

2020-2021

COURSE DESCRIPTION BOOKLET

GRADES 9 – 10 – 11 – 12



VIRGINIA HIGH SCHOOL

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All students in grades 7-12 will be required to enroll in six courses with the option to take only 1 study hall per semester. Not only is this consistent with all other schools in Minnesota, it is required by the Minnesota Department of Education for a student to be considered a full time student. **All students will register for 14 semester sections-2 of which may be study halls [one each semester] plus four additional alternative courses.**

Students are advised that their choices in pre-registration reflect the courses that show up on their schedule. This means that if you register for it now, you are agreeing that you will take the course later if it shows up on your schedule. However, you may not get all of your options and may need to enroll in courses that you do not select based upon your other choices. In all instances, we do the very best we can to honor student registration desires!



As you look throughout the course catalog, look for the “new” icon to easily identify new courses we will offer our students beginning in 2020-2021!

COUNTING CREDITS

Virginia High School operates on a 7 period day, with the school year divided up into 4 quarters, or 2 semesters. Each semester course successfully completed by a student earns 1/2 credit towards the number of credits necessary to graduate. Students must complete both required credits and elective credits to graduate. Details are listed below under the heading “Graduation Requirements”. A student cannot take more than 14 credits in a year unless they are credit deficient. A student must attain a minimum of 6 credit bearing classes each semester. Please note that some college courses are one credit per semester. See the included table.

REGISTRATION INFORMATION

Registering in the spring enables students to have a better chance to get the courses that help them prepare for their future and to ensure that high school graduation requirements are met. All students need to register for 7 classes each semester (14 for a full year) plus an additional two alternative options (4 for a full year).

As you review the courses available and register, keep the following in mind:

- Review your transcript to determine which courses you have received credit for;
- Select courses that will satisfy Virginia High School’s graduation requirements;
- Select courses that will best prepare you for post-high school endeavors;
- Seek advice from people who can assist you
- Read the course descriptions to select courses of interest to you.

DETERMINATION OF COURSE OFFERINGS

A course will be offered only if there is sufficient enrollment. Sufficient enrollment will vary from course to course. This variation is based on the source and amount of funding made available for courses through state and federal programs. This is why it is so important to take the registration process seriously.

SCHEDULE CHANGES

During the registration process, students are informed and encouraged to make careful course selections. These selections are used to build school schedules and establish staffing needs. In order for schedule changes to be honored, a Schedule Change Request form must be completed and returned to the counselor. Requested changes to a student’s schedule will be honored only in certain circumstances. These may include:

- Failing a prerequisite
- Gaps in a student schedule
- Administrative discretion
- Needing to fulfill graduation requirements or engage in academic support

Some reasons schedule change requests may not be honored:

- Changing teachers
- Changing class hours
- Requesting classes with friends
- Dropping required courses
- Convenience
- Dropping below 6 academic courses a semester

Some schedule changes require the signature of a parent/guardian. Students who drop a course after the 5th day may receive a failing grade (F) for each marking period of the course and on-line courses dropped after the 2nd week will receive a failing grade (F). Grading for dropped courses at the college level are specific to each institute.

The opportunity to change a student program will be very limited once school resumes in the fall. If a student must change their course selection, they should do so before the end of the current school year.

PLANNING FOR AFTER HIGH SCHOOL

Students graduating from high school must meet preparation requirements for admission to Minnesota State Universities. In addition to the requirements to graduate from Virginia High School, private colleges and universities in Minnesota and state universities outside of Minnesota have a wide range of admissions requirements. Students are encouraged to inquire about requirements for colleges they are interested in attending. In addition to coursework requirements, many colleges and universities have freshman entrance tests that students must pass in order to register for college level courses. Some post-secondary schools set world language proficiency as a graduation requirement. Some colleges and universities require students to be Calculus-ready in mathematics for admission. The responsibility for obtaining this information rests with each student. The guidance counselor will help in every way possible.

COURSES REQUIRED FOR MILITARY ENLISTMENT

The U.S. military currently holds a high standard for recruitment of enlistees. The vast majority of students who are enlisted into the military hold high school diplomas. The military has a very limited number of jobs available to students who are not high school graduates.

1. Preparation for a military career should include the same coursework as preparation for admission to a Minnesota state university.
2. Students may choose to determine a non-military vocational interest and try to match their vocational interest to a military job. The Armed Forces have many jobs that parallel civilian careers. Military recruiters can provide additional information about the kinds of jobs available to students.

TO ALL STUDENTS:

THE OFFICE RESERVES THE RIGHT TO CHANGE ANY PROGRAM
FOR THE PURPOSE OF BALANCING OUT CLASSES
OR FOR OTHER ADMINISTRATIVE REASONS.

STUDENT ATHLETES PLANNING FOR COLLEGE ATHLETIC OPPORTUNITIES

Student athletes must be sure they take appropriate core classes to meet Division I & II participation requirements and complete a NCAA Clearinghouse form. In many instances, remedial courses will not count as available core classes to meet this requirement. Athletes are encouraged to speak with a counselor to ensure all classes meet guidelines.

See NCAA website: <https://professionals.collegeboard.com/guidance/prepare/athletes/ncaa>.

 NCAA Eligibility Center

ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification Account with the NCAA Eligibility Center at eligibilitycenter.org. If you want to play Division III sports or you aren't sure where you want to compete, start by creating a Profile Page at eligibilitycenter.org.

ACADEMIC REQUIREMENTS

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

CORE COURSES

Visit eligibilitycenter.org/courselist for a full list of your high school's approved core courses.

Complete 16 core courses in the following areas:

VERY IMPORTANT!
The only way for the school to know is if the student tells the counselors!

DIVISION I

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

ENGLISH	NATURAL/ PHYSICAL SCIENCE (including one year of lab science, if offered)	MATH (Algebra I or higher)	SOCIAL SCIENCE	ADDITIONAL (English, math or natural/physical science)	ADDITIONAL (English, math, natural/physical science, social science, foreign language, comparative religion or philosophy)
4 years	2 years	3 years	2 years	1 year	4 years

DIVISION II

ENGLISH	NATURAL/ PHYSICAL SCIENCE (including one year of lab science, if offered)	MATH (Algebra I or higher)	SOCIAL SCIENCE	ADDITIONAL (English, math or natural/physical science)	ADDITIONAL (English, math, natural/physical science, social science, foreign language, comparative religion or philosophy)
3 years	2 years	2 years	2 years	3 years	4 years

GRADE-POINT AVERAGE

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

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

SLIDING SCALE

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

TEST SCORES

Take the ACT or SAT as many times as you want before you enroll full time in college, but remember to list the NCAA Eligibility Center (code **9999**) as a score recipient whenever you register to take a test. If you take a test more than once, send us all your scores and we will choose the best scores from each test section to create your sum score. We accept official scores only from the ACT or SAT, and won't use scores shown on your high school transcript. Remember to apply the College Board concordance table for SAT tests taken in March 2016 and after.

POST SECONDARY OPTION / CONCURRENT ENROLLMENT OPTIONS

What is the difference between Post Secondary Enrollment Options (PSEO) and Concurrent Enrollment?

PSEO classes are held on the college campus. **The deadline for applying for PSEO is March 27th.**

See a school counselor if you are interested.

Under the Concurrent Enrollment option, high school students do not have to travel to a local college or university. They stay on site at their local high school where high school teachers work collaboratively with college faculty to provide college level courses.

Virginia High School strives to provide a rigorous and relevant curriculum that meets the needs of all our students. It is our sincere hope to provide coursework that challenges each student at his/her individual potential and in doing so, provides the best possible pathway to life-long success. Those students ready to challenge themselves at a higher level are encouraged to concurrently enroll in college level curriculum that allows students to earn dual high school and college credit. Concurrent enrollment is defined as enrollment in one course that provides dual credit attainment at both the high school and college levels.

Please keep in mind that regardless of the credits earned at post secondary institutions, students must meet the minimum outlined graduation requirements at Virginia High School. As allowed per the Minnesota Department of Education, credits earned at post secondary schools will earn credits at the high school level in the following manner.

Credits Earned at College	Credits Earned at High School
(5) Credits at College	= (1) Credit at High School
(4) Credits at College	= (1) Credit at High School
(3) Credits at College	= (.5) Credit at High School
(2) Credits at College	= (.5) Credit at High School
(1) Credit at College	= (.5) Credit at High School

What are the benefits of Concurrent Enrollment?

- ✓ Challenging courses for high-achieving high school students; enrichment of secondary curricular offerings
- ✓ An introduction and preparation for students as to what is expected in a college course
- ✓ A “head start” on college education for high school students
- ✓ Partnerships and cooperative initiatives between high school and post-secondary institutions
- ✓ Opportunity for students to earn college credits while remaining at their high school with their peer group

POST-SECONDARY ENROLLMENT OPTIONS

(This is on the college campus—you leave VHS)

The Post Secondary Enrollment Options (PSEO) program provides 11th and 12th grade students, who qualify for admission to the post secondary institution of their choice, the opportunity to take college course(s) for college and high school credit. This program is designed to provide students with an expanded curriculum (opportunities not available at our school) and/or take advanced courses. Students in grade 10 may be eligible to take one vocational course through the PSEO option. Please see your counselor.

Due to the multi-institutional nature of this program, it is extremely important a student be capable of handling all the responsibilities that follow this choice. Students may attend on a full or part- time basis. It is important that each PSEO student stay in regular contact with their counselor to insure that they are fulfilling all requirements for graduation and also, with the high school in general, so that an awareness of activities and events is ongoing.

Admission to the local community and technical college is based on a GPA of 3.0 or greater for juniors; and 2.5 or greater for seniors.

Students must fill out the application form, Notice of Student Registration, which can be obtained from either the high school or the post secondary institution. An application must be filled out for each quarter or semester. Both the student and a parent/guardian must sign the application indicating that all information on the PSEO program has been received and that the student is aware of his/her responsibilities. **Students are expected to notify the school of PSEO intentions by March 27th.**



Courses marked with a MNSCU logo icon are CIS courses and will require a MNSCU application to the appropriate college.

Can anyone sign up for CIS courses?

Currently, CIS courses are open to Juniors and Seniors.

Do I need a certain test score to enroll in CIS courses?

All students must take the Accuplacer exam in both Reading and Mathematics. See each course in the table for specifics on test score requirements. **ACT test sub scores of 24+ may be substituted for Accuplacer test scores with college approval. Students needing the Accuplacer exam or needing a higher score must sign up in the counseling office. Passing MCA Mathematics 11 or Reading 10 scores may also qualify students.**

Do I need a certain grade point average to enroll in CIS courses? Yes!

2.5 for Seniors 3.0 for Juniors

Do I need to apply to the college?

Yes. Applications are in the counseling office and must be completed prior to the end of the school year. Incomplete applications or missing pre-requisite's result in inaccurate information, so the class may not appear on your schedule.

What if I don't meet the GPA or Accuplacer requirements, but still want to take the class?

A maximum of 50% of the students in the class can take the course for high school credit only. Please see the counselor if you are interested in a high rigor class, but do not meet the requirements. It may be possible to appeal the decision or take it for high school credit only. The ability to appeal rests solely with the colleges.

Typically the numbers of sections offered is determined by those that qualify in early Spring. If you do not qualify, you will be placed on a wait list and will only be able to take the course if there is enough seats available.


Do the grades I earn become a permanent record on all college transcripts?

Yes, so please consider enrolling in CIS classes CAREFULLY!

Grades in CIS classes become a permanent part of students' college transcripts. This means that these grades will appear on your college transcripts for life! You need to be prepared to excel in the CIS classes you choose!

Can I take CIS classes for High School credit only?

Maybe. Students who do not have the required GPA or testing score to receive college credit may choose to take a CIS class for high school credit only. Grading, rigor, pace and course work will be the same for high school credit and college credit students in all CIS courses. Students choosing to take CIS courses for high school credit will receive 1/2 credit per semester. Courses taken for high school credit will NOT appear on college transcripts. Typically the numbers of sections offered is determined by those that qualify in early Spring. If you do not qualify, you will be placed on a wait list and will only be able to take the course if there is enough seats available.

 Courses marked with an AP logo icon denote courses in which college credit may be obtained through an examination process. Advanced Placement courses are courses taken at the high school that culminate with an exam. Your score on the exam determines the amount of credits and/or placement at college. If you earn an AP Exam score of 3 or higher, chances are you can receive credit, advanced placement or both from your college — nearly all colleges and universities in the United States — as well as many institutions in more than 60 other countries — grant credit and placement for AP scores or acknowledge AP scores in the admission process.

You might think that AP classes are tough, and you might be right. But that doesn't mean that you aren't up to the task. If you are willing to work hard, you'll find that the qualities you use in other parts of your life can help you achieve your goals. AP brings the college experience to your high school with the opportunity to earn college credit at thousands of universities. More students are ready for AP than you'd think. Roll up your sleeves and find out what AP can do for you.

College credit and/or advanced placement can be a big reward for all the hard work you put into your AP courses and exams. Also, when you enter college with credit you've already earned through AP, you can save time and money. With a head start on your degree, you may have the flexibility to move into upper-level courses sooner, pursue a double major or study abroad.

Can anyone sign up for advanced placement courses?

Currently, advanced placement courses are open to certain grade levels. See course descriptions.

Do I need a certain grade point average to enroll in advanced placement courses? No!

Do I need to apply to the college? No.

Do the grades I earn become a permanent record on all college transcripts? Only if you want them to!

Concurrent Enrollment Courses

Students must meet requirements for concurrent enrollment to be enrolled in the following courses at the Virginia High School:

College Course Name	Course Number	Participating College	Assessment/ Pre-Requisite	Course Pre-Requisite	College Credits	High School Credits
American History I	HIST 1565	Vermilion College	Reading 78, Writing 78		4	1
American History II	HIST 1566	Vermilion College	Reading 78, Writing 78		4	1
Calculus I	MATH 1561	Mesabi Range College	Reading 78, Elem Alg 76 and Coll Alg 50	Trigonometry & College Algebra Waived w/ Qualifying Accuplacer Score	5	1
College Algebra	MATH 1521	Mesabi Range College	Reading 78, Elem Alg 76 and Coll Alg 50	Trigonometry	4	1
College Composition I	ENGL 1511	Vermilion College	Writing 78		4	1
College Composition II	ENGL 1512	Vermilion College	Writing 78		3	0.5
Fund of College Chemistry	CHEM 1511	Vermilion College	Reading 78, Writing 78, Elem Alg 55		4	1
Fund of College Physics	PHYS 1555	Vermilion College	Reading 78, Writing 78, Elem Alg 55		4	1
Human Anatomy & Physiology I	BIOL 2551	Vermilion College	Reading 78		4	1
Survey of American Literature I	ENGL 2537	Vermilion College	Reading 78		3	0.5
Survey of American Literature II	ENGL 2538	Vermilion College	Reading 78		3	0.5
Trigonometry	MATH 1547	Mesabi Range College	Reading 78, Elem Alg 76 and Coll Alg 50		2	0.5

Advanced Placement Courses (College Credit/Placement)

Course Name	Course Number	Course PreRequisite	College Credits	High School Credits
AP Biology	SCI 1324A & 1324B		By Exam	1
AP General Psychology	PSY 1471		By Exam	0.5
AP Survey of Economics	ECON 1467		By Exam	0.5
AP United States Government & Politics	SOC 1465	Available in Grade 12 Only	By Exam	.5

GRADUATION REQUIREMENTS

Graduation requirements: 24 credits

Virginia High School Graduation Credit Requirements

English: 4 Credits

- 1.0 English 9
- 1.0 English 10
- 1.0 English
- 1.0 English

Social Studies: 4 Credits

- .5 Geography 9
- .5 Economics 9
- 1.0 World History
- 1.0 US History or American History I & II
- .5 Economics 12 or Survey of Economics
- .5 Government 12 or American Government

Math: 4 Credits

- 1.0 High School Algebra*
- 1.0 Geometry
- 1.0 High School Algebra II
- 1.0 Senior Math Elective - a variety of options meet this requirement-see course catalog

*Students that accelerated to Honors Geometry in Grade 9 will meet this requirement through advance coursework in their 11th and 12th grade years.

Science: 3 Credits

- 1.0 Intro to Physics 9
- 1.0 Biology or AP Biology
- 1.0 Science Elective - a variety of options meet this requirement-see course catalog

Speech: .5 Credit

Physical Education and Health: 1 Credit

- 1.0 Physical Education/Health 9

Fine Arts: 1 Credit - a variety of options meet this requirement-see music/art sections in course catalog

Electives: 6.5 Credits - a variety of options meet this requirement-see course catalog

Any course beyond the required amount per category will be counted as electives.

STUDENT SUPPORT OPTIONS

REACH 1713A & 1713B

7-9 1 Credit
(1 Hour/Year)

Responsibility, Education, Accountability, Character, and Hard Work.
See Mrs. Ismil for more information.

If you are a student that is interested in improving yourself and learning some healthy strategies for life, REACH is a class that can help you do that.

REACH class is a positive structured learning environment and a safe place for students to belong, connect, and support each other. Students will set weekly goals for themselves in the areas of personal, academic, and family. The curriculum is guided by the needs of the students and may cover topics such as communication skills, social skills, problem-solving, self-image, drug/chemical awareness, healthy relationships, etc. It is a program prepared to assist students in identifying the challenges/obstacles in their present situations and will lead them through the steps needed to overcome these challenges by teaching the skills needed for lifelong success. You will be graded on your participation, self-reflection and willingness to work on your goals. If you are interested, you will be given an application. Acceptance is through an application process.

REACH 1714A & 1714B

10-12 1 Credit
(1 Hour/Year)

Responsibility, Education, Accountability, Character, and Hard Work.
See Mrs. Ismil or Mr. Carey for more information.

If you are a student that is interested in improving yourself and learning some healthy strategies for life, REACH is a class that can help you do that.

REACH class is a positive structured learning environment and a safe place for students to belong, connect, and support each other. Students will set weekly goals for themselves in the areas of personal, academic, and family. The curriculum is guided by the needs of the students and may cover topics such as communication skills, social skills, problem-solving, self-image, drug/chemical awareness, healthy relationships, etc. It is a program prepared to assist students in identifying the challenges/obstacles in their present situations and will lead them through the steps needed to overcome these challenges by teaching the skills needed for lifelong success. You will be graded on your participation, self-reflection and willingness to work on your goals. If you are interested, you will be given an application. Acceptance is through an application process.

AVID Elective Grades 9 & 10 1715A & 1715B

9-10 1 Credit
(1 Hour/Year)

If you are interested, you will be given an application. Acceptance is through an application process.

The AVID course is an elective class for students who are interested in post-secondary education including certificated programs, two year degrees or four year degrees.

1. The AVID student possesses the desire to succeed in rigorous courses that prepare them for post secondary education
2. The AVID student is committed to working hard and open to new opportunities
3. The AVID student exhibits a positive attitude toward themselves and others
4. The AVID student wants to learn through self-advocacy and collaboration
5. The AVID student often has a grade point average between a 2.0 and 3.5
6. The AVID student is committed to good attendance or making a change toward good attendance and is committed to good behaviors in and out of the classroom or making a change to good behaviors in and out of the classroom

INDIAN EDUCATION 1008A & 1008B

Select both numbers if you want a year long study hall. Selecting one number will give you a study hall in one semester, but it could be either one and it is determined by the courses you select.

9th-12th grade students can elect to take two study hall periods (one each semester).

The purpose of Indian Education is similar to that of a study hall. It is extra time during the day to work on homework or study for tests as well as receive additional cultural awareness. Students have access to iPads and computers as well as the resource center when necessary.

STUDY HALL 1002 (fall semester) & 1003 (spring semester)

Select both numbers if you want a year long study hall. Selecting one number will give you a study hall in one semester, but it could be either one and it is determined by the courses you select.

9th-12th grade students can elect to take two study hall periods (one each semester).

The purpose of study hall is find extra time during the day to work on homework or study for tests. Students have access to iPads and computers as well as the resource center when necessary. The study hall supervisor will work independently with students as necessary.

Some 9-12 grade students elect to sign out of study hall to other areas within the school building. Students will be required to be passing their courses, earning a 2.5 g.p.a, attending school regularly, maintain consistent and appropriate behaviors and have a parent signature on file to do so. Those on athletic ineligibility due to grades must report to study hall. Students who get a pass revoked will be required to stay in study hall for the remainder of the quarter.

Some students elect to sign out of the building during their study hall. This is only open to 11th and 12th grade students that earned a 3.0 g.p.a or higher from the previous marking period. Students will be required to be passing their courses, attending school regularly, maintain consistent and appropriate behaviors and have a parent signature on file to do so. Those on athletic ineligibility due to grades must report to study hall. Students who get a pass revoked will be required to stay in study hall for the remainder of the quarter.

ART COURSES

ART 1512

DRAWING

9-12 ½ Credit
(1 Hour/1 Semester)

[Recommended: Art I or 8th Grade JH Art]

Drawing is a semester long class that allows students to further develop their drawing skills. Students will spend the semester making works of art in several different styles using the many different materials of drawing.

ART 1514

PAINTING

9-12 ½ Credit
(1 Hour/1 Semester)

[Recommended: Art I or 8th Grade JH Art]

Painting is a semester long class that allows students to further develop their painting skills. Students will create works on traditional canvases, as well as large murals, and non traditional painting styles such as graffiti.

ART 1516

CERAMICS & POTTERY

9-12 ½ Credit
(1 Hour/1 Semester)

[Recommended: Art I or 8th Grade JH Art]

This course is not offered in 20-21, it may be offered again in 21-22

Ceramics and pottery is a semester long class to further develop skills required to create pottery. Students will create several functional pieces (i.e. coffee cups, bowls, etc.) as well as non-functional (sculptural) pieces of artwork. Building methods will include the pottery wheel and hand building techniques.

Note: This course will not be offered in 18-19. Stained Glass & Mosaics will be offered instead.

ART 1518

STAINED GLASS & MOSAICS

9-10 -11-12 ½ Credit
(1 Hour/1 Semester)

[Recommended: Art I or 8th Grade JH Art]

Stained glass & mosaics is a semester long class that allows students to investigate the medium of stained glass and mosaics. Students will develop skills to work with and manipulate glass, as well as create several works of art using glass in various forms.

ART 1520

INDIVIDUAL STUDY IN STUDIO ART

9-12 ½ Credit
(1 Hour/1 Semester)

[Pre-Requisite: Prior 9-12 Art Credits & Instructor Approval]

Individual study in studio art was created for students who hope to pursue a career in the field of visual arts, this course will help students develop a portfolio of work. Guided by the instructor, students will have the opportunity to select the mediums they want to work with and make decisions regarding the content and meaning of their projects.

ART 1522A

ADOBE PHOTOSHOP & DIGITAL PHOTO 1

11-12 ½ Credit
(1 Hour/1 Semester)

[Recommended: Art I or 8th Grade JH Art]

Discover digital photography! Students will employ photo composition and a variety of photo editing techniques. In addition students will scan, find online digital images, and learn graphic design basics with the use of Adobe Photoshop. All lessons will be designed to stimulate inquiry, creativity and higher order thinking.

ART 1522B

ADOBE PHOTOSHOP & DIGITAL PHOTO 2

11-12 ½ Credit
(1 Hour/1 Semester)

[Required Pre-Requisite: Adobe Photoshop & Digital Photo 1]

An extension to Adobe Photoshop 1, this course employs photo composition and a variety of photo editing techniques. In addition students will scan, find online digital images, and learn graphic design basics with the use of Adobe Photoshop. All lessons will be designed to stimulate inquiry, creativity and higher order thinking.

BUSINESS EDUCATION COURSES

BUS 1600A & 1600B URBAN EDGE -Marketing & Entrepreneurship Skills 11-12 1 Credit (1 Hour/1 Year)

This course takes place in an existing small business called The Urban Edge which is a coffee house located in the Virginia High School. Students will be given the opportunity to participate in an environment that encourages active learning about business formation and operation using hands-on activities. Students participate in active learning models that will develop skills in personal relations, selling, advertising, money management, and a host of other business-related areas. Students will meet each day at The Urban Edge to assist in the operation of this business and begin developing skills necessary for a successful career in business and related areas. This class is for all students who have an interest in hands-on learning, and a desire to work in a highly motivating environment. Local professionals and area merchants share in the learning process and make this a class worth taking!

**This is two courses, but students must take it for the year and are required to register for both!
Students not selecting both will either be dropped and/or be forced into a section.**

BUS 1602 SPORTS & ENTERTAINMENT MARKETING 11-12 ½ Credit (1 Hour/1 Semester)

This course is designed to help you develop a fundamental knowledge of marketing concepts that relate to sports and entertainment events, and the career possibilities currently available in this industry. The areas this course will cover include basic marketing, promotions, sponsorship proposals, and implementation of sports and entertainment marketing plans. In addition to the marketing overview, this course is designed to show how the roles of advertising, sales, and communications are important to the successful implementation of a marketing plan. Sports & Entertainment Marketing may utilize "Mind Tap", a personalized online learning experience with relevant assignments that guide students to analyze, apply and improve their marketing experience.

BUS 1604 CRIMINAL JUSTICE AND BUSINESS LAW 10-12 ½ Credit (1 Hour/1 Semester)

This class may be received via an electronic Telepresence course and use an online platform of learning in addition to direct instruction received via television capabilities.

Instructor: Susan Ellefson

Sending District: Eveleth-Gilbert High School

Students will explore subjects of business law like the introduction of law, the meaning of crime, civil laws and procedures, criminal laws and procedures, and agency and employment laws. Afterwards, they will learn about different aspects of criminal justice like crime patterns, understanding crime and victimization, the history of policing, adult and juvenile corrections, probation, and life in prison.

This class may be received via an electronic Telepresence course and use an online platform of learning in addition to direct instruction received via television capabilities.

COMPUTER SCIENCE

VSTS 2310A & 2310B
SEE CAREER EXPLORATION

VSTS I -Technology in Society

9-12 1 Credit
(1 Hour/1 Year)

VSTS 2312A & 2312B
SEE CAREER EXPLORATION

VSTS II -Technology in Society II

9-12 1 Credit
(1 Hour/1 Year)

BUS 2308

INTRO TO COMPUTER PROGRAMMING AND CODING I

(Formerly Intro to Computer Programming)

9-12 ½ Credit
(1 Hour/1 Semester)

Intro to Computer Programming and Coding I curriculum teaches the foundation of computer science, web design and basic programming with an emphasis on helping students develop logical thinking and problem solving skills. The course is designed for complete beginners with no previous background in computer science. The course is highly visual, dynamic, and interactive, making it engaging for new coders.

BUS 2314

INTRO TO COMPUTER PROGRAMMING AND CODING II

Prerequisite: Intro to Computer Programming and Coding I (Formerly Intro to Computer Programming)

9-12 ½ Credit
(1 Hour/1 Semester)

Intro to Computer Programming and Coding II curriculum starts where we left off in Intro to Computer Programming and Coding I. This course continues to teach the foundations of computer science, web design and basic programming with an emphasis on helping students develop logical thinking and problem solving skills. The course is designed for students who satisfactorily completed Intro to Computer Programming and Coding I. The course is highly visual, dynamic, and interactive, making it engaging for new coders.

ENGLISH COURSES

ENG 1120A & 1120B

ENGLISH 9

9 1 Credit
(1 Hour/1 Year)

(Required)

English 9 presents an integrated approach to the study of literature, language, writing, and vocabulary. A review of language structure, usage, and mechanics is provided as needed with special emphasis on the writing process and its application to various forms of composition: expository, persuasive, narrative, and descriptive. Literature study includes the short story, poetry, drama, non-fiction, an epic, and the novel. Vocabulary is in conjunction with literature selections.

ENG 1130A & 1130B

ENGLISH 10

10 1 Credit
(1 Hour/1 Year)

(Required unless taking Honors)

English 10 is designed to provide a background in the various literary forms. Using world literature, students will study poetry, drama, novel, short story, and essay. Vocabulary study is included as well as a review in usage and mechanics as needed. A strong emphasis is placed on composition.

ENG 1132A & 1132B

HONORS WORLD LITERATURE 10

10 1 Credit
(1 Hour/1 Year)

Register for globe-trotting literary adventure in this course that will sample poetry, drama, short fiction, and novels as genres that have been developed through the centuries and around the world. While reading (as individuals and group members) is the core of this class, students will also experience various compositional forms and continue their study of the English language. Besides the usual means of assessment, participants in HWL must also demonstrate commitment to the concept of the learning community and to academic integrity.

ENG 1178

YOUNG ADULT FICTION

11-12 ½ Credit
(1 Hour/1 Semester)

Young Adult fiction features characters ages 12-18 who are experiencing the same conflicts, struggles, and decisions that you are. Some examples of YA fiction are The Hunger Games, The Hate You Give, The Fault in Our Stars, and The Giver. YA fiction includes all genres of fiction such as realistic, historical, sci/fi, and fantasy. This course can help you make sense of the world around you and help you find your place in the world. In this elective course, you will read YA novels, watch their movie versions, discuss artistic choices, write reflectively and creatively, and create multimedia projects.

*The titles above are merely examples, and will not necessarily be studied in this course.

ENG 1176

MEDIA STUDIES

11-12 ½ Credit
(1 Hour/1 Semester)

Turn off that YouTube, take out those earbuds, put down your cell phone, and join this class for a unique learning experience. As our world becomes increasingly “plugged in,” we are exposed to a greater variety of media in its ever-expanding forms. In this class you will improve your media literacy skills by examining the effects media has on us as individuals and as a society. We will closely analyze various forms of audio, print, photographic, broadcast, cinematic, and digital media in order to evaluate how its institutions both inform and persuade their audiences. Through reading and writing practices, big questions will be raised and discussed about the importance and ethics of media as it works to both connect and divide us. We will work collaboratively and creatively to produce media that effectively communicates ideas and meets the demands of the ever-changing professional world.

ENG 1140A & 1140B

AMERICAN LITERATURE

11-12 1 Credit
(1 Hour/1 Year)

American Literature surveys the work of American authors, including various forms of literature. Themes from American literature are discussed and used to create multimedia projects, literary analysis, informational/technical, persuasive, and creative writing. Students will also learn interpersonal skills that aide in speaking and listening activities and when working with others. Vocabulary study will be associated with the difficult words in literary assignments, as well as career oriented vocabulary. Mechanics, usage, and sentence structure will be studied throughout the year as needed.



ENG 1152

SURVEY OF AMERICAN LITERATURE I

11-12 ½ Credit
(1 Hour/1 Semester)
(3 college credits)

(ENGL 2537)

Survey of American Literature I introduces students to literature considered ‘American’ from early exploration of North America through 1865. This college level course will focus on how literature reflects historical contexts and examines American society. Students will read journals, speeches, plays, short stories and poetry. Assignments will include reader response journals, discussions, projects and compositions.

NOTE: See CIS enrollment information.



ENG 1154

SURVEY OF AMERICAN LITERATURE II

11-12 ½ Credit
(1 Hour/1 Semester)
(3 college credits)

(ENGL 2538)

Survey of American literature II introduces students to literature from 1865 - present day. This college level course will cover the literature movements of realism, modernism, the Harlem Renaissance, and postmodernism. Students will read novels, short stories, and poetry to explore how the ‘American Dream’ is manifested in literature. Students will discuss whose voices are heard and whose stories are told. Assignments will include reader response journals, discussions, projects, and compositions.

NOTE: See CIS enrollment information.

ENG 1150A

BRITISH LITERATURE

11-12 ½ Credit
(1 Hour/1 Semester)

British Literature surveys the work of British authors, including various forms of literature. Vocabulary study will be associated with the difficult words in every literary assignments. Compositions will include papers which focus on description, literary analysis, cause and effect, and comparison-contrast. Some opportunity will be given for creative writing. Mechanics, usage, and sentence structure will be studied throughout the year as needed.



ENG 1160

COLLEGE COMPOSITION I

11-12 ½ Credit
(1 Hour/1 Semester)

(ENGL 1511)

Students taking this course for College Credit will receive 1 credit instead of .5 for the semester.

College Composition I is the first in a two-course sequence that is designed to prepare students for writing across the disciplines. Accordingly, this course will offer a multitude of writing situations and an environment that encourages each writer to develop his or her individual style and voice. The course will focus on the steps in the writing process, including planning, pre-writing, drafting, revising, and editing. Students will hone paragraph writing skills and work toward achieving an acceptable level of grammatical correctness on final drafts. Students will practice writing in various rhetorical modes, including, but not limited to: narration/description, example/illustration, problem analysis, comparison/contrast, and literary analysis. Basic library and computer researching skills will be introduced as preparation for further study in English and other disciplines.

NOTE: See CIS enrollment information.



ENG 1162

COLLEGE COMPOSITION II

11-12 ½ Credit
(1 Hour/1 Semester)
(3 college credits)

(ENGL 1512)

College Composition II is the second in a two course sequence designed to prepare students for reading, writing, and communicating across the disciplines. The focus is on critical thinking about ethical and civic responsibilities and writing argumentative essays to support ideas and opinions. The course will focus on evaluating information, researching skills, incorporating outside information into writing through summary, paraphrase, and direct quotation, and documenting sources. The course will also focus on the elements of writing an argumentative essay with emphasis on how to structure and plan argumentative writing, the role of reason and logic in argumentative writing, and the consideration of audience and opposing positions in argumentative writing. Students will practice what they learn through reading, researching, and writing on a variety of controversial ethical/social/political dilemmas. Hence, the class will at times resemble an ethics or current issues course, though the communication of ideas will be most important. NOTE: See CIS enrollment information.

This course will take an in-depth look at drama as a literary form. Students will read and analyze a variety of cornerstone texts that span the history of theater from ancient Greece to the present. The course will give students an understanding of the how and why theater has become an important form of expression by studying its history as well as considering what theater can do for today's society. The elements of theater will be studied and practiced, and students will be given the opportunity to write, act, direct, and design for the stage.

Novels have amused, shocked, horrified and puzzled readers for centuries, and they will be the primary focus of this class. In this survey course, students will experience and interpret important 20th and 21st century novels written by several authors, each reflecting a major contribution to the genre. This is not, however, simply a course about stories. It is a course about societies, cultures, and artists that created these stories as well. Students will read and evaluate the significance of the novels studied and show their interpretations through a variety of creative projects and written tasks.

Technical and business writing is the study and practice of writing in professional settings. This class focuses on documents necessary to make decisions and take action on the job and in the community such as letters, reports, proposals, e-mails, resumes, and other formal documents.

Creative Writing is a course with a focus on unique writing areas that fall outside the normal spectrum. Students will have the opportunity to write in different genres such as science fiction, fantasy and mystery. Students will be writing in many different forms like diaries, short stories, and personal narratives. Creative Writing will also look at significant authors as examples and examine how and why their writing became successful and is classified as uniquely creative. This course will focus heavily on drafting, peer reviewing, open discussion, and revising student writing.

The ROHIAN (ROosevelt HIgh ANnual) is a memory book, a history text, a research guide, a public relations instrument, and an educational tool. You are historians, journalists, and artists creating a yearbook that will be read for generations to come. What you do affects every person at Virginia High School, the entire Virginia community, future students, and families of ISD 706, and, of course, you yourself as a proud Blue Devil for life. The ROHIAN staff will also be responsible for designing, assembling, and publishing of the new school newspaper (previously known as Star of the North) and the senior class booklet. Being part of the ROHIAN staff is essentially belonging to a publishing team in which you will gain skills in page design, publishing techniques, copywriting, journalism, interviewing, editing, researching, photography, record keeping, time management, teamwork, creative problem solving, marketing, and leadership skills as you produce multiples pieces of timeless, creative, and innovative professional publications that accurately and completely record the special memories and events of a unique time and place. **Students must be earning a cumulative grade point average of 2.5 at the time of registration to be eligible for this course. Students not meeting this requirement will be rescheduled into other courses.**

FAMILY & CONSUMER SCIENCE COURSES

FACS 1702

APPAREL DESIGN AND PRODUCTION

9-12 ½ Credit
(1 Hour/1 Semester)

This course is not offered in 20-21, it may be offered again in 21-22

This course is for students who would like to develop sewing skills while exploring the textile industry and related career opportunities. Students will practice basic skills, construct a project using a pattern, and will design, manufacture, and market an entrepreneurial project. Costs will vary depending on individual student projects.

FACS 1704

FOODS AND NUTRITION

9-12 ½ Credit
(1 Hour/1 Semester)

In this course, students will practice various cooking techniques while examining the nutritional needs of an individual. Food trends and lifestyle options such as vegetarian diets, convenience foods, food intolerances, and how these issues relate to the nutrient needs of an individual will also be discussed. Food lab experiences will align to course content and enhance learning of food preparation techniques. Students will explore careers related to nutrition and food preparation and service.

FACS 1710

HOUSING & INTERIOR DESIGN

10-12 ½ Credit
(1 Hour/1 Semester)

This class is designed to help the student learn to make wise housing choices and study consumer rights and responsibilities, learn about art principles and their application to building interior and exterior spaces, study housing styles, floor plans, room and furniture arrangement and selection. Students will also spend time exploring careers in housing (architect, landscaper, interior designer, etc.)

Note: This course will not be offered in 2021-22.

FACS 1712

CHILD DEVELOPMENT

10-12 ½ Credit
(1 Hour/1 Semester)

In the first quarter students will learn about reproduction and prenatal development and then move on to the areas of development focusing on children ages birth to 5. In the second quarter students will learn about school age children.

FACS 1706A & 1706B

FOOD OCCUPATIONS I

11-12 1 Credit
(2 Hour/1 Semester)

Offered at Mt Iron High School

Designed for those who are interested in the food service industry. Activity centers around our student-run restaurant, The Ranger Rock Cafe, which is open to MIB faculty/staff and the public (as well as catering for events such as banquets and meetings). Included are basic food handling and safety techniques, food production, cost control methods, operation of commercial food service equipment, and customer service. Future jobs/career paths include Chef, Short-order cook, Food preparation worker, waiter/waitress, host/hostess, food service management, or restaurant owner. Check out our website: www.foodocc.com

FACS 1708A & 1708B

FOOD OCCUPATIONS II

11-12 1 Credit
(2 Hour/1 Semester)

Offered at Mt Iron High School

[Prerequisite: Food Occupations I]

Designed for those students who are planning on attending a post-secondary school for culinary arts, restaurant management, or the hospitality industry. You will be responsible for inventory control, ordering supplies, quality control, scheduling of Food Occ I stations, assisting Food Occ I students during labs and restaurant operations, and devising weekly specials. Check out our website: www.foodocc.com

HEALTH AND HUMAN SERVICES



VOC 1856

(NUNA 1215/HLTH 1657)

CNA/HOME HEALTH/RESP EMERG

11-12 1 Credit
(2 Hour Block/1 Semester)

Offered at Mesabi Range Community & Technical College - Eveleth Campus

(4 college credits)

NUNA 1215 - Intro to Nursing units of instruction include: Maintaining a safe and clean environment, communicating information, meeting basic needs, providing personal care including activity and exercise, assisting with nutrition and eliminating needs, measuring vital signs, understanding mental health and social service needs, caring for a client with special equipment and/or procedures. The course teaches the student to perform these skills in a long term facility or in a home environment. Instruction is provided through lectures with either video or instructor demonstration of nursing skills. The students are then given practice time for nursing skills in a lab with a return demonstration by the student required. The goal of this course is that the student will be proficient in all the introductory skills of Nursing and will be able to provide safe care in a healthcare setting. Upon successful completion of the course, the student will be eligible to take the State licensing exam for Certified Nursing Assistant/Home Health Aide. This course is a prerequisite for LPN and RN programs.

HLTH 1657 - Responding to Emergencies prepares the student to assess and make appropriate decisions regarding first aid care in accidents and sudden emergencies. Upon successful completion, the student shall receive American Red Cross certification in Emergency Response.

NOTE: Must meet PSEO GPA qualifications and take the accuplacer test.



VOC 1854

(PSYC1457 / NURS1227 / EMSV1658)

CPR/MED TERM/EMERG MED RESP

11-12 1 Credit
(2 Hour Block/1 Semester)

Offered at Mesabi Range Community & Technical College - Eveleth Campus

(4 college credits)

NURS 1227 - Medical Terminology - This course examines medical word composition with emphasis on word roots, prefixes, and suffixes. Abbreviations and symbols are also taught. Pharmaceutical and diagnostic terms and abbreviations are examined. This course is required for nursing and other healthcare professions.

EMSV 1658 - First Responder - The First Responder course is designed to train volunteers and professionals to deal with trauma and medical emergencies. Emphasis includes assessing the scene and preventing further harm, assessing patients, following protocols for equipment use, and working within the established EMS system to access medical care, and to report and provide medical support until a higher level of care can be obtained. This course includes CPR certification at the Healthcare provider level. First Responder Certification requires a skill test, 80% correct on a national written exam, and fee payment. (Certification available)

NOTE: Must meet PSEO GPA qualifications and take the accuplacer test.

HHS 1858

MEDICAL TERMINOLOGY

9-12 ½ Credit
(1 Hour/1 Semester)

A great pre-requisite course for anyone interested in medical careers and other health sciences. The topics covered in this course will help students develop fluency in specialized medical language of the human body and health. Topics include terminology for the human body and pathological conditions. Terms will focus on the body systems of lymphatic, musculoskeletal, nervous, reproductive, respiratory, and urinary systems. Labs will correlate to the terminology unit.

HHS 1860

MEDICAL CAREERS

9-12 ½ Credit
(1 Hour/1 Semester)

We will explore different careers within the medical industry. Career planning, medical ethics, terminology review, interpersonal skills, critical thinking, and communication skills will be topics covered throughout the semester. Other topics include therapeutic careers, information technology, alternative health, and diagnostic careers. Red Cross First aid, CPR, and AED certification can be earned in this course.

INDUSTRIAL COURSES

INDUST 1810 **INDUSTRIAL TECHNOLOGY I** 9-11 ½ Credit
(1 Hour/1 Semester)

In this class students will begin to explore the field of Industrial Technology. An Introduction to Basic Drafting, 3D Design, 3D Modeling, 3D Printing, Laser Engraving and Vinyl Cutting will be the emphasis for Industrial Technology I. It is recommended but not required to take Industrial Technology II during the same school year. See More Here: https://drive.google.com/open?id=1rPqsVt3tpiYd_pp2GUpFfP2TJqmH0Ko7

INDUST 1812 **INDUSTRIAL TECHNOLOGY II** 9-11 ½ Credit
(1 Hour/1 Semester)

[Prerequisite: Industrial Tech I]

The focus of Industrial Technology II will be an introduction to Shop Safety, Woodworking, and Metalworking. Students will be able to make use of their newly developed skills to design and create projects of choice during the last portion of this class. This a hands-on class where the students will enjoy working in a high-tech shop setting. See More Here: https://drive.google.com/open?id=1rPqsVt3tpiYd_pp2GUpFfP2TJqmH0Ko7

INDUST 1820 **ROBOTICS I** 9-12 ½ Credit
(1 Hour/1 Semester)

This course introduces the fundamental concepts of robotics using VEX Robotics. Topics include how robots move, sense, and perceive the world around them. Students will construct and program robots in laboratory sessions. Robots perform tasks that are too repetitive, too dirty, or too dangerous for humans. Robots can entertain us, clean our houses, build our cars, fight our wars, and perform surgery on our bodies. No previous computer programming or electronics experience is necessary. It is recommended to register for Robotics I and II in the same year, but not required.

See More Here: https://drive.google.com/open?id=1H5jPhuRUNrhmqoXfR_-_xP9wQ8sN8hPi

INDUST 1822 **ROBOTICS II** 9-12 ½ Credit
(1 Hour/1 Semester)

[Prerequisite: Robotics I]

Robotics takes a problem solver and engineer to perform tasks that are too repetitive, too dirty, or too dangerous for humans. This class helps students learn about robotics by building, programming, and designing robots. Students will construct and program robots in shop environments. It is recommended to register for Robotics I and II in the same year, but not required.

See More Here: https://drive.google.com/open?id=1H5jPhuRUNrhmqoXfR_-_xP9wQ8sN8hPi

INDUST 1814 **WOOD TECHNOLOGY I** 10-12 ½ Credit
(1 Hour/1 Semester)

Students will develop hands-on skills, knowledge, and safety practices by using the tools and equipment in the woodworking industry. Students will construct a magazine rack at no cost to the student. The students next project will be a small piece of furniture or cabinet of their choice and will be paid for by the student.

See More Here: https://drive.google.com/open?id=1kfb1eFHZD4PQjuvkkWnv9_96ThBERmKp

INDUST 1816 **WOOD TECHNOLOGY II** 10-12 ½ Credit
(1 Hour/1 Semester)

[Prerequisite: Wood Technology I]

Students will learn more about the wood industry and enhance their skills by constructing an advanced cabinet or piece of furniture. Students will construct their project from the design stage to the finished product. Project examples include entertainment centers, coffee tables, gun cabinets, dressers, curio cabinets and display cabinets. The project will be paid for by the student.

See More Here: https://drive.google.com/open?id=1kfb1eFHZD4PQjuvkkWnv9_96ThBERmKp

INDUST 1828**HOME MAINTENANCE**

10-12 ½ Credit

(1 Hour/1 Semester)

The Home Maintenance course is designed to give students a basic understanding of home maintenance and repair. Consisting of, but not limited to: concrete, electrical, plumbing, carpentry, roofing, drywall, painting techniques, tile installation, wall coverings, and landscaping. In addition to home repair, this class will cover many different areas of everyday life. Each student will complete hands-on activities using the skills and tools necessary for home repairs and improvements. This is a life-long skill class.

See More Here: <https://drive.google.com/open?id=13oexkHhGufJ-52ZWIUps4fYeL4twHu5>

INDUST 1818**iDESIGN**

10-12 ½ Credit

(1 Hour/1 Semester)

iDesign will allow one's imagination and creativity turn into reality. Students will use high-tech computer controlled equipment such as laser engravers, vinyl cutters, and rapid prototyping machines. Students will create projects such as: multicolor decals, custom printed t-shirts, personalized picture frames, LED signs, etched mirrors, selfie bobbleheads, etched sports mugs, personalized flower vases, drink coasters and a cutting board. Pretty much anything custom you see on Pinterest you can create in this class. Students will design and create several different projects in a clean lab environment. Once students are familiar with the software and equipment, they will have the opportunity to design and create projects of their choice.

See More Here: https://drive.google.com/open?id=1UHfOp02vVwwmtgfclvnrWn5fHUd_RRy

INDUST 1849**ENGINEERING I - Fundamentals of Solid Modeling**

10-12 ½ Credit

(1 Hour/ 1 Semester)

This course introduces the fundamentals of graphical communications for design and manufacturing with a solids modeling software called SolidWorks. Topics include basic 3D geometry construction, drawings, assemblies, and dimensioning. In addition to using SolidWorks we will also be using the 3D printer for rapid prototyping of our designs. It is encouraged but not required to take Engineering II during the same school year. See More Here: <https://drive.google.com/open?id=1I6RQ9KpulEbmXSE6sZiR04x47RgFxmTX>

INDUST 1851**ENGINEERING II-Engineering Professional Development I**

10-12 ½ Credit

(1 Hour/ 1 Semester)

This course helps students gain an understanding of the profession of engineering and the pathway to obtaining an engineering education. This course will go over the design development process while enriching problem-solving skills. Students will take a hands-on approach to real-world projects, giving them a better understanding of how the skills learned in the classroom can be applied to everyday life.

See More Here: <https://drive.google.com/open?id=1I6RQ9KpulEbmXSE6sZiR04x47RgFxmTX>

INDUST 1839**WELDING I**

10-12 ½ Credit

(1 Hour/1 Semester)

Intro to welding offers students the opportunity to learn about the welding and cutting processes. Students will be introduced to Oxy-Acetylene Welding, Arc Welding, Wire Feed Welding, Torch Cutting, CNC Plasma Cutting and Plasma Cutting. Students will also have the opportunity to use these skills to create several different projects of choice.

See More Here: <https://drive.google.com/open?id=1jUWS6LrZnMwSREdbDqtY5mfNg7OxEiW9>

INDUST 1845**WELDING II**

10-12 ½ Credit

(1 Hour /1 Semester)

[Prerequisite: Welding I or Intro to Welding]

This course offers intermediate level training in Horizontal and Vertical Welding. Welding processes include Shielded Metal Arc Welding ("Stick"), Oxy-Acetylene Welding and Cutting, Gas Metal Arc Welding ("Wire Feed"), Plasma Arc Cutting, Gas Tungsten Arc Welding (TIG), CNC Plasma Cutting and Welding Safety. Students will complete an assigned metals project.

See More Here: <https://drive.google.com/open?id=1jUWS6LrZnMwSREdbDqtY5mfNg7OxEiW9>

INDUST 1847**WELDING III**11-12 ½ Credit
(1 Hour/1 Semester)

[Prerequisite: Welding II]

This course offers advanced welding training. Welding processes include Overhead Welding, Shielded Metal Arc Welding (“Stick”), Gas Metal Arc Welding (“Wire Feed”), Gas Tungsten Arc Welding (TIG), FCAW and Aluminum Welding. Plasma Arc Cutting and CNC Plasma operation will also be introduced in this course. Welding III will give students the opportunity to design and create projects of choice, or be part of a class project. Examples of choice projects could include; snowmobile/ATV accessories, signs, art sculptures, sporting, hunting or fishing accessories and more! examples of class projects could include; a utility trailer, drop down fish house frame or a mobile BBQ grill. This class could lead to future career paths which could include; Welder, Millwright, Independent Owner Welding/ Fabricating Shop or Computer Aided Manufacturing. See More Here: <https://drive.google.com/open?id=1jUWS6LrZnMWsREdbDqtY5mfNg7OxEiW9>

INDUST 1834**SMALL ENGINES**10-12 ½ Credit
(1 Hour/1 Semester)

Small Engines is an introductory course on two and four stroke cycle engines. This course familiarizes students with the use of hand tools and small engines. Units of study include engine parts, systems, and operation of the small engine. Lab orientation emphasizes safety, maintenance, trouble-shooting, and organization while allowing the student to disassemble and reassemble small engines. Students learn how to communicate on a technical level, properly use tools, gauges, and precision measuring devices. This course is highly recommended for students entering engineering, designing, motor sports, and auto technology.

INDUST 1826**AUTO MAINTENANCE**11-12 ½ Credit
(1 Hour/1 Semester)

This course provides students with the knowledge to make economical decisions and take preventative measures to enhance the overall satisfaction of being a vehicle owner. The class discussions and lab activities provide the fundamental knowledge and experience in owning and maintaining an automobile. Students will use basic hand, power, and lifting tools to perform maintenance on vehicles. Changing oil and filters, tire rotation, minor electrical repairs, exterior car maintenance and other related tasks are experienced. See More Here: <https://drive.google.com/open?id=1GdduiawPNOgJz-0Y56ydiWvmvKLnia0q>

INDUST 1831**AUTO MECHANICS 1**11-12 ½ Credit
(1 Hour/1 Semester)

[Prerequisite: Auto Maintenance]

This course is the study of the operation and repair of the automobile. A systematic approach will be used to disassemble, measure, diagnose, and reassemble automobiles and some small engines. Live shop work will be used as much as time permits. The year will be broken down into units, beginning with orientation & safety, progressing through engine principles, general automotive servicing, tool identification/use, followed by more advanced areas.

See More Here: <https://drive.google.com/open?id=1GdduiawPNOgJz-0Y56ydiWvmvKLnia0q>**INDUST 1844****BUILDING CONSTRUCTION I-Hand & Power Tools**11-12 ½ Credit
(1 Hour/1 Semester)

This course is designed to familiarize students with the building trade industry. The student will learn the basics of construction in the areas of job safety, tool identification and proper usage, machines and proper usage, construction terminology, construction components, and career opportunities. Topics to be covered include: building plans, building codes, site preparation, footings, foundations, floor framing and sheeting, walls and sheeting materials, ceilings, roofs, roof trusses, and roofing. Students will be required to create a scale model building and will have the chance to make a small project or multiple small projects, based on time, to take home or sell. NOTE: Students must complete Building Construction I & Building Construction II to earn technical college credits. It is recommended, but not required, to take Building Construction I & Building Construction II during the same school year.

See More Here: <https://drive.google.com/open?id=1IVmkg60br5z1ycOYulLax-wSlzkWZdfw>

INDUST 1846

BUILDING CONSTRUCTION II-Hand & Power Tools

11-12 ½ Credit

(1 Hour/1 Semester)

[Prerequisite: Building Construction I]

Students will acquire knowledge and skills related to the building trades industry. Topics to be covered more in depth include: windows, doors, exterior walls and siding, plumbing, electrical, heating, insulation, interior walls, drywall, ceiling materials, flooring, painting and career opportunities. A variety of projects will be constructed such as sheds, garages, hunting stands, and fish houses to develop hands-on skills.

See More Here: <https://drive.google.com/open?id=1IVmkg60br5z1ycOYuLax-wSlzkWZdfw>

INDUST 1852

INDUSTRIAL MAINTENANCE

11-12 ½ Credit

(1 Hour/1 Semester)

This course is not offered in 20-21, it may be offered again in 21-22

This course will include instruction and experiences in mechanics, hydraulics, principles of operation, maintenance and repair, use of measurement and analysis tools, disassembly and reassembly of machinery, safety and approach to work, job and career opportunities, plant tours, and much more. Students will be expected to apply the keys to success in industry that include safety, continuous learning, positive attitude, reliable attendance, teamwork and a positive work ethic.

MATH COURSES

MATH 1220A & 1220B **INFORMAL HIGH SCHOOL ALGEBRA I** 9 1 Credit
(1 Hour/1 Year)

[Students from Informal 8th Grade Algebra I should select Informal High School Algebra unless advised by the teacher and/or counselor to take High School Algebra]

This course is designed to provide a foundation for algebra. The content of this course includes operations with rational numbers; inequalities; polynomials; factoring; functions and graphs; lines and slopes; squares and square roots; statistics and probability. This course will cover the same material as High School Algebra I but at a slower pace with more time in class for homework. Students intending to pursue NCAA athletics are advised against enrolling in this course as it does not count for NCAA eligibility.

MATH 1222A & 1222B **HIGH SCHOOL ALGEBRA I** 9 1 Credit
(1 Hour/1 Year)

[This course may be taken if at least a “C” average in 8th Grade Algebra is maintained. Students from Informal 8th Grade Algebra I should select Informal High School Algebra unless advised by the teacher and/or counselor to take High School Algebra]

High School Algebra will include an algebraic introduction that builds upon the concepts taught in 8th Grade Algebra. Students will be working with real numbers, solving equations and problems, polynomials, factoring polynomials, algebraic fractions, applying fractions, introduction to functions, systems of linear equations, inequalities, rational and irrational numbers, and finally, quadratic functions.

MATH 1230A & 1230B **INFORMAL GEOMETRY** 10-12 1 Credit
(1 Hour/1 Year)

[Prerequisite: Informal High School Algebra I or High School Algebra I]

This course offers the same basic topics listed under Geometry, but places less emphasis on theory and more emphasis on application. This course is a prerequisite for Informal High School Algebra II. Students intending to pursue NCAA athletics are advised against enrolling in this course as it does not count for NCAA eligibility.

MATH 1232A & 1232B **GEOMETRY** 10-12 1 Credit
(1 Hour/1 Year)

[Prerequisite: High School Algebra]

Emphasis is placed on deduction, but significant roles of induction and intuition are also stressed. Linear, angular, surface and volumetric, and quantities of 1, 2, and/or 3 dimensional geometric forms are compared and/or calculated. The line, plane, and space are coordinated; and elementary methods of analytical geometry are introduced. Solid geometry is integrated with plane geometry throughout the course. Students who are considering High School Algebra II or Pre-Calculus should enroll in this Geometry course.

MATH 1234A & 1234B **HONORS GEOMETRY** 9-12 1 Credit
(1 Hour/1 Year)

[Prerequisite: HONORS 8TH GRADE ALGEBRA I or High School Algebra with instructor approval]

[Students are required to maintain a B- average PER SEMESTER and no more than 2 missing assignments PER SEMESTER]

Emphasis is placed on deduction, but significant roles of induction and intuition are also stressed. Linear, angular, surface and volumetric, and quantities of 1, 2, and/or 3 dimensional geometric forms are compared and/or calculated. The line, plane, and space are coordinated; and elementary methods of analytical geometry are introduced. Solid geometry is integrated with plane geometry throughout the course.

MATH 1240A & 1240B **INFORMAL HIGH SCHOOL ALGEBRA II** 10-12 1 Credit
(1 Hour/1 Year)

[Prerequisite: Informal High School Algebra I]

[Can be taken in conjunction with Geometry per teacher recommendation]

Informal High School Algebra II is a continuation of Informal High School Algebra I geared toward the college-bound student. The first semester includes discussion of properties of the real number system, graphing and solving linear equations, factoring, solving quadratic equations, and an introduction to roots, radicals, and complex numbers. The second semester includes properties of special curves (circles, parabola, hyperbola, ellipse), direct and inverse variation, logarithms, arithmetic/geometric sequences and series, statistics and probability, and an introduction to trigonometry. This course will cover the same material as High School Algebra II but at a slower pace with more time in class for homework. Students intending to pursue NCAA athletics are advised against enrolling in this course as it does not count for NCAA eligibility.

MATH 1242A & 1242B **HIGH SCHOOL ALGEBRA II** 10-12 1 Credit
(1 Hour/1 Year)

[Prerequisite: High School Algebra I]

[Can be taken in conjunction with Geometry per teacher recommendation]

High School Algebra II is a continuation of High School Algebra I geared toward the college-bound student. The first semester includes discussion of properties of the real number system, graphing and solving linear equations, factoring, solving quadratic equations, and an introduction to roots, radicals, and complex numbers. The second semester includes properties of special curves (circles, parabola, hyperbola, ellipse), direct and inverse variation, logarithms, arithmetic/geometric sequences and series, statistics and probability, and an introduction to trigonometry. (This course may be taken if at least a "C" average in High School Algebra and Geometry is maintained.)

MATH 1244A & 1244B **HONORS HIGH SCHOOL ALGEBRA II** 10 1 Credit
(1 Hour/1 Year)

[Prerequisite: Honors Geometry or instructor approval]

[Students in this class come directly from Honors Geometry. They are required to maintain a B- average PER SEMESTER and no more than 2 missing assignments PER SEMESTER.]

High School Algebra II is a continuation of High School Algebra I geared toward the college-bound student. The first semester includes discussion of properties of the real number system, graphing and solving linear equations, factoring, solving quadratic equations, and an introduction to roots, radicals, and complex numbers.

The second semester includes properties of special curves (circles, parabola, hyperbola, ellipse), direct and inverse variation, logarithms, arithmetic/geometric sequences and series, statistics and probability, and an introduction to trigonometry.

MATH 1250A & 1250B **HIGH SCHOOL TRIGONOMETRY** 11-12 1 Credit
(1 Hour/1 Year)

[Prerequisite: Informal HS Algebra II or HS Algebra II & 1 year of Geometry]

This is NOT a pre-calculus course. It is a continuation of Informal High School Algebra II or High School Algebra II for those students who want another math course. It is a course that should be considered for any student who plans to continue their education beyond high school, either at a college or vocational school. Some of the topics include trigonometric functions, complex numbers, and vectors with a strong emphasis on problem solving.

MATH 1252 **COLLEGE TRIGONOMETRY** 11-12 1 Credit
MATH 1254 **COLLEGE ALGEBRA** (1 Hour/1 Year)

[Prerequisite: High School Algebra II]

(MATH 1547) (MATH 1521) **Those taking this sequence for college credit will receive 1.5 math credits.**

These courses are considered necessary for any student who plans to take calculus in college. All engineering, mathematics, and science-based majors, along with most medical related fields and advanced accounting fields require calculus to some extent. Completion of this course with good grades and strong study habits should be adequate preparation to take calculus in college. The course "High School Trig" is not designed as a prerequisite for calculus.

(This course may be taken if at least a "C" average in High School Algebra II is maintained.)

NOTE: Register for both classes to receive college credit.

NOTE: See CIS enrollment information





MATH 1256A & 1258B

CALCULUS I

12 1 Credit

(1 Hour/1 Year)

(5 college credits)

[Prerequisite: College Trigonometry & College Algebra]

(MATH 1561)

This course examines limits, continuity, fundamentals of differentiation and integration of functions of one variable and applications of differentiation and integration.

(This course may be taken for high school credit if at least a "C" average in College Trigonometry & College Algebra is maintained.) NOTE: Register for both classes to receive college credit which is earned in the 2nd semester of the course.

NOTE: See CIS enrollment information

MATH 1262

ACCOUNTING I

10-12 1 Credit

(1 Hour/1 Semester)

This course covers a broad range of accounting principles. Instruction encompasses special journals, posting, trial balancing, work sheets, financial statements, adjustments, and closing ledgers. Accounting I provides an overview of manual accounting systems for sole proprietorships and corporations as well as an introduction to computerized accounting utilizing Vital Source and the eBook platform. This course is highly recommended for students exploring business occupations or pursuing accounting and business majors at the college level.



MATH 1263

ACCOUNTING II

10-12 1 Credit

(1 Hour/1 Semester)

Accounting II is a continuation of Accounting I. This course covers a broad range of accounting principles. Instruction encompasses special journals, posting, trial balancing, work sheets, financial statements, adjustments, and closing ledgers. Accounting II provides an overview of manual accounting systems for sole proprietorships and corporations as well as an introduction to computerized accounting utilizing Vital Source and the eBook platform. This course is highly recommended for students exploring business occupations or pursuing accounting and business majors at the college level.

MATH 1264A & 1264B

TECHNICAL MATH

12 1 Credit

(GEDM 1165)

(1 Hour/1Year)

Mathematics for the Trades provides practical mathematical skills needed in a variety of occupations (carpentry, plumbing, electrical, construction, masonry, machinist, HVAC, allied health, landscaping, and many more). This course assists students by providing a direct practical approach that emphasizes careful complete explanation and actual on-the-job applications. Special attention is given to math skills required for successful field work by using a wide variety of real problems and situations. Many applications used are parallel with those that appear on professional and apprenticeship exams.

NOTE: See ALI enrollment information.

MATH 1270A & 1270B

SENIOR HIGH MATH TOPICS

12 1 Credit

(1 Hour/1Year)

This course will help you review and learn important concepts and skills related to high school mathematics. the course will include a wide variety of algebraic, geometric and trigonometric topics that will help students increase their skills in preparation for future post-secondary entrance exams.

Students in Grades 11 may be allowed to register with special administrative approval.

MODERN LANGUAGE COURSES

LNG 1902A & 1902B

HIGH SCHOOL SPANISH I

9-12 1 Credit
(1 Hour/1 Year)

High School Spanish I is an introduction to the essentials of the Spanish language and culture. Through the use of comprehensible language and an array of meaningful activities, the student will be given the opportunity to experience not only the Spanish language but also its rich culture.

Students will be provided with a maximum of immediately useful language skills.

Consider registering for Spanish I as a freshman, so that you can complete four years of the language during your high school career. Spanish IV will be offered to seniors as an AP course in the future where you can receive college credit dependent on enrollment numbers.

LNG 1904A & 1904B

HIGH SCHOOL SPANISH II

10-12 1 Credit
(1 Hour/1 Year)

[Prerequisite: High School Spanish I]

In High School Spanish II students will review concepts of grammar and culture learned in High School Spanish I with a progressive development of listening, reading, writing and conversational skills.

LNG 1908A & 1908B

HIGH SCHOOL SPANISH III

11-12 1 Credit
(1 Hour/1 Year)

[Prerequisite: Spanish I&II]

Beginning Spanish III is a continuation of High School Spanish II with further development of listening, speaking, reading, and writing skills. College Beginning Spanish II will only be offered if a sufficient number of students select this course as a first choice during the registration process.

LNG 1910A & 1910B

GERMAN I

9-12 1 Credit
(1 Hour/1 Year)

High School German I is an introduction to the German language and culture. Students will acquire the German language using comprehensible language in class discussions, stories, and cultural explorations. Students will start by developing listening and reading skills that will lead into speaking and writing skills, all the while learning about the fascinating Germanic culture. Topics include survival needs, family, school, the house as well as fascinating cultural information about the German speaking world. Students will also have the opportunity to participate in a three-week exchange to Germany every other year.

Consider registering for German I as a freshman, so that you can complete four years of the language during your high school career. German IV will be offered to seniors as an AP course in the future where you can receive college credit dependent on enrollment numbers.

LNG 1912A & 1912B

GERMAN II

10-12 1 Credit
(1 Hour/1 Year)

[Prerequisite: German I]

Continue to develop your German communications skills as you learn more extensive vocabulary and grammatical concepts. Students will also have the opportunity to participate in a three-week exchange to Germany every other year.

LNG 1914A & 1914B

GERMAN III

11-12 1 Credit
(1 Hour/1 Year)

[Prerequisite: German II]

German III is a continuation of High School German II with further development of listening, speaking, reading, and writing skills. Students will also have the opportunity to participate in a three-week exchange to Germany every other year.

LNG 1920A & 1920B

OJIBWE I

9-12 1 Credit
(1 Hour/1 Year)

This class will be received via an electronic Telepresence course and use an online platform of learning in addition to direct instruction received via television capabilities.

Instructor: Shelly Ceglar

Sending District: Mt. Iron-Buhl

Beginning Ojibwe I utilizes real time classroom instruction via telepresence or online connectivity. Curriculum emphasis is on speaking, understanding, reading and writing of the language building on grammar patterns and TPR (acting/total physical response). It is based on ACTFL.org/MN standards of world language teaching. The Double Vowel system of writing/orthography is used. The student will utilize classroom lessons and interactive online educational tools/apps to practice, create and voice language lessons (Quizlet, Skype, Voki, YouTube, Google Tools, etc). Regional study of Native history and contemporary events and cultural practices in the Lake Superior's Circle of Seasons are included. Artistic design and community outreach as it relates to functional daily living and language is also explored in the second year.

LNG 1921A & 1921B

OJIBWE II

10-12 1 Credit
(1 Hour/1 Year)

This class will be received via an electronic Telepresence course and use an online platform of learning in addition to direct instruction received via television capabilities.

Instructor: Shelly Ceglar

Sending District: Mt. Iron-Buhl

[Prerequisites: Ojibwe I]

Ojibwe II utilizes classroom instruction via telepresence or online connectivity. Curriculum emphasis is on building novice to intermediate speaking, understanding, reading and writing of the language; building on grammar patterns and TPR (acting/total physical response). It is based on ACTFL.org/MN standards of world language acquisition. The student will utilize lessons and interactive tools/apps to practice, create and voice language lessons (Quizlet, Skype, Voki, Audacity, YouTube, Google Tools, etc). Topics such as grammar patterns for four (4) verb types and inanimate and animate beings expand on year one. Woodland design, games, community outreach, storytelling and cultural topics as they relates to contemporary daily living and language are included.



LNG 1930

WORLD CULTURE

9-12 1 Credit
(1 Hour/1 Semester)

This class will be received via an electronic Telepresence course and use an online platform of learning in addition to direct instruction received via television capabilities.

Instructor: TBA

Sending District: Hill City

Designed to introduce students to two or more languages in a single course of study, courses in this classification provide students with general information about the spoken and written languages and introduce the relationships among the products, practices, and perspectives of the associated cultures. Students are advised that this course **does not count** as a language credit toward NCAA eligibility.

MUSIC COURSES

MUS 2034A & 2034B

BEL CANTO

9-12 1 Credit
(1 Hour/1Year)

(Intermediate SSAA choir)

Bel Canto is a non-auditioned choir open to all SOPRANO/ALTO SINGERS in grades 9-12. The course will focus on the enjoyment of singing, exposure to the many styles of choral music, and the development of the skills necessary for an excellent choral performance. Bel Canto performs in three major concerts each year, the MSHSL Large Group Contest, and travels every four years. The choir may also participate in field trips, community performances, and festivals. This choir is a year long course; students must sign up for both semesters.

MUS 2036A & 2036B

KANTOREI

9-12 1 Credit
(1 Hour/1Year)

Kantorei is a non-auditioned choir open to all TENOR/BASS SINGERS in grades 9-12. The course will focus on the enjoyment of singing, exposure to the many styles of choral music, and the development of the skills necessary for an excellent choral performance. Kantorei performs in three major concerts each year, the MSHSL Large Group Contest, and travels every four years. The choir may also participate in field trips, community performances, and festivals. This choir is a year long course; students must sign up for both semesters.

MUS 2032A & 2032B

A CAPPELLA CHOIR

10-12 1 Credit
(1 Hour/1Year)

A Cappella Choir (advanced mixed choir, grades 10-12)

{Acceptance by audition only, see Mr. Krage}

The Virginia High School A Cappella Choir is the flagship ensemble of the Virginia Choral Department and is open to all singers in grades 10-12. Membership in this choir is obtained through audition only. The A Cappella Choir is designed to fulfill the needs of those students who desire a strong background in choral singing. The choir performs all styles of choral literature from the renaissance through the contemporary periods, and a high level of commitment is expected. Emphasis is placed on solo and ensemble singing. The choir performs in three major concerts throughout the year, performs in the MSHSL music contests, participates in music festivals and community performances, and travels every two years. This choir is a year long course; students must sign up for both semesters.

MUS 2043A & 2043B

CONCERT BAND

9 1 Credit
(1 Hour/1Year)

Concert Band is an elective music course and performing ensemble, which meets daily and emphasizes the basic fundamentals of playing a band instrument. Students will engage in fundamental method book practice throughout band classes to elaborate on the knowledge and skills learned through previous band classes. They will also have the opportunity to practice and perform a variety of exciting and fun music that will build on the fundamentals learned in class. Students are required to attend scheduled band events throughout the year as a part of this course, which includes concerts, pep band events, and marching band performances. Grading in this course will be based on each student's progress in fundamental learning as well as their active participation and attendance at the band's scheduled events.

MUS 2041A & 2041B

SYMPHONIC BAND

10-12 1 Credit
(1 Hour/1Year)

Symphonic Band is an elective music course and performing ensemble, which meets daily and emphasizes the basic fundamentals of playing a band instrument. Students will engage in fundamental method book practice throughout band classes to elaborate on the knowledge and skills learned through previous band classes. They will also have the opportunity to practice and perform a variety of exciting and fun music that will build on the fundamentals learned in class. Students are required to attend scheduled band events throughout the year as a part of this course, which includes concerts, pep band events, and marching band performances. Grading in this course will be based on each student's progress in fundamental learning as well as their active participation and attendance at the band's scheduled events.

Senior High Orchestra meets on a daily basis all year. Students are required to participate in three concerts per year in addition to one recital, MSHSL large group, solo/ensemble music contests, and the graduation ceremony. Students are also required to perform for various community functions. Students at this level receive lessons only if they have a study hall. If a student does not have a study hall, they are encouraged to study privately. Interpretation and analysis are taught through the study of basic music theory and music history. Students are expected to practice daily at home.

PHYSICAL EDUCATION COURSES

PHYED 2120A & 2120B 9TH GRADE PHY ED & HEALTH

9 1 Credit
(1 Hour/1 Year)

(Required)

Ninth grade students are required to take this year-long course. This course has Physical Education and Health Education presented simultaneously. Both focus on our students' mental, emotional and physical well-being. This course follows the MN State Standards for Physical Education and Health. This course includes many student centered activities for learning. A few units include swimming, fitness testing, racquet sports, team sports, weight training, team building, drugs and alcohol, mental/emotional health strategies, sexual education, goal setting, technology use, communication and decision making strategies. Physical Education clothing and tennis shoes will be required when in the gym setting. iPads will be used in both the gym and classroom settings.

PHYED 2132

TEAM SPORTS

10-12 ½ Credit
(1 Hour/1 Semester)

[Prerequisite: 9th Grade Phy Ed & Health]

Class emphasis is on gaining a basic knowledge of team sports. Students will learn a variety of rules, fundamentals and strategies used in team sports. Team sports include, but are not limited to, team handball/speedball, volleyball, lacrosse, softball, ultimate Frisbee, soccer, basketball, football and floor hockey. Safety, teamwork and sportsmanship will be emphasized.

PHYED 2134

INDIVIDUAL SPORTS/RACQUET SPORTS

10-12 ½ Credit
(1 Hour/1 Semester)

[Prerequisite: 9th Grade Phy Ed & Health]

Class emphasis is on gaining a basic knowledge of individual sports, fitness and lifetime activities. Sports and activities may include, but are not limited to, badminton, pickle ball, mushball, speedminton, spikeball, golf, archery, bowling, tennis, walking/jogging, table tennis, disc golf, bean bags, bocce ball and individual fitness plans. Students will progressively learn the skills and game strategies for each sport. These sports/activities have been chosen to encourage students to participate in physical activity for life and to promote good health and wellness. Once a semester, students will go bowling. This bowling activity may require a fee which the student will be responsible to pay.

PHYED 2136

SHAPE-UP FITNESS

10-12 ½ Credit
(1 Hour/1 Semester)

[Prerequisite: 9th Grade Phy Ed & Health]

Shape-Up Fitness is a semester class geared toward female students grades 10-12, although all students are welcome. This class will encourage individual goals in developing muscular strength/toning, cardiovascular endurance and flexibility through a variety of activities such as yoga, pilates, zumba, kickboxing, weight lifting, high intensity training, other cardiovascular activities and team/individual games.

PHYED 2133

HEALTH STUDIES

10-12 1/2 Credit
(1 Hour/1 Semester)

The goal of this course is to help young people make healthy decisions throughout their lifetime that will assist them in achieving a balance of physical, mental, and emotional health. The course involves the study of the prevention and control of disease, environmental health, consumer health, nutrition, mental health, stress management, and the prevention of the abuse of alcohol and other drugs.

PHYED 2130

WEIGHT LIFTING/ PERSONAL FITNESS

10-12 ½ Credit
(1 Hour/1 Semester)

[Prerequisite: 9th Grade Phy Ed & Health]

Weight Lifting / Personal Fitness is a semester class for 10-12 grade students. Students will have an opportunity to work on a number of different categories of fitness including: muscular strength, cardiovascular endurance, flexibility and much more. There will be a number of different programs for students to use as training tools depending on their experience and level of comfort in the weight room. Students of all levels of fitness are welcome to register for this class. Workout programs for 1st quarter of the semester will be a choice based upon the options that are available from the teacher and what the student's goals are. Programs can be more strength-based or more cardio-based but should include both aspects. Workout programs for the 2nd quarter of the semester will be of choice to the student based on their research. Students may research a program to use but must have it approved by the teacher. If they choose, they may still pick one of the options from the previous quarter.

SCIENCE COURSES

Students must take one year of either Physics or Chemistry. The 9th Grade Intro to Physics course meets this requirement, but all students should check their transcripts to see if they took Physical Science or Intro to Physics as Physical Science DOES NOT meet the state requirement and they will need to take Physics or Chemistry as an 11th or 12th grade student. See your counselor for help, if needed.

SCI 1320A & 1320B **INTRO TO PHYSICS** 9 1 Credit
(Required unless taking Honors) (1 Hour/1 Year)

Introduction to Physics is a full-year course that investigates the fundamentals of Physics, Chemistry, Astronomy, and Earth Science. Math skills will be called upon as force, motion, and energy are investigated. Students will discuss how these are formed and the features that characterize them. The class also incorporates topics concerning the physical processes on earth, and the motions, characteristics, and forces in space. Included in the course will be various types of labs, demonstrations, and dissections.

SCI 1342A & 1342B **HONORS PHYSICS AND CHEMISTRY** 9 1 Credit
(1 Hour/1 Year)

Pre-AP Physics and Chemistry is a course designed for students who are interested in taking AP Biology, CIS Chemistry, Physics, and/or Anatomy as 11th or 12th graders. One of the main goals of this class is to offer opportunities for students to develop the critical thinking and problem solving skills necessary to succeed in advanced sciences. Students will also learn reading, writing, studying, and test taking strategies. This is a rigorous course that will require some independent learning and work outside of class. This course meets the Minnesota physics/chemistry graduation requirement.

SCI 1344 **ASTRONOMY** 9-12 ½ Credit
(1 Hour/1 Semester)

Astronomy is one of the oldest sciences and one of the most modern. Tens of thousands of years ago, humans used the positions of the stars to determine when to move from one location to the next to find food. Today we are using very sophisticated tools to look further into space and further into the past. Topics in this course will include, but will not be limited to, the following: The History of Astronomy, The Solar System, Stars and Galaxies, Cosmology, and The Space Program.

SCI 1346 **ECOLOGY** 9-12 ½ Credit
(1 Hour/1 Semester)

Ecology explores the interactions taking place between Earth's organisms and their environment. We will study the general principles of ecology, natural selection, population and community ecology, biodiversity, and sustainability. Lab experiences will correspond to the unit topics. Taken with Zoology this will fulfill one year of required science credit.

SCI 1348 **ZOOLOGY** 9-12 ½ Credit
(1 Hour/1 Semester)

Zoology is the study of animal life. We will study the general principles of zoology including animal anatomy, reproduction, genetics, habitats and distributions, as well as animal behavior. Outreach with local farmers will be utilized in this course. Taken with Ecology this will fulfill one year of required science credit.

SCI 1322A & 1322B **BIOLOGY** 10-12 1 Credit
(Required unless taking AP) (1 Hour/1 Year)

Principles of Biology is designed to give the student an introduction to the methods of science, and the beginning chemistry needed for an understanding of biology, principles of cellular biology, genetics, and an overview of organisms making up the five kingdoms and the life processes of these organisms. Included in the course will be various types of labs, demonstrations and dissections.

Advanced Placement Biology (A.P. Biology) is designed to be the equivalent of a college introductory biology course. This course differs significantly from the usual first-year course with respect to the textbook which is used, the range and depth of topics covered, the kind of laboratory work performed, and the time and effort required by the student. Three general areas will be covered: molecules and cells, genetics and evolution, organisms and populations.

SCI 1326A & 1326B**ENVIRONMENTAL SCIENCE**9-12 1 Credit
(1 Hour/1 Year)

Environmental Science is a year-long course designed to show thematic connections between a variety of science disciplines including biology, chemistry, and physics. It gives students a coherent and realistic picture of the applications of a variety of scientific concepts as they manifest in our environment. Topics studied throughout the course of the year include: Earth's environmental systems, human population, environmental health, urbanization, forestry and resource management, soil and agriculture, mineral resources and mining, water resources, the atmosphere, global climate change, nonrenewable and renewable energy, and waste management. and their impact on the environment, Earth's resources, climate change, energy, and waste management. The goal of this course is to increase students' knowledge of the environmental challenges of today, while continuing to cultivate scientific critical thinking skills.

SCI 1328A & 1328B**HIGH SCHOOL CHEMISTRY**11-12 1 Credit
(1 Hour/1 Year)

This course covers the basic principles of chemistry from a conceptual and practical viewpoint. Topics generally include organization of matter, language of chemistry, phases of matter, solutions and their behavior, acids and bases, chemical reactions, and organic chemistry. This course is designed as a survey of chemistry for students interested in an exposure to the content of the science of chemistry and an introduction to laboratory science classes.

**SCI 1330A & 1330B****FUND OF COLLEGE CHEMISTRY**11-12 1 Credit
(1 Hour/1 Year)

(CHEM 1511)

(4 college credits)

This course covers the basic principles of chemistry from a conceptual and practical viewpoint with an emphasis on problem solving. Topics generally include organization of matter, language of chemistry, phases of matter, solutions and their behavior, acids and bases, chemical reactions, and organic chemistry. This course is designed as a survey of chemistry for students interested in an exposure to the content of the science of chemistry and an introduction to laboratory science classes. This course is designed for students who are preparing for a career in science; examples of these careers include engineering, medicine, and forestry. This course is intended to fulfill general education (natural science), Minnesota Transfer Curriculum (MNTC), requirements. Students enrolled in this course for concurrent enrollment will earn 4 college credits upon completion. NOTE: See CIS enrollment information.

**SCI 1332A & 1332B****HUMAN ANATOMY**11-12 1 Credit
(1 Hour/1 Year)

[Prerequisite: Biology or AP Biology]

(BIOL 2551)

(4 college credits)

Human Anatomy is now a project based course! It is a higher-level life science elective course for students in grades 11 & 12. Major elements of the course include an in depth study of human systems based on student chosen and directed projects/research. Lab experiences vary, but include dissections, blood typing, microscope usage, and anatomical study. This is an excellent course for those students who are considering a medical field in the future.

NOTE: See CIS enrollment information



(PHYS 1555)

This course covers the basic principles of physics from a conceptual and practical viewpoint, with an emphasis on algebraic problem solving. Topics generally include motion, forces, energy, waves and sound, fluids, heat, electricity and magnetism, and light. Modern physics (quantum mechanics, black holes, particle accelerators, astrophysics) will also be addressed throughout the year. Students will have the opportunity teach a physics lesson to an elementary school classroom as a final exam requirement each semester, and will attend ValleyFair's Science and Physics Days in Shakopee, MN in the spring as part of their year-end-project. The course is a survey of physics for students interested in an exposure to the subject of physics and an introduction to laboratory science classes. This course is designed for "science major" students who are preparing for a career in Science, Technology, Engineering, or Math (STEM); examples of STEM careers include engineering, medicine, architecture, computers, and forestry. NOTE: See CIS enrollment information

SOCIAL STUDIES COURSES

SOC 1420 **GEOGRAPHY 9** 9 ½ Credit
(Required) (1 Hour/1 Semester)

This class will emphasize the use of geospatial skills, human systems, and human environmental interaction. A considerable amount of class time will focus on the cultural aspect of geography, the study of human-to-human interaction, as well as human interaction with the environment.

SOC 1422 **ECONOMICS 9** 9 ½ Credit
(Required) (1 Hour/1 Semester)

This is an introductory course in business and economics. The students will be exposed to many different areas of finance and business. Students will learn about checking accounts, saving for the future, basic insurance needs, consumer credit, and simple economic systems. They will also be given current information regarding careers and professional development. Each student will leave with an understanding of how to manage, budget, and use their future incomes to help make them successful.

SOC 1430A & 1430B **WORLD HISTORY 10** 10 1 Credit
(Required) (1 Hour/1 Year)

World History is a year-long required course that explores the key events and global historical developments that have shaped the world we live in today. The scope of World History 10 covers a wide range of topics across all aspects of the human experience: economics, science, religion, philosophy, politics & law, military conflict, literature & the arts. This course will illuminate connections between our lives and those of our ancestors around the world. Students will use their iPads and skills of historical and geographical analysis to broaden their horizons and expand their worldly knowledge.

SOC 1468 **MINNESOTA HERITAGE** 10-12 ½ Credit
(1 Hour/1 Semester)

This course will cover all things Minnesota. Topics will include early native cultures, current culture, and everything in-between. Learn about Minnesota in a variety of ways and discover the rich history of our great state. This class will prepare you to experience Minnesota to the fullest. Newbies to diehards welcome.

See More Here: https://drive.google.com/open?id=1PAeA--e61tDK_Y95Wu9bBY-GNS_VtLeg

SOC 1440A & 1440B **US HISTORY 11** 11 1 Credit
(Required Unless Taking CIS American History I & II) (1 Hour/1 Year)

United States History is a survey course covering social, economic, and political development of the United States from Exploration and the Colonial Era to the present. Special emphasis will be given to the Civil War and Reconstruction, Industrialization, Reform Movements, Foreign Policy, World War I & II, The Great Depression, Civil Rights, and the current issues of the day. The course will also include the completion of a History Day Project.

SOC 1460 **AMERICAN HISTORY I** 11 ½ Credit
SOC 1462 **AMERICAN HISTORY II** 11 ½ Credit
(HIST 1565 & 1566) (1 Hour/1 Year)

Those taking these courses for college credit will receive 2 high school credits. (8 college credits)

American History I & II may be taken in place of the traditional 11th grade United States History course.

American History I & II may be taken by seniors as an elective credit.

American History I & II is a concurrent enrollment course that will focus on the in-depth study, analysis and discussion of the major personalities, events, and ideas from Reconstruction to the present. A variety of source materials will be used. These include the text, lectures, primary sources, videos, pamphlets, and research. Students will also be required to complete 4 research projects during the year.

NOTE: See CIS enrollment information.



SOC 1472**SOCIOLOGY**11-12 ½ Credit
(1 Hour/1 Semester)

This course is a survey of characteristics of human group life with emphasis on the structure of the social environment and its influence upon the individual. We will examine the characteristics of human groups and factors associated with development of human groups along with social environments, structure of social environments, and their influences upon an individual's behavior.

SOC 1471**A.P. PSYCHOLOGY**11-12 ½ Credit
(1 Hour/1 Semester)

This course offers students an engaging introduction to the essential topics in psychology. Throughout this study of human behavior and the mind, you will gain insight into the history of the field of psychology, as well as explore current theories and issues in areas of cognition, motivation, memory, personality, wellness, and abnormal and social psychology.

SOC 1450**GOVERNMENT 12**12 ½ Credit
(1 Hour/1 Semester)**(Required Unless Taking AP Gov't)**

Government 12 will provide students with a solid background in American Government. During the semester, the focus will be on developing student skills and knowledge in the area of American citizenship. Constitutional principles, individual rights and responsibilities, and formal and informal political structures will be investigated. A second component to Government 12 will be current events that compliment the study of American government. Throughout the year, a continual study of videotaped and printed current events is maintained with a strong emphasis on U.S. and Minnesota affairs to illustrate the federal and state governments at work.

SOC 1465**UNITED STATES GOVERNMENT & POLITICS**12 ½ Credit
(1 Hour/1 Semester)

This course gives students a perspective on government and politics in the United States. It includes both the study of general concepts used to interpret US Government and Politics and the analysis of specific examples. Students will gain familiarity with the various institutions, groups, beliefs, and ideas that constitute US Government and politics.

SOC 1452**ECONOMICS 12**12 ½ Credit
(1 Hour/1 Semester)**(Required Unless Taking AP Economics)**

This is a basic economics class where students will be exposed to economic principles and theory. They will gain an understanding of the current economic systems, practices, principles, and theory which apply to the U.S. and foreign economies. Students will be exposed to the different types of economic and business systems that contribute to our economy. Students will also gain an understanding of microeconomics and consumer economics. All students will gain valuable information that will benefit them financially and economically in the next stage of their life.

SOC 1467**A.P. ECONOMICS**12 ½ Credit
(1 Hour/1 Semester)

AP Economics will be an advanced economics class for seniors wishing to take an in depth look at the world of economics. This will be a class that will focus on macro and micro economic concepts and give the students a chance to see how the study of economics relates to the United States and the World. Students will explore different economic systems and models and be able to use this class to enhance their understanding of all business related topics and principles. This class will be the equivalent of a college level class and should only be taken by serious students with an interest in the world of business and economics.

SPEECH COURSES

SPCH 2200

SPEECH

10-12 ½ Credit
(1 Hour/1 Semester)

(Required)

This course focuses primarily on the fundamentals of effective communication, as well as skills in speaking, listening, and media literacy. Students will have the opportunity to develop and strengthen skills in preparing and presenting oral presentations in a variety of situations. They will learn how to research, outline, and deliver short, informal presentations, as well as sharpen skills in critical listening and evaluating. This course aims to provide students with a basic background in the theories and principles of public speaking, as well as practical experience with the basic types of speeches.

CAREER EXPLORATION

CE 1024A & 1024B

Intro to Administrative Careers/Office Aide

11-12 ½ Credit
(1 Hour/1 Year)

[Prerequisite: Min GPA of 2.5, including no grade less than C for prior year]

Students will also earn service-learning credit for this course.

[This course will receive a Pass/Fail Grade and will not be included in GPA or Class Ranking](#)

Intro to Administrative Careers is designed to give students experience in office management and administration. Students will provide support for all High School Administrative Staff and Secretaries. Students will be supported in developing administrative skills required in the workforce today. These skills include but are not limited to:

- Proficient in writing and handling business correspondence
- Solid knowhow of general office procedures
- Demonstrated ability to work independently and as part of a team
- Excellent organizational skills
- Expert in handling office equipment including copiers and fax machines
- Internet savvy with a proven expertise in a variety of software applications
- Excellent customer service orientation
- Exceptional attention to detail with proven interpersonal skills
- Demonstrated ability to remain self motivated at all times
- Able to manage stress timely and effectively

Enrollment in this course is subject to supervisor discretion and may be based on need, ability, behaviors, attendance or other administrative determination.

**Recommendations and applications will be required prior to beginning the assignment.
Mrs. Perkovich will provide the application to all those registering for the course.
Students can register for one or two semesters.**

CE 1018A & 1018B

Peer Tutoring/Mentoring

11-12 ½ Credit
(1 Hour/1 Year)

[Prerequisite: Min GPA of 2.5, including no grade less than C for prior year]

[This course will receive a Pass/Fail Grade and will not be included in GPA or Class Ranking](#)

Mentors are typically assigned a student or group of students who have difficulty with their academics. Mentors assist such student(s) in the classroom by guiding their note taking, re-teaching or reviewing concepts, prompting students to pay attention, facilitating group work, and reporting behaviors.

Students enrolled in this course will be expected to provide guidance/assistance to specific designated classrooms or students at Roosevelt Elementary in grades 3-6 or Virginia High School 7-12 who need help to develop the work habits or study skills necessary to succeed in class. Students interested in exploring any type of career in human services, including teaching, are encouraged to register for this course. Students will be required to maintain a daily journal, complete a written paper, and complete other activities to show personal growth as a peer tutor/mentor. Enrollment in this course is subject to supervisor discretion and may be based on need, ability, behaviors, attendance or other administrative determination.

**Recommendations and applications will be required prior to beginning the assignment.
Mrs. Perkovich will provide the application to all those registering for the course.
Students can register for one or two semesters.**

VSTS 2310A & 2310B

VSTS I -Technology in Society

9-12 1 Credit

Prerequisite: Application Approval and Teacher Recommendation

(1 Hour/1 Year)

VIRGINIA STUDENT TECHNICAL SUPPORT I is designed to give students experience in the operation and utilization of 21st century technology in education. Students will learn how to trouble shoot issues that arise with utilizing technology in the classroom. Students will also gain experience in the operation and creation of digital products through the use of video, sound and web design. Students will be expected to collaborate with teachers and other students about utilizing the technology available in our school district. Students will also earn service learning credit for this course.

VSTS 2312A & 2312B

VSTS II -Technology in Society II

9-12 1 Credit

Prerequisite: Students must have completed VSTS I

(1 Hour/1 Year)

VIRGINIA STUDENT TECHNICAL SUPPORT II is designed to give students management experience in the operation of a PreK-12 Education Technology Department. Students will take the lead as level 1 student technology support technicians in a school setting. They will manage issues that arise with utilizing technology in the workforce. Students in VSTS II will become team leaders to delegate technology tickets to VSTS I students. VSTS II students will help lead trainings and support for VSTS I students. Students will also gain experience in the operation and creation of digital products through the use of video, sound and web design. Students will be expected to collaborate with teachers and other students about utilizing the technology available in our school district. Students will also earn service-learning credit for this course.

SPECIAL EDUCATION COURSES

All Special Education students can take any of the electives offered within this course catalog.

This section includes other resource room based courses offered only to students that qualify.

Special services are provided to children (birth - 22) with the following handicapping conditions: Early Childhood Special Education, Autism Spectrum Disorders, Deaf-Blind, Emotional or Behavioral Disorders, Deaf and Hard of Hearing, Developmental Cognitive Disability, Other Health Disabilities, Physically Impaired, Severely Multiply Impaired, Specific Learning Disability, Speech or Language Impairments, Traumatic Brain Injury, Visual Impairment, Development Adaptive Physical Education.

The education program and services that each child requires is based on an assessment or evaluation. If the student meets the criteria for special education and is in need of special education services, a comprehensive Individual Educational Plan (IEP) or Individual Interagency Intervention Plan (IIIP) is then written which includes the results of the evaluation, student needs, goals and objectives set by the team, services to be provided, and times and frequency of progress reports.

SPECIAL EDUCATION RESOURCE ENGLISH COURSES

ENG 2562A & 2562B

FUNCTIONAL ENGLISH

IEP Determined

Functional English I is a course developed for high school students who are currently on an IEP. This class teaches skills in the following sub domains: alphabetic principle, concept of word, visual discrimination, phonics, structural analysis, vocabulary, sentence level comprehension, phonemic awareness, paragraph level comprehension and early numeracy. It includes concepts such as: taking information directly from the text, making inferences, summarizing key details, character development, plot, basic writing skills and interpretation of words in context. Case manager approval is required for students with a current IEP to register.

ENG 2564A & 2564B

INTERMEDIATE ENGLISH

IEP Determined

Intermediate English I is a course developed to bridge and support transitioning into the junior high and high school English classroom settings. Students selecting this course will be on an IEP and will need case manager approval. This class teaches the process and skills a student needs to become an independent learner when in the classroom setting. It includes concepts such as: Key Details, Themes, Characters, Point of View, Compare and Contrast, Drawing conclusions, Perceiving Relationships, Making Judgements, Predictions, Sequencing Logical Connections, Drawing Conclusions, reading in the content Areas, Vocabulary and Decoding, Research and Study Skills. Case manager approval is required for students with a current IEP to register.

ENG 1111A/1111B

RESOURCE ENGLISH I

IEP Determined

Resource English I is our level 1 English course developed for students who are currently on an Individualized Educational Plan (IEP). This course focuses on developing skills in the areas of reading, writing and speaking through various types of literature including short stories, novels and non fictions articles. Students will explore several genres and work to strengthen their reading skills, develop vocabulary and improve comprehension and identification of literary elements. Students will develop writing skills through creative writing, book reviews and journaling to make connections to literature and to reflect on personal experience. Case manager approval is required for students with a current IEP to register.

ENG 1112A/1112B

RESOURCE ENGLISH II

IEP Determined

Resource English II is our level 2 English course developed for students who are currently on an Individualized Educational Plan (IEP). This course concentrates on reading, writing, vocabulary, mechanics, usage and grammar. Special emphasis is placed on improving literacy through strong core of reading and writing practice. Students will take the state reading test in the spring. Case manager approval is required for students with a current IEP to register. Some students will take this in place of English 7/8 and some students will take this as a replacement for English 9/10.

ENG 1113A & 1113B**RESOURCE ENGLISH III**

IEP Determined

Resource English Sr High III is an English course developed for students who are currently on an Individualized Educational Plan (IEP). Case manager approval is required for students with a current IEP to register.

ENG 1114A & 1114B**RESOURCE ENGLISH SR HIGH IV**

IEP Determined

Resource English Sr High IV is an English course developed for students who are currently on an Individualized Educational Plan (IEP). Case manager approval is required for students with a current IEP to register.

ENG 1124A & 1124B**CO-TAUGHT ENGLISH 9**

IEP Determined

Co-Taught English 9 is a course that is taught by both a licensed English teacher and a licensed special education teacher. This course presents an integrated approach to the study of literature, language, writing, and vocabulary. A review of language structure, usage, and mechanics is provided as needed with special emphasis on the writing process and its application to various forms of composition: expository, persuasive, narrative, and descriptive. Literature study includes the short story, poetry, drama, non-fiction, an epic, and the novel. Vocabulary is in conjunction with literature selections.

ENG 1134A & 1134B**CO-TAUGHT ENGLISH 10**

IEP Determined

Co-Taught English 10 is a course that is taught by both a licensed English teacher and a licensed special education teacher. This course is designed to provide a background in the various literary forms. Using world literature, students will study poetry, drama, novel, short story, and essay. Vocabulary study is included as well as a review in usage and mechanics as needed. A strong emphasis is placed on composition. Case manager approval is required for students with a current IEP to register.

ENG 1136A & 1136B**ENGLISH LAB**

IEP Determined

English lab taken in conjunction with a Co-Taught English courses 9-12. English lab is designed to supplement co-taught courses. This course will include additional instruction on English Lessons, test corrections, review, test prep and working with peers to complete assignments. Case manager approval is required for students to register.

SPECIAL EDUCATION RESOURCE MATHEMATICS COURSES

MATH 2573A & 2573B**RESOURCE FUNCTIONAL MATH**

IEP Determined

Resource Functional Math I is a course developed for high school students who are currently on an IEP. This class teaches math skills and provides a foundation for the skills to be applied to solve real world problems. This class includes concepts such as: one to one correspondence, number recognition, skip counting, operations (+,-,x,/), understanding time, telling time, money, measurement, representing and comparing whole numbers, identifying and comparing decimals and fractions, operations (+,-,x,/), problem solving, collecting/ interrupting data, using patterns/tables/ graphs to solve problems, understanding equations using variable, describing geometric shapes, describing and classifying polygons, and describing and classifying 3 dimensional figures.. Case manager approval is required for students with a current IEP to register.

Typically, students in Functional Math either do not participate in the district STAR assessment and/or achieve below a 333.

MATH 2576A & 2576B**RESOURCE INTERMEDIATE MATH**

IEP Determined

Resource Intermediate Math II is a course developed for high school students who are currently on an IEP. This class teaches the process of math skills and provides a foundation for the skills to be applied to solve real world problems. This class includes concepts such as: reading and comparing integers, calculating operations using integers, recognizing relationships, using patterns/tables/graphs to solve problems, solve equations with variables, represent and use probabilities, calculating perimeter and area of 2 dimensional figures, understand change of scale, translations and reflections on 2 dimensional figures, and using appropriate units of measurements. Case manager approval is required for students with a current IEP to register.

Typically, students in Intermediate Math achieve between a 334-539 on the district STAR assessment.

MATH 1295A & 1295B**RESOURCE MATH I**

IEP Determined

Resource Math I is a course developed for students who are currently on an IEP. This class teaches math skills and provides a foundation for the skills to be applied to real world problems. This class includes concepts such as: representation of whole numbers, using addition, subtraction, multiplication and division to solve real world problems, comparing & ordering fractions with common denominators, identify parallel and perpendicular lines, calculating perimeter, collect and organize data, classifying angles, read and write decimals, interpret bar graphs, pictographs and tally charts. Case manager approval is required for students with a current IEP to register.

Typically, students in Resource Math 1 achieve between a 540-677 on the district STAR assessment.

MATH 1296A & 1296B**RESOURCE MATH II**

IEP Determined

Resource Math II is a course developed for students who are currently on an IEP. This class teaches math skills and provides a foundation for the skills to be applied to real world problems. This class includes concepts such as: Divides multi-digit numbers, add and subtract fractions and decimals, translate patterns and rules, apply commutative and associative properties, understand inequalities, classify for three-dimensional figures, create ratios and basic conversions among units within a measurement system. Case manager approval is required for students with a current IEP to register.

Typically, students in Resource Math 2 achieve between a 678-739 on the district STAR assessment.

MATH 1297A & 1297B**RESOURCE MATH III**

IEP Determined

Resource Math III is a course developed for students who are currently on an IEP. This class teaches math skills and provides a foundation for the skills to be applied to real world problems. This class includes concepts such as: Recognize rational numbers in various forms and convert between forms, compare positive and negative rational numbers, solve linear equations, calculate slope, find the equation of a line, use properties of algebra, use formulas to calculate area and circumference of circles, calculate probability, recognize a linear function, solve equations and inequalities using algebraic properties, factor polynomials and apply the Pythagorean Theorem to solve problems. Case manager approval is required for students with a current IEP to register.

Typically, students in Resource Math 3 achieve between a 740-775 on the district STAR assessment.

MATH 1226A & 1226B**CO-TAUGHT HS ALGEBRA I**

IEP Determined

Co-Taught High School Algebra I will include an algebraic introduction that builds upon the concepts taught in 8th Grade Algebra. Students will be working with real numbers, solving equations and problems, polynomials, factoring polynomials, algebraic fractions, applying fractions, introduction to functions, systems of linear equations, inequalities, rational and irrational numbers, and finally, quadratic functions.

Typically, students in Co Taught HS Algebra I achieve between a 717-911 on the district STAR assessment.

MATH 1241A & 1241B**CO-TAUGHT HS ALGEBRA II**

IEP Determined

Co-Taught High School Algebra II is a continuation of High School Algebra I geared toward the college-bound student. The first semester includes discussion of properties of the real number system, graphing and solving linear equations, factoring, solving quadratic equations, and an introduction to roots, radicals, and complex numbers. The second semester includes properties of special curves (circles, parabola, hyperbola, ellipse), direct and inverse variation, logarithms, arithmetic/geometric sequences and series, statistics and probability, and an introduction to trigonometry.

Typically, students in Co Taught HS Algebra II achieve between a 763-938 on the district STAR assessment.

MATH 1227A & 1227B**CO-TAUGHT GEOMETRY**

IEP Determined

In Co-Taught Geometry emphasis is placed on deduction, but significant roles of induction and intuition are also stressed. Linear, angular, surface and volumetric, and quantities of 1, 2, and/or 3 dimensional geometric forms are compared and/or calculated. The line, plane, and space are coordinated; and elementary methods of analytical geometry are introduced. Solid geometry is integrated with plane geometry throughout the course.

Typically, students in Co Taught Geometry achieve between a 740-921 on the district STAR assessment.

MATH 1248A & 1248B**MATH LAB**

IEP Determined

Math lab taken in conjunction with a Co-Taught Math courses 9-12. Math lab is designed to supplement co-taught courses. This course will include additional instruction on Math Lessons, test corrections, review, test prep and working with peers to complete assignments. Case manager approval is required for students to register.

STUDY SKILLS & TRANSITION COURSES

RES 2501A & 2501B

RESOURCE STUDY SKILLS

7-9 1 Credit
(1 Hour/1 Year)

This class uses relevant discussion based content. This class includes concepts such as: Mindsets and Goals, Values and Friendships, Thoughts, Emotions and Decisions, and Serious Peer Conflicts. Students taking this class will also receive support in study and organizational skills. Case manager approval is required for students with a current IEP to register.

RES 2555A

CAREER SEMINAR

IEP Determined

This course will have two main parts. In this course students will discuss career interest, education/training needs, the application processes for post secondary options as well as employment. Case manager approval is required for students with a current IEP to register.

This course is typically one semester in length and is the required pre-requisite to work experience courses.

RES 2556A

TRANSITION SEMINAR

9-11 ½ Credit
(1 Hour/1 Semester)

This course will look at the five areas of transition. This course focuses on personal management and will cover areas such as decision making, awareness of self, career exploration, overview of post secondary options, self advocacy. Case manager approval is required for students with a current IEP to register.

Internally we determined that this course is for LD, EBD, and OHI students primarily.

RES 2558A & RES 2558B

WORLD OF WORK

9-12
IEP Determined

Transition Skills is a course developed for high school students who are currently on an IEP. This class teaches students how to successfully navigate their post secondary options and independent living skills. This course will cover areas such as effective communication skills, understanding the world of work, self advocacy, maintaining a healthy life, recreation and leisure, independent living. Case manager approval is required for students with a current IEP to register. **Students do not take this and career seminar.**

Internally we determined that this course is for DCD students primarily.

RES 2456A & 2456B

WORK EXPERIENCE

IEP Determined

[Prerequisite/Co-Requisite: Career Seminar]

Work Experience 9-12 is a course developed for high school students who are currently on an IEP. This class will have the student experience what a job will be like as they transition out of High School. In this course students will learn the importance of appearance, good worker habits, communication skills, and other job related skills. Case manager approval is required for students with a current IEP to register.

RES 2557A & 2557B

POSTSECONDARY READINESS

12 1 Credit
(1 Hour/1 Year)

Post Secondary Readiness Readiness is a course developed for High School students in the 12th grade who are currently on an IEP. This class teaches students how to navigate through their post secondary options and prepare for post secondary options. This class provides instruction on the skills that are needed in real life situations regarding Post Secondary options. The class includes the following: job shadowing, college trips, applying to college and completing applications for supports.

RES 2458A & 2458B

RESOURCE ORGANIZATION & STUDY SKILLS

10-12 1 Credit
(1 Hour/1 Year)

Resource Organization and Study Skills is a course developed for high school students who are currently on an IEP. This class focuses on work related skills such as being responsible, being prepared, using time wisely, planning for tests, and using technology. This course provides students time to complete classroom assignments and creates a foundation for success in future classes. Case manager approval is required for students with a current IEP to register.

SPECIAL EDUCATION SCIENCE COURSES

SCI 1325A & 1325B **CO-TAUGHT INTRODUCTION TO PHYSICS** IEP Determined

Co-Taught Introduction to Physics is a full-year course that investigates the fundamentals of Physics, Chemistry, Astronomy, and Earth Science. Math skills will be called upon as force, motion, and energy are investigated. Students will discuss how these are formed and the features that characterize them. The class also incorporates topics concerning the physical processes on earth, and the motions, characteristics, and forces in space. Included in the course will be various types of labs, demonstrations, and dissections.

SCI 1390A & 1390B **SCIENCE LAB** IEP Determined

Science Lab is a Science course developed for students who are currently on an Individualized Educational Plan (IEP). Case manager approval is required for students with a current IEP to register. Some students will take this in addition to Science and some students will take this as a replacement for Science.

SPECIAL EDUCATION SOCIAL STUDIES COURSES

SOC 1433A & 1433B **CO-TAUGHT WORLD HISTORY** IEP Determined

Co-Taught World History is a year-long required course that explores the key events and global historical developments that have shaped the world we live in today. The scope of World History 10 covers a wide range of topics across all aspects of the human experience: economics, science, religion, philosophy, politics & law, military conflict, literature & the arts. This course will illuminate connections between our lives and those of our ancestors around the world. Students will use their iPads and skills of historical and geographical analysis to broaden their horizons and expand their worldly knowledge.

SPECIAL EDUCATION LIFE SKILLS COURSES

RES 2553A & 2553B **RESOURCE RECREATION & LEISURE** IEP Determined

This course focuses on teaching students how to choose appropriate recreation and leisure activities independently. The purpose is to help students identify activities that they enjoy doing, be able to locate them in the community, and participate in them independently. In addition to these activities, individual student personal cares may be attended to during these hours.

RES 2450A & 2450B **RESOURCE & LIFE SKILLS** IEP Determined

Resource Life Skills is a course focused on the daily living skills students need to gain to prepare for increased independence. Skills such as hygiene, basic cooking, laundry, and other life skills.

RES 2550A & 2550B **RESOURCE SOCIAL SKILLS** IEP Determined

This class builds upon prior social emotional skills and provides continued support for the skills to be applied to real world situations. This class uses relevant discussion based content. This class includes concepts such as: Mindsets and Goals, Values and Friendships, Thoughts, Emotions and Decisions, and Serious Peer Conflicts. Students taking this class will also receive support in study and organizational skills. Case manager approval is required for students with a current IEP to register.

SPECIAL CIRCUMSTANCES

Work Permits

Work permits may be available for students in grades 11-12 that are making satisfactory progress towards graduation and have an available study hall. Permission will be granted solely by the building principal.

Credit Recovery

Credit recovery opportunities are utilized for students that have taken a course, but did not earn credit for any reason including a failing grade or loss of credit due to extensive absenteeism. These opportunities are not available for students that are trying to replace a course or earn credits more quickly.

Students may be eligible for additional credit recovery opportunities after school or during the traditional school day through supplemental online programs. Students should see their counselor for support in making credits up. Generally, the following practices will be in place for most students.

Summer School

Students may be eligible for up to 1 credit (2 semester courses).*

Night School

Students may be eligible for up to 1 credit (2 semester courses).*

This is held at the Northland Learning Center.

OdysseyWare, MSC Online, and MnInfinity Online

Students may become eligible to utilize online options if summer school and night school options have been utilized and a student cannot fit the needed course into their traditional school schedule. Unnecessary electives may need to be dropped to fit a traditional course into a student's schedule.

If a student has failed a traditional course two different times, OdysseyWare may become available. Students in a credit recovery course will need to remain on campus when taking the class.

In rare and special circumstances, other options may be available by speaking with your school counselor.

