institutions will not be paid for a student who withdraws during the first 14 days of the quarter or semester or who has been absent from the postsecondary institution for the first 15 consecutive school days of the quarter or semester and is not receiving instruction in the home or hospital.

Postsecondary institutions will be paid for a student who withdraws from a PSEO course after the first 14 days of the quarter or semester.

Postsecondary institutions must notify the district when a PSEO participant withdraws from a course.

Districts must report a student as a PSEO participant to MDE up through the date of the PSEO course withdrawal if it occurs after the first 14 days.

### **PSEO State-Approved Early/Middle College Programs**

PSEO State-Approved Early/Middle College Programs allow eligible students to earn a high school diploma while also earning postsecondary credits or conferring a degree or credential including a certificate, diploma or an associate's degree. Students are considered eligible if they are enrolled in a core school day State-Approved Alternative Program (SAAP) under the graduation incentives program as defined by MDE. Access a list of currently approved PSEO State-Approved Early/Middle College Programs in Minnesota at the bottom of this page.

### **PSEO for 10th Graders to take Career and Technical Education (CTE) courses**

Legislation allows eligible 10th grade students to enroll initially in one Career and Technical Education (CTE) course through PSEO. If the student earns a "C" or higher grade in this first course, she/he is eligible to take additional CTE courses while in 10th grade. In order to be eligible, a 10th grade student must have met the proficiency level of "meets or exceeds" on the 8th grade MCA reading test. If the student did not take the MCA, another reading assessment accepted by the enrolling postsecondary institution can be substituted.

The Minnesota Department of Education has developed a new Policy entitled: Minnesota Department of Education Alternative Eligibility Options Policy for 10th Grade Students with a Disability who Wish to Participate in Career and Technical Education Classes through the Postsecondary Enrollment Options Program. The policy and written procedures are effective December 8, 2015. Access the [policy, procedures, and the Modification Request Form](#).

## Scheduling Requirements

### SEMESTER CREDIT LOAD

Credit load is based off of the credit requirements for each graduating class.

### PREREQUISITES

Many courses have prerequisites. Read the course description carefully to see if you qualify for a course.

### MATH SEQUENCE

Three (3) math credits are required for graduation.

### SCIENCE SEQUENCE

Three (3) credits of science are required in grades 9-12. **NOTE:** Biology must be taken before any of the advanced biology courses. General Chemistry or Chemistry in Society or Physics is required.

### ART

One art credit is required. Classes that meet this requirement include Choir, Band, Photo or classes within the Art Department.

## **Junior High School Curriculum**

A junior high curriculum of courses is required of all students in grades 7 and 8. Any course failed in grades 7 or 8 must be repeated by the student.

### Curriculum Grade 7

#### MUST TAKE:

Language Arts 7	2 Quarters
Life Science	2 Quarters
Social Studies 7	2 Quarters
Mathematics	2 Quarters
Physical Education	1 Quarter
Health	1 Quarter
Industrial Arts	½ Quarter
Computer Skills	½ Quarter
Art Design and Lab	½ Quarter
Family and Consumer Sciences	½ Quarter

#### SELECT ONE:

Junior Band	Year
Junior Chorus	Year

### Curriculum Grade 8

#### MUST TAKE:

Language Arts 8	2 Quarters
Algebra	2 Quarters
Social Studies 8	2 Quarters
Earth Science	2 Quarters
Physical Education 8	1 Quarter
Intercultural Studies	1 Quarter
Family and Consumer Sciences	½ Quarter
Industrial Arts 8	½ Quarter
Art Design and Lab 8	½ Quarter
Careers	½ Quarter

#### SELECT ONE:

Junior Band	Year
Junior Chorus	Year

\*\* The above listed classes for both 7th and 8th grade are subject to change based on staffing \*\*

## COLLEGE IN THE HIGH SCHOOL

Holdingsford High School has an extensive concurrent college program with 16 courses, totaling 57 college credits offered through Fond du Lac Tribal and Community College (FDLTCC). These credits transfer to any of the colleges in the Minnesota State University and Colleges System. These classes are taught by Holdingsford teachers and offer students the opportunity to take college courses while remaining in the building.

**The following is the list of FDLTCC courses taught at Holdingsford High School.**

Principles of Economics: Macroeconomics- 3 credits

American Government- 3 credits

History of the United States I- 4 credits

History of the United States II- 4 credits

Trigonometry- 2 credits

Introduction to Statistics- 3 credits

College Algebra- 3 credits

College Calculus: Short Course- 3 credits

College Calculus- 5 credits

College Biology 1 1101- 4 credits

College Biology 2 1102- 4 credits

College Chemistry 1 1010- 5 Credits

College Chemistry 2 1011- 5 Credits

Advanced College Composition- 3 credits

College Composition- 3 credits

Introduction to Literature- 3 credits

Anatomy & Physiology 1 - 3 credits

Anatomy & Physiology 2 - 3 credits

Medical Terminology - 1 Credit

### **Early Graduation Requirements**

Holdingsford High School students may graduate at the end of the first semester of their senior year provided the following requirements have been met:

Formal application has been made before the beginning of semester two of the junior year.

You have completed all required courses and the minimum number of credits required.

You have made your request in writing and your plan has been approved and signed by your parents.

The principal has approved the request for early graduation.

### **Schedule Change Guidelines**

Schedule changes are highly discouraged. Students are expected to demonstrate responsibility and integrity while making registration decisions. As a school community, we must show respect to the administration as they make budgetary decisions based on registration numbers, to classmates who are denied a class when the enrollment reaches maximum allowance, and to the staff as they order instructional materials for their classrooms.

Changing courses often does not demonstrate positive character traits. For these reasons, the following guidelines will be enforced.

Schedule changes may be made before the start of the quarter as long as 15 or more students are enrolled in the course. Other schedule changes can be made for the following reason: To eliminate a study hall; with a doctor's note; to reschedule a failed course; to correct a scheduling error; to accommodate rigorous college courses.

### **On-line Learning**

District 738 contracts with MN Infinity - an online provider. This program can assist students with courses they want, but cannot fit into their schedule due to scheduling conflicts. This program is not meant to replace courses at Holdingsford High School, but serve as a supplemental tool. Students may contact the counselor for further information.

### **NCAA Initial-Eligibility Clearinghouse**

Many college athletic programs are regulated by the National Collegiate Athletic Association (NCAA), an organization founded in 1906 that has established rules on eligibility, recruiting, and financial aid. The NCAA has three membership divisions - Division I, Division II, and Division III. Institutes are members of one or another division according to the size and scope of their athletic programs and whether they provide athletic scholarships.

### **Post-Secondary Bound Students**

If you are thinking about attending a technical college, community college, or university after high school, it is important to prepare now. Students who take a variety of academic courses in high school and do well, have the advantage of being ready to enter almost any degree program in order to prepare for a career.

If you are **technical college** bound, consult with the vocational teachers in your chosen area for recommended courses. In many fields, it may be important to select math and science courses beyond the high school requirements.



# AGRICULTURE

## Agriculture Co-op—Semester 1 (AGC1)

## Agriculture Co-op—Semester 2 (AGC2)

Elective

Designed on the principle that learning occurs on the job, students may schedule this for the last hour for work at an agriculture based business or on a farm. Credit is given with the grade being an "S" or "U" (does not affect GPA). Students will be subject to job-site visits during the semester. Students will meet with the instructor during the first two weeks in class to review necessary paperwork and expectations.

### **General Information:**

Grade Level: 11,12  
Course Length: Quarter  
Level of Difficulty: Individualized

### **Students will:**

- 1) explain the reason for wanting to be in the class.
- 2) sign a contract with the school and the employer.
- 3) link classroom skills/knowledge to job related duties.

### **Evaluation:**

Weekly report forms

## Machine & Tool Technology and Applications of Welding

Elective

This course is designed to allow students the chance to apply skills and knowledge from Intro and Intermediate Welding and Metals to the design and construction of a project in class. Project ideas can range from small utility trailers to custom built boat motors.

### **General Information:**

Grade Level: 11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate  
Prerequisites: Intro to Welding &  
Intermediate Welding & Metals

### **Students will:**

- 1) demonstrate proper machine setup and operations.
- 2) construct a project based on student ability and instructor approval.
- 3) demonstrate a working knowledge of mathematics in relation to welding.

### **Evaluation:**

Quizzes  
Exams  
Practicum  
Participation

## Basic Electrical Practices

Elective

Areas of study will be introduction to basic electrical principles, wiring of circuits involving 3 & 4 way switches, automatic switches including thermostats, humidistats, time-delay, relay switches, electrical motor principles and maintenance, and electrical code as it pertains to the discussion areas.

### **General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

### **Students will:**

- 1) know basic wiring codes.
- 2) use wiring codes when wiring demonstration panels.
- 3) use wiring practices when wiring 20 lab projects.

### **Evaluation:**

Discussion  
Quizzes  
Test

## Advanced Electrical Systems

Elective

This course will introduce students to the inner workings of electrical motors and the devices used to control them such as relays, solenoids and switches. Time will also be spent on understanding and trouble-shooting 12-volt systems as they are applied to modern vehicles and industrial equipment.

### **General Information**

Grade Level: 10, 11, 12  
Course Length: Quarter  
Level of Difficulty: Intermediate to Adv

### **Student will**

- 1) Identify different types of electrical motors
- 2) Determine the appropriate application of motors
- 3) Understand the use of various control devices
- 4) Understand and repair 12-volt systems

### **Evaluation:**

Daily Assignments  
Tests  
Labs

### Companion Animal Care and Management

Elective

This class will cover the management and care of many small animals which are raised as pets such as dogs, cats, small mammals (rabbits, hamsters, guinea pigs, etc.), reptiles, amphibians, birds, fish, and horses. We will also cover basic veterinary practices such as restraints, wound care and bandaging, pet nutrition, and first aid. Career opportunities as they exist in the pet industry will also be covered.

**General Information:**

Grade Level: 9,10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

**Students will:**

- 1) know career opportunities that exist in the pet and horse industry.
- 2) know the breeds of companion animals
- 3) know the breeds of horses.
- 4) know the proper care and management of small pets

**Evaluation:**

Daily Assignments  
Labs  
Tests  
Projects

### Exploring Agriculture

Elective

This introductory class covers all areas of agriculture including parliamentary procedure and FFA, animal science, plant science, natural resources, food science, and agriculture mechanics. We will dive into careers in the agricultural industries and learn about a variety of areas to expand our knowledge of future agriculture electives that can be taken.

**General Information:**

Grade Level: 9  
Course Length: Quarter  
Level of Difficulty: Intermediate

**Students will:**

- 1) know what career opportunities are available in agriculture.
- 2) know and develop leadership skills needed for agricultural leaders.
- 3) know parliamentary procedure.
- 4) explore all the various fields of agriculture including: Animal Science, Horticulture, and Ag Mechanics.
- 5) Produce ice cream.

**Evaluation:**

Daily Assignments  
Labs  
Tests  
Projects

### Interior Residential Construction

Elective

This class is designed to teach students how to handle some of the most common home repairs and improvements that home owners face today. Topics will include interior work such as basic wiring circuits, common plumbing repairs, drywall installation and repair and tile installation along with exterior work such as siding, windows, trim work, and sidewalks. This course is recommended for students interested in home construction or ownership.

**General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

**Students will:**

- 1) demonstrate how to install and finish installation of drywall panels.
- 2) complete basic repairs to plumbing and electrical fixtures.
- 3) demonstrate and explain how to make proper repairs to a home's exterior.
- 4) know how local codes affect remodel projects.

**Evaluation:**

Daily Assignments  
Labs  
Tests

### Horticulture

Elective

In this course we will learn how to identify common flowering and vegetable plants as well as the parts of plants and their functions. Much of the class will be caring for the production of our greenhouse through plant propagation, cuttings, and transplanting. We will also cover topics such as growing mediums, fertilization, pest management, types of greenhouse structures, and the planning and management of the greenhouse plant sale. Students will get practical experience working in a greenhouse and in the school garden. *Students should be comfortable getting their hands dirty* as we will be working in the greenhouse often.

**General Information:**

Grade Level: 9,10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

**Students will:**

- 1) Know how to grow, transplant, and care for plants
- 2) Understand plant anatomy
- 3) Identify common greenhouse plants

**Evaluation:**

Daily Assignments  
Labs  
Tests

### **Intermediate Welding and Metals**

Elective

This course is designed to be a continuation of Introduction to Welding. Students will be introduced to Gas Metal Arc Welding (aka wire-feed welding) and TIG welding processes. In addition, students will learn to operate machine tool equipment such as vertical mills and metal lathes.

<b>General Information:</b>	<b>Students will:</b>	<b>Evaluation:</b>
Grade Level: 10,11,12	1) demonstrate “out of position” arc welding.	Quizzes
Course Length: Quarter	2) know and demonstrate the MIG welding procedure.	Exams
Difficulty: Intermediate	3) know and demonstrate the TIG welding procedure.	Practicums
Prerequisites: Introduction	4) know and demonstrate plasma cutting.	Participation

### **Introduction to Welding**

Elective

This course will introduce students to the basic principles and techniques used in the modern welding industry. Students will first complete a 2-3 week safety/introduction unit in which basic techniques will be taught. For the remainder of the semester, students will complete a series of welds that are required for completion of the course.

<b>General Information:</b>	<b>Students will:</b>	<b>Evaluation:</b>
Grade Level: 10,11,12	1) know and demonstrate arc welding safety procedures.	Daily Assignments
Course Length: Quarter	2) know and demonstrate the arc welding procedure.	Labs
Level of Difficulty: Intermediate	3) know and demonstrate the oxy-acetylene gas welding safety procedures.	Tests
	4) know and demonstrate oxy-acetylene gas welding procedures.	

### **Landscape and Floral Design**

Elective

This course is designed to introduce students to the principles of landscape and floral design. Students will learn about how to create various floral arrangements such as vase arrangements, corsages, and wreaths, and more. Students will also get an in depth look at the floral industry as well as attain skills in floral identification and production of cut flowers. The second portion of this class will focus on greenscape and hardscape landscape designs. We will design and construct numerous landscape drafts as well as learn about tools of the trade and plant identification. This course is hands-on, you will work with flowers and plants, you may need to get a little dirty, and you will bring home beautiful floral arrangements and landscaping ideas!

<b>General Information:</b>	<b>Students will:</b>	<b>Evaluation:</b>
Grade Level: 9, 10,11,12	1) Demonstrate and understanding of the floral and landscape industries	Daily Assignments
Course Length: Quarter	2) Identify various plants and flowers	Exams
Level of Difficulty: Intermediate	3) Understand the elements of design	Labs
	4) Create floral and landscape designs	Projects

### **Large Animal Science**

Elective

This course is designed to introduce students to the production of and care for animals that are commonly kept as livestock. This class will focus on the production of cattle (beef and dairy), along with hogs, sheep, goats, and poultry. Topics also covered include animal nutrition, diseases and biosecurity, genetics, and meat science. Trips to local producers will be integrated to allow for a more in-depth look into the classroom topics. This class is highly recommended for students considering careers in veterinary science, animal nutrition, and production agriculture.

<b>General Information:</b>	<b>Students will:</b>	<b>Evaluation:</b>
Grade Level: 10,11,12	1) identify various breeds of cattle, hogs, sheep, goats and poultry.	Daily Assignments
Course Length: Quarter	2) explain factors affecting growth and reproduction.	Tests
Level of Difficulty: Intermediate	3) select animals for breeding based on specific scenarios and pedigree information.	Labs
	4) determine the nutritional requirements for specific animals.	Projects

### Large Engine Theory and Repair

Elective

This is a 90-hour course stressing theory, servicing and repair of tractor and vehicle engines. It will be helpful in identifying engine problems before they become major. Understand the "do's" and "don'ts" of major repair. Service manuals are available to assist in repair. Engines brought in by students will be worked on. Machinery repair will be covered if time allows. Students may take this a second time with instructor approval. **MUST REGISTER FOR BOTH LARGE ENGINES AND LARGE ENGINES LAB.**

**General Information:**

Grade Level: 11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate to Advanced  
Prerequisite: Small Gas Engines  
Co-Requisite: Large Engines Lab

**Students will:**

- 1) know engine operation principles.
- 2) use service repair manuals.
- 3) trouble-shoot engine problems.
- 4) use tools necessary for minor to major engine repairs.
- 5) use safe work practices.

**Evaluation:**

Discussion  
Quizzes  
Tests  
Shop project work  
Shop participation

### Large Engine Theory and Repair Lab

Elective

This is corequisite to Large Engine Theory and Repair and is offered during the same semester as Large Engines. The course provides students with additional time to complete their engine overhaul/restoration project. Additional topics covered include cylinder head remanufacturing and hydraulics. **MUST REGISTER FOR BOTH LARGE ENGINES AND LARGE ENGINES LAB.**

**General Information:**

Grade Level: 11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate to Advanced  
Prerequisite: Small Gas Engines  
Co-Requisite: Large Engines Theory

**Students will:**

- 1) know engine operation principles.
- 2) use service repair manuals.
- 3) trouble-shoot engine problems.
- 4) use tools necessary for minor to major engine repairs.
- 5) use safe work practices.

**Evaluation:**

Quizzes  
Shop project work  
Shop participation

### Natural Resources I

Elective

This course is designed to introduce students to both forest and wildlife management in Minnesota. Students will learn about tree identification and management of the farm woodlot. Second, we will focus on the common species of animals in MN including, waterfowl, small and large game mammals, and fish. We will discuss hunting regulations and seasons, habitat management, invasive species, animal identification, careers, and much more. Included in this class are multiple outdoor lab activities. Students will construct ice fishing or open water fishing poles as a final project.

**General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

**Students will:**

- 1) know career opportunities that exist in forestry and wildlife.
- 2) identify trees native to Minnesota.
- 3) identify and use forestry tools.
- 4) know silviculture practices in managing forests and woodlots.
- 5) know wildlife species important to Minnesota.
- 6) know the basic principles of wildlife management as it relates to sustaining wildlife populations.

**Evaluation:**

Daily Assignments  
Tests  
Labs  
Projects

### Small Agricultural Building Construction

Elective

The first quarter will deal with cuts of lumber, board feet, bill of materials, use of the framing square, sawhorse construction, rafter layout, rafter identification, and concrete. In the second quarter of this class the students will be working in the shop constructing small ag. buildings.

#### **General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate  
Other info: Fulfills 10-12 elective

#### **Students will:**

- 1) know lumber terminology.
- 2) know framing procedures.
- 3) formulate a bill of materials.
- 4) construct a small building or lumber project.
- 5) use safe shop practices.

#### **Evaluation:**

Discussion  
Quizzes  
Tests  
Shop participation  
Project work

### Small Gas Engines

Elective

The course is designed to give students a strong working knowledge of small, single cylinder gas engines in the range of 3-8 horsepower. Students will learn about carburetor theory, magneto ignition systems as well as how to take measurements of various components, and then reassemble it as part of their course work.

#### **General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

#### **Students will:**

- 1) know the operating principles of 2 & 4 cycle engines.
- 2) know what tools are needed for servicing and repairing engines.
- 3) service and repair small gas engines.
- 4) know and practice small engine safety.

#### **Evaluation:**

Daily Assignments  
Tests  
Labs

### Ag Sales, Marketing, and Leadership

Elective

Have you ever wondered why the price of gas or groceries is constantly changing or why gold is worth more on one day than the next? In this course, you will learn about the marketing and trading of various commodities and what affects future prices at any given time. Students will also have the opportunity to develop sales presentations and marketing plans for different products while learning what it takes to operate a modern agri-business. Students will cover the growing field of agriculture communication as well as develop leadership skills to market themselves in their career pursuits.

#### **General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

#### **Students will:**

- 1) understand marketing strategies within agriculture
- 2) Develop sales skills
- 3) Develop leadership skills for future careers

#### **Evaluation:**

Daily Assignments  
Tests  
Labs

### Ag Science and Bio-Technology

Elective

Students will learn how raw agricultural products are turned into consumer products that we use everyday, such as foods, fiber products and fuels. Major class topics will include food processing and preservation, biofuel production, and bio-engineering. This class will have a significant number of labs and completion of Biology is highly recommended, but not required.

#### **General Information:**

Grade Level: 10-12  
Course Length: Quarter  
Difficulty: Intermediate

## ART

### Grade 7 Art

Required

This course is an introduction to using various mediums that will grow your creativity and develop your communication skills through writing, making and talking about art. We will explore materials through the Artwork Thinking Process of Inspiration, Development, Creation, and Reflection.

**General Information:**

Grade Level: 7  
Course Length: Half Quarter  
Level of Difficulty: Basic

**Students will:**

- 1) create artwork.
- 2) write and talk about art.
- 3) study art from different cultures.
- 4) study our identity.

**Evaluation:**

Artist statements  
Projects  
Homework assignments  
Critiques

### Grade 8 Art

Required

This course is a continuation to art that will grow your creativity and develop your communication skills through writing, making and talking about art. We will explore materials through the Artwork Thinking Process of Inspiration, Development, Creation, and Reflection.

**General Information:**

Grade Level: 8  
Course Length: Half Quarter  
Level of Difficulty: Basic

**Students will:**

- 1) create artwork.
- 2) write and talk about art.
- 3) study our identity and family history.
- 4) study art from different cultures.

**Evaluation:**

Artist statements  
Projects  
Homework assignments  
Critiques

## Art Electives

### Beginning Studio Classes

These are beginning studio classes that give the opportunity to study a range of topics in art. We will build on techniques learned in 7th and 8th art through the Elements and Principles of Art and Design. Gallery visits will be included when applicable. The students have the opportunity to enter their works in the Visual Arts Minnesota High School Art Exhibition and Competition in the Spring.

### Art I

Elective

This course will allow you to further develop your techniques after learning the basics of art in 7th and 8th grade art. A brief study of each media will be explored during this class to build technique. Students will be asked to demonstrate proficiency during this quarter. In this class the following mediums are covered: drawing, painting, printmaking, ceramics, sculpture.

**General Information:**

Grade Level: 9, 10, 11, 12  
Course Length: Quarter  
Level of Difficulty: Introductory

**Students will:**

- 1) create artwork.
- 2) develop skills.
- 3) study artists and cultures.
- 4) develop a portfolio.

**Evaluation:**

Projects  
Artist statements  
Critiques  
Presentations

## Advanced Art

These advanced courses are offered to students who may pursue art as a career or want to develop specific art interests. Students will be expected to make more choices of their media for more ambitious projects. A portfolio will be developed to prepare students for college entrance if they so choose. Entrance to a juried show is optional.

### Art II,III,IV,V,VI

Elective

This course will allow you to choose the materials for each assignment. Students will have the option to work with more advanced skills of their chosen media during this quarter. If you would like to continue working in paint, drawing, clay, sculpture etc. this course will allow you to develop advanced techniques in your chosen medium. We will use purposeful decision making while integrating the Elements and Principles of Art and Design through the National Core Arts Standards. A body of work will be built over the second quarter showing a focus in an area of choice. Entrance to a juried show is optional.

#### **General Information:**

Grade Level: 9,10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

#### **Students will:**

- 1) create artwork.
- 2) develop skills.
- 3) study artists and cultures.
- 4) develop a portfolio.

#### **Evaluation:**

Projects  
Artist statements  
Critiques  
Presentations

### Ceramics/Sculpture

Elective Offered every 3rd year

This class involves studio work with wheel thrown pottery as well as hand building techniques in clay. Students will learn basic skills in throwing functional items such as cups, bowls, mugs. A variety of alteration techniques will be explored including creating square bowls on the wheel. Finishing techniques such as glazing, underglazing, painting, printing, carving and relief work will be explored. Students will learn and participate in the process of caring for and reconditioning clay.

#### **General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

#### **Students will:**

- 1) create wheel thrown pottery
- 2) create hand built pottery
- 3) write and talk about art from around the world
- 4) study local ceramics and artist

#### **Evaluation:**

Artist statements  
Projects  
Critiques  
Presentations

### Drawing/ Printmaking

Elective Offered every 3rd year

This is a study of drawing techniques that focus on still life, life drawing, shading techniques, composition and perspective. The study of correct visual representation and individual creativity is explored. Mediums such as charcoal, graphite, oil and chalk pastel, colored pencil, drypoint and collagraph on the printing press, monoprint and block print are explored. A brief history of the media and movements will be covered alongside the art making process.

#### **General Information:**

Grade Level: 9,10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

#### **Students will:**

- 1) create artwork
- 2) explore various media
- 3) write and talk about art from around the world
- 4) create a portfolio of drawings and prints

#### **Evaluation:**

Artist statements  
Projects  
Critiques  
Presentations

### Painting

Elective Offered every 3rd year

In this course students will work upon basic color theory skills and various painting media and techniques. Watercolor, acrylic, tempera, oil, fresco, and encaustic painting will be researched. A brief history of the media and movements will be covered alongside the art making process.

#### **General Information:**

Grade Level: 9,10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

#### **Students will:**

- 1) create artwork
- 2) explore various media
- 3) write and talk about art from around the world
- 4) create a portfolio of paintings

#### **Evaluation:**

Artist statements  
Projects  
Critiques  
Presentations

## **BUSINESS EDUCATION**

### **Career Exploration - 8th Grade**

Required

Students will explore career and post secondary options in order to create a Personal Learning Plan. Students will discover their interest areas and the careers best suited to their personalities and abilities. This course will help students plan class schedules for grades 9-12 and become aware of options after high school.

#### **General Information:**

Grade Level: 8  
Course Length: Half Quarter  
Level of Difficulty: Introductory

#### **Students will:**

- 1) complete self-assessment inventories.
- 2) set life goals.
- 3) explore career options.
- 4) explore entering the workforce, apprenticeships, and entering the military
- 5) explore post-secondary options.
- 6) learn about costs for post-secondary education.
- 7) determine and develop workplace skills.
- 8) create an electronic portfolio that will be expanded throughout grades 9-12.

#### **Evaluation:**

Career Research documents  
Electronic portfolio  
Quizzes  
Projects

### **Computer Skills - 7th Grade**

Required

Brush up on your keyboarding, word processing, and proofreading technique. Create spreadsheets and slideshows. You'll be busy, but the time will fly as you improve your computer skills.

#### **General Information:**

Grade Level: 7  
Course Length: Half Quarter  
Level of Difficulty: Introductory

#### **Students will:**

- 1) review the entire keyboard.
- 2) learn proofreader's marks.
- 3) improve keyboarding posture and other techniques.
- 4) create basic documents and spreadsheets
- 5) create slide show presentations.
- 6) use Google Drive.
- 7) create a basic video.
- 8) create graphics with Google Draw.
- 9) learn how to be a good digital citizen.
- 10) learn effective internet searches.

#### **Evaluation:**

Typing technique  
Daily in-class assignments  
Projects

## **Business Education Electives**

### **Intro to Accounting**

Elective

Money! It's the bottom line in any business. Accounting is the foundation for all other areas of business. This is an essential class for anyone planning a career in business or business ownership. Simulations will give you a realistic view of business dealings. If you plan to major in business, this course will help you!

#### **General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate/  
Advanced

#### **Students will:**

- 1) become familiar with accounting careers.
- 2) define accounting and explain the purpose of the accounting system.
- 3) understand the fundamental accounting equation
- 4) define assets, liabilities, owner's equity.
- 5) learn the purposes of revenue, expense, and drawing accounts and how transactions have an effect on the accounting equation.
- 6) understand double-entry system, journals and ledgers, trial balance, adjusting entries
- 7) Preview financial statements.
- 8) All of this for Proprietorships.

#### **Evaluation:**

Theory tests  
Projects  
Computer simulation  
Daily Assignments



## **Introduction to Business**

Elective

Many graduates end up with a job in business. But what is business all about? Here's your chance to find out. You'll have the opportunity to learn how to keep a checkbook, keep simple business records, and many other basic business skills. This is the class for you if you think you might be interested in a career in business or if you want to learn to handle your own business records.

### **General Information:**

Grade Level: 9  
Course Length: Quarter  
Level of Difficulty: Introductory

### **Students will:**

- 1) maintain a checking account and learn about other banking services.
- 2) complete exploratory units in accounting, credit applications, selling techniques, and advertising.
- 3) complete a business work-flow simulation.
- 4) learn about business ownership.
- 5) prepare basic business forms and records.
- 6) role play communication situations in the workplace.
- 7) create a product and market it.

### **Evaluation:**

Tests  
Projects  
Work flow simulation

## **Introduction to Code**

Elective

Students will learn the fundamentals of computer programming learning multiple languages including: HTML, JavaScript, Python,, Scratch, etc. Students will also learn to create a web page using html code.

### **General Information:**

Grade Level: 9, 10, 11, 12  
Course Length: Quarter  
Level of Difficulty: Intermediate  
\*If taking as a 9th grade student, must have a B- or better in Computer Skills-7th grade.

### **Students will:**

- 1) develop problem solving skills.
- 2) develop games using Scratch.
- 3) be introduced to Python.
- 4) create and modify web pages using html code.
- 5) learn about Artificial Intelligence
- 6) explore 3-D printing.
- 7) learn about cybersecurity.

### **Evaluation:**

Programming assignments  
Tests/Quizzes  
Daily Work  
Projects

## **Personal Finance**

Elective

Learn how to S-T-R-E-T-C-H your money by creative investing and discovering good buys. You'll make over a million dollars in your lifetime. Learn to use it to live like a millionaire. Units in areas such as car buying and investing will make this class especially practical.

### **General Information:**

Grade Level: 11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

### **Students will:**

- 1) prepare personal budgets.
- 2) learn about the stock market and other investment options.
- 3) research purchasing decisions.
- 4) maintain checking and savings accounts and learn about other banking services.
- 5) learn about home, vehicles, life, and health insurance.
- 6) learn techniques for buying vehicles, homes, etc.
- 7) compare credit card offers and learn how to maintain a good credit rating.
- 8) complete tax forms, including online tax software.
- 9) explore options for apartment living.

### **Evaluation:**

Projects  
Homework assignments  
Quizzes/Tests

## Planning Your Future

Elective

The average person changes careers seven times in their lifetime. Take this class to learn more about yourself and various careers, and you'll make the right choice the first time. Each student will complete self-assessments and interest inventories and will research several careers. Students will also create a portfolio containing their resume and other documents. Expert advice from personnel directors will help students fine tune their job-seeking documents. Post-secondary school options and financial aid will also be researched.

### **General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

### **Students will:**

- 1) set life goals.
- 2) take interest inventories.
- 3) research careers.
- 4) examine how lifestyle decisions impact career and income needs.
- 5) job shadow a professional in your career choice.
- 6) research post-secondary schools.
- 7) seek financial aid opportunities.
- 8) create a resume.
- 9) fill out job application forms.
- 10) participate in a mock interview.
- 11) learn about the work attitudes and habits valued by employers.

### **Evaluation:**

Career research documents  
Job application documents  
Personal portfolio  
Job shadow evaluation

## Small Business Entrepreneurship

Elective

Would you like to be your own boss? Then maybe owning a business is for you. This class will teach you the basics of starting a business, including writing a business plan, obtaining financing, and marketing your product. Anyone interested in owning a business or considering a career in the business world will benefit from taking this course.

### **General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate  
**\*\* Next offered ?**

### **Students will:**

- 1) write a business plan.
- 2) investigate financing options.
- 3) study personnel hiring, rights, and responsibilities.
- 4) identify a target market.
- 5) study legal and ethical issues in business.
- 6) plan marketing strategies.

### **Evaluation:**

Business plan  
Projects  
Tests  
Group projects

## Marketing

Elective

Money, money, money... What techniques do companies use to get you to part with your money? How does social media marketing work? (Really, there's more than just the ad that you see.) How do you create a brand or an effective ad? Want to study business? This is the class for you!

### **General Information:**

Grade Level: 9-12  
Course Length: Quarter  
Level of Difficulty: Introductory

### **Students will:**

- 1) learn marketing techniques, principles, and foundations.
- 2) explore social media marketing.
- 3) develop a marketing campaign / plan.
- 4) develop a personal brand.
- 5) understand the 4 Ps of marketing
- 6) design and develop marketing products.
- 7) explore marketing careers.
- 8) discuss ethics.

### **Evaluation:**

Tests  
Projects  
Simulation  
Daily Assignments

# FAMILY AND CONSUMER SCIENCES

## Grade 7 - Family & Consumer Sciences

Required

What is a spatula? Discover this and other names and uses of common kitchen equipment. This course is designed to introduce students to the wonderful world of cooking, eating and cleaning up!

### **General Information:**

Grade Level: 7  
Course Length: Half Quarter  
Level of Difficulty: Introductory

### **Students will:**

- 1) identify kitchen equipment.
- 2) learn how to read a recipe.
- 3) practice proper measuring techniques.
- 4) be in the lab 2 days a week.
- 5) try a number of new recipes.
- 6) learn cooperation and time management.
- 7) practice kitchen safety and sanitation procedures.
- 8) be introduced to basic nutrition.

### **Evaluation:**

Lab grades  
EdPuzzle Quizzes  
Worksheets  
Self Evaluations  
Class participation

## Grade 8 - Family & Consumer Sciences

Required

Human sexuality is the main focus of this quarter long class. Topics include: self-esteem, value identification, communication skills, changes during puberty, stereotypes, decision making skills, dating, refusal skills, pregnancy, and ways to protect yourself. A second unit deals with clothing and textiles. Topics include: sewing (by hand and with a machine).

### **General Information:**

Grade Level: 8  
Course Length: Half Quarter  
Level of Difficulty: Introductory

### **Students will:**

- 1) learn how to operate a sewing machine.
- 2) follow directions to produce a pillowcase.
- 3) sew a pillowcase to demonstrate a variety of skills.
- 4) learn basic hand sewing skills (i.e. sewing on buttons).
- 5) examine and discuss a variety of teen issues and concerns.
- 6) have an opportunity to discuss adolescent issues with a parent.

### **Evaluation:**

Pillowcase project  
EdPuzzle Quizzes  
Worksheets  
Class participation

Students will have a minimal cost for their sewing project and bobbin deposit.

## Family and Consumer Sciences Electives

### Child Development

Elective

Play, play, play! Discover why kids play and need to play. Experience for yourself what it is like to do activities children birth to age 5 find fascinating. The journey through the various stages of development will be beneficial for handling younger siblings, baby-sitting jobs, or your own future children.

### **General Information:**

Grade Level: 9,10,11,12  
Course Length: Quarter  
Level of Difficulty: Moderate

### **Students will:**

- 1) investigate the 4 areas of development for various ages.
- 2) interview people with and without children.
- 3) make observations.
- 4) experience preschool activities.
- 5) plan and participate in the in-school daycare.
- 6) observe and record developmental landmarks of a preschooler.

### **Evaluation:**

EdPuzzle Quizzes  
Worksheets  
Interviews  
Observations  
Activities  
Class participation

Students will have the opportunity to invite a neighbor or relative between the ages of 3 & 5 for the daycare session.

## Contemporary Living

Elective

What will happen when I leave home? Who will wash my clothes? What will I eat? Where will I live? When do I pay the rent, the phone bill, and the electric bill? Why didn't anyone ever prepare me to make it on my own? This course will focus on making the transition from your family's home to a place of your own less stressful. A.K.A "Adulting".

### **General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Moderate

### **Students will:**

- 1) identify stressful aspects associated with leaving home.
- 2) work on strategies to handle the emotions of leaving home.
- 3) learn basic food preparation skills with easy to make recipes.
- 4) develop skills and tips for grocery shopping.
- 5) determine the essentials for setting up the first "home away from home."
- 6) figure out how to "pay the rent" among other bills.
- 7) discuss clothing care and repair.
- 8) investigate topics the class members request.

### **Evaluation:**

Class participation  
Worksheets  
Projects  
Activities  
EdPuzzle Quizzes

## Culinary Arts I

Elective

Discover skills essential for survival, whether it be making from scratch or using convenience items. This course is designed to explore many new recipes along with discovering ways to save time, money & energy by comparing food items and methods of preparation.

### **General Information:**

Grade Level: 11, 12  
Course Length: Quarter  
Level of Difficulty: Moderate

### **Students will:**

- 1) use the lab environment to demonstrate:
  - cooperation and time management.
  - kitchen safety and sanitation practices.
  - application of basic recipe knowledge.
  - various cooking methods.
- 2) investigate how food guides have transformed through the years.
- 3) modify recipes.
- 4) identify wise food choice decisions.
- 5) become aware of various food sensitivities/allergies.
- 6) be exposed to the ServSafe curriculum
- 7) be provided with resources to test to become ServSafe certified.

### **Evaluation:**

Labs  
Self evaluations  
Class participation  
Worksheets  
EdPuzzle Quizzes

## Culinary Arts II

Elective

Creativity will be encouraged by exploring foods in many specialty units. Units covered will vary from appetizers to cake decorating! Many of the topics will be determined by class size and specific interests of the students enrolled.

### **General Information:**

Grade Level: 11,12  
Course Length: Quarter  
Level of Difficulty: Moderate  
Prerequisite: Culinary Arts I

### **Students will:**

- 1) apply basic skills learned in Culinary Arts I to class lab experiences.
- 2) prepare and investigate foods from different cultures.
- 3) demonstrate safety and sanitation practices of food preparation and storage.
- 4) gain lab experience in various specialty units.
- 5) evaluate products made in class.
- 6) create menus for specific situations.

### **Evaluation:**

Labs  
Self Evaluations  
Worksheets  
Projects  
EdPuzzle Quizzes  
Class participation

## Interior Design

Elective

Where will you be living in 10 years? In an apartment or in a house? Alone or with a roommate? In the city or the country? With your current family or with a spouse and kids of your own? No matter what your situation, the place you live can be personalized to make it "your home". This course is designed to investigate areas of interior design and floor plan basics.

### **General Information:**

Grade Level: 10, 11, 12

Course Length: Quarter

Level of Difficulty: Moderate

### **Students will:**

- 1) investigate housing trends
- 2) evaluate available housing types.
- 3) draw floor plans & wall elevations to scale.
- 4) furnish and decorate various rooms in a home.
- 5) use elements and principles of design when decorating.
- 6) take 1 room from your home and decorate it in various ways.

### **Evaluation:**

Class participation  
Mini projects  
Worksheets  
EdPuzzle quizzes  
Final project

## Parenting and Family Life

Elective

Once you have completed the Child Development course, continue the journey through the stages of development as this class navigates kids from ages 6-99! Focus will begin with decisions regarding parenting as a choice, then will move onto various issues individuals face throughout the lifespan.

### **General Information:**

Grade Level: 10,11,12

Course Length: Quarter

Difficulty: Moderate

Prerequisite: Child Development

### **Students will:**

- 1) investigate how people continue to develop and change physically, cognitively, socially and emotionally throughout the lifespan.
- 2) discover that even though all people are not alike, they all go through similar stages of development.
- 3) learn the demands of parenting as well as the rewards.
- 4) determine how the parenting role changes throughout the lifespan as children grow.
- 5) explore various family forms and functions.
- 6) discuss the challenges of balancing work and family life.
- 7) explore specific topics dictated by class need and interest.

### **Evaluation:**

Worksheets  
Projects/Activities  
Interviews  
Class participation  
EdPuzzle quizzes

# HEALTH

## Health 7

Required

In this course, students will explore the six critical health factors such as: alcohol, drug and tobacco abuse, nutrition, physical activity, injury and violence prevention, mental/physical health, and growth and development.

**General Information:**

Grade Level: 7  
Course Length: Quarter

**As they pertain to the critical health factors, student will:**

- 1) comprehend core concepts and recognize influences.
- 2) access valid and helpful resources.
- 3) describe risk sources and name alternative options.
- 4) demonstrate goal-setting and decision making skills.
- 5) exhibit advocacy.

**Evaluation:**

Projects  
Daily participation  
Tests

## Health 10

Required

In this course, students will explore the six critical health factors such as: alcohol, drug and tobacco abuse, nutrition, physical activity, injury and violence prevention, mental/physical health, and growth and development. More in-depth discussion and analysis will take place with regard to the topics that were covered in Health 7. Students will also have the opportunity to become CPR certified.

**General Information:**

Grade Level: 10  
Course Length: Quarter

**As they pertain to the critical health factors, students will:**

- 1) comprehend core concepts and recognize influences.
- 2) access valid and helpful resources.
- 3) describe risk sources and name alternative options.
- 4) demonstrate goal-setting and decision making skills.
- 5) exhibit advocacy.

**Evaluation:**

Projects  
Daily participation  
Tests

# INDUSTRIAL TECHNOLOGY

## Technology I Grade 7

Required

Technology I is an introduction to technology and the technological systems found in the communication, manufacturing, transportation, construction, and engineering industries.

**General Information:**

Grade Level: 7  
Course Length: Half Quarter  
Level of Difficulty: Individual

**Students will:**

- 1) learn basic shop safety.
- 2) study woodworking methods and tools.
- 3) construct several woodworking projects.
- 4) review fractions and their addition and multiplication.

**Evaluation:**

Project work  
Tests  
Quizzes  
Homework

## Technology II Grade 8

Required

Technology II is a continuation of the exploration of technology and its effects on society. This class will emphasize today's technologies and engineering practices associated with communication, manufacturing, transport, and energy.

**General Information:**

Grade Level: 8  
Course Length: Half Quarter  
Level of Difficulty: Individual

**Students will:**

- 1) review Measurement and Apply to Isometric and Orthographic drawings.
- 2) study aerodynamics and construct a CO2 car using certain design parameters.
- 3) study basic electricity and construct an electric motor.
- 4) understand basic engineering concepts and practices.

**Evaluation:**

Projects  
Tests  
Quizzes  
Homework

## Industrial Technology Electives

### Audio Technology

Elective

Would you like to have that perfect stereo system? This class will show you how to install a great car system and build quality stereo speakers and do it all on a budget. Come help us solve the mysteries of stereo sound and find out what your ears have been missing.

**General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

**Students will:**

- 1) design and install car audio systems.
- 2) design and install home audio systems.
- 3) design and build speaker systems.
- 4) learn to be a wise electronics consumer.

**Evaluation:**

Lab work  
Lab projects  
Experiments  
Attendance  
Quizzes

### Creative Thinking

Elective

This is a hands-on class that involves critical thinking and problem solving practices. Enjoy learning how to create your own designs and the basic engineering practices to make those designs a reality. This class will give you problem solving techniques that help in all areas of life.

**General Information:**

Grade Level: 9, 10, 11, 12  
Course Length: Quarter  
Level of Difficulty: Intermediate

**Students will:**

- 1) learn basic design practices.
- 2) understand basic engineering principles.
- 3) practice critical thinking skills.
- 4) acquire problem solving techniques.

**Evaluation:**

Projects  
Attendance  
Daily work  
Experiments

### Drafting I

Elective

In this introduction to drafting class, students will learn about blueprint making and architectural drawings. Basic techniques of orthographic and isometric drawings will be practiced along with the introduction to CAD programs. This class will be a mix of basic traditional drafting and current computer programs used in today's drafting industry.

**General Information:**

Grade Level: 9,10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

**Students will:**

- 1) create a variety of three view drawings.
- 2) learn dimensioning techniques.
- 3) create computer aided drawings (CAD).

**Evaluation:**

Lab work  
Tests  
Quizzes

### Drafting II

Elective

This is an advanced study of Drafting. Students will learn advanced isometric, orthographic and architectural drafting. Students will create many CAD drawings using AutoCAD Lt technology. Students will also participate in constructing a model of a single family residence.

**General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Individual  
Prerequisite: Drafting I

**Students will:**

- 1) create isometric drawings.
- 2) create orthographic drawings.
- 3) create a complete set of house plans (blue prints).

**Evaluation:**

Lab work  
Tests  
Quizzes  
Model building

### Engineering 1

Elective

This class will be based on the principles of engineering and design. Take a project from a concept, to a process, and then actually complete the making of that project. If you wonder how things work, how things are made, and how engineering applies to multiple areas in today's world, then this class is for you.

**General Information:**

Grade Level: 9, 10, 11, 12  
Course Length: Quarter  
Level of Difficulty: Intermediate

**Students will:**

- 1) learn the concepts of engineering.
- 2) understand the manufacturing process.
- 3) design different machines.
- 4) understand how STEM applies to the current industry.

**Evaluation:**

Projects  
Daily work  
Attendance

### Engineering 2

Elective

Engineering 2 will be a more specific in-depth look into the different engineering practices used in today's industry. Projects will include taking things from conception to completion of finished products using multiple methods of production. We will take your engineering skills to the next level by understanding how finished products are made.

**General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate  
Prerequisite: Engineering 1

**Students will:**

- 1) practice engineering concepts.
- 2) use production methods.
- 3) make finished products.
- 4) understand the different types of engineering.

**Evaluation:**

Projects  
Daily work  
Attendance



## **Multimedia**

Elective

Multimedia is a class that will give students the opportunity to learn about and use digital cameras and video cameras. The class will include how to take digital pictures and make movies, then use computers to create them. The students will also learn how to manipulate and print pictures, make slide shows, burn music and photo CDs, and make multimedia DVDs.

### **General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

### **Students will:**

- 1) learn how to use digital cameras.
- 2) create digital pictures.
- 3) learn how to use video cameras.
- 4) edit videos.
- 5) burn music and photo CDs.
- 6) create multimedia DVDs.

### **Evaluation:**

Projects  
Quizzes  
Attendance  
Lab work

## **Photography I**

Elective

The purpose of this course is to familiarize the students with basic photography processes. The course will include learning about composition, how to take good photographs with a digital camera, the current photography technology and how to use it effectively.

### **General Information:**

Grade Level: 9,10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate

### **Students will:**

- 1) learn how to take "good" pictures.
- 2) learn how to use adjustable cameras.
- 3) will learn the workings of different types of digital cameras.
- 4) use photoshop to edit and store pictures.

### **Evaluation:**

Projects  
Quizzes  
Attendance  
Lab work  
Pictures

## **Photography II**

Elective

A class that will further allow you to explore how to take different types of photos using many different methods, and how to edit those photos effectively. This class will use both point and shoot and digital SLR cameras so that you can take your picture taking to the next level.

### **General Information:**

Grade Level: 9,10,11,12  
Course Length: Quarter  
Level of Difficulty: Individual  
Prerequisites: Photography or  
Digital Photography and Video

### **Students will:**

- 1) have input into what they want to further learn in photography.
- 2) use more advanced cameras to get results other cameras cannot.
- 3) learn about new technologies used in photography.
- 4) talk about phones and devices as a photo tool.

### **Evaluation:**

To be determined  
by student and  
instructor.

## **Robotics**

Elective

Robotics is all around us in today's world. We use robots in almost every field from advanced medical robots that can perform surgery, to everyday robots like your garage door opener. Robotics is one of the fastest growing fields in the world, and this is an opportunity for you to have fun learning about how they are made, function, and will affect your future.

### **General Information:**

Grade Level: 10,11,12  
Course Length: Quarter  
Level of Difficulty: Advanced  
Prerequisites: Engineering 1  
or Creative Thinking

### **Students will:**

- 1) learn how robotics are used in everyday life.
- 2) construct robots using multiple techniques and materials.
- 3) look at the future of Robotics.
- 4) understand how current technology interfaces with robots.

### **Evaluation:**

Projects  
Experiments  
Daily work  
Quizzes

### Woodworking I

Elective

This course will familiarize the student with many of the woodworking tools (hand, machine) used in the wood industry.

**General Information:**

Grade Level: 9, 10, 11, 12  
Course Length: Quarter  
Level of Difficulty: Intermediate

**Students will:**

- 1) use safe work habits.
- 2) draw project plans.
- 3) build selected projects.
- 4) use appropriate power tools.

**Evaluation:**

Project work  
Attendance  
Participation  
Daily work  
Quizzes

### Woodworking II

Elective

The student will have the opportunity to build the projects of their choice practicing the principles learned in Woodworking I.

**General Information:**

Grade Level: 9,10,11,12  
Course Length: Quarter  
Level of difficulty: Intermediate  
Prerequisites: Woods I

**Students will:**

- 1) practice safe work habits.
- 2) practice machine woodworking techniques.
- 3) build individual projects.

**Evaluation:**

Project work  
Attendance  
Participation

### Woodworking and Refinishing

Elective

This course is designed to focus on machine woodworking techniques and the arts of finishing and refinishing furniture in the home.

**General Information:**

Grade Level: 9,10,11,12  
Course Length: Quarter  
Level of Difficulty: Intermediate  
Prerequisites: Woods I

**Students will:**

- 1) practice safe work habits.
- 2) build individual projects.
- 3) practice finishing techniques.
- 4) practice refinishing techniques.

**Evaluation:**

Project work  
Attendance  
Participation  
Daily work  
Quizzes

### Cabinet Construction

Elective

This class will teach students how to construct various types of cabinets that are used in homes, workshops, as well as in industry. This may include grandfather clocks, entertainment centers, kitchen cabinets, medicine cabinets, and computer desks.

**General Information:**

Grade Level: 10,11,12  
Course Length: Semester  
Prerequisites: Woods I

**Students will:**

- 1) learn how to plan, coordinate, and complete a set of kitchen cabinet construction drawings.
- 2) construct a set of cabinets.
- 3) install a set of cabinets into a residence.

**Evaluation:**

Projects  
Tests  
Quizzes

# LANGUAGE ARTS

## Language Arts 7

### Required

Language Arts 7 focuses on speaking and listening, reading for all purposes, writing and composition, research and reasoning. Students will analyze literary components, examine text structures, develop vocabulary, organize and structure writing for various audiences and purposes, and explore grammar and mechanics of the English language.

#### **General Information:**

Grade Level: 7  
Course Length: 2 Quarters

#### **Students will:**

- 1) read a variety of literature.
- 2) write simple essays.
- 3) conduct research.
- 4) study grammar and mechanics.
- 5) give presentations.

#### **Evaluation:**

Tests  
Essays/Writing  
Presentations/Projects  
Speeches  
Participation  
Daily Assignments

## Developmental Language Arts 7

### Placement

Seventh Grade Developmental Language Arts focuses on speaking and listening, reading for all purposes, writing and composition, research and reasoning. Students will spend time practicing different reading strategies, developing vocabulary and practicing grammar and mechanics of the English language. This differentiated course offers a smaller class size and slower pacing than Language Arts 7.

#### **General Information:**

Grade Level: 7  
Course Length: 2 Quarters  
Prerequisites:  
Students will be placed based on teacher recommendation and spring MCA score.

#### **Students will:**

- 1) read silently and orally.
- 2) write simple paragraphs.
- 3) complete comprehension activities.
- 4) study grammar and mechanics.
- 5) give presentations.

#### **Evaluation:**

Tests  
Paragraph/Writing  
Presentations/Projects  
Speeches  
Participation  
Daily Assignments

## Language Arts 8

### Required

Eighth Grade English Language Arts continues to focus on the four academic standards: speaking and listening, reading for all purposes, writing and composition, research and reasoning. Students will read and analyze a variety of literary pieces including novels, dramas, poetry, nonfiction, and short stories. Students will also focus on developing vocabulary, practicing grammar and mechanics, learn different types and purposes for writing, and practice listening and speaking skills.

#### **General Information:**

Grade Level: 8  
Course Length: 2 Quarters

#### **Students will:**

- 1) read for varying purposes.
- 2) paragraph writing.
- 3) complete comprehension activities.
- 4) study grammar and mechanics.
- 5) give presentations.

#### **Evaluation:**

Tests/Quizzes  
Paragraphs/Writing  
Presentations/Project  
Speeches  
Participation  
Daily Assignments

## Developmental Language Arts 8

### Placement

Eighth Grade Developmental Language Arts is designed to enhance the reading and writing ability of students in all of the four academic standards: speaking and listening, reading for all purposes, writing and composition, research and reasoning. Students will spend time practicing different reading strategies, developing vocabulary, and practicing grammar and mechanics of the English language. This differentiated course offers a smaller class size and slower pacing than Language Arts 8.

#### **General Information:**

Grade Level: 8  
Course Length: 2 Quarters  
Prerequisites:  
Students will be placed based on teacher recommendation and spring MCA score.

#### **Students will:**

- 1) read silently and orally.
- 2) paragraph writing.
- 3) complete comprehension activities.
- 4) study grammar and mechanics.
- 5) give presentations.

#### **Evaluation:**

Tests  
Paragraphs/Writing  
Presentations/Projects  
Speeches  
Participation  
Daily Assignments

### Language Arts 9

Required

Language Arts 9 will continue to develop students' reading, writing, speaking, listening, and thinking skills. Students will explore various writing styles and continue to focus on a variety of literature forms. They will explore opportunities to improve their personal writing style through essays, short stories, speeches, and various other written projects through their use of the internet and technological resources. Students will also be expected to explore independent reading materials that will continue to foster their growth as readers.

**General Information:**

Grade Level: 9  
Course Length: 2 Quarters

**Students will:**

- 1) read a variety of literature including novels and plays.
- 2) write simple essays, research, and other forms.
- 3) give speeches.
- 4) study grammar.
- 5) study vocabulary.

**Evaluation:**

Tests  
Essays/Writing  
Speeches  
Discussions  
Participation

### Language Arts 10

Required

Language Arts 10 focuses on studying a variety of genres and selections of World Literature. By examining pieces chosen broadly from global authors, students will be able to make comparisons and connections between timeframes and cultures. Students will develop an appreciation for a wide variety of perspectives. Literary devices will be studied along with the author's purpose and cultural messages. Grammar and writing will be interwoven to build technical skills and fluency.

**General Information:**

Grade Level: 10  
Course Length: 2 Quarters

**Students will:**

- 1) study World Literature.
- 2) write essays.
- 3) write a major research paper.
- 4) read novels, short stories, poetry and plays.
- 5) revise and edit writing.
- 6) give presentations.

**Evaluation:**

Tests/Quizzes  
Essays/Writing  
Speeches  
Discussions  
Daily Assignments  
Projects  
Participation

### Language Arts 11

Required

Students in this course will benefit from units of study focusing on American Literature and Science Fiction. The American Literature component will include selections from classic and contemporary writers. The Science Fiction unit of study examines ways in which this genre reflects popular culture and the society of today. In reading American Literature and Science Fiction selections by authors from various time periods, students will sharpen their abilities to analyze, to think critically, and to make both inter-textual and global connections. Students will also be improving writing skills by practicing various types of writing and exploring different genres of the written expression. Emphasis will also be placed on preparing for the spring ACT exam and college readiness requirements.

**General Information:**

Grade Level: 11  
Course Length: 2 Quarters

**Students will:**

- 1) read.
- 2) increase vocabulary.
- 3) develop critical reading skills.
- 4) revise writing.
- 5) present.

**Evaluation:**

Tests/Quizzes  
Essays/Writing  
Speeches  
Discussion  
Daily Assignments

### Language Arts 12

Required

Language Arts 12 will largely center on the study of British Literature, but will also include units in work-place writing and public speaking. The British Literature course will continue to develop students' reading, writing, speaking, listening, and thinking skills through a variety of activities. Throughout the course, students will explore a variety of genres and take part in written and spoken assignments geared toward expressing their analysis of the pieces. Students will engage in small and large group discussion in addition to a variety of activities geared toward improving their understanding of the literature.

**General Information:**

Grade Level: 12  
Course Length: 2 Quarters

**Students will:**

- 1) develop critical reading skills.
- 2) give presentations or speeches.
- 3) read a variety of authors.
- 4) revise and edit writing.
- 5) study vocabulary.
- 6) write a variety of essays.

**Evaluation:**

Tests  
Essays/Writing  
Speeches  
Daily Assignments  
Discussion  
Participation

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**Freshman College English  
in association with  
Fond du Lac Community College**

The following course may be elected as a sequence for both college credit through Fond du Lac Community College and for Holdingford High School English requirements. These courses will be offered at HHS during the regular school day. Students must meet GPA and accuplacer requirements. Eligible students will be invited to participate. To check eligibility, see Ms. Clear. The students should note that these courses are for college credit and will be conducted and graded as such. It is recommended that students investigate and select other English classes as well.

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**College Composition 1101**

The aim of this course is to ensure students are prepared to meet the rigor and intensity of college level coursework. This course has a heavy emphasis on using the 6 traits of writing to compose numerous essays. Students will practice brainstorming, workshop writing, sentence construction and design, paragraph construction, the organization of ideas and the several types of, purposes of, and audiences for general essays. Students will write daily and should have previous success with written expression and the initiative to complete the required work promptly.

**General Information:**

Grade Level: 11  
Course Length: Quarter

FDLTCC 3 College Credits

**Students will build a foundation for:**

- 1) basic essay structure.
- 2) multi-source paper.
- 3) MLA
- 4) 4 short essays (2-4 pages) & 2 long essays including annotated bibliography
- 5) peer and personal editing.

**Evaluation:**

Daily writings  
Papers

**College Literature 1110**

The aim of this course is to ensure students are prepared to meet the rigor and intensity of college level course work. This course provides concentrated training in analytical reading and writing, specifically focusing on the modes, purposes, development, and language of discourse from a variety of genres and periods. In order to be successful in this class, students should have a track record of previous success with reading analysis and written expression, the desire and initiative to complete the required work in a timely fashion, and, most important, a love of language and literature.

**General Information:**

Grade Level: 12  
Course Length: Quarter

FDLTCC 3 College Credits

**Students will focus on:**

- 1) principles of argumentation.
- 2) basic essay structure.
- 3) writing about literature.
- 4) library database research.
- 5) the multi-source paper.
- 6) MLA documentation.

**Evaluation:**

Tests  
Portfolio  
Discussion  
Research Papers

**Advanced College Composition 1102**

Advanced Composition is a second semester freshman composition course that focuses on writing effective arguments and academic papers. Emphasis will be placed on the in-depth research paper, with attention paid to both MLA and APA styles.

**General Information:**

Grade Level: 12  
Course Length: Quarter  
Prerequisites: E1101

FDLTCC 3 College Credits

**Students will focus on:**

- 1) principles of argumentation.
- 2) logical fallacies.
- 3) writing about literature.
- 4) library database research.
- 5) the multi-source paper.
- 6) MLA and APA documentation.

**Evaluation:**

Tests  
Discussion  
Research Papers

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## Language Arts Electives

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### Creative Writing

Elective

Students in this course will benefit from exposure to a variety of different genres related to creative writing including personal, descriptive, and persuasive essays, journalism, short stories, poetry, and drama. Students will work independently and collaboratively to create a portfolio of creative work across a variety of genres. Students will identify and work through different writing processes including brainstorming, prewriting, character building, drafting, editing, and revisions to meet deadlines and share work with classmates.

**General Information:**

Grade Level: 9-12  
Course Length: Quarter  
Prerequisites: LA 7 & LA 8

**Students will focus on:**

- 1) the elements found in creative writing
- 2) writing creatively to develop original compositions
- 3) studying and emulating different genres
- 4) sharing peer feedback and making revisions

**Evaluation:**

Portfolio  
Journals  
Peer edits & revisions

### Introduction to Acting

Elective

This course is offered to introduce the basic skills of acting on stage. Students will learn how to embody a character and how to approach monologues and scene work through various techniques. Students will improve in listening, communication, physicality, and awareness. The course consists of group exercises to develop physical awareness, concentration, imagination, and trust. Basic physical, vocal, and analytical concepts; methods; vocabulary; and discipline required of the beginning actor will also be explored. Students will develop personalized creative processes through monologues, scene

**General Information:**

Grade Level: 9-12  
Course Length: Quarter  
Prerequisites: LA 7 & LA 8

**Students will focus on:**

- 1) Personalized creative process
- 2) Discipline of acting
- 3) Methods, vocabulary and basics of acting

### Novels Class

Elective

In this course, students will read novels across a multitude of genres. Novels will be read in both a full class and a book club setting. Students will prepare for and participate in socratic seminars on assigned reading. To prepare for discussion days students will write reading reflections and discussion essays.

**General Information:**

Grade Level: 9-12  
Prerequisites: LA 7 & LA 8

**Students will focus on:**

- 1) Reading novels as a class and in literature circles
- 2) Analyzing novels through discussion and writing
- 3) Elements, vocabulary, and tropes of novels

**Evaluation:**

Discussion Essays  
Book Club Discussions  
Socratic Seminar Part.  
Reading Reflections

# MATHEMATICS

## Math 7

Required

This course promotes problem solving, reasoning, communication, making connections, and developing representations. Students will use previous work with ratios to develop an understanding of proportions.

### **General Information:**

Grade Level: 7  
Course Length: 2 Quarters  
Prerequisites: Department Placement  
Note: Limited calculator use

### **Students will:**

- 1) apply the order of operations and identify properties.
- 2) represent, compare, and perform operations involving rational numbers including integers and percents.
- 3) apply ratios and proportions to solve problems including similar figures and probability with multiple representations.
- 4) solve, graph, and interpret proportional linear functions.
- 5) simplify and evaluate algebraic expressions and solve equations.
- 6) display, interpret, and find measures of central tendency for data.
- 7) calculate values involving circles and cylinders.

### **Evaluation:**

Tests  
Quizzes  
Daily work  
Projects

## Math 7 TS

Required

This course is for students who would benefit from a review and strengthening of the basic skills. The course will focus on improving thinking skills and will include specific topics to enable each student to be more successful in future math classes.

### **General Information**

Grade Level: 7  
Course Length: 2 Quarters  
Prerequisites: Department Placement

### **Students will:**

- 1) review basic operations on whole numbers, fractions, and decimals.
- 2) learn problem solving methods.
- 3) improve estimation skills.
- 4) use percentages, integers, scientific notation, and exponents.
- 5) find perimeter, area and volume.
- 6) calculate probability, use data, and interpret graphs.
- 7) simplify and solve variable expressions.
- 8) solve scalar problems and transform shapes.

### **Evaluation:**

Tests  
Quizzes  
Daily work  
Projects

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Eighth grade students will be appropriately placed in either a one year or two year algebra plan.

### **One Year Plan**

Advanced Algebra I covers the eighth grade algebra standards and the introductory algebra standards at the high school level in the same year.

### **Two Year Plan**

Algebra I A or Algebra I A TS: a one year course which covers the required math topics at the eighth grade level, followed by an additional one year course (Algebra I B or Algebra I B TS) which builds and extends the algebra topics introduced in eighth grade and covers the algebra and probability standards at the high school level.

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### Advanced Algebra I

Required

This course integrates algebra, geometry, statistics, and probability. Reading and problem solving are emphasized throughout the year. Technology is implemented and students learn to identify when it is appropriate. Students are exposed to competitions such as Math Counts, Minnesota Math League Contests, and the American Mathematics Contest.

**General Information:**

Grade Level: 8  
Course Length: 2 Quarters  
Prerequisites: Department  
Placement

**Students will:**

- 1) read, write, compare, classify, represent and solve problems involving rational numbers, irrational numbers, integer exponents, and scientific notation.
- 2) interpret data using scatter plots and lines of best fit.
- 3) identify, analyze, represent, solve and graph linear and nonlinear functions through evaluating arithmetic and geometric sequences.
- 4) solve problems involving right triangles by using the Pythagorean Theorem.
- 5) solve problems on a coordinate plane involving lines and polygons.
- 6) evaluate algebraic expressions.
- 7) represent and solve equations and inequalities.

**Evaluation:**

Tests  
Quizzes  
Daily work  
Projects

### Algebra I A or Algebra 1 A TS

Required

In this course, students will gain experience in finding solutions to equations and word problems. Graphing, factoring, and other topics are also included. Algebra 1 A TS will focus on the Algebra standards.

**General Information:**

Grade Level: 8  
Course Length: 2 Quarters  
Prerequisite: Department  
Placement

**Students will:**

- 1) read, write, compare, classify, represent and solve problems involving rational numbers, irrational numbers, integer exponents, and scientific notation.
- 2) interpret data using scatter plots and lines of best fit.
- 3) identify, analyze, represent, solve, and graph linear and nonlinear functions by using algebraic and geometric sequences.
- 4) solve problems involving right triangles by using the Pythagorean Theorem.
- 5) solve problems on a coordinate plane involving lines and polygons.
- 6) simplify algebraic expressions and solve algebraic equations.

**Evaluation:**

Tests  
Quizzes  
Daily work  
Projects

### Algebra 1 B or Algebra 1 B TS

Required

This course will build and extend the algebra strand of the MN math standards introduced in the year 1 course. Essential probability standards will also be covered. Algebra 1 B will focus on the Algebra standards.

**General Information:**

Grade Level: 9  
Course Length: 2 Quarters  
Prerequisite:  
Algebra I A TS or  
Algebra I A

**Students will:**

- 1) evaluate algebraic expressions, factor polynomials, and solve quadratic equations.
- 2) solve and graph inequalities and systems.
- 3) identify and represent functions using tables, graphs, and symbols.
- 4) display and analyze data.
- 5) use data to identify relationships and make conclusions.
- 6) calculate probabilities and apply probability concepts.

**Evaluation:**

Tests  
Quizzes  
Daily work  
Projects

**NOTE:** Three high school credits are required for graduation. Your instructor will determine appropriate placement prior to registration based on work ethic, math interest, course grades, Math MCA results and/or PLAN/Accuplacer results. Career goals will also be a consideration. Senior high school students interested in math, science, or related fields should plan to take advanced geometry, advanced algebra II, statistics, trigonometry, college algebra and a calculus course. Please see your math instructor or counselor for specific registration advice.



### Advanced Algebra II (AALG2)

Required

This course is an advanced course for students planning on continuing in the math field and who have a strong interest and background in math. The class will build on the concepts learned in Algebra and Geometry. This class prepares students for the Mathematics MCA and for college.

#### **General Information:**

Grade Level: 10  
Course Length: 2 Quarters  
Prerequisites:  
Advanced Geometry  
Department Placement

#### **Students will:**

- 1) identify important features of functions and other relations using symbolic and graphical methods.
- 2) represent and solve linear, quadratic, exponential, and other common functions with tables, descriptions, symbols, and graphs.
- 3) generate and evaluate algebraic expressions involving polynomials, exponents, logarithms, and radicals.
- 4) explore conics.
- 5) express the terms in an arithmetic or geometric sequence recursively and with a formula, and express the partial sums of an arithmetic or geometric series recursively.
- 6) display and analyze data; use various measures associated with data to draw conclusions, identify trends, and describe relationships.
- 7) calculate probabilities and apply probability concepts to solve real-world and mathematical problems.

#### **Evaluation:**

Tests  
Quizzes  
Daily work  
Projects

### Advanced Geometry

Required

This course is intended for students who took Advanced Algebra I. The class integrates algebra and geometry and is recommended for students planning post-secondary education. Basic geometric terms and shapes are reviewed and expanded. Computer technology is used for analyzing concepts, applications, and problem solving.

#### **General Information:**

Grade Level: 9  
Course Length: 2 Quarters  
Prerequisites:  
Advanced Algebra I  
Department Placement

#### **Students will:**

- 1) calculate measurements of plane and solid geometric figures.
- 2) apply appropriate units and convert between measurement systems.
- 3) apply scale factor to length, area, and volume.
- 4) recognize logical relationships, construct logical arguments, and give counterexamples.
- 5) know and apply properties of lines, angles, triangles, circles, congruent figures, similar figures, and polygons to solve problems.
- 6) apply trigonometric ratios, the Pythagorean Theorem, and special right triangles to solve problems.
- 7) use coordinate geometry to analyze segments and polygons.
- 8) use transformations to solve problems.

#### **Evaluation:**

Tests  
Quizzes  
Daily Work  
Projects

### Algebra II

Required

This course will prepare students for the Mathematics MCA and for college. Focus is on the Algebra and Data & Probability Strands of the MN Mathematics Standards.

#### **General Information:**

Grade Level: 10, 11, 12  
Course Length: 2 Quarters  
Prerequisites: Geometry  
Department Placement

#### **Students will:**

- 1) extend concepts learned in Algebra I and Geometry.
- 2) explore and evaluate functions.
- 3) represent and solve problems in various contexts.
- 4) use arithmetic and geometric sequences and series.
- 5) sketch graphs and translate functions.
- 6) simplify and evaluate polynomial and rational expressions.
- 7) display, analyze, describe, and predict data relationships and probabilities.

#### **Evaluation:**

Tests  
Quizzes  
Daily Work  
Projects

## Geometry

Required

This course will prepare students for the Mathematics MCA and for college. Focus is on the Geometry & Measurement Strand of the MN Mathematics Standards.

### **General Information:**

Grade Level: 10  
Course Length: 2 Quarters  
Prerequisite: Algebra I Course  
Department Placement

### **Students will:**

- 1) calculate measurements of plane and solid geometric figures through decomposition.
- 2) apply scale factor to length, area, and volume.
- 3) recognize and construct logical relationships and counterexamples.
- 4) know and apply properties of lines, angles, triangles, circles, congruent figures, similar figures, and polygons to solve problems.
- 5) apply trigonometric ratios, the Pythagorean Theorem, and special right triangles to solve Problems.
- 6) use coordinate geometry and transformations to solve problems.
- 7) perform constructions.

### **Evaluation:**

Tests  
Quizzes  
Daily work  
Projects

## Math Electives

### Algebra III

Elective

This course is a continuation of Algebra 2 and covers topics requiring further depth for college preparation. The class will include graphing calculator and/or computer technology for developing problem solving and test preparation skills.

### **General Information:**

Grade Level: 11, 12  
Course Length: Quarter  
Prerequisites: Algebra II or  
Advanced Algebra II

### **Students will:**

- 1) review Algebra and Probability & Statistics in preparation for post-secondary education.
- 2) analyze transformations and may include the application of matrices.
- 3) study analytical geometry.
- 4) solve trigonometry with polar coordinates and degrees.
- 5) use and apply logarithms and sequences.

### **Evaluation:**

Tests  
Quizzes  
Daily Work

### Core Math Topics

Elective

Core Mathematics is a senior math course that covers the foundations of mathematics. Math topics are revisited and reinforced through direct instruction and online course work. This course will prepare students for the future with essential math topics.

### **General Information:**

Grade Level: 11, 12  
Course Length: Quarter  
Prerequisites: Algebra II  
Department approval

### **Students will:**

- 1) solve problems in various contexts.
- 2) extend mathematical reasoning, especially through financial applications.
- 3) display and describe data.
- 4) use geometry and measurement in application problems.
- 5) evaluate and solve algebraic equations and inequalities.

### **Evaluation:**

Tests  
Quizzes  
Daily work  
Projects

### **Probability, Statistics, and Math Advanced Topics (PSMAT)**

Elective

Probability is the study of chance and uncertainty. In Statistics, data is collected, organized, displayed, interpreted, and analyzed. This class is intended for students who wish to continue their education in the field of mathematics.

#### **General Information:**

Grade Level: 11, 12  
Course Length: Quarter  
Prerequisites: Algebra II  
Department approval

#### **Students will:**

- 1) learn the language and basic definitions of probability and statistics.
- 2) complete probability projects and gather and display data for statistics projects.
- 3) use graphic calculators and/or calculators to analyze, graph, and evaluate data sets.
- 4) develop and study techniques to solve problems involving chance.
- 5) apply regression analysis and correlations.
- 6) evaluate reports based on published data.

#### **Evaluation:**

Tests  
Quizzes  
Daily work  
Projects

### **Trigonometry**

Elective

Trigonometry is the study of measurements, angles, and distances. This class is necessary for anyone planning a future in math, science, or a field involving angle measurement (construction, engineering, surveying, electronics, etc.). This class is intended for any individual wishing to continue their education in mathematics and is a good preparatory class for physics. **Articulated College Credit may be earned from St. Cloud Technical and Community College for Technical Computations by passing Trigonometry, meeting Accuplacer requirements, and passing an equivalency exam at 80% or higher.**

#### **General Information:**

Grade Level: 11,12  
Course Length: Quarter  
Prerequisite: Algebra II  
Department approval

#### **Students will:**

- 1) review the Pythagorean Theorem and Trig functions.
- 2) study circular motion and simple harmonic motion.
- 3) display and analyze trigonometric equations through the use of technology.
- 4) solve trigonometric equations using identities and apply them to triangle solutions.
- 5) study additional topics of trigonometry.

#### **Evaluation:**

Tests  
Quizzes  
Daily work

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## College Math Electives

The following College in the Schools Courses may be taken for college credit through Fond du Lac Tribal and Community College as well as an elective mathematics credit at Holdingford High School. The courses will be offered at HHS during the regular school day. There are specific admission requirements for participation in these courses which includes achieving a minimum score in Mathematics on the Accuplacer. It should be noted that these courses are offered for college credit and will be conducted and graded as such.

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### Math 1010 College Algebra (FDLTCC 3 college credits)

Elective

College Algebra is a study of logical thinking and includes topics of advanced algebra, sequences and series, vector analysis, functions, polynomial graphing, complex numbers, logarithms, and Linear Algebra. Students wanting a class to develop logical thinking skills, and a class to prepare them for any career or college classes involving calculus should take this class. **Note: This is a College in the Schools Course. STUDENTS TAKING COLLEGE ALGEBRA AT HOLDINGFORD WILL RECEIVE COLLEGE CREDITS THROUGH FOND DU LAC COMMUNITY COLLEGE. A MINIMUM SCORE ON THE PLACEMENT EXAM IS REQUIRED TO ENTER THIS CLASS.**

**General Information:**

Grade Level: 11,12  
Course Length: Quarter  
Prerequisites: Algebra II

Department approval

**At the end of the course, students will be able to:**

- 1) solve and graph linear and quadratic equations.
- 2) solve function problems including composition of functions.
- 3) demonstrate the theory of polynomials including the fundamental theorem of algebra.
- 4) analyze conic sections in basic forms.
- 5) solve exponential and logarithmic functions problems.
- 6) solve linear systems using matrix algebra.
- 7) solve arithmetic and geometric series and sequence problems using recursion and the binomial theorem.

**Evaluation:**

Tests  
Quizzes  
Daily work

### Math 1020 College Calculus: Short Course (FDLTCC 3 college credits)

Elective

This course will provide a review of algebra topics and introduce limits, derivatives, integration, and applications of calculus to the physical, social, and behavioral sciences. **Note: This is a College in the Schools Course. STUDENTS TAKING COLLEGE CALCULUS AT HOLDINGFORD WILL RECEIVE COLLEGE CREDITS THROUGH FOND DU LAC COMMUNITY COLLEGE.**

**General Information:**

Grade Level: 11,12  
Course Length: Quarter  
Prerequisites: College Algebra  
College Trigonometry  
Department approval

**At the end of this course, students will be able to:**

- 1) calculate limits, find continuity, and apply differentiation techniques to a variety of functions.
- 2) solve derivative applications including cost, revenue, and profit functions.
- 3) demonstrate the Fundamental Theorem of calculus.
- 4) analyze exponential and logarithmic functions with applications for growth, decay, and population models.
- 5) integrate functions and apply techniques to find area and volume.
- 6) demonstrate multivariable calculus techniques.

**Evaluation:**

Tests  
Quizzes  
Daily work

**Math 2001 College Calculus I (FDLTCC 5 college credits)**

Elective

This course is designed for students interested in pursuing mathematics and science. The class provides an introduction to basic differential and integral calculus including limits, derivatives, and integration. **Note: This is a College in the Schools Course. STUDENTS TAKING COLLEGE CALCULUS AT HOLDINGFORD WILL RECEIVE COLLEGE CREDITS THROUGH FOND DU LAC COMMUNITY COLLEGE.**

**General Information:**

Grade Level: 11,12  
Course Length: Semester  
Prerequisites: College Algebra  
College Trigonometry  
Department approval

**At the end of this course, students will be able to:**

- 1) solve algebraic and trigonometric graph and function problems.
- 2) define and solve limits using the difference quotient.
- 3) compute derivatives using the limit definition.
- 4) solve applied problems using properties of the derivative to find the maximum and minimum of functions.
- 5) integrate to solve geometric problems of planar area, curve length, surface area, and volume.
- 6) apply the fundamental theorem of calculus to problems in physics, economics, and other fields.
- 7) solve separable and first order differential equations.
- 8) employ numerical methods for integration.

**Evaluation:**

Tests  
Quizzes  
Daily work

**Math 1030 Introduction to Statistics (FDLTCC 3 college credits)**

Elective

In Statistics, data is collected, organized, displayed, interpreted, and analyzed. This class is intended for any individual wishing to continue in mathematics. **Note: This is a College in the Schools Course. STUDENTS TAKING INTRO TO STATS AT HOLDINGFORD WILL RECEIVE COLLEGE CREDIT THROUGH FOND DU LAC COMMUNITY COLLEGE. A MINIMUM SCORE ON THE PLACEMENT TEST IS REQUIRED TO ENTER THIS CLASS.**

**General Information:**

Grade Level: 11,12  
Course Length: Quarter  
Prerequisites: Algebra II  
Department placement  
College Algebra

**At the end of this course, students will be able to:**

- 1) organize raw data into frequency distributions and various graphs for analysis.
- 2) describe data using measures of central tendency, variation, and position.
- 3) find the probability of compound events involving additive, multiplicative, and/or conditioned properties.
- 4) count the number of ways a sequence of events can occur.
- 5) calculate descriptive statistics and probabilities for discrete probability distributions.
- 6) analyze the normal distribution and its applications.
- 7) use methods of inferential statistics to test the significance of a hypothesis.
- 8) predict the value of a dependent variable using linear regression.

**Evaluation:**

Tests  
Quizzes  
Daily work  
Projects

**Math 1015 College Trigonometry (CTRIG) (FDLTCC 2 college credits)**

Elective

This class is necessary for anyone planning a future in math, science, or a field involving angle measurement (construction, engineering, surveying, electronics). This class is intended for any individual wishing to continue their education in mathematics and is a good preparatory class for physics. **Note: This is a College in the Schools Course. STUDENTS TAKING TRIGONOMETRY AT HOLDINGFORD WILL RECEIVE COLLEGE CREDIT THROUGH FOND DU LAC COMMUNITY COLLEGE. A MINIMUM SCORE ON THE PLACEMENT TEST IS REQUIRED TO ENTER THIS CLASS.**

**General Information:**

Grade Level: 11, 12  
Course Length: Quarter  
Prerequisites: Algebra II  
Department placement

**At the end of this course, students will be able to:**

- 1) solve applied problems using the definitions of trigonometric functions.
- 2) solve triangles using the law of cosines and the law of sines.
- 3) model periodic problems and graph their solutions.
- 4) graph and analyze polar functions on the plane.
- 5) solve applied problems using vectors.
- 6) apply complex numbers in trigonometric forms.
- 7) verify and use trigonometric identities to solve equations.

**Evaluation:**

Tests  
Quizzes  
Daily work

# MUSIC

## 7th Grade Band

Elective

Continue playing! The 7th grade band offers new and familiar experiences. We will perform works that offer more independence for all players.

**General Information:**

Grade Level: 7  
Course Length: Year  
Level of Difficulty: Easy/ medium  
Prerequisites: 6th grade band or  
permission from director

**Students will:**

- 1) grow as a musician.
- 2) attend weekly sectionals.
- 3) practice for a minimum of 60 minutes per week.
- 4) perform at concerts.

**Evaluation:**

Concert attendance  
Sectional grade  
Daily participation  
Home practice

Other info: Fulfills 7th grade music requirement.

## 7th Grade Choir

Elective

7th grade choir members will have the opportunity to sing in an ensemble comprised of men and woman which rehearses Monday through Friday for the full year. The choir performs a minimum of two concerts in the year, and sings repertoire in unison, 2 and 3 part harmony, both accompanied and a cappella.

**Grade Level:** 7

**Course Length:** Year  
**Difficulty:** Easy/Medium

**Other info:** Fulfills 7th grade music  
requirement

**Students will:**

- 1) sing in unison, 2 and 3 part harmony.
- 2) focus on healthy vocal technique.
- 3) learn/demonstrate performance etiquette.
- 4) continue to develop overall musicianship.

**Evaluation:**

Daily participation  
Classroom behavior  
Concert performance  
Written work and  
reflection

## 8th Grade Band

Elective

Continue playing! As your performance abilities continue to raise, the level of music you will be able to perform will astound you!

**General Information:**

Grade Level: 8  
Course Length: Year  
Level of Difficulty: Medium  
Prerequisites: 7th grade Band or  
permission from director

**Students will:**

- 1) show a greater understanding of their instrument.
- 2) attend weekly sectionals.
- 3) practice for a minimum of 60 minutes per week.
- 4) perform at concerts.

**Evaluation:**

Concert attendance  
Sectional grade  
Daily participation  
Home practice

Other info: Fulfills 8th grade music requirement.

## 8th Grade Choir

Elective

8th grade choir members will have the opportunity to sing in an ensemble comprised of men and woman which rehearses Monday through Friday for the full year. The choir performs a minimum of two concerts in the year, and sings repertoire in unison, 2 and 3 part harmony, both accompanied and a cappella.

**General Information:**

Grade Level: 8  
Course Length: Year  
Level of Difficulty: Easy/Medium  
Other info: Fulfills 8th grade music  
Requirement.

**Students will:**

- 1) sing in 2 and 3 part harmony.
- 2) focus on healthy vocal technique.
- 3) emphasis on the changing voice.
- 4) demonstrate performance etiquette.
- 5) continue to develop overall musicianship.

**Evaluation:**

Daily participation  
Classroom behavior  
Concert attendance  
Written work and  
reflection

## Concert Band

Elective

Continue playing! Every part, every instrument, every member is vital! Group and individual accomplishment is waiting for you.

### **General Information:**

Grade Level: 9, 10,11,12  
Course Length: Semester  
Level of Difficulty: Advanced  
Prerequisites:  
8th grade band or permission from director

### **Students will:**

- 1) work towards mastery on their instrument.
- 2) perform over 20 times during the school year.
- 3) continue to accumulate a greater understanding of musical concepts.
- 4) be exposed to a wide range of music.

### **Evaluation:**

Daily participation  
Classroom behavior  
Concert attendance

## Concert Choir

Elective

The Holdingford Concert Choir is the premier auditioned vocal ensemble for 9th-12th grade mixed voices at Holdingford High School. As the flagship traveling choral ensemble for HHS, we perform a minimum of four times per year, at local events such as the Veteran's Day Program, Minnesota choral festivals, MSHSL state choir contests, and graduation. Concert Choir performs challenging mixed-voice music from any time period. Previous experience is recommended, and an audition or director's permission is required. If you enjoy making beautiful music with a community of like-minded individuals and having fun, this group is for you. This ensemble has a year-long commitment; however, accommodations may be made on a case-by-case basis.

### **General Information:**

Grade Level: 9,10,11,12  
Course Length: Year  
Difficulty: Intermediate/Advanced  
Prerequisites:  
Audition or permission from director  
Other info:  
Fulfills music requirement.

### **Students will:**

- 1) sing in 3, 4, and 5 part harmony.
- 2) focus on healthy vocal technique.
- 3) continue to develop overall musicianship.
- 4) perform at local events.
- 5) rehearse every day all year.
- 6) perform with a high standard of excellence and artistry.

### **Evaluation:**

Daily participation  
Classroom behavior  
Concert performances  
Written work and reflection

## **PHYSICAL EDUCATION**

The foundation for physical education is movement for enjoyment. Total body fitness is stressed in all grade levels with various sport and recreational activities added for individual and group participation.

### **PE 7**

Required

Students will learn skills and information needed to participate in the following activities: volleyball, basketball, soccer, floor hockey, badminton, lacrosse, eclipse ball, dance, football, softball and pickleball.

**General Information:**

Grade Level: 7  
Course Length: Quarter

**Students will:**

- 1) participate daily in fitness work.
- 2) show skill progression in individual and team activities.
- 3) demonstrate knowledge of game rules and strategies by active participation.
- 4) cooperate with instructor (s) and peers.

**Evaluation:**

Daily attendance  
Daily participation  
Team play  
Skill performance

### **PE 8**

Required

Students will learn skills and information needed to participate in the following activities: volleyball, basketball, soccer, lacrosse, eclipse ball, floor hockey, badminton, football, softball and pickleball.

**General Information:**

Grade Level: 8  
Course Length: Quarter

**Students will:**

- 1) participate daily in fitness work.
- 2) show skill progression in individual and team activities.
- 3) demonstrate knowledge of game rules and strategies by active participation.
- 4) cooperate with instructor (s) and peers.

**Evaluation:**

Daily attendance  
Daily participation  
Team play  
Skill performance

### **PE 9**

Required

Students will learn skills and information needed to participate in the following activities: volleyball, basketball, soccer, floor hockey, badminton, lacrosse, eclipse ball, football, weight lifting, softball, and pickleball.

**General Information:**

Grade Level: 9  
Course Length: Quarter

**Students will:**

- 1) participate daily in fitness work.
- 2) show skill progression in individual and team activities.
- 3) demonstrate knowledge of game rules and strategies by active participation.
- 4) cooperate with instructor (s) and peers.

**Evaluation:**

Daily attendance  
Daily participation  
Team play  
Skill performance

### **PE 10**

Required

Students will learn skills and information needed to participate in the following activities: volleyball, basketball, soccer, floor hockey, badminton, lacrosse, eclipse ball, dance, football, weight lifting, softball, and pickleball

**General Information:**

Grade Level: 10  
Course Length: Quarter

**Students will:**

- 1) participate daily in fitness work.
- 2) show skill progression in individual and team activities.
- 3) demonstrate knowledge of game rules and strategies by active participation.
- 4) cooperate with instructor (s) and peers.

**Evaluation:**

Daily attendance  
Daily participation  
Team play  
Skill performance



## Physical Education Electives

### Lifetime Sports

Elective

This course is designed for students who like to be active, acquire new skills, and achieve personal goals. Lifetime activities are activities or sports that people can pursue throughout their entire lives. The activities included in this course are softball, volleyball, tennis, badminton, yard games, archery, pickleball, frisbee golf, and bowling.

**General Information:**

Grade Level: 11,12  
Course Length: Quarter  
Level of Difficulty: Advanced

**Students will:**

- 1) cooperate with instructor (s) and peers.
- 2) continue to develop higher levels of skills in each activity.
- 3) demonstrate knowledge of game rules and strategies by active participation.

**Evaluation:**

Daily attendance  
Daily participation  
Team play  
Skill performance

### Team Sports

Elective

This course is ideal for students who enjoy playing sports, being active, and working together as a team towards a common goal. The units that will be covered include: football, tchoukball, soccer, softball, volleyball, basketball, lacrosse, eclipse ball, floor hockey, speed ball, and various ball games.

**General Information:**

Grade Level: 11,12  
Course Length: Quarter  
Level of Difficulty: Advanced

**Students will:**

- 1) cooperate with instructor (s) and peers.
- 2) continue to develop higher levels of skills in each activity.
- 3) demonstrate knowledge of game rules and strategies by active participation.

**Evaluation:**

Daily attendance  
Daily participation  
Team play  
Skill performance

### Total Body Fitness

Elective

This course is an introductory course designed to help each student develop his/her muscular strength and endurance, flexibility, and cardiovascular fitness. This course introduces the fundamental skills of fitness concepts and conditioning techniques for personal fitness with an emphasis on proper techniques. This course will include various activities such as weight training, yoga, and circuit training.

**General Information:**

Grade Level: 11,12  
Course Length: Quarter  
Level of Difficulty: Advanced

**Students will:**

- 1) cooperate with instructor (s) and peers.
- 2) continue to develop higher levels of skill in each area.
- 3) demonstrate proper technique and knowledge of weight lifting.

**Evaluation:**

Daily attendance  
Daily participation  
Skill performance

### Weight Training

Elective

This course is designed to provide students with the opportunity to participate in a yearlong strength and conditioning program. During this class, students will have the opportunity to improve muscular strength, muscular endurance, cardiovascular fitness, flexibility, and explosive power. Plyometrics, stretching, and running activities will supplement weight-training exercises. The intensity level of the program is very demanding. Students taking this class should have a basic knowledge in weight training because this class is intended to take weight training to a higher standard.

**General Information:**

Grade Level: 11, 12  
Course Length: Quarter  
Credit Earned: .50  
Level of Difficulty: Advanced

**Students will:**

- 1) cooperate with instructor (s) and peers.
- 2) continue to develop higher levels of skill in each area.
- 3) demonstrate proper technique and knowledge of weight lifting.

**Evaluation:**

Attendance  
Participation  
Skill performance

# **SCIENCE**

## **Life Science 7**

Required

Grade 7 Life Science is designed to provide students an overview of the nature of science and the scientific method; the processes of living cells, tissues, organs, organ systems of humans and other organisms; classification; simple organisms; plants; animals; and the ecological relationships between plants, animals and the physical environment.

### **General Information:**

Grade Level: 7  
Course Length: 2 Quarters  
Level of Difficulty: Intermediate

### **Students will:**

- 1) use the scientific method effectively.
- 2) name and describe the function of cell organelles.
- 3) classify organisms.
- 4) relate the name, location and function of the major organs and organ systems of the human body.
- 5) classify organisms by body shape and functions.
- 6) differentiate between plants and animals by their structures and functions.
- 7) relate the relationships between plants, animals and their physical environment.
- 8) effectively use critical thinking to solve problems.

### **Evaluation:**

Labs  
Projects  
Quizzes  
Tests  
Homework  
Extra Credit

## **Physical Science 8**

Required

This class provides a foundation to the discoveries about Physical Science. We will study energy, force & motion, magnetism, waves, and basic levels of chemistry. This class includes lab experiences and STEM projects. Ranging from: 3D models, classic laboratory experiments, etc.

### **General Information:**

Grade Level: 8  
Course Length: 2 Quarters  
Level of Difficulty: Intermediate

### **Students will:**

- 1) gain knowledge and participate in activities that include:
  - a. Scientific concepts and measurement, e.g. methods, variable and graphing interpretations, temperature and pressure, etc., introduction to the use of laboratory equipment.
  - b. Energy
  - c. Force & Motion
  - d. Magnetic Fields
  - e. Phase changes & Chemistry
  - f. STEM Challenges

### **Evaluation:**

Discussions  
Worksheets  
Lab activities  
Projects  
Engineering activities  
Tests/Quizzes

## **Environmental Science 9**

Required

This course will investigate the structure and function of the biosphere. Topics will include weather, solar and planetary systems, the sun, earth's processes, cycles of matter, and soil resources.

### **General Information:**

Grade Level: 9  
Course Length: 2 Quarters  
Level of Difficulty: Intermediate

### **Students will:**

- 1) be able to apply the knowledge of science to develop abilities of higher thinking, communication, goal setting and attainment, and problem solving.
- 2) be able to analyze and draw conclusions from data, graphing, charting and calculating.
- 3) understand the relationship among earth's processes
- 4) learn and apply information pertaining to weather, climate, and planetary motion.
- 5) learn and apply the scientific method to solve problems, conduct experiments, and perform laboratory investigations.
- 6) be able to apply Earth's processes to individual, social, and global issues.

### **Evaluation:**

Tests  
Quizzes  
Homework  
Projects  
Laboratory work

## Biology 10

### Required

This course is designed to provide students an understanding of living organisms, how they relate to one another, and to their environment. We will use the scientific method to explore several concepts relating to living organisms. After learning about cells (structure, function, & division) we will explore several processes of life from the single celled organisms through the multi-celled organisms.

#### **General Information:**

Grade Level: 10  
Course Length: 2 Quarters

#### **Students will:**

- 1) learn and apply environmental and ecological principles.
- 2) learn to apply the scientific method to solve problems, conduct experiments and perform laboratory investigations.
- 3) learn about the structure, function, and processes of cells.
- 4) learn the structure and function of subcellular organisms.
- 5) learn the principles of heredity, cell division, and biochemical processes.
- 6) learn the structure, function, and reproduction of plants.
- 7) learn the structure and function of organisms from the single celled organisms to the complex human organism.
- 8) learn about some of the current changes in Biology.
- 9) learn about the scientific naming of living organisms.

#### **Evaluation:**

Tests  
Quizzes  
Projects  
Lab work  
Daily work

## Chemistry in Society

### Elective to a requirement

This course deals with the chemical and physical properties of matter. The scientific method will be applied to analyze how everyday chemicals impact our lives.

#### **General Information:**

Grade Level: 11,12  
Course Length: 2 Quarters  
Level of Difficulty: Intermediate

#### **Students will:**

- 1) be able to apply chemistry concepts to individual, social and global issues.
- 2) be able to apply patterns on the periodic table to atomic issues.
- 3) learn the properties of matter including their ability to form, break and reform chemical bonds.
- 4) learn and apply chemical reactions to everyday life.
- 5) describe molecular motion of chemicals used in everyday life.

#### **Evaluation:**

Schoolwork-practice of concepts  
Laboratory work  
Research Projects  
Quizzes

## General Chemistry

### Elective to a requirement

A student studies the elements of matter, their atomic structure and composition, and the circumstances which influence chemical reactions. One will develop laboratory skills necessary for the practice of good science. Some interesting topics include acid-base chemistry and consumer-environmental chemistry.

#### **General Information:**

Grade Level: 11,12  
Course Length: 2 Quarters  
Prerequisites: Algebra I  
Advise: Strongly suggested for college/career bound students in science, medicine, nursing, etc., but **NOT** limited to these students.

#### **Students will:**

- 1) gain fundamental concepts of inorganic chemistry. This includes:
  - a. Classification of Matter
  - b. Theory of Atomic Structure and e-configuration
  - c. Periodic Table Trends and Chemical Bonding
  - d. Nomenclature
  - e. Mole, Formula calculations, and Stoichiometry.
  - f. Types of Reactions and Balancing Equations
  - g. Gas Laws
  - h. Intro to Acid-Base and Organic Chemistry
- 2) learn science laboratory techniques and safety.
- 3) learn how to solve problems by dimensional analysis.

#### **Evaluation:**

Lab data notebook  
Homework tasks  
Lab/Lecture  
Quiz and Test

#### **Needs:**

Lecture Notebook/Folder  
for organizing handouts, etc.  
Lab Data Notebook (e.g. graph-ruled 9x7)  
Scientific Calculator  
(lowest cost ~\$15.00 - look for one with **EE** or **EXP** in order to calculate scientific notation).

## **Physics**

Elective to a requirement

Physics is the study of our surroundings dealing with physical properties. The topics included in the course include mechanics, study of motion, work, power, energy, study of heat and temperature, structure of matter, sound, music, light, magnetism, electricity, and nuclear radiation.

### **General Information:**

Grade Level: 11, 12

Course Length: 2 Quarters

Level of Difficulty: College prep level

Prerequisites: Algebra II

Trig is recommended

### **Students will:**

- 1) study information relating to each of the topics listed above.
- 2) learn to apply principles studied to everyday applications.
- 3) set up labs dealing with each principle and carry out calculations.
- 4) learn problem solving techniques to answer questions.

### **Evaluation:**

Tests

Quizzes

Worksheets

Lab write ups

## Science Electives

### Chem 1010 and Chem 1011 College Chemistry (4 lecture 1 lab Credit each semester)

#### Elective

This course is an opportunity for students to complete the equivalent of a college biology introductory course and earn both high school and college credit. The focus of the course will be based on foundation skills such as naming, stoichiometry, electron and atomic theory, and chemical kinetics and equilibria. We will also be visiting concepts on basic organic chemistry involving naming, functional groups, and organic chemistry reactions.

#### **General Information:**

Grade Level: 11-12  
Course Length: Year (Mon-Fri)  
Prerequisites: Accuplacer Score

#### **Evaluation:**

Tests/Quizzes  
Lab work/Lab reports  
Projects  
Problem sets & Homework

#### **Chemistry 1010 Students will:**

- 1) correctly perform unit analysis problems applying significant digits and scientific notation.
- 2) demonstrate knowledge of the principles of atomic theory, the nuclear atom, isotopes, atomic mass to a discussion of elements and electron configuration.
- 3) demonstrate knowledge of the principles and distinguishing characteristics of ionic and molecular compounds, based upon physical properties and electronegativity differences.
- 4) correctly write molecular formulas from names of compounds and names of molecular formulas for both ionic and covalently bonded compounds.
- 5) balance reactions and identify the mole ratio and correctly solve mole calculations and mass to mass calculations involving reactions.
- 6) demonstrate knowledge of how the elements are arranged on the periodic table, predict differences in effective nuclear charge, atomic radius, ionization energy, and electron affinity between elements using periodic trends.
- 7) identify the principle attributes of the liquid state, solid state, and gaseous state and the energy associated with phase changes.

#### **Chemistry 1010 Topics:**

- 1) measurement and conversions
- 2) classical atomic theory
- 3) nomenclature (naming and writing formulas from names)
- 4) chemical reactions
- 5) the mole concept
- 6) stoichiometry in chemical reactions
- 7) matter
- 8) chemical composition
- 9) energy
- 10) modern atomic theory

#### **Chemistry 1011 Students will:**

- 1) demonstrate knowledge of solution types, the dissolving process, and the relationship between solubility and temperature.
- 2) correctly perform calculations involving concentration expressed as mass % and molar concentration, dilution of solutions, and solution stoichiometry.
- 3) demonstrate knowledge of reaction engines, reaction rate, equilibrium, and Le Chatelier's principle as applied in chemical reactions.
- 4) demonstrate knowledge of the basic principles of acids/bases and apply these concepts to titrations, indicators, and the calculations of pH.
- 5) distinguish between organic and inorganic compounds and be able to identify organic functional groups, structures, and properties of organic compounds.
- 6) demonstrate knowledge of alkanes, cycloalkanes, and their nomenclature.
- 7) define and identify amino acids, proteins, protein structure, and enzymes.

#### **Chemistry 1011 Topics:**

- 1) modern atomic theory
- 2) molecular bonding
- 3) molecular geometry
- 4) gas laws
- 5) solution chemistry
- 6) acids and bases
- 7) chemical equilibrium
- 8) electrochemistry
- 9) nuclear chemistry
- 10) introduction to organic chemistry

### **Biol 1101 and Biol 1102 College Biology (FDLTCC) 4 college credits each**

Elective

This course is an opportunity for students to complete the equivalent of a college biology introductory course and earn both high school and college credit. Fundamental concepts of biology, including chemical basis of life, cell structure and function, energy transformation, photosynthesis, cellular respiration, genetics, molecular biology, DNA technology, development, origin of life, classification and diversity of life, anatomy, physiology, development of prokaryotes, protists, fungi, animals and plants: behavior, population, community and ecosystem ecology.

#### **General Information:**

Grade Level: 12

Course Length: Year

Admission Requirements:

General Chemistry and Accuplacer

Admission Test highly recommended.

#### **Students will:**

- 1) gain knowledge and facts of topics presented above.
- 2) learn structure and function of topics presented above.
- 3) use lab practices and safety to apply knowledge of structure and function from classroom topics.

#### **Evaluation:**

Tests/Quizzes

Lab reports

Daily work

### **BIOL 2020 and BIOL 2021 Anatomy and Physiology (FDLTCC) 3 college credits each**

Elective

This course allows for students to complete the equivalent of a college anatomy and physiology course to earn high school and college credit. This course will go over the structural and functional aspects of selected human body systems with a strong emphasis on laboratory dissection and study. Designed for students majoring in nursing and health related sciences as well as physical education and liberal arts. Anatomy and Physiology I includes the lecture topics introduction to the human body, chemical level of organization, integumentary system, skeletal system, joints, muscular tissue, nervous tissue, spinal cord and spinal nerves, brain and cranial nerves, sensory, motor, and integrative systems, and the special senses. Anatomy and Physiology II includes the following systems and topics: sensory, motor, and integrative, special senses, autonomic nervous, endocrine, cardiovascular, lymphatic and immunity, respiratory, digestive, metabolism, urinary, fluid, electrolyte, acid-base homeostasis, reproductive, development and inheritance.

#### **General Information:**

Grade Level: 11, 12

Course Length: Semester each

Prerequisites: BIOL 1001 or BIOL 1101  
or consent of the instructor

#### **Evaluation:**

Tests/Quizzes

Daily Work

Lab Reports

Dissections

#### **BIOL 2020 Students will:**

- 1) Describe the critical importance of homeostasis on the anatomy and physiology of the human body.
- 2) Identify the major differences between the tissue types found in the human body.
- 3) Describe the function of the integumentary system.
- 4) Explain the structure and function of the skeletal system of the human body.
- 5) Describe the types and functions of joints in the human body.
- 6) Explain the structure and function of the muscular system.
- 7) Describe the cellular and gross anatomical structure and function of the nervous system.

#### **BIOL 2021 Students will:**

- 1) Describe how the general senses and the special senses function to provide essential information to the central nervous system.
- 2) Describe the functions of the endocrine and autonomic nervous system and their role in the maintenance of homeostasis.
- 3) Describe the role of the circulatory system in maintaining a constant internal environment.
- 4) Describe the role of the respiratory system in gas exchange in the human body.
- 5) Describe the role the excretory system plays in maintaining fluid and chemical balance in the body.
- 6) Demonstrate basic dissection and laboratory techniques relevant to the field of anatomy and physiology.

## Forensic Science

Elective

This class will enable students to see science through the eyes of a crime scene investigator. Students will hear from experts in the field, research cold cases, and demonstrate skills by collecting evidence to be used in a mock trial. This class is hands-on and requires students to think outside the box.

### **General Information:**

Grade Level: 9-12  
Course Length: Quarter  
Level of Difficulty: Intermediate

### **Students will:**

- 1) Research cold & current cases
- 2) Obtain the skills necessary to document, collect, and protect evidence at a crime scene
- 3) Follow the chain of custody to preserve evidence
- 4) Present scientific evidence at a mock trial
- 5) Learn about the human body through the eyes of a forensic toxicologist, entomologist, and anthropologist
- 6) Demonstrate the ability to run DNA, blood, fiber, and fingerprint tests and analyze the results

### **Evaluation:**

Crime scene investigations  
Tests/quizzes  
Formal write ups  
Classroom discussions

## BIOL 1005 Medical Terminology (FDLTCC) 1 College Credit

Elective

This course will provide a foundation of basic medical terms, which are created by adding prefixes and suffixes to root words. The course will include terminology used in anatomy and physiology, body systems and appropriate abbreviations for common medical terms. Utilizing text/workbook, review, and weekly tests. This course will provide the student with a working knowledge of common medical terms and abbreviations. This course content includes nursing process, nursing interventions, critical thinking, time management and organization for one patient, health promotion, illness prevention, and restoration health.

### **General Information:**

Grade level: 11, 12  
Course length: Quarter  
Prerequisites:

### **Students will:**

- 1) define and correctly spell medical root words, prefixes, and suffixes.
- 2) recognize and use medical abbreviations appropriately
- 3) identify correct prefix, root word and suffix
- 4) identify correct spelling of medical terms and importance of correct spelling
- 5) demonstrate ability to complete assigned tasks on time

### **Evaluation:**

Tests/Quizzes

## Minnesota Geology and Environmental Science

### **Natural Studies Electives Fall Semester**

Minnesota Geology is a course designed to expose the student to the natural resources and geological features of the state of Minnesota. Secondly, it will introduce concepts in historical geology which includes the structural and biological paleo-environments of North America. Laboratory projects will comprise a large portion of the class including map reading, fossil extraction and classification, rock and mineral identification, and field experiences.

### **General Information**

Grade Level: 10, 11, 12  
Level of Difficulty: Intermediate to Advanced

### **Students will:**

- 1) learn about Minnesota geology:
  - a. structures and maps.
  - b. major geologic characteristics.
  - c. glacial history.
- 2) learn about paleontology:
  - a. fossils.
  - b. historical geology.
  - c. paleo-organisms and dinosaurs.
- 3) participate on an extended day field trip:
  - a. fossil dig or environmental center.

### **Evaluation:**

Projects  
Classroom activities  
Tests/Quizzes  
Field trip participation

**Environmental Science** in the context of natural ecosystems and human civilization, explores the history of environmental and naturalist movements, concepts of stewardship and sustainability, and the social, economic, and ethical issues related to the environment. Students will study topics such as air, water, and soil science from an advanced perspective and then deal with issues such as pollution, waste, populations, urban and commercial development, solar, petroleum, and nuclear power, the concept of wilderness and preservation, etc. Laboratory activities will involve collecting actual data to analyze environmental concepts. Students will be challenged to critically analyze their data through research and seek to promote a community service project with ideas from the class in mind.

**General Information:**

Grade level: 10,11,12  
Prerequisites: Biology helpful

**Students will:**

- 1) learn how populations and communities are part of an ecosystem.
- 2) understand the characteristics of the various ecosystems.
- 3) study how human interactions have impacted natural settings.
- 4) relate issues such as pollution, waste, urban and commercial development, energy sources and usage, etc. to everyday life.
- 5) participate in laboratory activities to study air, soil, and water sciences as they relate to environmental issues.
- 6) collect data to analyze environmental concepts.
- 7) learn about organizations of land stewardship such as EPA, CRP, Ducks Unlimited, Earth Day, Arbor Day Association, Pheasants Forever, Green Peace, etc., and the influence made on environmental issues.
- 8) learn about the influences that scientists and other individuals have had on environmental issues.

**Evaluation:**

Projects  
Classroom activities  
Tests/Quizzes  
Labs

## Astronomy

### Natural Studies Elective Spring Semester

**Astronomy** —A student will learn about key characteristics of the solar system, stars and the universe. Astronomy will study the development of astronomical models and concepts from Aristotle to Edwin Hubble. Further detailed study of the Solar System will involve the planets and their moons, comets and asteroids. Stellar science involves the identification, naming, and classification of the stars and their constellations. Modern interpretations such as distance and time will involve deep space objects such as supernovas, nebulae and galaxies. The student will gain an understanding on the use of a telescope and a GPS tool to find constellations and other individual stellar phenomena. The course is geared to create a practical knowledge base of astronomy that will be rewarding for a lifetime.

**General Information:**

Grade Level: 10,11,12  
Level of Difficulty: Intermediate  
Prerequisites: Earth Science,  
Physical Science

**Students will:**

- 1) utilize scientific models to understand the history of astronomical exploration and the nature of planetary motions.
- 2) learn the cycles of the earth, moon, and sun.
- 3) be able to recognize astronomical tools and utilize telescopes to observe the celestial sky.
- 4) come to an understanding of star origins, properties, and life cycle.
- 5) recognize and identify common constellations and their apparent motion relative to Earth's seasons, i.e. How to use a Star Chart.
- 6) briefly investigate galaxies, meteorites, asteroids, and comets.
- 7) briefly investigate "deep space".

**Evaluation:**

Labs  
Homework  
Projects &  
Research  
Quizzes



## **SOCIAL STUDIES**

### **Seventh Grade Social Studies**

Required

Seventh Grade Social Studies introduces students to the geographical, economic, and social factors involved in the history of the United States starting with the Post-Reconstruction time period. This course will also incorporate western civilization sub-strands from world history strands of the Minnesota social studies standards.

**General Information:**

Grade Level: 7  
Course Length: 2 Quarters

**Students will:**

- 1) integrate geographical, economic, and social factors in their study of the history of the U.S. from 1877 to the present.
- 2) develop understanding and tolerance in a diverse society.
- 3) locate and use primary and secondary source materials.

**Evaluation:**

Class participation  
Individual projects  
Group projects  
Daily Work  
Tests & Quizzes

### **Eighth Grade Social Studies**

Required

World Geography is the study of the surface of the earth. The five themes of geography - location, place, human and environmental interaction, movement, and region will be emphasized with each unit. All geography sub-strands and benchmarks as required for grades four through eight by the Minnesota social studies standards will be covered in this class.

**General Information:**

Grade Level: 8  
Course Length: 2 Quarters

**Students will:**

- Demonstrate an understanding in the five sub-strands of the geography standards:
- 1) concepts of location
  - 2) maps and globes
  - 3) physical features and processes
  - 4) interconnections
  - 5) essential geography skills

**Evaluation:**

Tests  
Quizzes  
Daily work  
Reports  
Final exam  
Class participation

### **Ninth Grade Social Studies**

Required

Ninth Grade Social Studies is a study of United States history as well as geographical and economic concepts. This course will be an analysis of major themes in United States history starting with the indigenous people of North America through the Reconstruction Era and includes the study of revolution and social change, national liberation, and global conflict. Sub-strands from the Minnesota social studies, economic, and geography standards will be integrated into the study of United States history.

**General Information:**

Grade Level: 9  
Course Length: 2 Quarters

**Students will:**

- Demonstrate an understanding of:
- 1) the first ten sub-strands in the United States history strand of the Minnesota social studies standards for grades 9-12.
  - 2) sub-strands in the geography strand of the Minnesota social studies standards for grades 9-12.
  - 3) historical inquiry as required by the history skills standard of the Minnesota social studies standards for grades 9-12.
  - 4) sub-strands, as appropriate, in the economic strand of the Minnesota social studies standards for grades 9-12.

**Evaluation:**

Tests  
Daily work  
Quizzes  
Research projects  
Class participation

### Tenth Grade Social Studies

Required

Tenth Grade Social Studies is a study of world history, eastern and western hemispheres, from the ancient civilizations to the present. The course places an emphasis on factual knowledge used in conjunction with interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography and economics, set the human stage. All nine sub-strands of the world history strand in the Minnesota social studies standards will be covered as well as the international economics sub-strand from the economics strand.

**General Information:**

Grade Level: 10  
Course Length: 2 Quarters

**Students will:**

- Demonstrate an understanding of:
- 1) the nine sub-strands of the world history strand in the Minnesota social studies standards.
  - 2) international economics as outlined in the Minnesota social studies standards for economics.

**Evaluation:**

Tests  
Quizzes  
Daily work  
Research projects  
Class participation

### Eleventh Grade Social Studies

Required

Eleventh Grade Social Studies is a study of United States history as well as geographical and economic concepts. This course will be an analysis of major themes in United States history starting with the post-Reconstruction era and ending with the present. There will be an examination of social, economic, and political change as well as global conflict. Sub-strands from the Minnesota social studies economic and geography standards will be integrated into the study of United States history.

**General Information:**

Grade Level: 11  
Course Length: 2 Quarters

**Students will:**

- Demonstrate an understanding of:
- 1) the last six sub-strands in the United States history strand of the Minnesota social studies standards for grades 9-12.
  - 2) sub-strands in the geography strand of the Minnesota social studies standards for grades 9-12.
  - 3) historical inquiry as required by the history skills standard of the Minnesota social studies standards for grades 9-12.
  - 4) sub-strands, as appropriate, in the economic strand of the Minnesota social studies standards for grades 9-12.

**Evaluation:**

Tests  
Quizzes  
Daily work  
Research projects  
Class participation

### History of U.S. #1(4 college credits - 1 Quarter)

### History of U.S. #2(4 college credits - 1 Quarter)

Elective to a Requirement

This course is an opportunity for students to complete the equivalent of a college introductory U.S. History class and earn both high school credit and college credit through Fond du Lac Community and Tribal College. This course is designed to provide students with the analytical skills and factual knowledge to deal critically with the problems and materials in United States history.

**General Information:**

Grade Level: 11  
Course Length: 1 Semester  
Admission Requirements:

**Students will:**

- 1) gain knowledge of facts, concepts, and theories in U.S. history.
- 2) understand and interpret cause and effect relationships.
- 3) locate historical materials and assess their relevance to a given interpretive problem.
- 4) make decisions about the bias, reliability, and significance of historical materials.
- 5) weigh evidence and make or evaluate interpretations presented in history.
- 6) demonstrate the skills used to arrive to conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

**Evaluation:**

Quizzes  
Tests  
Essays  
Daily work

## Twelfth Grade Social Studies

Required

This course will study the foundations of American government, the constitution, politics, and the institutions of our government as they are now and how they developed. Included in this course will be the study of economics, micro and macro, with particular attention paid to the role the government plays providing a stable economy and promoting economic growth. Last, but certainly not least, the Minnesota state and local government structure and political processes will be studied.

### **General Information:**

Grade Level: 12  
Course Length: 2 Quarters

### **Students will:**

Demonstrate an understanding of:

- 1) the seventeen standards as set forth by the government and citizenship strand in the Minnesota social studies standards.
- 2) economic sub-strands in the Minnesota social studies standards.
- 3) several political history benchmarks as outlined in the U.S. History strand of the Minnesota social studies standards.

### **Evaluation:**

Tests  
Quizzes  
Daily work  
Research projects  
Class participation

## College American Government

### Principles of Economics: Macroeconomics

Elective to a Requirement

The following course may be elected as a sequence for both college credit through Fond du Lac Community and Tribal College and for Holdingford High School Social Studies requirements. These courses will be offered at HHS during the regular school day. There are specific admission requirements for participation in these courses. Eligible students will be invited to participate. To check eligibility, see Ms. Koester. The student should note that these courses are for college credit and will be conducted and graded as such.

### American Government - POLS 1010 - 3 college credits (One Quarter)

A study of the structure and function of the national government of the United States. The course examines the presidency, Congress, and the Federal Courts as well as the impact of interest groups, political parties and the media upon government.

### Principles of Economics: Macroeconomics - ECON 2020 - 3 college credits (One Quarter)

A study concerning the economy as a whole which includes national income analysis, fiscal policy, money and banking, monetary policy, international trade, and analysis of economic problems.

### **General Information:**

Grade Level: 12  
Course Length: Semester  
Other info:  
Elective option to Twelfth Grade  
Social Studies  
Prerequisite:

### **Students will:**

- 1) gain knowledge of facts, concepts and theories pertaining to U.S. government and politics.
- 2) understand typical patterns of political processes and behavior and their consequences.
- 3) be able to analyze and interpret simple data and their relationship to U.S. government and politics.
- 4) be able to provide a written analysis and interpretation of subject matter.
- 5) understand and analyze the performance of the nation's economy.
- 6) understand the Federal Reserve System and Monetary Policy.
- 7) understand Fiscal Policy and how it is made by the Government.

### **Evaluation:**

Test  
Daily work  
Quizzes

## Social Studies Electives Grades 10, 11, 12

### Current Issues

Elective

Students will examine a variety of issues confronting our nation and world today through the use of editorials, political cartoons, and debates.

**General Information:**

Grade Level: 10, 11,12  
Course Length: Quarter

**Students will:**

1. apply cause and effect concepts to contemporary problems.
2. identify historical reasons for contemporary problems.
3. identify a variety of sources available to keep them informed on contemporary problems.
4. develop their own solutions and evaluate those solutions.
5. examine contemporary problems from a liberal and conservative point of view.
6. understand and use critical thinking skills.
7. identify a variety of sources available to keep students informed on current issues.
8. classify information on current issues into political, social, economic and social causes and effects.
9. participate in a debate.

**Evaluation:**

Tests  
Group project  
Individual projects  
Final project  
Quizzes  
Participation  
Debate

### Introduction to Law

Elective

Laws are rules of conduct which are made and enforced by a government. They have grown out of thousands of years of experience and they are still growing and changing as our society grows and changes. Laws affect us every day in almost everything we do.

Laws fall into two major groups: criminal and civil. People usually think that both of these groups are complicated and in a sense, they are right. Everyone can understand the fundamental principles of both groups and it is important to us so we should be familiar with them. This class will give you just this kind of basic, but essential legal knowledge.

**General Information:**

Grade Level: 10, 11 & 12  
Course Length: Quarter

**Students will:**

- 1) develop a clear view of their legal rights and responsibilities as consumers.
- 2) develop an understanding of contracts.
- 3) explain the knowledge and skills they will need in renting or buying a home.
- 4) understand their own and others rights, responsibilities, and liabilities in regard to certain types of negligent and intentional torts.
- 5) explain the legal rights and responsibilities of parents and children.
- 6) form a realistic picture of the criminal justice system in the U.S.
- 7) understand the rights of victims and the accused.
- 8) explain the differences between juvenile and adult law.
- 9) examine the need for police and understand the relationship between police officers and society.
- 10) understand the court system.
- 11) develop a realistic understanding of our corrections system.

**Evaluation:**

Tests  
Reports  
Quizzes  
Daily work  
Final exam

## **Psychology**

Elective

This is a high school psychology class with emphasis in development and motivation for us as humans. We will examine four areas of development within ten age groups. We will also examine the various influences in motivating behavior including perception, the functions of the brain, emotions and mental illness.

### **General Information:**

Grade Level: 10, 11,12

Course Length: Quarter

### **Students will:**

- 1) take notes.
- 2) conduct group tasks.
- 3) read the text.
- 4) answer questions from the text.

### **Evaluation:**

Tests  
Quizzes  
Teacher evaluation  
Class participation

## **Sociology**

Elective

Sociology is an elective course designed to familiarize students with various cultures and the problems resulting from people living in groups. This course covers such topics as culture, subcultures, social institutions, collective behavior, social change, social deviation, the family, religion, racial and ethnic minorities, poverty, and crime. The latter portion of this course deals specifically with the pressing problems of our society, their causes, and possible solutions.

### **General Information:**

Grade Level: 10, 11,12

Course Length: Quarter

### **Students will:**

- 1) take notes.
- 2) conduct group tasks.
- 3) read the text.
- 4) answer questions from the text.

### **Evaluation:**

Tests  
Quizzes  
Teacher evaluation  
Class participation

# WORLD LANGUAGES

## Spanish I

Elective

This course is an introduction to the customs and language of a culture that is different from your own. It is designed to concentrate on the four basic communication skills; reading, writing, listening, and speaking. Time will also be spent on learning about general culture and the countries where Spanish is spoken.

### **General Information:**

Grade Level: 9,10,11,12

Course Length: Semester

### **Students will:**

- 1) use different ways of greeting and addressing people.
- 2) use correct pronunciation and sound combinations.
- 3) respond to basic questions.
- 4) use simple, and eventually more complex sentences.
- 5) watch and listen for main ideas and details.
- 6) be able to recognize everyday objects and vocabulary.
- 7) develop an introductory knowledge of the geography and culture of countries of the target language.

### **Evaluation:**

Tests  
Homework  
Passports  
Participation  
Projects

## Spanish II

Elective

This course is an extension of Spanish I and will also concentrate on the four communication skills (reading, writing, listening, speaking) and select cultural aspects. Grammar points will be expanded further to include additional structures and verb forms. Additional vocabulary will also be taught to increase and broaden vocabulary already learned in Spanish I.

### **General Information:**

Grade Level: 10, 11, 12

Course Length: Semester

Prerequisites: "C-" or above in Spanish I, or written permission from the instructor.

### **Students will:**

- 1) communicate with basic social expressions and language.
- 2) understand basic structures of the target language.
- 3) use the present tense correctly.
- 4) use past tense correctly.
- 5) ask and answer questions in the target language.
- 6) read and listen for main ideas and/or details.
- 7) communicate effectively in real life situations.
- 8) possess a knowledge of the history, geography and culture of the countries where the target language is spoken.

### **Evaluation:**

Tests  
Homework  
Passports  
Participation  
Projects

## Spanish III

Elective

This course is an extension of Spanish I and II and will also concentrate on the four communication skills (reading, writing, listening, speaking) and select cultural aspects. Grammar points will be expanded further to include additional structures and verb forms. Additional vocabulary will also be taught to increase and broaden vocabulary already learned in Spanish I and II.

### **General Information:**

Grade Level: 11, 12

Course Length: Semester

Prerequisites: "C-" or above in Spanish II, or written permission from the instructor.

### **Students will:**

- 1) be able to demonstrate 1st and 2nd year outcomes.
- 2) demonstrate use of structural patterns in the target language.
- 3) be able to communicate in spoken and written form.
- 4) be able to comprehend written and oral messages given by someone in the target language.
- 5) use a variety of tenses in the target language.
- 6) be able to function as a tourist on a survival level in the target language in target countries.
- 7) possess a knowledge of the history, geography and culture of the countries where the target language is spoken.

### **Evaluation:**

Tests  
Homework  
Passports  
Participation  
Projects

### Cultural Studies

Students will learn how to see oneself and the world from multiple perspectives. Students will participate in valuable discussions and activities regarding differences and similarities in race, traditions, religion, culture, and abilities.

**General Information:**

Grade Level: 8  
Course Length: Quarter

**Students will:**

- 1) read silently and orally with a partner and small groups.
- 2) watch films and video clips.
- 3) complete short answer question sheets.
- 4) complete short projects.
- 5) take short quizzes regarding content material.

**Evaluation:**

Class & Group Discussions  
Daily Work/Homework  
Quizzes

## CAREER

### Work Experience Program

Elective

This program connects school and work by offering both classroom instruction and on-the-job experience. Participants leave for work during the last hour after the second week of the course. **The workplace must follow all state and federal employment laws including Child Labor Laws and tax laws and must be approved as a safe working environment.**

**General Information:**

Grade Level: 11,12

**Students will:**

- 1) provide the instructor with employment details before school starts.
- 2) attend daily class sessions for two weeks.
- 3) attend class sessions once per month starting in October.
- 4) follow a contract signed by student, parent, employer, and teacher.
- 5) **work a minimum of 5 hours per week at an approved job.**

**Evaluation:**

S/U Grading  
Classroom Participation  
Quarterly Evaluation  
Forms