Southland

REBELS

High School Registration Guide

2024-2025 School Year

TABLE OF CONTENTS

REQUIREMENTS FOR GRADUATION FROM SOUTHLAND HIGH SCHOOL

30 credit hours are required for graduation. 7.5 credits are the minimum any student can take in any one school year. Please realize that most students entering college will have more than the 30 credit hour minimum. Also note, Algebra 8 does not meet the high school algebra requirement.

	Grade	Credit
A. Language Arts		
1. Language Arts 9	9	1
2. Language Arts 10	10	1
3. Language Arts 11	11	1
4. Language Arts 12	12	1
B. Mathematics (Three Credits required)		
1. Intermediate Algebra	9 or 10	1
2. Geometry	9, 10 or 11	1
3. Algebra II	10, 11 or 12	1
4. Elective Math	11 or 12	1

Note: Students taking algebra in 8th grade must take Geometry, Algebra II and one elective math credit to meet the three credits of math required for graduation.

C. Science		
1. Physical Science	9	1
2. Biology	10	1
3. Elective Science	11, or 12	1
4. Chemistry or Physics (Class of 2015 & beyond)		1

Note: Alternative courses are listed below to meet the Chemistry or Physics requirement.

D. Social Studies		
1. American History	9	1
2. World Geography	10	1
3. World History	11	1
4. American Government	11 or 12	.5
5. Economics	11 or 12	.5
E. Physical Education		
1. Physical Education Elective	Any	1.5
F. Personal & Community Health	9 or 10	.5
G. Art	Any	1
H. Senior Project	12	.5
I. Electives	Any	12.5

Note: Animal Science and Horticulture may each apply .5 credits toward the 1.0 credit hour electives that is necessary in science for graduation.

Note: Vocational Economics may be applied to the .5 economic credit that is required for graduation.

Note: For the class of 2015 and beyond, Food Science I & II, Animal Science, and Horticulture may be applied as an equivalent Chemistry class required for graduation.

Note: Computer Design & Fabrication or Small Engines, may be applied as an equivalent Physics class required for graduation.

CREDIT INVENTORY
30 CREDITS REQUIRED FOR GRADUATION

COURSES	CREDIT	COMPLETED
Language Arts 9 Semester 1	.5	
Language Arts 9 Semester 2	.5	
Language Arts 10 Semester 1	.5	
Language Arts 10 Semester 2	.5	
Language Arts 11	.5	
Language Arts 11	.5	
Language Arts 12	.5	
Language Arts 12	.5	
American History Semester 1	.5	
American History Semester 2	.5	
World Geography Semester 1	.5	
World Geography Semester 2	.5	
World History Semester 1	.5	
World History Semester 2	.5	
American Government/Citizenship	.5	
Economics	.5	
Intermediate Algebra Semester 1	.5	
Intermediate Algebra Semester 2	.5	
Geometry Semester 1	.5	
Geometry Semester 2	.5	
Algebra II Semester 1	.5	
Algebra II Semester 2	.5	
Math Elective (2 Semesters)	1	
Physical Science Semester 1	.5	
Physical Science Semester 2	.5	
Biology Semester 1	.5	
Biology Semester 2	.5	
Science Elective (Chemistry or Physics 2015 & Beyond)	1	
Art (Visual Arts, Music Digital Photography or Media Arts)	1	
Physical Education	.5	
Physical Education	.5	
Physical Education	.5	
Personal/Community Health	.5	
Total Elective Credits	12.5	
Senior Project	.5	
Cumulative Earned Credits to Date	Total:	

I. REQUIRED AND ELECTIVE CREDITS

Students are automatically registered for 17.5 required credit hours during their four years of high school. This allows them the opportunity to select 12.5 elective credits hours.

II. SEMESTER GRADING AND SEMESTER CREDIT

Based upon passing grades, credits are permanently recorded at the end of each semester on the following basis:

1. Full year courses meeting one period per day — ½ credit for semester 1, ½ credit for semester 2
2. Semester courses meeting one period per day — ½ credit

III. HONOR ROLL

All Academic Honors is designed to acknowledge students who maintain a straight A average. Students may not have grades below an A to make All Academic Honor Roll.

A Honor Roll is based upon a minimum quarterly grade average of 3.67 on a 4.0 scale.

B Honor Roll is based upon a minimum quarterly grade average of 2.67 on a 4.0 scale. Incomplete grades may disqualify you from consideration for the honor roll if not made up within two weeks after each quarter. A grade below a C- on the grade report automatically disqualifies you from consideration for honor roll status.

(Students who are enrolled in PSEO will be eligible for 2nd and 4th quarter Honor Roll upon receipt of grades from their PSEO institution.)

IV. COMMON GRADING SCALE & GRADE POINT AVERAGE (G.P.A.)

Letter Grade		Percentage	G.P.A.
A+	=	100, 99	4.00
A	=	98, 97, 96, 95, 94	4.00
A-	=	93, 92	3.67
B+	=	91, 90	3.33
B	=	89, 88, 87, 86, 85	3.00
B-	=	84, 83	2.67
C+	=	82, 81	2.33
C	=	80, 79, 78, 77, 76	2.00
C-	=	75, 74	1.67
D+	=	73, 72	1.33
D	=	71, 70, 69, 68, 67	1.00
D-	=	66, 65	0.67
F	=	64 and below	0.00

V. EDUCATIONAL REQUIREMENTS BEYOND HIGH SCHOOL

It is important for students to register for high school classes that will satisfy the entrance requirements for potential institutions. These requirements can vary between various institutions and between programs within the same institution. It is the responsibility of the student to become

familiar with the entrance requirements of potential institutions to which they wish to apply. This can be best accomplished by speaking with the counselor here at school or by contacting potential institutions directly.

Students are also strongly encouraged to arrange a campus visit to those institutions that they may be considering. Admissions factors considered by post-secondary institutions may include: class rank, grade point average, high school course selection, entrance exam scores (ACT), participation and leadership in school and community activities, a personal essay and teacher recommendations.

In general, students may adhere to these guidelines for admission:

MINNESOTA STATE COLLEGES AND UNIVERSITIES ADMISSION REQUIREMENTS

2-year state college requirements

The two-year state community and technical colleges have an open admissions policy. This means:

- You can enroll if you have a high school diploma or a GED. Even without those, you may be admitted if you demonstrate potential for success in college.
- No standardized tests are required for admission to the two-year state colleges, and your high school grades and class rank are not considered.
- After you have been admitted, you will be required to take a test for placement in the appropriate courses based on your reading, writing and mathematics skills.
- You are more likely to do well on the placement test if you complete a "college prep" curriculum in high school, including four years of English and three years of mathematics, science and social studies. If you did not, you may not be admitted to certain programs. Most likely, you will have to take developmental or remedial courses that will not count toward a degree before you can take college-level courses.

4-year state university requirements

The seven state universities generally will accept you if you can answer yes to at least one of these questions:

- Did you graduate in the top half of your high school class?
- Did you score 21 or higher on the ACT standardized test?
- Did you receive a combined score of 1,000 or higher on the SAT standardized test?

Admission to some of the seven state universities may require meeting slightly different requirements. Check with the university admissions office for details. Even if you don't meet minimum requirements, you may be considered for admission under special provisions.

Apply early in 12th grade for the best chance at being admitted. Some universities and programs do not have room for all qualified applicants. For admission to a state university, you also should have completed these courses in high school:

- Four years of English, including composition and literature
- Three years of math, including two years of algebra, one of which is intermediate or advanced algebra, and one year of geometry
- Three years of science, including one year each of a biological and a physical science with laboratory experience

- Three years of social studies, including one year each of U.S. history and geography
- Two years of a single world language, including non-English native languages and American Sign Language
- One year of visual and performing arts

MINNESOTA PRIVATE COLLEGE ADMISSIONS REQUIREMENTS

The admission requirements for private colleges vary greatly. Students are strongly encouraged to contact prospective schools for admission information. The general guidelines for the University of Minnesota or State Universities may be followed but these are generally minimum requirements. Several private colleges require three years of a foreign language.

MINNESOTA PRIVATE CAREER SCHOOL REQUIREMENTS

These schools offer programs in business, technology, cosmetology, art, music and nursing. Again, students should contact prospective schools for admission requirements.

MILITARY SERVICE

All military branches now require a high school diploma for entrance. Students interested in the military are encouraged to visit with a military recruiter or guidance counselor for information.

NCAA Eligibility

The NCAA Eligibility Center certifies the academic and amateur credentials of all students who want to play sports at an NCAA Division I or II institution as freshmen. In order to practice, play and receive an athletic scholarship, students need to meet certain academic benchmarks.

What are the Academic Initial-Eligibility Requirements?
The following requirements must be met in order for a student to be able to practice, play and receive a scholarship at an NCAA Division I or II college or university:

DIVISION I
16 Core Courses
4 years of English.
3 years of mathematics (Algebra I or higher).
2 years of natural/physical science (1 year of lab if offered by high school).
1 year of additional English, mathematics or natural/physical science.
2 years of social science.
4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

DIVISION II
14 Core Courses
3 years of English.
2 years of mathematics (Algebra I or higher).
2 years of natural/physical science (1 year of lab if offered by high school).
2 years of additional English, mathematics or natural/physical science.
2 years of social science.
3 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

DIVISION II
16 Core Courses
(2013 and After)
3 years of English.
2 years of mathematics (Algebra I or higher).
2 years of natural/physical science (1 year of lab if offered by high school).
3 years of additional English, mathematics or natural/physical science.
2 years of social science.
4 years of additional courses (from any area above, foreign language or comparative religion/philosophy

VII. POST-SECONDARY ENROLLMENT OPTIONS

WHAT IS PSEO?
Students in 11th & 12th grade are eligible to attend college or technical school, either full-time or part-time at no cost to the student if electing to take high school credit for the coursework. (Post-Secondary Enrollment Options Act of 1985)

WHO IS ELIGIBLE?
Juniors must rank in the upper one-third of their class, have a cumulative 3.0 GPA, or score at or above the 70th percentile on a nationally standardized, norm- referenced test, and meet Accuplacer score requirements for course placement.

Seniors must rank in the upper one-half of their class, have a cumulative 2.5 GPA, or score at or above the 50th percentile on a nationally standardized, norm- referenced test, and meet Accuplacer score requirements for course placement.

HOW TO APPLY:
- Meet with the school principal or dean of students to discuss the post-secondary courses you wish to take and how they fit into the high school requirements.
- Complete and sign appropriate forms. PSEO applications are available in the High School Office.
- Register for and complete the Accuplacer assessment in Reading, Writing and Math.
- Meet with the admissions person from post-secondary institution. The post-secondary institution determines whether or not you are accepted.

ADDITIONAL INFORMATION TO CONSIDER:
- Students considering PSEO should start planning early; paperwork for the coming school year needs to be done by May 30.
- Students are expected to be responsible, self-starting and independent learners. There are no "mid-term" report cards so students will not be eligible for the honor roll at the end of Quarters 1 and 3!
- Students and their parents should seek information and counseling at the high school and post-secondary institution to assure that the best possible choices are being made for the student to meet their education goals.
- Also, keep in mind which future college the student plans to attend beyond graduation. Realize that not all colleges will accept "All" transfer PSEO courses in place of their own freshman requirements.
- Once post-secondary course work is begun it is the responsibility of the student to see that all graduation requirements are met.

- If spring semester post-secondary grades have not been received at the high school prior to graduation, the diploma will be unsigned until course grades are received.

It is very important that students and their parents meet with the school principal or dean of students to be certain that the post-secondary courses they register for meet high school requirements, assuring that the credits needed for high school graduation are met.

VIII. TESTING OUT OPTION

In accordance with the Minnesota Department of Education Rule #3500.2900 requiring districts to establish and maintain a system for awarding course credit to students who have demonstrated and successfully met the learner outcomes of a course, it is the intent of Southland School District to implement the following system:

Process for applying and receiving credit: Grades 9 – 12

A. The student will discuss the request for testing out with the school counselor and/or principal and then complete the application. This process must begin at least one full quarter prior to the start of the regular class. The summer period will be treated as one quarter.

B. The assessment process cannot encompass all of the learning experiences students would have if they actually took the class.

C. At the time the application is submitted it is assumed the student is ready to begin the assessment process. All portions of the assessment must be completed within a one quarter period. Students will be notified by the counselor and/or principal where and when the first portion of the assessment will be given.

D. The district end of course assessment may be used as the first part of the process. Only students who pass this assessment at an 80% level (or exhibit high quality work on a performance based assessment) would be eligible to continue to the second part of the process.

E. During the second portion of the assessment process, the student may be asked to demonstrate skills, answer questions in an interview, exhibit a portfolio of tasks, or be involved in some other performance based assessment.

F. A student may attempt to test out only once for each course and may not test out of a course in which he/she previously received grades, an incomplete, or dropped.

G. Courses which are sequential must be tested out in the same sequence. If a course requires a prerequisite, the prerequisite must have been completed or satisfactorily tested out ahead of time. If a student fails to complete the entire assessment process during the designated time period, the application will be denied.

H. If the student completes an assessment process in a satisfactory manner, the student's transcript will show the credit earned and a course grade of P. Depending on the course, students may earn a semester credit, a full year credit, in the case of a full year course a student must successfully complete both semesters.

I. Students shall currently be enrolled as a full time student and must agree to maintain full time student status at Southland.

J. Test Out Committee: The district shall name a test out committee of faculty and administration who shall review materials of each applicant. The committee shall include a department person, counselor, and the principal. The committee shall determine based on the student application materials and the course outcomes, whether or not the student is approved for the test out opportunity. If the request is denied, rationale will be provided. Under special circumstances, the application deadline may be waived.

K. Notification: The applicant and his/her parents shall be notified of the committee decision with five (5) working days of the application deadline. Decisions of the committee may be appealed within five (5) working days of the notification.

L. Appeal Process: The appeal committee shall consist of the Superintendent, who will act as the hearing officer, a member of the Board of Education, and three teachers selected by the Superintendent. The appeal shall be heard within ten (10) working days of notification. A majority decision by the committee shall be rendered within three (3) days and is final.

The committee's decisions regarding the student application for test out shall become part of the student's file.

Southland High School

Testing Out Application

This application is to be used when students feel they are ready to demonstrate that they are already able to meet the essential learner outcomes of a course. This process must begin at least one quarter prior to the start of the class.

To Be Completed by Student

Name_____ Phone _____

Address_____ State_____ Zip_____

Grade _____ Counselor_____

I am requesting permission to test out of the following course:

_____

I request this assessment be completed by what term? _____

I believe I am prepared to successfully complete the assessment process for this course because:

Student Signature _____ Date _____

To Be Completed by Parent / Guardian

I have reviewed the student guidelines and this application and grant permission to proceed with the assessment process for the course listed above.

Parent / Guardian Signature _____

Southland High School

Testing Out Assessment Procedures and Results

Student _____ Grade_____

Course: _____

Assessing Teacher(s) _____

Application

Date Application Received _____

Date Committee Received Application _____

Date Application Approved _____ Disapproved _____

Reason for Disapproval:

Assessment

Date teacher(s) received approval application _____

Date(s) student took assessment _____

Date student Passed _____ Failed Assessment _____

Teacher comments on passing or failing:

Credit

Semester Course:	Earned Credit	_____
Full Year Course:	Earned First Semester Credit	_____
	Earned Second Semester Credit	_____

Date Student informed of results _____

Date recorded on transcript _____ by _____

Copies to: (please checkmark all)

Student	_____
Student Files	_____
Counselor	_____
Assessment Committee	_____

IX. ON-LINE LEARNING OPTION

[Note: The provisions of this policy substantially reflect the statutory requirements of Minn. Stat. § 124D.095 (2003), the On-Line Learning Option Act.]

I. PURPOSE

The purpose of this policy is to recognize and govern on-line learning options of students enrolled in the school district for purposes of compulsory attendance.

X. WITHDRAWALS AND PREREQUISITES

Withdrawals from Subjects

You will not be permitted to drop a course after five (5) class days into a new semester. All add/drop changes to your schedule will require you to fill out the Add/Drop Form and obtain all required signatures before any changes will be made.

Prerequisites

A “prerequisite” is a subject, which is required before you can take certain other subjects. Please study carefully the descriptions in this booklet to learn whether or not subjects have prerequisites.

XI. Minnesota High School Graduation Requirements

Students must meet state and local high school graduation requirements

In order to graduate from a Minnesota public high school, a student must meet the state's course credit requirements and any additional local course credit requirements established by the school district. State graduation requirements are outlined in Minnesota Statutes, chapter 120B, and Minnesota Rules, chapter 3501. Students also must take standards-based tests in reading and math.

Minnesota requires students to complete 21.5 required and elective course credits

- State course credit requirements for graduating from high school require students to complete the following 21.5 course credits:
  •four language arts credits
  •three math credits in algebra, geometry and statistics, and probability; students in the class of 2015 and later also must complete an algebra II credit (or its equivalent) as part of this three-credit requirement
  •three science credits that include one biology credit and one physics or chemistry credit as part of the three-credit science requirement
  •three-and-a-half social studies credits in U.S. history, geography, world history, economics, and government and citizenship that includes civics, or three social studies credits in U.S. history, geography, world history, government and citizenship that includes civics, and half a credit in economics taught in the social studies, business, or agriculture education department of a high school; civics instruction must include test questions given to applicants seeking to become naturalized U.S. citizens
  •one art credit
  •seven elective credits

  Students may use: an agriculture science course to meet a general science credit other than the science credit in biology; a career and technical education credit to meet a science, math, or arts credit; a computer science credit to meet a math credit; and a Project Lead the Way credit to meet a science or math credit.
  Students also must have physical education based on the most recent K-12 standards developed by the National Association of Sport and Physical Education, which MDE may modify and adapt to accommodate state interests.
  A course credit signifies that a student successfully completed an academic year of study in a particular subject area or the district otherwise determined that the student mastered the subject area.

State graduation requirements apply to ELL students and children with disabilities

Students with limited English proficiency, or English language learners (ELL), must meet the same graduation requirements as all other students. English learners must take the Access for ELLs so districts can measure their progress toward meeting Minnesota standards for English language development. Children with disabilities must be given accommodations that are appropriate to their strengths and needs, and that permit equal access to and work toward grade-level content standard

Students also must complete local graduation requirements

- Districts must establish local health standards. Districts also must establish standards in career and technical education and world languages, and must offer

elective courses in these two subject areas. Districts may impose additional local graduation requirements.

Students must take annual summative tests under federal and state law

- **Minnesota Comprehensive Assessments (MCAs):** Public school students in grades 3 through 8 must take annual statewide MCAs in reading and math; students in grade 10 take the reading MCA and students in grade 11 take the math MCA; students in grade 9 must take a statewide writing test when it becomes available.
- **College entrance exams:** To the extent state funding is available, districts must pay the cost, one time, for students in grade 11 or 12 to take a nationally normed college entrance exam at the student's high school during the school day.
- **Graduation assessments:** Students are not required to achieve a specified score or level of proficiency on any statewide assessment in order to graduate from high school.
- ***Students must answer questions from the U.S. naturalization test***
  Students enrolled in grade 9 in the 2017-2018 school year and later must take a civics test, correctly answering 30 of 50 questions from the U.S. naturalization test. A district cannot prevent a student from graduating or deny a student diploma who does not correctly answer 30 civics test questions.
- ***Students are subject to career and college readiness expectations***
  Districts and schools annually must help students, beginning no later than grade 9, and their families prepare for postsecondary education and a career and must help these students and their parents develop an individualized plan for postsecondary education or a career. Underlying the planning process are career and college-ready benchmarks that inform students and their parents and teachers about what knowledge and skills the students must learn and how well the students must perform to have a reasonable chance to succeed in a career or college without need for postsecondary remediation.
  The education commissioner, in consultation with the chancellor of the Minnesota State Colleges and Universities (MnSCU), must establish benchmarks on the high school reading and math tests to show progress toward career and college readiness. Students who receive a college-ready ACT or SAT score or meet a career and college-ready MCA benchmark are not required to take a remedial noncredit course at a MnSCU institution in the corresponding subject area.

Students with significant cognitive disabilities can take the MTAS

- Students with IEPs and significant cognitive disabilities can take the Minnesota Test of Academic Skills (MTAS) instead of the MCA reading and math tests. The MTAS is an alternative assessment in reading, math, and science that is based on alternative achievement standards and measures the extent to which students are making progress in the general curriculum.

The MCA II high school science test is not a graduation requirement

- Although federal law requires states to administer a science test to high school students, students do not need to pass the high school science test to graduate. Under state law, students are not required to receive a passing score on high school science assessments as a condition of receiving a diploma.

REQUIREMENTS FOR THE CLASS OF 2025

To be classified as a senior, you must have earned a minimum of 22.5 cumulative credits in grades 9, 10, 11.

Required Courses in Grade 12

Language Arts 12	1 credit
U.S. Government	½ credit
Economics	½ credit
Senior Project	½ credit

Note: Students may fulfill senior English elective, U.S. Government, and Economics requirements during their junior year.

Note: The previous required courses in grades 9, 10, & 11 that are not earned at the entrance of the student's senior year must be completed prior to graduation.

Elective Courses (Must choose 5.5-6.5 credits)

Please see the "Pre-Registration Grade 12" form

Note: Additional math & science courses are strongly encouraged.

Students will be required to complete 30 credits to receive their Southland High School diploma.

REQUIREMENTS FOR THE CLASS OF 2026

Required Courses in Grade 11

Language Arts 11	1 credit
World History	1 credit
Math	1 credit
Science	1 credit

(Beginning with the class of 2015 students must complete Chemistry or Physics or an approved equivalent course.)

Elective Courses (Must choose 5.5-6.5 credits)

Please see the "Pre-Registration Grade 11" form

Note: Additional math & science courses are strongly encouraged.

Students will be required to complete 30 credits to receive their Southland High School diploma.

REQUIREMENTS FOR THE CLASS 0F 2027

Required Courses in Grade 10

Language Arts 10	1 credit
Mathematics	1 credit
Biology	1 credit
World Geography	1 credit
Physical Education Elective	½ credit
Personal/Community Health	½ credit

Elective Courses (Must choose 2.5 to 3.5 credits)

Please see the "Pre-Registration Grade 10" form

Students will be required to complete 30 credits to receive their Southland High School diploma.

REQUIREMENTS FOR THE CLASS OF 2028

Required Courses in Grade 9

Language Arts 9	1 credit
World Geography	1 credit
Physical Science	1 credit
Physical Education	1 credit
Algebra I	1 credit
or Geometry	

Elective Courses (Must choose 2.5-3.5 credits)

Introduction to Agriculture I & II	1 credit
Ag Woods I	½ credit
Beginning Welding	½ credit
Senior High Band	1 credit
Choir	1 credit

Your present 8th grade Mathematics Instructor, along with the results on your math aptitude exam, will recommend whether you should register for, Intermediate Algebra or Geometry.

Students will be required to complete 30 credits to receive their Southland High School diploma

DEPARTMENTS
&
COURSE
DESCRIPTIONS

AGRICULTURE

AGRICULTURE

Animal Science/Critter Care **Grade 10, 11, 12**
Semester

This course will take an in-depth look at common large animal species and also common domesticated small animal species. Each species of animal will be studied for breed types, care, management, diseases and possibly training. Students can expect to grow several different types of animals and care for them on a daily basis. The large animal species are: Swine, Dairy, Horses, Sheep and Beef. Small animal species to be studied are: Rabbits, Cats, Dogs, Fish and Poultry. Other units such as career exploration, ration balancing and digestive systems can also be expected.

Note: Animal Science may apply .5 credits toward the 1.0 credit hour electives that are necessary in science for graduation or .5 toward the chemistry requirement for the class of 2015 and beyond.

Introduction to Agriculture I **Grade 9, 10**
Fall Semester

This introductory course will focus on the following areas: 1) leadership skills,
2) electrical wiring, 3) welding, 4) wildlife management, and 5) Crop management and agribusiness. Students are encouraged to take part in FFA activities and should expect many hands-on experiences**.**

Introduction to Agriculture II **Grade 9, 10**
Spring Semester

This course will begin where the fall semester ended. The following will be the focus of the spring semester: 1) livestock production, 2) livestock production, 3) sales and marketing, 4) wood construction, and 5) crop/greenhouse production. Students can expect several hands-on projects and fieldtrips. The first semester is recommended, but not required for this class.

Advanced Ag IV Mechanics **Grade 11, 12**
Pre-requisite- Woods 1 and Welding 1
Semester
Max- 12 per section

This course is designed just for experienced juniors and seniors. Students will begin the class learning some basic surveying, cement, plumbing,welding and work related skills and then move into a project based setting. Students will have the opportunity to construct projects in either woods or metals using any equipment they have been trained on. In January students will have units on Farm management to finish the semester. This is a sunset class and will enhance already learned skills learned in earlier classes.

Ag Woods I **Grade 9, 10, 11, 12**
Semester

This course is designed to give students basic skills in architectural and mechanical drafting. Students will perform board drafts and computer drafting. Student will also learn basic wood safety, and rough wood construction basics for the first quarter. Second quarter the students will learn basic cabinet making skills and make a wood project with skills learned in class.

Ag Woods II **Grade 11, 12**
Spring or Fall Semester

Prerequisite: AG WOODS I
16 per section
In this class students will create projects with the computerized router. They will also hone their skills on equipment such as the wood lathe. All students will have to build a high quality wood project of their own choice. The whole class will be hands on activities.

Vocational Economics **Grade 10,11,12**
Fall or Spring Semester

This course can be used as an alternative economics credit for graduation and will focus around business and individual finances. This course is a must for students looking to start their own business or even someone wanting to learn more about financial terms, theories and practices. The best class you can take if you are interested in money and how to make it**!**

Note: Vocational Economics may be applied toward the .5 credit in Economics required for graduation.

Beginning or Advanced Welding

Grade 10, 11, 12
Fall Semester

This course is designed to develop basic skills in operation of the Gas, Arc and Mig welders. The student will have the opportunity to learn techniques necessary to make basic welds, and fabrication of metal projects. Advanced students will have separate weld requirements but will also work with the plasma cam and benders to create projects. All students will make a metal project of their choice in the 2nd quarter**.** Advanced Welding students must have a prerequisite of Beginning Welding and must be 11th or 12th grade.

Horticulture/Landscaping

Grade 10, 11, 12
Spring Semester

This course is designed for students interested in learning about growing plants and the uses of plants. Students will engage in several different propagation methods, plant identification, greenhouse management and landscaping techniques. Horticulture related careers will also be looked at in depth such as floral design and turf management. Much time will be spent working in the school's greenhouse growing annual and perennial plants for sale in May. In the Landscaping part of the class students will be taught the basics of landscape design and installation. Students will spend much of the fall installing retaining walls, paver walks, and turf. The basics of drafting, cost estimating, and plant selection will be covered.

Note: Horticulture may apply .5 credits toward the 1.0 credit hour electives that are necessary in science for graduation or .5 toward the chemistry requirement for the class of 2015 and beyond.

Design and Fabrication

Grade 11, 12
One Semester
14 max per class

This a new course based around the use of Auto cad computerized drafting, computer generated wood manufacturing and the designing and fabricating sheet metal projects with the use of a plasma cam. Students will draft and program computer software to that will run either a wood router or plasma cam. Students will also learn basic metal lathe and milling machine operations.

Note: Computer Design and Fabrication may apply .5 toward the physics requirement for the class of 2015 and beyond.

Small engines **Grade 10, 11, 12**
One semester

Students will learn basic gasoline and diesel engine theory. Students will then disassemble, overhaul and assembly a school provided engine. Students then will have the opportunity to bring and work on their own small gas engine. Finally Student will learn the basics of electrical motors and their care**.**

Floral Design **Grade 10, 11, 12**
One semester

This course will be designed to meet the art credit for graduation. Students will learn the elements of floral design in theory and in hands on applications. Students will learn the basics of boutonniere and corsage construction, flower care, numerous floral designs. Students will work with artificial, dry, and fresh floral materials. Students will have to plan out all floral needs for a wedding and formal event while creating a budget to meet the needs of a client.

Note: Floral Design may apply .5 toward the art requirement for the class of 2015 and beyond.

Food Science I **Grade 10, 11, 12**
One semester

Food Science I is a course that looks into the chemistry of food science and its processes. Units 1-12 will be covered in the Food Science text. The course will look into Food labels, food nutrition, starches, Lipids and food complexes. Labs can be expected where food is prepared and experiments test theories of food chemistry are done.

Note: Food Science may apply .5 toward the chemistry requirement for the class of 2015 and beyond.

Food Science II **Grade 10, 11, 12**
One semester

Food Science II is a course that looks into the chemistry of food science and its processes. The course will pick up where Food Science 1 left off at and will cover unit 13 -24. Students will look into preservation, food solutions, product development, food complexes and components. Food Labs can be expected where food is prepared and experiments test theories of food chemistry.

Note: Food Science II may apply .5 toward the chemistry requirement for the class of 2015 and beyond.

HOME IMPROVEMENT/REPAIR **Grade 10, 11, 12**
One Semester

This course is a semester course that will focus around basic home improvement skills and techniques. In this course students will learn the following skills: drywall hanging, taping, texturing, light fixture installation, floor and bathroom tile installation, toilet and sink installation, laminate floor installation, window and door trim installation and cost estimation. Many hands on activities are scheduled for students to be actively involved with.

BUSINESS MANAGEMENT

Accounting 1&2 **Grades 10, 11 or 12**
(ITV) **Full Year**

This course is an introduction to the accounting cycle, focusing on the routine recording of data in journals and ledgers, financial statements and their use in decision-making. We will discuss concepts and principles used in recording assets, liabilities, equity, revenues and expenses, and internal controls.

HEALTH & PHYSICAL EDUCATION

Personal/Community Health **Grade 9, 10, 11, 12**
Fall/Spring Semester
Required

This class will focus on healthy living. Items of discussion will include: Emotional and Mental Health, Improving Health Behaviors, Abstinence and Sexual Health, Violence and Injury Prevention, and Nutrition and Physical Activity. Students will explore what they can do to improve or maintain their quality of life and how their health affects those around them.

***Students must choose 3 of the following between grades 9-11 for a total of 1.5 credits:**

Team Sports **Grades 9, 10, 11, 12**
One Semester

This is the ideal class for students who enjoy using teamwork to accomplish a common goal. Subjects will include: Flag football, Volleyball, Basketball, Floor Hockey, Team Hand Ball, Soccer, La Crosse, and Slow-pitch softball.

Lifetime Sports **Grades 9, 10, 11, 12**
One Semester

This course is designed to those who enjoy sports they can play WITHOUT the need of a team. Sports that you can do throughout the rest of your life include badmitton, pickle ball, golf, running/jogging, bicycling, archery, bowling, sepak takraw, skating and skiing

Concepts of Fitness **Grades 9, 10, 11, 12**
One Semester

Develop a broad understanding of the health related components of fitness both in the classroom and in an active setting. Explore concepts of cardio respiratory endurance, muscular strength and endurance, flexibility, and body composition

through logic, followed by putting them to practice individually. This class will set you on a path to fitness and wellness by adhering to a healthy lifestyle.

Sports Officiating **Grades 10, 11, 12**
One Semester

Even the best athletes can't play forever. Officiating offers a great alternative to stay a part of the game while putting some money in your pocket. Students will be introduced to game play rules, positioning and fundamentals for officiating sports such as basketball, football, volleyball, and softball/baseball

Structural Kinesiology And Biomechanics **Grades 10, 11, 12**
One Semester

This class will explore the study of human movement in the context of exercise. It will include basic anatomy, biomechanics, and spatial analysis. This is an excellent introductory class for those looking to pursue further education in human performance or the medical field.

Weight Training I **Grades 10, 11, 12**
One Semester

Prerequisite: Passing grade in Concepts of Fitness or instructor approval

Want to get stronger? Faster? Lose body fat? Gain muscle? This course will get you on track to any or all of your fitness goals. The weight room will be heavily utilized as will the Wellik Center. Students will construct their own fitness plan and use it to accomplish their individual goals.

Care & Prevention of Athletic Injuries **Grades 11, 12**
One Semester

Ever wonder what it's like to be an Athletic Trainer? This course will include introduction to the prevention, evaluation and treatment of athletic related injuries, emergency procedures, prevention and treatment methods for musculoskeletal injuries, environmental illness and nutritional problems.

Concepts of Strength and Conditioning **Grades 11, 12**
One Semester

This course will prepare students to apply scientifically sound principles to strength and conditioning programs as fitness field professionals. All health and skill related components of fitness will be assessed and applied to different training methods. Students will learn appropriate exercise program design, safe exercise

technique, and assessment for client strength and conditioning improvement. Content covered will help prepare students for personal trainer certification through one of the national credentialing associations.

Note: Students may have the option of earning college credit for this course—see principal or instructor for more information.

Unified Physical Education **Grades 10, 11, 12**
One Semester

This course is designed for students who are eager to work with and share their knowledge with other students. This class is designed to have each student gain an appreciation and understanding of each other's abilities in a physical activity setting. This understanding will promote class participation, team building, tolerance of diversity, and sportsmanship.

Language Arts

Composition 9/10 **Grade 9 or 10**
Full Year
Required

A.) This course is for the entire year, and will begin with an emphasis on grammar: the parts of speech, the parts of a sentence, usage, and pronunciation. This course includes many writing assignments. Students will compose informative, argumentative, and narrative pieces, with the understanding that writing is a process. Students will also practice media literacy and research writing, with a focus on citing textual evidence. Students will apply the grammar skills they reviewed at the beginning of the year to polish their writing. Readings will include variety of nonfiction texts, including essays, articles, and speeches. Students will read fiction texts as well, including a collection of short stories and the novel *Speak*. Students will also have an opportunity to read a number of free reading books, and they will work to build their vocabulary skills. Course work will also include opportunities to apply listening, and speaking skills, as multiple speeches are also incorporated in this course. *(Pearson Common Core Grade 9)*

OR

B.) In this course students will be given opportunities to practice close reading strategies with a variety of challenging fiction and nonfiction texts. Texts from a variety of cultures and

time periods will be included. Readings will include essays, poetry, short stories, and the novel *Fahrenheit 451*. Students will continue to develop their ability to write informative, argumentative, and narrative pieces, with the understanding that writing is a process, and a focus on citing textual evidence. Course work will also include opportunities to apply listening, speaking, and media literacy skills, continued training in the conventions of standard English grammar, usage and mechanics, and vocabulary growth. *(Pearson Common Core Grade 10)*

The content in Composition 9/10 will rotate on an every-other year basis.

Language Arts 11/12 **Grade 11 and 12**
Full Year
Required

This course is designed to reinforce reading comprehension strategies and critical thinking skills. The curriculum focuses on the study of American Literature, including classics such as *The Great Gatsby*, *Fahrenheit 451*, and *A Raisin in the Sun,* as well as short stories, poetry, essays, memoirs, and primary source documents such as letters and speeches. Students will be responsible for completing several formal written essays, including narrative, informative, and argumentative pieces. They will continue to practice the various phases of the writing process, with an emphasis on revision for organization, logical reasoning, citing textual evidence and research from outside sources, and editing for the rules of English grammar, usage, and mechanics. There will be several opportunities for speaking and listening, both in individual and group situations.

OR

This course is designed to further reinforce and sharpen usage, vocabulary, writing, reading comprehension, and critical thinking skills. Students read an overview of British literature from the Medieval period to the Modern era, integrating writing, research, and speaking throughout. Reading selections include *A Tale of Two Cities*, by Charles Dickens, Shakespeare's *Hamlet*, plus a variety of poems, and short stories. Selected non-fiction is also included throughout the year. Informative, argumentative, and narrative writing assignments continue to emphasize the writing process and conventions of English grammar, usage, and mechanics.

The content in Language Arts 11/12 will rotate on an every-other year basis.

MATHEMATICS

Algebra **Grades 8**
Full Year
Prerequisite: 7th Grade Math and Teacher Recommendation **Required**

Algebra provides the mathematical background, skills, and thinking processes necessary for the successful completion of Intemediate Algebra or Algebra II. Topics include: (1) operations with real numbers, (2) linear equations and inequalities, (3) relations and functions, (4) polynomials, (5) algebraic fractions, and (6) nonlinear equations.
The instructional program of this course addresses both the understanding and use of concepts in appropriate problem-solving situations.

Intermediate Algebra **Grades 9 or 10**
Full Year
Required

Intermediate Algebra provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses. In particular, the instructional program in this course provides for the use of algebraic skills in a wide range of problem-solving situations. The concept of function is emphasized throughout the course. Topics include: (1) operations with real numbers, (2) linear equations and inequalities, (3) relations and functions, (4) polynomials, (5) algebraic fractions, and (6) nonlinear equations.

Geometry **Grades 9, 10, 11 or 12**
Full Year

Prerequisite – Algebra or Intermediate Algebra
Required

Geometry students examine the properties of two- and three-dimensional objects. Proof and logic, as well as investigative strategies in drawing conclusions, are stressed. Properties and relationships of geometric objects include the study of: (1) points, lines, angles and planes; (2) polygons, with a special focus on quadrilaterals, triangles, right triangles; (3) circles; and (4) polyhedral and other solids.

Algebra II **Grades 10, 11 or 12**
Full Year

Prerequisite – Algebra or Intermediate Algebra , Geometry or Consent of Instructor
Required

Algebra II is a course that extends the content of Algebra I and provides further development of the concept of a function. Topics include: (1) relations, functions, equations and inequalities; (2) complex numbers (3) conic sections; (4) polynomials; (5) algebraic fractions; (6) logarithmic and exponential functions; (7) sequences.

Pre-Calculus **Grades 11 or 12**
Full Year

Prerequisite – Algebra or Intermediate Algebra, Geometry, Algebra II, Permission of Instructor

Pre-Calculus blends the concepts and skills that must be mastered before enrollment in a college-level calculus course. The course includes the study of (1) relations and functions, (2) exponential and logarithmic functions, (3) trigonometry in triangles, (4) trigonometric functions, (5) trigonometric identities and equations, (6) polar coordinates and complex numbers, (7) sequences and series and (8) data analysis.

College Algebra **Grades 11 or 12**
Semester 1

Prerequisite – Algebra or Intermediate Algebra, Geometry, Algebra II, Accepted Accuplacer scrore

This course covers the basics of college level algebra emphasizing understanding of the basic principles through investigation. The topics covered range from a basic algebra review to exploration of linear, quadratic, exponential, and logarithmic functions along with a study of rational expressions, inverse relations, function operations, complex numbers, and systems of equations.

Note: Students may have the option of earning college credit for this course—see counselor or instructor for more information.

Trigonometry **Grades 11 or 12**
Semester 2

Prerequisite – Algebra or Intermediate Algebra, Geometry, Algebra II, College Algebra or Pre-calculus Semester 1, Accepted Accuplacer scrore

This course builds on the computational, problem solving, and graphing skills learned in previous math courses. The topics covered in this course include trigonometric ratios, functions, graphs, identities, equations, inverse trigonometric functions, solution of the general triangle and other applications, conic sections, polar coordinates, and complex numbers.

Note: Students may have the option of earning college credit for this course—see counselor or instructor for more information.

AP Calculus **Grade 12**
Full Year

Prerequisite – Algebra , Geometry, Algebra II, and Pre-Calculus, or both College Algebra and Trigonometry, Permission of Instructor

Calculus is a challenging course that will prepare students for college level mathematics. Students are able to take the AP test in May and could receive college credit for the course. Topics include: (1) functions, graphs, and limits, (2) derivatives, (3) integrals, and (4) applications of limits, derivatives and integrals.

Required materials: graphing calculator (TI -83 plus or above

Advanced Mathematics **Grades 11 or 12**
Full Year

Prerequisite – Algebra I, Geometry, Algebra II

Advanced Mathematics is a course designed for students who do not plan to attend college to study the field of mathematics or major in fields requiring knowledge of upper level mathematics. Advanced Mathematics focuses on many of the topics previously taught in Algebra 1, Geometry, and Algebra 2. Advanced Mathematics will require students to solve both routine, straightforward problems and non-routine problems. The topics in Advanced Mathematics include: solving algebraic equations and inequalities, probability, data analysis and statistics, financial mathematics, geometry, logic, and properties of numbers. Students taking Advanced Mathematics will have the opportunity to take the CLEP test and could receive credit towards a college mathematics course.

Statistics **Grades 11 or 12**
Full Year

Prerequisite – Algebra I, Geometry, Algebra II

Statistical techniques are being used with increasing frequency in business, medicine agriculture, social sciences, and natural sciences. Because of the widespread use of statistical methods a familiarity with probability and statistics is vital in today's society. The Probability and Statistics course will provide a basic introduction to collecting, presenting and analyzing data. Students will design and

conduct experiments, create games of chance and learn how to draw conclusions about a wider universe.

MUSIC

Senior High Band **Grades 9, 10, 11, 12**
Full Year

This organization provides an opportunity for students to participate in a rich, fulfilling musical experience. Band class meets daily and each student receives a weekly lesson outside of class time. Music students are also encouraged to participate in honor band festivals and solo and ensemble contest. The band presents seasonal concerts, a performance for critique at the sub-section large group contest, and performs at several athletic events throughout the academic year. Participation in senior high school band for one year fulfills the Minnesota Academic Standard for Artistic Creation and Performance.

Note: 11th and/or 12th grade students may have the option of earning college credit for this course—see dean of students or instructor for more information.

Senior High School Concert Chorus **Grades 9, 10, 11, 12**
Full Year

This organization provides an opportunity for students to experience mixed group singing. The students will develop skills in music fundamentals and participate in concerts, contests, festivals, and clinics. Chorus rehearses daily with public performances throughout the year. Each student will receive a regularly scheduled lesson each week. Music from various musical periods and styles is studied in this class. Participation in concert choir for one school year fulfills the Minnesota Academic Standard for Artistic Creation and Performance.

Music Appreciation **Grades 9,10,11,12**
One Semester

This class will explore all styles and genres of music. Students will have a chance to learn about music through the times, including the music of today. Students will learn about composers, musicians, styles of music, and how to compose music themselves. This is a great way to explore music without performing.

Music Theory **Grades 9,10,11,12**
One Semester

Music Theory is a course for students who wish to gain a better understanding of music and how music works. it is an introduction to music theory through the learning of scale patterns, chords, melody, harmony, ear training, composition, an dmuch more. This class will incorporate music examples from various periods in history as well as music in today's society. Students will have several opportunities to engage themselves creatively throughout the semesterd through composition, group performance, etc.
This course is a performance based course. Students will rehearse and perform on percussion instruments using proper technique. Students will be taught music reading skills, musicality, music terminoogy, music history, and music theory. Students will be required to prepare short solos on various percussion instruments and perform with the large group ensemble. No prior experience required, outside of class performances are required.

Music For the Contemporary Listener **Grades 9,10,11,12**
One Semester

This class will explore all styles and genres of music. Students will have a chance to learn about music through the times, including the music of today. Students will learn about composers, musicians, styles of music, and how music developed according to political, economic and technological influences. Students will learn to be life-long consumers (listeners) of music and develop criteria for their listening choices.

Composition and Mechanics of Music **Grades 9,10,11,12**
One Semester

This class is a course for students who wish to gain a better understanding of music and how it works. Students will have opportunities to compose music in several genres with an introduction to music theory by learning scale patterns, chords, melody, harmony, form, musical styles, terminology and ear training. Using technology and classroom instruments, students will explore, create and produce original recordings. Students of any musical background will gain a deeper understanding of musical mechanics and will also apply those theories with hands-on creative experience.

PHYSICAL AND LIFE SCIENCE

Physical Science with Earth Science **Grade 9**
Full Year
Required

This is an introductory course, which presents basic concepts in Physics and Chemistry**, while integrating those topics into Earth Science applications.** The

basic concepts students should be able to understand are: **Engineering and Technology applications in the following areas** - Properties of matter and energy, physical and chemical change, transfer of energy, atomic theory, forces, motion, electricity, and magnetism.
Materials needed: Notebook, pencil, ruler, protractor, and calculator.

Biology

Grade 10
Full Year
Required

Upon the successful completion of the course a student shall be able to demonstrate understanding of biological concepts, theories and principles. Including cell theory, mechanisms of heredity, biological change over time, interdependence of organisms, energy flow, material cycles in living systems, behavior of organisms, historical advances through investigations, and anatomy and physiology of organisms.

Chemistry

Grades 11 or 12
Full Year

Prerequisite – Biology, Physical Science, & completed Algebra II (B or above) or consent of Instructor

This is a college prep course. Upon successful completion of the course, the student shall demonstrate an understanding of scientific concepts, theories, and basic principles in chemistry. Topics shall include: atomic theory, properties of matter, organic and inorganic matter, the periodic table, solutions, reactions, stoichiometry, gas laws, matter and energy, and the historical significance of scientific advances.

Materials needed: scientific calculator

Physics

Grade 12
Full Year

Prerequisite – Competed Pre-Calculus (B or above) or Consent of Instructor

This is a college prep course. Physics is a course concerned with describing the many ways in which nature behaves. Areas of study include mechanics motion, heat, light, sound, electricity, and magnetism. Through problem solving, dimensional analysis, experimentation, and scientific writing an understanding of physical nature is attained and demonstrated.

Note: Students may have the option of earning college credit for this course—see counselor or instructor for more information.

Freshwater Ecology

Grades 11 or 12
Fall Semester

Prerequisite – Biology

The first half of this course will examine the relationships between living and non-living things in lakes, ponds, and streams. Students will learn about abiotic and biotic factors that affect water quality. Topics include influencers of water quality, such as pollution, eutrophication, invertebrates, other organisms and decomposers. The second half of this course will focus on conservation and promoting environmental health. Subject matter includes pollution, loss of biodiversity, conservation practices and careers, and birds as biological indicators.

Microbiology **Grades 11 or 12**
One Semester

Prerequisite – Biology

Upon completion of this course students will be able to understand microbes and how they affect other organisms either positively or negatively. Students will learn about bacteria, viruses, fungi, and infectious prions. Students will be able to understand the anatomy and physiology of bacteria and viruses. Topics examined include benefits of microbes, challenges of microbial resistance, disease and illness transmission, and how scientists are trying to combat microbial challenges. Students will complete labs in this course including: growing bacteria, classifying bacteria by shape, and performing staining labs to determine if bacteria is gram positive or negative.

Introduction To Anatomy & Physiology **Grades 11 or 12**
One Semester

Prerequisite – Biology

This is a college prep course. Upon successful completion of the course, the student will be able to demonstrate an understanding of structure and function of the human body's organ systems. Including medical terminology, body division, cellular organization, integumentary system (skin), muscular system, skeletal system, digestive system, respiratory system, cardiovascular system, nervous system, and disease prevention/wellness.

Forensic Science **Grades 11 or 12**
One Semester

Prerequisite: Physical Science 9 and Biology 10

This is a college prep course. Upon successful completion of forensic science students will have a basic understanding of forensic science and how it is used in criminal cases by using published works and case examples. Students will be introduced to aspects of search and seizure, crime scene investigation, collecting evidence, and writing crime scene reports.

Medical Terminology/Health Careers **Grades 11 or 12**
One Semester

Prerequesite: Biology

Upon completion of this course students should be able to interpret and understand the medical language. Common medical prefixes, suffixes, root, and procedural words are learned and practiced. Both indirect and direct patient path careers are introduced to students interested in the field of medicine. Students will learn terminology and basic anatomy and physiology of the following systems: integumentary, skeletal, muscular, digestive, cardiovascular, lymph, respiratory, urinary, endocrine, and nervous systems.

SOCIAL STUDIES

American History **Grade 9**
Full Year

This course is an in depth study of the history of the United States of America. We will begin with a review of the importance of how our government was formed and how our political and election processes work. This will be followed up with an in depth look at the development of our country through areas of geographic, economic, political and social growth from 1877 to the present. We will always be comparing the past to our present to understand how we got to where we are today.

World Geography **Grade 10**
Full Year

This course provides an understanding in the basic areas of World Geography with an emphasis on the 5 themes of geography. These five themes—Location, Place, Human-Environment Interaction, Movement, and Region, provide a useful framework for learning geography. Students are to make connections between physical and human geography. Students will use geography to deepen and enrich their understanding of the world we live in.

World History **Grade 11**
Full Year

This course provides an understanding in the area of World History. Students will gain a general knowledge of the world from beginnings of man to the 1600's. Emphasis will be placed upon the "great" civilizations of ancient times, and making connections from those civilizations to the United States today.

Economics **Grades 11 or 12**
One Semester

A study of applied economics. Topics discussed will be supply and demand, marketing, starting a business, money and banking and the Federal Reserve Systems. The above topics may use a student company and a management and economic simulation exercise to assume a practical experience. The student company uses a Student Business to teach theories of business. Each class chooses a product to buy and sell as a business to gain an experience as a business and also experience a profit or loss. The management and economic simulation exercise is a competition between business teams in which they create a business competing against other businesses as in the real world.

U.S. Government **Grades 11 or 12**
One Semester

Study of our heritage of American Government topics deal with the founding fathers, structure and principles of American Government. Also, discussion of the following: electoral process, elections and public opinion. The last part of the semester covers the President and his executive powers and Presidential Leadership. Also interpreting the Federal Law and our American Court System.

Personal Economics **Grades 11 or 12**
One Semester

This course is designed to help students prepare for the financial decisions that they will face during and after high school. This course will deal with obtaining a job/career, purchasing or renting a place to live, opening up checking and savings accounts, applying for loans, determining wants and needs, the functions of insurance, taxes, investing and much more. Sound financial decisions will help make their lives easier by making more informed decisions earlier in life.

Social Issues in America **Grades 10, 11 or 12**
One Semester

This class will offer in-depth discussions about different issues in American History. Examples of the issues covered would or could be: Women's Rights, Slavery, Religion, Politics, the 60's, Racism, Illegal Immigration, the Constitution, etc. In short, any issue that has been very controversial in nature that has produced change. The class will rely on student discussion, research and analysis of the issues. Sort of like an open forum. It will be mostly student based, with the students picking the subjects to be discussed.

TECHNOLOGY

Media Arts **Grades 10, 11, 12**
Fall Semester

Media Arts is the study and practice of human communication through photography, film, video, audio, computer/digital arts and interactive media. Students will work with various multimedia tools including PowerPoint, MovieMaker and Photostory. Students who take this project-based course should have an interest in both art and technology and be able to create independently and participate within a group. Different media arts genres will be addressed, including narrative, expressive and documentary. Students may take this course in either a blended learning format (face-to-face and online) or completely online.

Note: The Media Arts course is offered as an arts credit choice.

Digital Photography **Grades 10, 11, 12**
Spring Semester

Digital photography is the art and science of producing and manipulating digital photographs. Students will learn about digital cameras and the different features available. They will learn and demonstrate techniques that can be used to take better pictures, including the rules of composition. Students will use Photoshop Elements to manipulate the digital images. Students should be interested in photography and have access to a digital camera. Students may take this course in either a blended learning format (face-to-face and online) or completely online.

Note: The Digital Photography course is offered as an arts credit choice.

Concurrent and PSEO Offerings

Fall 2024

***ENGL 1101**	**Composition I**	**Credits 3**
***PHED2214**	**Care and Prevention of Injuries**	**Credits 2**
***MATH1110**	**College Algebra**	**Credits 3**
***PHYS1501**	**College Physics I**	**Credits 4**

Spring 2025

***ENGL 1105**	**Composition II**	**Credits 3**
***PHED2270**	**Concepts of Strength and Conditioning**	**Credits 2**
***MATH1120**	**Trigonometry**	**Credits 4**
***MUSC 1125**	**Instrumental Ensemble**	**Credits 1**
***PHYS1502**	**College Physics II**	**Credits 4**

****Courses taught by Southland teachers at Southland High School for college credit and high school credit.***

ITV Courses

The following are offered as ITV/Blended Learning Courses. All course content will be delivered over ITV and online using a learning management system such as Moodle or Schoology. Student skills needed to succeed in an these courses include being motivated, responsible, and an independent learner.

ART

CARTOONING **Grade Level: 9-12**

Prerequisite: None **Credit: .5**

This course will offer students a chance to learn the art of cartooning from early Felix the cat cartoons to Takashi Nakamura and modern day Anime. Students will be able to create their own cartoons by learning the basics and potentially use these to create their own animated short films.

Drawing **Grade Level: 9-12**

Prerequisite: None **Credit: .5**

During this studio you will learn many different ways to draw to achieve many dynamic effects.

BUSINESS MANAGEMENT

PRINCIPLES OF ACCOUNTING I **Grade Level: 10-12**

Prerequisite: None **Credit: .5**

This course introduces basic accounting principles for a business. Topics include the complete accounting cycle with end-of-period statements, bank reconciliation, payroll, and petty cash. Upon completion, students should be able to demonstrate an understanding of accounting principles and apply those skills to a business organization.

PRINCIPALS OF ACCOUNTING II **Grade Level: 10-12**

Prerequisite: Accounting I **Credit: .5**

Accounting II continues to explore the accounting cycle. Examination of special journals, worksheets, and financial statements for a corporation starts the semester. After completion of the accounting cycle, accounting for special procedures including plant assets, depreciation, uncollectible accounts, inventories, and accounting for partnerships will be studied.

WORLD LANGUAGE

SPANISH I **Grade Level: 9-12**

Prerequisite: None **Credit: 1.0**

Spanish I is an introduction to the study of a new language and to the culture of Spanish speaking countries. The objectives of this course involve a commitment to the development of the four skills: speaking, listening, reading and writing Spanish within the limits of beginning vocabulary and grammatical structure. This course

focuses intensively on speaking ability. Activities incorporating the customs, traditions, culture and backgrounds of Spanish speaking peoples are intertwined into each unit.

SPANISH II **Grade Level: 10-12**

Prerequisite: Spanish I **Credit: 1.0**

Spanish II is a continuation of Spanish I. New verb tenses, vocabulary and grammar are introduced and practiced throughout the course. There is a more in-depth study of history, geography, and the customs of the Spanish speaking countries. In addition to the text, Spanish language newspapers, magazines, and news videos are used.

Nursing

Nursing Assistant (CNA) **Grade Level: 11 or 12**
Credit: 3.0 College Credit

This course provides students with the theory, laboratory and clinical experience to meet state and federal criteria for employment as a nursing assistant in a nursing home or other long term care facility. Completion of this course enables the student to take the Nurse Aide Competency Evaluation. After successfully completing the competency evaluation, the student will be placed on the Minnesota Nursing Assistant Registry.

Note: This course is offered at LeRoy-Ostrander High School and is available for Southland Students—see dean of students for more information.

Block Courses

Semester courses offered on Wednesdays for elective credit (.25 credit/semester)

- **Great Outdoors: (9-12)** This class will center around fishing pole construction, wild game habitat, mgt. and hunting, compass and GPS use, canoeing and kayaking and finally fishing techniques.

- **Ag. Welding III: (10-12)** This class will be a project based course for students who want to fabricate a metal project. Welding I is a prerequisite for this course.

- **Book Club: (6-12)** Choose and read books within groups of your peers. Use book group guides, or generate questions, to discuss what you have read. Design and create projects that express your reactions.

- **Focus on Language Arts: (9-12)** Working with alternative texts, revisit fundamental skills and strategies to increase reading comprehension, critical thinking, and writing ability. Potential texts include: graphic novels, song lyrics, etc.; a variety of works based on one theme, such as wilderness survival or the Vietnam war; in-depth study of a particular author.

- **Food Preservation: (9-12)** This class will introduce students to the science and art of preserving food. Students will learn about preservation equipment and various ways to store and keep food. This course will teach students how to can, freeze, and dehydrate food. Students will become experts and will be able to use this life skill outside of the classroom. Students will learn about heat and pressure and how it keeps the food sterile. Kitchen sterilization techniques will be introduced and practiced. Anyone who is interested in learning about the science and art of food preservation should take this course.

- **Environmental Awareness: (9-12)** In the environmental awareness class students learn about energy flow, terrestrial food chains and webs, food pyramids, pollution, threats to biodiversity, ornithology, and the importance of pollinators. In addition, students will learn about ecosystems and climate change. The students will also explore the benefits of outdoor physical activity, wilderness skills, and first aid. (Year Long Class)

- **Middle School Focus on Language Arts: (6-8)** This class will focus on engaging with and practicing the necessary skills to be successful in Language Arts.

- **Elementary Reading Partnership: (6-12)** Students will learn how young children's brains develop (specifically with reading) and then head into preschool and elementary classrooms to work one on one and in small groups with students on a variety of activities.

- **Athletic Mindset, Not Just for Athletes!: (9-12)** How do you reach your maximum potential? The secret is in your mind! Students will learn effective strategies used by some of the most successful people in the world! What do you do when you are under pressure, or facing new situations or adversity? Do you need to build trust and respect for yourself? How do give your best performance EVERY TIME, even when the stakes are high? Find answers to all of these questions and more and unlock what you've been missing!!

- **Beginning Speed and Agility: (6-8)** Middle School students! Want to get a boost to your athletic career? This class will focus on the basic athletic skills that will 100% transfer into every sport you play! Even if you are not an athlete and want to better your physical strength and coordination this class is for you! Students will utilize the gym space as well as the weight room to increase their basic strength, power, agility, and athletic movements.

- **Introduction to Coaching: (9-12)** What is your favorite sport or activity? Have you ever thought about becoming a coach? Coaching is about MORE than simply loving your sport. Practice schedules, game plans, personnel management, media, Jr. High, Varsity, schemes and techniques. Students will spend the semester learning and mastering the basics of a sport of their choice! By the end of the class each student will have a "coaching notebook" that they can continue throughout their future coaching career along with a strong grasp of what coaching is, and is not.

- **Social Aspects of Sport: (9-12)** What type of power does sport have? The Super Bowl is the most watched single-day event in the world (and not just for the game!). The Olympics bring people together from all areas of the globe. Big-time athletes use sports to get out of poverty, and high school seniors (and their parents) shed tears after their last event every season. This class will look at sporting events

that have changed society, changed the world, and how sport changes us (for better or worse).

- **Engineering Applications HS: (9-12)** In this course students will have the opportunity to choose and explore amongst engineering applications regarding manufacturing structures/designs, computer-aided design (On Shape or Autodesk Inventor), Programming (C++/Python), or communicating technical information. This is an open ended class in which the student will be guided as they explore their chosen topic.

- **Engineering Applications MS: (6-8)** In this course students will have the opportunity to choose and explore amongst engineering applications regarding manufacturing structures/designs, computer-aided design (On Shape or Autodesk Inventor), Programming (C++/Python), or communicating technical information. This is an open ended class in which the student will be guided as they explore their chosen topic.

- **American Legal History: (9-12)** American Legal History will be a class that we will look at important court cases in US history. We will research cases and present them in a mock court situation. Students will have to learn about many different cases and be able to explain both sides.

- **Historical Battle Tactics: (9-12)** In this class students will learn about the tactics used on battlefields throughout history, with a special focus on Napoleonic, Civil War, World War I, and World War II tactics. Students will learn through reading primary sources, watching documentary and dramatic movie clips, handling some real artifacts, and by competing against one another in fun and accurate historical board games such as Battle Cry™ and Axis and Allies™.

- **The American Presidents: (9-12)** The Men and the Myths: In this class students will learn about the private lives of the 46 very public men who have held the highest office in the United States. Which president was a life-long bachelor, which president may have conspired with the South before the Civil War, and which president was also a world-class hunter and explorer? All of these interesting facts and more will be explored. The personal lives of these men are often intriguing, but they become even more so when you begin to discover how their private lives affected their public decisions that we are all familiar with.

- **Visualizing Music--Through Art: (6-12)** This course will be exploring the similarities between music and art. We will explore artwork that was inspired by music and learn and apply the elements and principles of design in creative art projects.

- **Stage Lighting/Audio Design: (9-12)** This course is an introduction to the skills and equipment needed to create lighting and sound designs for the stage. Students will learn basic vocabulary, how to create and run the audio and lighting for music concerts and musical theatre productions we have at Southland.

- **Piano/Keyboard: (6-12)** This course is designed for students who wish to develop basic piano playing skills or expand on their existing skills. While playing, students will work individually and in small groups to master the techniques of playing and to learn pieces. There will also be time spent on musical notation and theory.

- **Middle School Music Concepts: (7-8)** Students learn fundamentals of music theory**,** music history, and applied music.

- **Microsoft Office Certification**: (**9-12)** Many employment ads are asking for applicants to have experience with the Microsoft Office programs such as Word, PowerPoint, and Excel. Through this class you would earn a certificate stating that you understand and know how to use these programs, which will give employers more confidence when it comes to hiring you.

- **Child Development**: **(6-12)** Learn about child development from before birth to the teen years. Learn what it takes to operate a child care center or in home day care. Learn about behavior issues and how to work with the children who have them. Visit with parents and other child care workers about what they have had challenges with and how they overcame those challenges. Babysitter Training Certification may be included in this course.

- **Statistics of American Sports: (9-12)** Learn how each of the major American sports calculate statistics and interpret how those statistics affect team success or otherwise. Possible out of class assignments may include watching televised events or taped games to take a score book. With each sport come different rules and statistics that use a variety of mathematical computations and procedures.

- **Focus on Math—High School: (9-12)** Students will have the opportunity to recover math credits that align to Minnesota State Standards.

- **Focus on Math—Middle School: (6-8)** This class will focus on engaging with and practicing the necessary skills to be successful in Math.

- **Community Service: (6-12)** Students will be out in the community every week, working with the citizens in our school district. Activities will include visiting the assisted living and nursing homes in the district, helping senior citizens wash windows, rake lawns, and other household tasks, highway clean-up and fulfilling the needs of our community in every way we can.

- **Science Fair: (6-8)** Science fair class is an opportunity for students to learn and apply the scientific method to conduct independent research on a topic of their individual interest. The results of each student's research will be presented in a science fair at the end of the semester.

- **Science Buddies: (6-12)** Students will help prepare and teach science lessons/ help with science topics in some of the elementary classrooms here at Southland. There will be some class periods where the lessons are created/ prepped and some class periods where students will go into the elementary classrooms to teach their lessons to the students.

- **MN History Book and Film Club: (6-12)** This class will be reading novels and studying films related to the history of the United States with an emphasis on MN history.

- **Percussion Ensemble/Drumline:** Students will learn proper percussion technique for a wide variety of instruments in the percussion section. Students will prepare small and large groups for solo and ensemble contest and prepare for a marching drumline season during the summer. The ability to read music is recommended, but not required.

- **Fundamentals of Anatomy:** In this course students will have the opportunity to learn about all the human body systems. Students will have some projects regarding health challenges in relation to body systems. For the hands-on learning portion of this class students will dissect body systems as we are studying them.

- **American Sports History:** American Sports History will be a class that we will look at American athletes. We will study athletes from different eras not just from the 2000's. Students will have to learn many different athletes throughout American history. Students will be expected to research and present information about the athletes that are discussed in class.

- **Picture Books and Illustrations:** Students will read a variety of picture books, study story elements, design elements, and illustration techniques and write and illustrate your own picture book story.

- **Community Exploration**: Understanding how a community or town functions. Plan to visit the local museum and to visit area businesses to learn about their purpose and what need they provide in our society. Also plan to do a community service project.

- **Elementary Reading Partners:** Students will learn how young children's brains develop (specifically with reading) and then head into preschool and elementary classrooms to work one on one and in small groups with students on a variety of activities.

- **Rock band:** This course is designed for students who want to develop music-making skills and music literacy using primarily rock and pop music. Students will learn about music history, music fundamentals, and how to play instruments. Students will explore form, pulse, melody, harmony, texture, and dynamics through learning basic skills on guitar, electric bass, drums, keyboards and vocals. Students will create small groups to perform a rock band together. This course is for introductory and advanced students, no prerequisites.

- **Ag. Woods III:** This class will be a project-based class where students will build a wood project. Prerequisite of woods 1 required

- **Healthy Living:** In healthy living we will be reviewing the importance of both physical and mental health. Common stressors will be studied, and students will learn different techniques about how to manage stress.

- **Conspiracy Theories:** From the Illuminati to Bigfoot, Area 51, and the Kennedy Assassination, the world is full of conspiracy theories. In this class we will dive into the sometimes spectacular stories behind them and maybe, just maybe, discover whether they have a possibility of truth.

- **Life Skills**: Learning about practical day to day living issues including budgeting, buying groceries to eat well, and making time to get the exercise your body needs to stay healthy. Will also discuss how to take care of your vehicle properly, how to keep records for your taxes and get them in on time. Will also touch on taking care of and purchasing needed clothing for work and everyday living.

- **STEM Survival:** STEM stands for Science, Technology, Engineering and Math. This class will be a hands on, inquiry/project-based class that will expose students to multiple disciplines within the scientific and math fields. The class will have a survival theme where students apply skills from across the scientific spectrum in an applicable and realistic manner. Concepts in Biology/Life Science will be covered through the exploration of human biological needs in nutrition, first aid and injury management, the maintenance of homeostasis and microbiology through pathogens. Concepts in Chemistry will be covered by exploring combustion reactions in the creation and maintenance of fire, the biochemistry of maintaining homeostasis, chemistry of water, and more. Concepts in Physics will be covered through the building of a sturdy shelter (materials used, thermal values, pitch of roof and ability to shed water, etc.), heat conservation of different natural and synthetic polymers, simple machines and frictional forces to help make fire. Concepts in Earth Science will be explored through the use of different materials (flint and steel) to make fire, choosing route of travel based on topography, stability, geographical obstacles and more.

- **Car Care, Maintenance and Auto Body:** This course will look at the basics of car maintenance, purchasing a car, insurance while also looking at basic auto repair techniques.

- **Statistics of American Sports II**: Learn how each of the major American sports calculate statistics and interpret how those statistics affect team success or otherwise. Possible out of class assignments may include watching televised events or taped games to take a score book. With each sport come different rules and statistics that use a variety of mathematical computations and procedures.

- **Veterans Project:** In this class we will be connecting with local veterans, the American heroes who have served our country in the armed forces and who now live, often unrecognized, in our communities. We will listen to and record their stories, and learn about the conflicts they served in.

- **Water Aerobics:** Take the plunge and try this low-impact workout class. Each week we will take a bus over to the LeRoy pool and spend about an hour in the water working to improve joint stability, coordination, heart health, and strength. It's fun and can be as challenging as you like. All you will need is a swimsuit, towel, and a positive attitude!

- **Self-Care and Crafts:** Sometimes it's good to take a break, take a breath, and do some activities to promote self-care in ourselves. In this class we will promote a quiet, calm, and soothing environment and do activities with that in mind. Activities will include; sticker by number, intricate coloring sheets, intricate paint by number, scratch art, bracelet making, mindfulness jars, and more. We will also take time out to discuss self-care topics as well as the why and how it is important.

- **Wars in History:** Wars in history will be about battles or wars over the course of history. We will study about them and then we will watch films or documentaries about them. Examples, Braveheart, WW I, WWII, and Vietnam.

- **Driver Education:** This course will be taught by a certified driver education instructor and satisfies all of the MN state requirements for the necessary classroom instruction part of driver education. The behind the wheel part of driver education instruction will be available outside of school hours through community education.

- **MS/HS Art:** An introductory Art Class that will teach the elements and principles of art. In this course, you will learn about balance, contrast and unity - and why good design matters. Each Wednesday will include hands-on drawing or creating with prompted exercises, and the opportunity to work on your own personal sketches.

- **Weekly News:** Each week we will record, edit, and produce a video news program. Students will develop skills in writing scripts, interviewing subjects, audio and visual recording, and editing on iMovie. Students will be assembled into small news teams in charge of creating and editing their own news story of the week and working together to make a short weekly news broadcast to be shown during Rebels.

- **Detective Stories:** Learn about the detective fiction genre. Read the very first locked room mystery and Sherlock Holmes stories. Watch classic and contemporary detective films and television police procedural dramas.

- **Lifetime Activities—Bowling:** This course is to help students develop or improve the fundamental skills of bowling so that bowling can be utilized now, and later in life, as a recreational activity. We will learn strategies, rules, and etiquette of play. We will also how to keep score and how to calculate averages and handicaps.

- **Songs for Social Change:** Throughout history, people have fought for social change by writing articles, joining movements, participating in protests or marches, and even writing songs! In this class, we will choose songs from throughout history that have called for a change in social injustices of that time. After choosing a song the students will study what was going on during that time, investigate how that songwriter was connected to this issue, interpret the lyrics of the song, and determine if this song did anything to move their cause forward. We will be creating presentations to present to the class about our findings. These topics will be sensitive and potentially controversial but will be studied with a neutral viewpoint. Because of these topics, this class will require a signed permission slip from parents to be enrolled.