

Pillager Huskies



*"Home of
the Huskies"*

Senior High School Registration Guide 2012-2013

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Daily Schedule

Pillager Senior High School operates on a six period day. Courses run for approximately 60 minutes per day for one semester (18 weeks). There are two semesters each year. Some courses are two semesters in length. Every student is scheduled for six periods per day. There are no study halls for senior high students (grades 9-12). The school day begins at 8:25AM and ends at 3:14PM.

Pre-Registration Guidelines

1. Students will be asked to complete a course interest survey following an informational class meeting. In this survey, students will be asked to circle and list the various courses for which they would like to register in the upcoming year. Based on the student interest survey, a master schedule will be built for the upcoming year.
2. Using their registration books, students should review their required graduation credits when deciding on courses to circle and list on the survey. The Credit Inventory page is very helpful in this regard. If students or parents have questions about the credit requirements, it is suggested that the student make an appointment with the high school guidance counselor, Mrs. Turner, immediately.
3. Noting a course on the course interest survey does not necessarily mean that a specific course will be offered when it comes time to register to the master schedule. Because of this, students will be asked to identify several alternate courses in which they would be interested. Classes placed in the final schedule are determined by:
 - a. The number of students requesting the course.
 - b. The availability of an instructor for the course.
 - c. The availability of a room for the course.

Registration Guidelines

1. Students will register to the master schedule during April/May.
2. Students will be signing up for existing classes and will know what times of day the courses will be held. In order to maintain class sizes that are as reasonable as possible, sections will be closed when they are full. At that time, students will register for alternate classes. All seniors will be guaranteed placement in the courses that they need for graduation.

****All 9-10th grade students must register for 12 credits****

****Juniors and Seniors who have taken college courses or early bird classes may have less than 12 credits and still graduate on-time.**

3. **Repeating required courses.** Using their registration books, students should check every course that was required in prior years. If a student received an “F” in a required course, they need to register for that course the following year. Students who fail a required course late in the year should call or come in to visit with Mrs. Turner immediately upon learning of the failing grade. Students are responsible for ensuring that failed courses are rescheduled for the following year.
4. **Registering for upper level courses.** Freshman and sophomore students may petition to register for Junior or Senior level courses by first contacting their counselor. Mrs. Turner will review your request with the principal, who will have the final determination in either granting or denying your request. All such requests will be reviewed on a case-by-case basis.
5. **Final Scheduling**

Students are expected to take the courses they selected at registration time. Students may have few opportunities to “change their minds” after requests have been submitted, so it is important that they give serious consideration to their elective choices. Classes placed in the final schedule are determined by:

 - a. The number of students requesting the course.
 - b. The availability of an instructor for the course.
 - c. The availability of a room for the course.

6. **Teacher Requests**

A request to change teachers shall be limited in regard to the following conditions:

1. Teacher requests based on sibling or parent prior experiences are not considered in the teacher change process.
2. A student may have a special education need that may require a teacher/schedule change.
2. Any special or unusual requests to change teachers must be addressed with Mr. Doss, High school principal.

PLEASE NOTE: Requests to move to specific teachers cannot be honored. New placement is determined by the best scheduling option.

2. **Scheduling Changes**

Students will be allowed to change their schedule no later than the first *two days* of a term. Schedule changes due to change of mind are not allowed. Schedule changes must fit the following requirements:

1. Computer error.
2. Improper placement as determined by counselor, teacher, or principal.
3. Medical or physical restrictions.
4. A failed or missing prerequisite.

SELECTING ENRICHED OR COLLEGE LEVEL COURSES (CIS CLASSES)

Pillager High School offers enriched or college level courses in English, Social, Science, and Mathematics, Fine Arts, and Business. Students must meet certain criteria to enroll in college courses. The criteria have been established to help ensure that students have

the experience and the ability to succeed in these challenging courses. Please check in the course descriptions section for criteria for enrollment in college level courses. Students who enroll in college courses can expect to work at a college level pace and cover more complex material in greater depth than in the standard high school courses. Please be mindful, expectations in these classes are high. Grades earned by students in these classes become part of their permanent college academic record. Students who qualify to take these classes must be able to organize and manage their time, balance homework with extra-curricular activities and work, and initiate communication regularly with their teachers concerning make-up work. Because this is a college course, there will be higher expectations in academics and accountability for students that supersede rules and expectations listed in the high school student handbook. Another responsibility for students in a college-level course is to address any concerns related to grades or performance in the classroom. Please carefully consider this before registering for these classes. Students who register for college level courses but do not meet the criteria will be placed in regular courses.

POST-SECONDARY ENROLLMENT OPTIONS

Post-Secondary Enrollment Options (PSEO) allows high school juniors and seniors to take courses, full or part-time, at a post-secondary institution for high school and college credit. The program was designed to provide students with a greater variety of class offerings and the opportunity to pursue more challenging coursework than may be available at the high school. The tuition, fees, and required textbooks are at no cost to the students. Please be mindful, expectations in these classes are high. Grades earned by students in these classes become part of their permanent college academic record. Students who qualify to take these classes must be able to organize and manage their time, balance homework with extra-curricular activities and work, and initiate communication regularly with their teachers concerning make-up work. Because this is a college course, there will be higher expectations in academics and accountability for students that supersede rules and expectations listed in the high school student handbook. Another responsibility for students in a college-level course is to address any concerns related to grades or performance in the classroom. Please carefully consider this before registering for these classes. For more information on the PSEO program, see Mrs. Turner, your high school counselor.

ONLINE COLLEGE COURSES

Students also have the ability to register for online college courses offered through Lake Superior College and Central Lakes College. Junior and Senior students must meet the eligibility requirements to receive college credit online. Juniors must have a minimum cumulative GPA of 3.0. Seniors must have a minimum cumulative GPA of 2.5. All students must take the Accuplacer, a college entrance exam to identify where the student is at in areas of Math, English, and Writing. If students are interested, they may see Mrs. Turner for registration materials.

INFINITY ONLINE

Pillager School District is in collaboration with other local school districts to provide more class opportunities and flexibility to students. High school students grades 9-12 may be eligible to take an online class through Infinity. If students are interested, they can see Mrs. Turner for registration.



BRIDGES CAREER ACADEMIES

Pillager High School has coordinated with Bridges Career Academies & Workplace Connection to allow students to gain fundamental skills in the areas of Graphic Arts, Hospitality Management, Natural Resources, Landscape and Natural Design, Building Trades, Business, Pre-Health, and Applied Chemistry. Once students complete a series of courses in the designated areas, students will receive a certificate of completion from the Bridges Academy & Workforce Connection Center.

ACADEMY	COURSES	ACADEMY COMPLETION STANDARD
Graphic Arts Career Academy	Digital Photography	Students wishing to receive a certification for this academy must complete all courses and earn a "B" or better in each course.
	Desktop Publishing	
	Webpage Design	
Hospitality Management Career Academy	Hospitality Management and Internship	Students wishing to receive a certification for this academy must complete all courses and earn a "B" or better in each course.
	Introduction to Business	
	Accounting	
Natural Resources Career Academy	Forestry I, II	Students wishing to receive a certification for this academy must complete all courses and earn a "C" or better in each course.
	Environmental Science	
	Vertebrate Zoology	
Introduction to Landscape and Natural Design Career Academy	Forestry II	Students wishing to receive a certification for this academy must complete all courses and earn a "B" or better in each course.
	Studio Art	
	Digital Photography	
Building Trades	Construction Trades	Students wishing to receive a certification for this academy must complete all courses and earn a "C" or better in each course.
	Basic Electricity	
	Cabinet Making	
Business	Accounting	Students wishing to receive a certification for this academy must complete all courses and earn a "B" or better in each course.
	Intro to Business	
	Hospitality	
	Intro to Technology	
Pre-Health	Entrepreneurship	Students wishing to receive a certification for this academy must complete all courses and earn a "B" or better in each course.
	Human Biology	
	Biotechnology	
	Chemistry	
	Physics	
Applied Chemistry	Vertebrate Zoology	Students wishing to receive a certification for this academy must complete all courses and earn a "B" or better in each course.
	Biotechnology	
	Environmental Science	
	Forensics	
	Chemistry	

Pillager High School Graduation Requirements
Class of 2013, 2014, 2015, 2016

GRADES	GRADE 9	GRADE 10	GRADE 11 or GRADE 12	
ENGLISH (6)	English 9 (2 credits)	English 10 (2 credits)	College Comp. I, College Comp. II OR 2 English credits of your choosing	
SOCIAL (6)	Civics (2 credits)	U.S. History (2 credits)	2 credits of Social of your choosing to be completed either your Junior or Senior year	
MATH (6)	Algebra I (2 credits)	Geometry (2 credits)	Algebra II *To be completed either your Junior or Senior year OR Consumer Math I (1) AND College Prep Math (1)	
SCIENCE (6)	Physical Science (2 credits)	General Biology (2 credits)	2 credits of Science of your choosing to be completed either your Junior or Senior year	
PHY ED/HEALTH (1)	Physical Education 9 and Health 9 (1 credit)			
CAREER (1)	Career Exploration (1 credit)			
COMPUTER (2)	2 credits of Computer or Business to be completed grades 9-12			
TOTAL CREDITS A STUDENT CAN EARN	12 credits	12 credits	12 credits	48 Credits
MINIMUM TOTAL TO GRADUATE				45Credits

Graduation-Required Assessments for Diploma (GRAD)

What is the MCA/GRAD?

The MCA-II/GRAD is a set of high school tests in reading, mathematics, and writing that all students entering 8th grade in 2005-2006 or later must pass to graduate from a public high school in Minnesota. GRAD component of the MCA-II has replaced the BST for these students.

What does GRAD mean?

The GRAD (Graduation-Required Assessments for Diploma) is a component of the 10th grade reading MCA-II and the 11th grade mathematics MCA-II. Students in these grades take the MCA IIs, and in the process are also taking the GRAD component. Students who are not proficient on these tests or who don't pass the GRAD component will take the GRAD component at a later date.

What's on the MCA/GRAD?

These tests measure proficiency on the Minnesota Academic Standards and other essential skills. The reading test requires students to read a variety of passages and answer multiple choice and constructed response questions. The mathematics test requires students to solve a variety of problems and answer multiple choice, gridded and constructed response questions. The GRAD retests will contain only multiple-choice questions.

Which students must take these tests?

The No Child Left Behind law (NCLB) requires all students to take the grade 10 reading MCA-II and the grade 11 mathematics MCA-II. The individuals with Disabilities Education Improvement Act (IDEA 04) requires all students with disabilities to participate in statewide assessments. For students with a disability, the IEP Team decides whether and how the student participates: 1) in the MCAs, with or without accommodations, 2) in the GRAD only retests, with or without accommodations and with or without an individual passing score, 3) takes the MDE Alternative Assessment for accountability and/or graduation. For further information on testing options for students with disabilities, please contact the student's IEP or 504 case manager.

What time of year do students take them?

The MCA/GRAD and Test of Written Composition are given during the same testing window that other state tests are given, usually the last two weeks in April and the first week in May.

How can students prepare for the tests?

The best way to prepare for these tests is to take English and Mathematics courses that address Minnesota's academic standards. Most schools will also make appropriate educational opportunities available to students who are at risk for not passing these tests. The director of testing will inform students about special preparation opportunities that are available at the high school.

How will the tests be scored?

The multiple choice and gridded response items in the Reading and Mathematics tests will be scored by computer, while the constructed response items are scored by trained scorers.

What does it take to pass the reading and math tests?

There are four proposed ways to pass:

- Have a proficient score on the MCA
- Have a passing score in the GRAD portion of the MCA
- Obtain a Pass Individual (IEP, 504, or ELL only)
- Demonstrate proficiency in other ways

What happens if a student does not pass?

Students who don't pass the reading or mathematics MCA-II/GRAD will have several future opportunities to take the GRAD component of the test. Students who don't pass the Test of Written Composition in grade 9 will be able to take the test during subsequent years, either during the regular testing window or during retest windows. The testing administrator is familiar with the options available to the Pillager district.

Students through the class of 2015 who do not pass the Mathematics GRAD are eligible to receive a high school diploma if they:

- Participate in the assessment until they pass the Mathematics GRAD **OR** participate in at least two GRAD retests, whichever comes first, **AND**
- Participate in district-prescribed academic remediation in Mathematics.

Students in the class of 2016 and beyond must pass all three MCA GRAD exams: Reading, Writing, and Mathematics.

EDUCATIONAL REQUIREMENTS BEYOND HIGH SCHOOL

It is important for students to register for high school classes that will satisfy the entrance requirements for potential college or university institutions. These requirements can vary between various institutions and between programs within the same institution. It is the *responsibility of the student* to become familiar with the entrance requirements of potential institutions to which they wish to apply. This can be best accomplished by speaking with admission representatives that visit PHS, or by contacting potential institutions directly. Students are strongly encouraged to arrange a campus visit to those institutions that they may be considering. Admissions factors considered by post-secondary institutions may include: grade point average (overall), grade point average in challenging courses, class rank, high school course selection, entrance exam scores (ACT or SAT), participation in leadership in school and community activities, a personal essay and teacher recommendations.

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

UNIVERSITY OF MINNESOTA ADMISSIONS REQUIREMENTS

The University of Minnesota includes five campuses: Twin Cities, Duluth, Morris, Crookston, and Rochester. Admission requirements may vary among campuses, but generally the following minimum courses are required:

- Four years of English with emphasis on writing, including instruction in reading and speaking skills, and in literary understanding and appreciation
- Three years of Mathematics including two years of Algebra and one year of Geometry
- Three years of Science including one year each of physical and biological science
- Two years of a single world language
- Three years of Social Studies including US History and Geography
- Music, drama, and/or visual arts and computer skills are recommended
- Application deadline for ALL campuses is now December 15th.

MINNESOTA STATE UNIVERSITY ADMISSION REQUIREMENTS

The Minnesota State University System includes the following universities: Bemidji State University, Metropolitan State University, Minnesota State University Mankato, Minnesota State University Moorhead, St. Cloud State University, Southwest Minnesota State University, and Winona State University.

Requirements include:

- Four years of English including composition, literature, and speech
- Three years of Mathematics including two years of Algebra and one year of Geometry
- Three years of Science including one year each of physical and biological science and all three courses with a lab experience
- Three years of Social Studies including US History and Geography
- One year of the Arts, chosen from the visual arts and the performing arts of theatre, music, dance, and media arts.
- Two years of a single world language

MINNESOTA COMMUNITY COLLEGE/TECHNICAL COLLEGE ADMISSION REQUIREMENTS

The basic requirement to enter a community college or technical college is a high school diploma. Certain programs of study may have additional admission requirements. Students should contact potential institutions for specific requirements.

MINNESOTA PRIVATE COLLEGE ADMISSIONS REQUIREMENTS

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

MINNESOTA PRIVATE CAREER SCHOOL REQUIREMENTS

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

MILITARY SERVICE

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

COLLEGE ENTRANCE EXAMS AND OTHER SPECIAL TESTING DATES

PSAT Test- Fall 2012

Wednesday, October 17, 2012 at Pillager High School
Saturday, October 20, 2012 in other locations.

The preliminary SAT/National Merit Scholarship Qualifying Test is a co-sponsored program by the College Board and National Merit Scholarship Corporation (NMSC).

PSAT/NMSQT stands for Preliminary SAT/National Merit Scholarship Qualifying Test. It's a standardized test that provides firsthand practice for the SAT Reasoning Test. It also gives you a chance to enter National Merit Scholarship Corporation (NMSC) scholarship programs.

The PSAT/NMSQT measures:

- critical reading skills
- math problem-solving skills
- writing skills

You have developed these skills over many years, both in and out of school. This test doesn't require you to recall specific facts from your classes.

The most common reasons for taking the PSAT/NMSQT are:

- To receive feedback on your strengths and areas that may need improvement on skills necessary for college study. You can then focus your preparation on those areas that could most benefit from additional study or practice.
- To see how your performance on an admission test might compare with that of others applying to college.
- To enter the competition for scholarships from the National Merit Scholarship Corporation (grade 11).
- To help prepare for the SAT. You can become familiar with the kinds of questions and the exact directions you will see on the SAT.
- To receive information from colleges when you check "yes" to Student Search Service.

Not all students take the PSAT/NMSQT. This test may not be of benefit to you if you are planning to enter the world of work after high school graduation and have no plans for any post-secondary training beyond your experiences "on-the-job". Choosing to take the PSAT/NMSQT is a personal decision, made by the student with input from the student's family and guidance from his/her school counselor. Please discuss this opportunity as a family and contact the Guidance Department if you have further questions.

Remaining ACT exams for 2011-2012

Test Date	Registration Deadline	Late Registration (late fee required)
April 14, 2012	March 9, 2012	March 10-23, 2012
June 9, 2012	May 4, 2012	May 5-18, 2012

Remaining SAT exams for 2011-2012

Test Date	Registration Deadline	Late Registration (late fee required)
March 10, 2012	February 10 2012	February 24, 2012
May 5, 2012	April 6, 2012	April 20, 2012
June 5, 2012	May 8, 2012	May 22, 2012

Students can take the ACT in Pillager on all testing dates. Students can register with Mrs. Turner online at www.act.org , or can request a paper pencil registration. If you have any questions regarding the ACT or SAT please see Mrs. Turner in the Guidance Office.

NCAA CLEARINGHOUSE FOR THE COLLEGE-BOUND STUDENT ATHLETE

If you are planning to enroll in college as a first-year student and you wish to participate in NCAA Division I or Division II athletics (like the University of Minnesota or State Universities), you must be certified by the NCAA Initial-Eligibility Clearinghouse. The Clearinghouse ensures consistent application of NCAA initial –eligibility requirements for all prospective student athletes at all member institutions. Requirements for eligibility are very specific and rigid. It is the responsibility of all prospective NCAA Division I and Division II student athletes at Pillager High School to familiarize themselves with these requirements and to apply to the Clearinghouse.

Because some classes taken at Pillager High School may not meet the NCAA definition of a core class, prospective NCAA student athletes should meet with their coach and their school counselor to obtain written materials and an application. Students should apply after their junior year transcript is complete (normally the fall of their senior year.)

NCAA REQUIREMENTS FOR DIVISION 1 & II ELIGIBILITY FAQ

Here are the answers to questions that are frequently asked by students about what they need to do to participate in college sports under the Clearinghouse process.

WHY DO I NEED TO REGISTER AND BE CERTIFIED? If you intend to participate in athletics at a Division I or II school as a freshman, you must be registered with and be certified as eligible by the NCAA Initial-Eligibility Clearinghouse. Please note that initial eligibility certification pertains only to whether you meet the NCAA requirements for participation in Division I or II athletics and has no bearing on your admission to a particular Division I or II institution.

Both Division I and II memberships have adopted significant changes in the academic-eligibility standards for practice, competition, and the receipt of athletic scholarships during a student-athlete's first year of college. For those student-athletes who initially enroll as a full-time student, beginning fall 2008, a student-athlete will be required to complete 16 core courses. One of the additional core courses must be in the academic area of mathematics; the other may be from any of the current academic areas. In Division II, a student-athlete is required to complete 14 core courses. Additionally, changes to the test-score/grade-point average index have been adopted for Division I and are available for your review. In Division II there is not a sliding scale. The minimum core grade point average is 2.0 and the minimum ACT sum score is 68. You may access the proposed changes through the NCAA Web site at www.eligibilitycenter.org. From the home page, click on Student Athlete. The general information page has a link to eligibility rules.

To be classified as a qualifier under NCAA standards, you will need to graduate from high school and have successfully completed the core courses and have a core-course grade-point

average (based on a 4.0 scale) and a combined score on the SAT or a sum score on the ACT based on the new core GPA/test score index.

High School Core Courses (Division I):

- At least 4 years of English;
- At least 3 years of Math (at the level of Algebra I or above);
- At least 2 years of natural or physical science (including 1 lab course);
- At least 1 year of additional courses in English, Math, or Natural/Physical Science;
- At least 2 years Social Science; and
- Four years of additional academic courses in any of the above areas, or foreign (world) language, philosophy or non-doctrinal religion.

High School Core Courses (Division II).

- At least 3 years of English
- At least 2 years of Math (at the level of Algebra I or above);
- At least 2 years of natural or physical science (including 1 lab course)
- At least 2 years of additional courses in English, Math, or Natural/Physical Science;
- At least 2 years Social Science; and
- Three years of additional academic courses in any of the above areas, or foreign (world) language, philosophy or non-doctrinal religion.

WHEN SHOULD I REGISTER? You should register with the Clearinghouse whenever you decide you would like to participate in athletics as a college freshman. It generally is best to register after your junior year grades appear on your transcript. Although you can register anytime prior to participation, if you register late, you may face delays that will prevent practicing and competing.

HOW DO I REGISTER? You will need to obtain registration materials online at www.ncaaeligibilitycenter.org. Create your account, complete the registration, and pay your fee. Also, request your transcript. At this time Pillager High school does not send transcripts electronically. Sign and print the consent form and turn your form into the Guidance Office to release your transcript.

WHAT IF I ATTENDED MORE THAN ONE SCHOOL? If you have attended multiple high schools since 9th grade, each school will need to send your official transcript to the Clearinghouse. You will need to send copies of this form to counselors at the other schools attended.

ARE STANDARDIZED TEST SCORES REQUIRED? Qualifying test scores are required for participation in both Division I and II institutions. You may report your scores directly from the testing agency using code 9999.

HOW CAN I ARRANGE FOR MY SCORES TO BE SENT DIRECTLY FROM THE TESTING AGENCY? When you register to take the ACT or SAT, you can mark code 9999 so that the Clearinghouse will be one of the institutions receiving your scores, or you can submit a request and fee for an additional score report to the appropriate testing agency by indicating code 9999 on your request form.

WHAT WILL THE CLEARINGHOUSE PROVIDE TO THOSE INSTITUTIONS THAT ARE RECRUITING ME? The Clearinghouse will send your eligibility status to any Division I or II institution that requests it provided you give permission on your student-release form.

HOW CAN I CHECK ON THE STATUS OF MY FILE AT THE CLEARINGHOUSE? When you complete the student-release form be sure to enter your Social Security Number and a four digit Personal Identification Number (PIN). After you submit your form, you will then be able to call the 24-hour voice response service at 1-877-262-1492 and access your record using a touch-tone phone.

Suggested Courses of Study

Below, you will find suggested courses of study for students who have different general plans for the years immediately following high school. It is the mission of Pillager High School to prepare all students for some type of post-secondary education. All students must meet Pillager High School graduation requirements for their graduating class, but beyond that there may be specific courses that are appropriate for preparation for a chosen career or college major. Please remember these are only suggestions. The ultimate decision for course choices rests with the student and their parents.

A STUDENT PLANNING TO ATTEND A TECHNICAL COLLEGE

Meet all graduation requirements, plus consider the following:

1. **Continue taking Math and Science courses every year.** Math and science skills are essential to a solid foundation in technical training, particularly in your senior year of high school.
2. **English Courses:** Many technical colleges have general education requirements and will require writing and communication skills. Be sure to take courses that prepare you for the rigor of the college curriculum.
3. **All other subject areas:** Carefully review course offerings in each subject area and choose courses appropriate to your chosen field of study.

A STUDENT PLANNING TO ATTEND A FOUR-YEAR COLLEGE THAT HAS STANDARD OR MODERATE SELECTIVITY:

Meet all graduation requirements, plus consider the following:

1. **Take challenging courses in Math, Science, English, and Social Studies.** Even though a college's automatic admission policy may depend on GPA and ACT scores, you will need to be prepared to handle the rigor of the college curriculum. I have spoken to many students who are shocked at the amount of reading and homework in college, even though they may have achieved high grades here at Pillager High School. Here are some courses to consider:
2. **English Courses:** College Composition I, College Composition II, British Literature, American Literature.
3. **Math Courses:** Algebra III/Trigonometry, College Algebra (if you qualify), Calculus. It is highly recommended you take math courses your senior year in high school
4. **Science:** Be sure to take Biology in grade 10 and a Chemistry course in grade 11 or 12. Consider taking College Physics or College Chemistry if you qualify.
5. **Social Studies:** You will need to consider taking challenging courses such as College Psychology or College Sociology just for the introduction to the reading demands of college courses if nothing else.

6. **Other subject areas:** Choose carefully from other areas. Consider whether the courses you are taking are just to fill time or if they truly relate to the direction you are taking. ‘

A STUDENT PLANNING TO ATTEND A FOUR-YEAR COLLEGE THAT HAS HIGH SELECTIVITY:

Meet all graduation requirements, plus consider the following:

1. **TAKE THE MOST CHALLENGING COURSES WE HAVE TO OFFER, EITHER ON CAMPUS OR ONLINE.** Many of our graduates who have attended highly selective colleges have exhausted all that we have to offer in each of the core subject areas. Senior year is not a time to “take it easy.” Be sure to plan out the most challenging curricula in all areas. Also, consider taking Art and Music classes if you are not already involved in those areas. A 4.0 GPA is not a guarantee of admission or subsequent success if you haven’t properly prepared yourself for the demands of college level work. Pillager is a small school, and students may have taken all the challenging coursework that we have to offer on campus. However, there are many resources for online learning. Students may take AP courses online, or more advanced college level work online. Please see your counselor for subject offerings.
2. **English, Math, Science, and Social Studies:** Try to take the college or AP courses offered online in these areas. Don’t confine your studies to the high school course offerings. Seek out experts in your chosen field of study and job shadow or interview them about the demands of their job. Seek out conferences, workshops, seminars, leadership forums, etc. that will help you gain an understanding and broaden your knowledge base in specific areas.
3. **Other considerations:** If you are a music or art student, consider studying privately with an expert in your area. Private study in any area will provide you with insights beyond what you gain in the classroom, especially in the development of a personal portfolio or resume.

**PILLAGER HIGH SCHOOL
TENATIVE FOUR YEAR PLAN**

	SEMESTER 1	SEMESTER 2
GRADE 9		
Period 1		
Period 2		
Period 3		
Period 4		
Period 5		
Period 6		
	SEMESTER 1	SEMESTER 2
GRADE 10		
Period 1		
Period 2		
Period 3		
Period 4		
Period 5		
Period 6		
	SEMESTER 1	SEMESTER 2
GRADE 11		
Period 1		
Period 2		
Period 3		
Period 4		
Period 5		
Period 6		
	SEMESTER 1	SEMESTER 2
GRADE 12		
Period 1		
Period 2		
Period 3		
Period 4		
Period 5		
Period 6		

CREDIT INVENTORY

CLASS of 2013

45 CREDITS REQUIRED FOR GRADUATION

STUDENT NAME: _____ **DATE:** _____

COURSES	CREDIT	COMPLETED
English 9 (Year-Long)	2	
English 10 (Year-Long)	2	
English Elective	1	
English Elective	1	
Civics (Year-Long)	2	
U.S. History (Year-Long)	2	
Social of your choosing	1	
Social of your choosing	1	
Algebra I (Year-Long)	2	
Geometry (Year-Long)	2	
Algebra II (Year-Long)	2	
Physical Science (Year-Long)	2	
General Biology (Year-Long)	2	
Science of your choosing (college bound students must choose a science with a required lab)	1	
Science of your choosing (college bound students must choose a science with a required lab)	1	
Physical Education 9	1	
Health 9	1	
Computer or Business class of your choosing	1	
Computer or Business Class of your choosing	1	
Foreign Language I *required only for four-year post-secondary institutions. Not required for graduation from PHS.		
Foreign Language II *required only for four-year post-secondary institutions. Not required for graduation from PHS.		
Music or Arts *required only for four-year post-secondary institutions. Not required for graduation from PHS.		
Total Earned Credits to Date	Total:	
Credits to be earned this year	Total:	
GRAND TOTAL CREDITS PROJECTED (45 Credits Required)	Grand Total:	

CREDIT INVENTORY

CLASS of 2014

45 CREDITS REQUIRED FOR GRADUATION

STUDENT NAME: _____ **DATE:** _____

COURSES	CREDIT	COMPLETED
English 9 (Year-Long)	2	
English 10 (Year-Long)	2	
English Elective	1	
English Elective	1	
Civics (Year-Long)	2	
U.S. History (Year-Long)	2	
Social of your choosing	1	
Social of your choosing	1	
Algebra I (Year-Long)	2	
Geometry (Year-Long)	2	
Algebra II (Year-Long)	2	
Physical Science (Year-Long)	2	
General Biology (Year-Long)	2	
Science of your choosing (college bound students must choose a science with a required lab)	1	
Science of your choosing (college bound students must choose a science with a required lab)	1	
Physical Education 9	1	
Health 9	1	
Computer or Business class of your choosing	1	
Computer or Business Class of your choosing	1	
Foreign Language I *required only for four-year post-secondary institutions. Not required for graduation from PHS.		
Foreign Language II *required only for four-year post-secondary institutions. Not required for graduation from PHS.		
Music or Arts *required only for four-year post-secondary institutions. Not required for graduation from PHS.		
Total Earned Credits to Date	Total:	
Credits to be earned this year	Total:	
GRAND TOTAL CREDITS PROJECTED (45 Credits Required)	Grand Total:	

CREDIT INVENTORY

CLASS of 2015

45 CREDITS REQUIRED FOR GRADUATION

STUDENT NAME: _____ **DATE:** _____

COURSES	CREDIT	COMPLETED
English 9 (Year-Long)	2	
English 10 (Year-Long)	2	
English Elective	1	
English Elective	1	
Civics (Year-Long)	2	
U.S. History (Year-Long)	2	
Social of your choosing	1	
Social of your choosing	1	
Algebra I (Year-Long)	2	
Geometry (Year-Long)	2	
Algebra II (Year-Long)	2	
Physical Science (Year-Long)	2	
General Biology (Year-Long)	2	
Science of your choosing (college bound students must choose a science with a required lab)	1	
Science of your choosing (college bound students must choose a science with a required lab)	1	
Physical Education 9	1	
Health 9	1	
Computer or Business class of your choosing	1	
Computer or Business Class of your choosing	1	
Foreign Language I *required only for four-year post-secondary institutions. Not required for graduation from PHS.		
Foreign Language II *required only for four-year post-secondary institutions. Not required for graduation from PHS.		
Music or Arts *required only for four-year post-secondary institutions. Not required for graduation from PHS.		
Total Earned Credits to Date	Total:	
Credits to be earned this year	Total:	
GRAND TOTAL CREDITS PROJECTED (45 Credits Required)	Grand Total:	

CREDIT INVENTORY

CLASS of 2016


45 CREDITS REQUIRED FOR GRADUATION

STUDENT NAME: _____ **DATE:** _____


COURSES	CREDIT	COMPLETED
English 9 (Year-Long)	2	
English 10 (Year-Long)	2	
English Elective	1	
English Elective	1	
Civics (Year-Long)	2	
U.S. History (Year-Long)	2	
Social of your choosing	1	
Social of your choosing	1	
Algebra I (Year-Long)	2	
Geometry (Year-Long)	2	
Algebra II (Year-Long)	2	
Physical Science (Year-Long)	2	
General Biology (Year-Long)	2	
Science of your choosing (college bound students must choose a science with a required lab)	1	
Science of your choosing (college bound students must choose a science with a required lab)	1	
Physical Education 9	1	
Health 9	1	
Computer or Business class of your choosing	1	
Computer or Business Class of your choosing	1	
Foreign Language I *required only for four-year post-secondary institutions. Not required for graduation from PHS.		
Foreign Language II *required only for four-year post-secondary institutions. Not required for graduation from PHS.		
Music or Arts *required only for four-year post-secondary institutions. Not required for graduation from PHS.		
Total Earned Credits to Date	Total:	
Credits to be earned this year	Total:	
GRAND TOTAL CREDITS PROJECTED (45 Credits Required)	Grand Total:	

College Credit Opportunities at Pillager High School

Pillager High School students have several options to earn credits while still enrolled in high school. Courses with

college credit opportunity are identified by this symbol  in the course description section.

Courses that are part of the Bridges Academy and can earn a certificate (see page 6 for further details) will be

identified with this symbol 

	PILLAGER HIGH SCHOOL COLLEGE CREDIT COURSES	COLLEGE CREDIT IS EARNED IN THE FOLLOWING WAYS:
Concurrent College Courses/Lake Superior College Online	Calculus Trigonometry Pre-Calculus Drama Literature World Religion Creative Writing Clay I Chemistry I Composition I Digital Photo Wellness General Psych Contemporary World History Physics I Composition II Criminal Justice Intro. Sociology Environmental Science Introduction to Business Public Speaking	Concurrent college courses and Honors Online offered through Lake Superior College-Duluth require a GPA of 3.0 for juniors and a 2.5 for seniors as well as qualifying scores on the Accuplacer exam or the ACT exam. See your counselor for more information.
Articulated Courses & Tech Prep Agreements	Accounting I, II Desktop Publishing Intro to Computers Online Forestry	Students enrolling at Central Lakes College may receive college credit for the following courses: BUSN 1102 Accounting for Non-Accountants CART 1114 Page Layout COMP 1101 Computer Fundamentals NATR 1106 Intro to Natural Resources Law
Post Secondary Enrollment Options	Minnesota's PSEO program allows qualified juniors and seniors to take college coursework on Minnesota college campuses.	State eligibility guidelines are as follows: Juniors: Cumulative GPA of 3.0 or higher Seniors: Cumulative GPA of 2.5 or higher Qualifying scores on ACT or placement test Note: Enrollment standards vary at different colleges. Some are more rigorous than others.
College Level Examination Program	Students who have completed rigorous coursework or independent study in any of the 34 subject areas may elect to take a CLEP exam for a fee. See Mrs. Turner for more information.	2,900 colleges grant credit and/or advanced standing for CLEP exams. College credits are determined by scores on the CLEP exams and individual college CLEP credit policies.

PILLAGER HIGH SCHOOL COURSE DESCRIPTION GUIDE 2011-2012

ART

DRAWING & PRINTMAKING

Grades 9-12, 1 credit

Prerequisite: None

Drawing is a skill anyone can further develop. This course will emphasize the “right brain” approach to drawing. You will learn to communicate through drawing using pencil, pen, ink, charcoal, pastels, and various printmaking processes.

STUDIO ART



Grades 9-12, 1 credit

Prerequisite: None

This is an exciting, studio-based exploratory class. Designed for you to experience a variety of materials and processes, through two and three-dimensional art media. Good composition and an understanding of the elements and principles of design are stressed as necessary for creating a successful art product.

PAINTING

Grades 9-12, 1 credit

Prerequisite: None

You will be guided through color theory, water color, oil and acrylic painting techniques and express yourself through your own work. A historic view of painting will be presented throughout the semester.

CLAY & SCULPTURE



Grades 9-12, 1 credit

Prerequisite: None

This course is for anyone interested in creating and learning about three-dimensional objects. Students will have the opportunity to work with clay, wood, plaster and will have time to learn how to throw pottery on the wheel. Study and learn about realistic and non-objective design on both small and large scale, while learning a wide range of clay and sculpture techniques/methods. Students will be expected to learn about presentation methods and participate in exhibitions.

GRAPHIC/COMMERICAL ARTS

Grades 10-12, 1 credit

Prerequisite: None

Students will learn about what it takes to be a Graphic Designer. You will further your knowledge about layout and composition, when creating commercial type art. The class will include digital photography, page layout, packaging design, typography and creating your own logo. Projects will be created in GimpShop. Students will take part in group evaluations, and participate in exhibitions.

BUSINESS EDUCATION & COMPUTERS

ACCOUNTING I-IV

Tech Prep Credit

Grades 9-12, 1 credit

Prerequisite: To take Accounting II-IV, must have had Accounting I

Accounting is the language of business and a systematic record of business transactions. It is also used everyday in our personal lives to pay bills, balance checkbooks, pay taxes, and so on. Students can use these courses in the following ways: Vocational education (keeping records for someone), self employment (keeping your own records for business), personal use and ground work for college study.

Accounting I-II

In this course students use a bookkeeping system with journals and ledgers, prepare worksheets, and record transactions. The computer is integrated into Accounting II. Students also inventory and sell for the school greenhouse. A full block of accounting applies towards the Tech Prep Agreement with Central Lakes College (CLC) as ACCT 100 Principles of Bookkeeping, and ACCT 1104 Accounting for Non-Accountants.

Accounting III-IV

Students further sharpen their accounting skills including adjusting entries, figuring depreciation, taxes, payroll, and use all areas to run a business. After skills are mastered, the computer is used to run an entire company. Students also work in the school greenhouse taking inventory and developing balance sheets. Tech Prep Credit will be considered at Central Lakes College as an elective in Business Management, or at Northwest Technical College as ACCT 110 Principles of Accounting I.



DESKTOP PUBLISHING

Tech Prep Credit

Grades 9-12, 1 credit

Prerequisite: None

Students will use In Design to create and produce a variety of forms including: flyers, brochures, advertisements and business forms. Graphic CD's, scanner and digital camera will be utilized.



DIGITAL PHOTOGRAPHY

Grades 9-12, 1 credit

Prerequisite: None, Must pass the college entrance exam

This course will incorporate the use of digital cameras and Photoshop CS2. Topics will include: file formats, storage, downloading images, printing images, editing images, and photo tips. Students will learn about the fundamentals of digital photography, composition, presentation, history of photography, purchasing a camera, and ethics when manipulating photos.



ENTREPRENEURSHIP

Grades 9-12, 1 credit

Prerequisite: None

Students will study: types of businesses, advantages and disadvantages of business forms, feasibility, marketing and promoting a business, and financial management of a business. This course may be delivered in an online format.



HOSPITALITY BUSINESS MANAGEMENT

Grades 10-12, 1 credit

Prerequisite: None

Guest retention, communication and relations are a must in the work world in any type of work setting. Students will work on these areas and utilize their skills during a resort internship. Central Lakes College has provided much of the curriculum for this course. It is one of the required courses to attain the ten credit Hospitality Certificate issued by Central Lakes College. This certificate is recognized nationwide in the hospitality field. Tech Prep credit will be granted at CLC for MKTG 1162 Customer Relations.



INFORMATION TECHNOLOGY

Grades 9-12, 1 credit

Prerequisite: None

Students enrolled in this course will receive training in the use of technology to inform and educate the public. Specific areas of interest may include, but are not limited to: advertising layout & design, brochure making, Power Point presentations, web site design, and the use of “I-Movie.”

INTERNSHIP

Grades 10-12, 1 credit

Prerequisite: Must apply to the program and be accepted

The Pillager High School Internship Program serves as a bridge connecting schools to the business community. Internships provide students with a planned and supervised career development experience related to their learning and career goals. The student intern will perform duties as outlined by a job description, working five hours each week over an 18 week period and may earn academic credit. Selected students must maintain a written journal detailing their internship experience, participate in weekly meetings (two times per week before school) to discuss career development and internship goals, meet the work expectations of the sponsoring employer, provide his/her own transportation to and from the site, and complete an evaluation of the Internship Program.



INTRODUCTION TO BUSINESS

Grades 11-12, 1 credit, 3 College Credits

Prerequisite: Must pass the College Entrance Exam

Through the Bridges Academy and Central Lakes College, this course is offered concurrently. If you choose to enroll and are accepted into the Academy, you will receive college credit for this course and be concurrently enrolled at Central Lakes College. Topics will include: Overview of US Business & US Economy, types of business organizations, small business and entrepreneurship, marketing, management functions, motivating employees, human resources, financial systems, and business ethics. All students will create a business plan.

INTRODUCTION TO COMPUTERS ONLINE I

Tech Prep Credit

Grades 9-12, 1 credit

Prerequisite: Keyboarding experience

Students will learn basic keyboarding and computer knowledge. Topics include: Introduction to Computers, Internet, Application Software, Components of the System Unit, Input, Output, and Storage. Projects in word processing, spreadsheet, and slide show will be required. This course is offered ONLINE. Students must be able to work independently and efficiently. Tech Prep credit will be granted at CLC for Introduction to Computers.

INTRODUCTION TO COMPUTERS ONLINE II

Grades 9-12, 1 credit

Prerequisite: Must have successfully completed Intro. To Computers Online with a C or better

Students will learn more about computer knowledge. Topics include: Operating Systems, Networks, Database management, Computer Ethics, System Development and Programming,

and Computer Careers. This course is offered ONLINE. Students must work independently and efficiently.



WEB PAGE DESIGN

Tech Prep Credit

Grades 10-12, 1 credit

Prerequisite: None

Students will design web pages using HTML and Dream weaver. Macromedia Flash, Fireworks, and Freehand will be used to enhance pages.

ENGLISH



COLLEGE COMPOSITION I

Grades 11-12, 1 Pillager High School Credit (1.5 High School credits if taking the college course), 3 Lake Superior College Credits, CIS Course

***Prerequisite:** Must have successfully completed English 9 and English 10 with a C or better, and must have an overall GPA of a 3.0 or higher. Must pass the college entrance exam.*

First semester college-level composition course focusing on writing expository prose using word processing as a tool for composing. Emphasis is on writing as a process, critical reading, developing a voice, and grammar review. Presupposes competency in standard English.



COLLEGE COMPOSITION II

Grades 11-12, 1 Pillager High School Credit (1.5 High School Credits if taking the college course), 3 Lake Superior College Credits, CIS Course

***Prerequisite:** College Composition I, must pass the college entrance exam.*

Second semester college-level composition course focusing on academic writing using primary and secondary sources, including basic research using print and electronic sources. Emphasis is on the writing process, critical analysis, summarizing, research, logical argumentation, and MLA documentation. Presupposes competency in standard English.



CREATIVE WRITING

Grades 9-12, 1 credit (1.5 High School Credits if taking the college course), 3 Lake Superior College Credits)

Prerequisite: None, must pass the college entrance exam.

Students will be given the opportunity to express their ideas through the written language. A series of short stories will be assigned to students to read and then finish the story using creative dialogue, imagination, and creativity.

ENGLISH 9

Grade 9, 2 credits (Year-Long)

Prerequisite: None

This is a composition class stressing sentence structure, paragraph writing and writing strategies along with advanced literary analysis skills. All freshmen are required to take and pass this course.

ENGLISH 10

Grade 10, 2 credits (Year-Long)

Prerequisite: Must have successfully completed English 9

Mandatory class for all students in grade 10. This will be a continuation of the writing and literary skills covered in English 9. Additional advanced skills will be covered.

ENGLISH SKILLS

Grades 11-12, 1 credit

Prerequisite: Must have successfully completed English 9 and English 10

This course is designed to help students focus on grammar and writing. Students will be required to create a resume and cover letter. Preparation for the world of work will be the focus of this course.

HUMANITIES

Grade 11-12, 1 credit

Prerequisite: Must have successfully completed English 9 and English 10

An experience-and activities- orientated look at what it has meant to historically to be human. Incorporates art, music, history, literature, theater and research. Something for everyone in this class!

INDEPENDENT NOVELS

Grades 9-12, 1 credit

Prerequisite: None

Students will select and read eight novels and write eight “novel reports.” They will be practicing sustained silent reading in class daily. Students will participate in skills that will

enhance their reading pleasure and comprehension. Each student is required to present an “author review” to the class, participate in “book review” once a week and keep a portfolio.

INTERPERSONAL COMMUNICATION

Grades 9-12, 1 credit

Prerequisite: None

This is a semester long course intended to help students become better communicators. It explores the dynamics of interpersonal communication, the communication between two people. We will cover such topics as verbal and nonverbal messages, relationships, listening and perception, communication as a process, relationship development, cultural context, and debate

JOURNALISM I

Grades 10-12, 1 credit

Prerequisite: Must have successfully completed English 9

A multi-level class. First year students learn the basics of journalism; upper level students apply what they’ve learned. All levels read newspapers and magazines, journal articles and discuss the news. Students will also write local news stories for publication in Paw Prints and the Huskies’ Page. Vocabulary and writing style are stressed. Only students who have had Journalism I may serve as editors for the school newspaper, Paw Prints.

ORAL INTERPRETATION

Grades 9-12, 1 credit

Prerequisite: None

Oral interpretation is the oldest form of vocal communications and is based on the concept that all forms of literature are created to be read aloud rather than read silently. Before any written languages existed, people spread the greatest stories of the day to each other orally. Students in this semester class will learn reading and literary skills, speaking and story telling strategies, literary analysis, stage presence, self-confidence, and communication skills by preparing, rehearsing, and reading various types of literature out loud to different audiences. Students will have the opportunity to show off the skills they developed throughout the semester by performing selected works and originally written works, by performing in groups and individually in a public “oral interp show” created by the class as a whole. This performance (the course final) will be similar to a theater performance but with a unique twist. All performers will have their prepared script in hand rather than scripts memorized. (This course will alternate with Dramatic Literature and Performance on an every-other-year basis. Students will receive English/Language Arts credit for taking this course the first time and elective credit for each class thereafter, similar to the DLP course.



PUBLIC SPEAKING

Grades 9-12, 1 credit (1.5 High School Credits if taking the college course), 3 college credits from Lake Superior College, CIS course.

Prerequisite: None, must pass the college entrance exam.

This semester long course is an English elective for high school students. The three primary components in this course: (1) development of an understanding of the communication process, (2) development of interpersonal communication skills, and (3) development of public speaking skills. The skills/application focus of this course will be devoted to public speaking. With involvement, we can develop an atmosphere in which each student can identify strengths as a speaker, refine them, and identify and overcome weaknesses. Students will be expected to do individual work, group work, peer-evaluations and self-analysis essay.

SHORT STORIES

Grades 9-12, 1 credit

Prerequisite: None

An up-front approach to reading, writing about, and discussing short stories. You will be introduced to stories that are an important part and reflection of your world and also other times and cultures with which you are less familiar. In addition, you will be taught to recognize story-telling techniques that allow writers to achieve desired effects and to learn the vocabulary that is helpful in discussing what you read.

SURVEY OF LITERATURE

Grades 10-12, 1 credit

Prerequisite: Must have successfully completed English 9 with a C or better

This class combines the great writers of American and British literature. Students read together or separately and “play” with the literature-by performing, doing art work, or just reading aloud. A must for anyone going on to college as a basis for many required English classes; fun for those who don’t usually like reading “the heavy stuff.”



INTRODUCTION TO LITERATURE: DRAMA

Grades 9-12, 1 Credit (1.5 credits if taken as a college credit), 3 college credits from Lake Superior College.

Prerequisite: Students who enroll for college credit must meet LSC’s requirements. Seniors overall GPA of 2.5. Juniors overall GPA of 3.0.

A study of plays, focusing on identifying and analyzing themes, patterns, and conventions of drama. Emphasis is placed on seeing the human context, values, and assumptions embedded in dramas from the Ancient to Contemporary periods.

INDUSTRIAL TECHNOLOGY COURSES



CABINET MAKING I

Grades 9-12, 1 credit

Prerequisite: Must be willing to pay a \$40.00 fee

Students have the opportunity to work hands-on with wood and woodworking tools. Students have the opportunity to construct cabinets and other wood products. A \$40.00 fee is associated with this course to cover the costs of materials.

CAD (COMPUTER AIDED DRAFTING)

Grades 9-12, 1 credit

Prerequisite: None

Prepare students who possess manual/mechanical drafting skills with entry level skills in computer assisted drafting.



CONSTRUCTION TRADES

Grades 10-12, 1 credit

Prerequisite: Instructor Approval

This year-long course builds a house from the floor up. The students in this class will be required to work outside in all weather conditions, as long as it is safe to do so. Students can expect to learn how to: read a blueprint, build a house according to that print, and troubleshoot possible problems with the house. This class teaches problem-solving, teamwork, cooperation, critical thinking, and occupation skills.

This class will be treated as a job. You will fill out an application for the job, be “hired” (registered for the course), and be “paid” for your work. Your “pay” is your grade. Your grade is what you earn.

SMALL GAS ENGINES

Grades 9-12, 1 credit

Prerequisite: None

Students will learn the very basics of small engine and repair. Students will have the opportunity to work hands-on a small Honda motor. By the end of the course, students will be able to put the motor together and take it apart.

YOU AND YOUR CAR

Grades 9-12, 1 credit

Prerequisite: None

This course is intended to provide each student with the knowledge to make economical decisions and take preventative measures to enhance the overall satisfaction of being an automotive consumer. The class discussions and lab activities provide the fundamental knowledge and experience in owning and maintaining an automobile. Students will be expected to keep a daily reference log, do web searches, and a research project that is presented to the class, and do minimal lab activities (i.e., changing fluids, not rebuilding engines).

WELDING & METALS

Grades 10-12, 1 credit

Prerequisite: Industrial Technology grade 7 or 8

The main emphasis in this class is welding, with some metal turning. Students in this class will be required to complete several different forms of welds, using the four different processes we have. These processes include: Oxy-Acet., Stick, MIG, and TIG. The machining portion of this class involves turning out a center punch and hammer. Beyond this, students are required to make a project out of metal-welding or machining, or a combination of both. Projects are subject to instructor approval. Journals are required.

MATH COURSES

ALGEBRA I

Grade 9, 2 credits (Year-Long)

Prerequisite: None

With Algebra you can describe patterns of all kinds, work with formulas, discuss unknowns in problems, and quickly graph ideas. Algebra is considered the language of mathematics. The goal of this course is to introduce you this wonderful and rich language.

ALGEBRA II

Grades 10-12, 2 credits (Year-Long)

Prerequisite: Successfully complete Geometry or Concepts of Geometry

Continue with the base knowledge from Algebra I and Geometry to study more about variables, equations, and graphs. Use the variables, equations, and graphs to model real-life applications.



CALCULUS I

Grade 11-12 (Year-Long) 2.0 High School Credits- 5 College Credits through Lake Superior College (Math Elective)

Prerequisite: *Student must pass College Math Assessment Test. Students must have passed Algebra I, Geometry, Algebra II, Trig/Pre-Calc with a C or better.*

Review of the concept and properties of a function. Emphasis on the graphing and behavior of a function. Limits are introduced and developed. The derivative of a function is defined and applied to algebraic and trigonometric functions. Anti-differentiation and elementary differential equations. Definite integral as a limit of sum and as related to anti-differentiation via the Fundamental Theorem of Calculus. Applications to maximum, minimum, related rates

CONSUMER MATH I

Grades 9-12, 1 credit each

Prerequisite: *None*

Consumer Math is organized to help students overcome initial skill deficiencies before proceeding to the essential consumer content. This text presents mathematical skills and concepts in meaningful, real-life situations. The varied examples, exercises, and applications help students become proficient, confident problem solvers and consumers. Consumer Math I & II will provide students with the following:

- The fundamental knowledge they need to understand their options and to make Reasonable decisions
 - Numerous opportunities to experience how to apply this knowledge in real Situations
 - Realistic decision-making activities that draw on a range of skills and Understanding
-

GEOMETRY

Grade 10, 2 credits (Year-Long)

Prerequisite: *Successfully complete Algebra I or Concepts in Algebra I*

Geometry is the most tangible mathematical discipline. Geometry is used to describe and organize the space we live in. This class will create a learning atmosphere in which students will investigate, explain, and prove the geometry principals that are being used.



TRIGONOMETRY/PRECALCULUS

Grades 11-12, 4.0 High School credits (Year-Long), 8 College Credits from Lake Superior College, CIS Course

Prerequisite: Students must obtain a cut score of 50 on the Accuplacer test in College Level Math or receive a Math waiver from the instructor. Students must also have the appropriate GPA.

This course is intended to provide the essential mathematical background needed in Calculus. Topics include equation solving, functions (polynomial, radical, rational, exponential, logarithmic, trig, and inverse trig), identities, applications, and parametric, polar graphing.

COLLEGE PREP MATH

Grades 11-12, 1 Semester Credit

Prerequisite: Students must have successfully completed Algebra I, Geometry, and Algebra II. Continue with base of knowledge from Algebra 2 and Geometry to study more about variables, equations, and graphs. Use the variables, equations and graphs to model real-life applications.

MUSIC COURSES

MUSIC THEORY

Grades 10-12, 1 credit

Prerequisite: Must have some background in music. This is not a developmental course.

In this course, students explore the fundamentals of music, including the elements of pitch and rhythm, music notation, intervals, triads and inversions, seventh chords, scales, harmonic progression, basic principles of voice leading, secondary functions and common chord modulation. Explore Baroque counterpoint, Classical and Romantic styles and forms, advanced modulation techniques, and chromatic harmony. Furthermore, students will develop their aural skills through dictation and singing of intervals, rhythmic patterns, scales, tonal melodies and basic chord progressions. Students should have a fundamental understanding of music notation. There will be a \$40.00 fee to purchase the required workbook and CD's for the class. Students will also need pencils and a manuscript notebook.

SENIOR HIGH BAND

Grades 9-12, 1 credit per semester

Prerequisite: Necessary skills and interest needed to play music at this level. Prior experience playing your chosen instrument.

Senior band prepares music-to-perform, using music of all styles and historical periods. Concert attendance is required. Loving music, learning to appreciate it, and giving it styles are priorities. A certain amount of lessons per quarter will be required. Contests, Pep band and jazz band are branches of senior band.

SENIOR HIGH CHOIR

Grades 9-12, 1 credit per semester

Prerequisite: One year of choir above 7th grade or vocal try out with choir instructor.

This course will include music theory, music history, vocal production techniques, voice lessons, sight-singing, the study and performance of several styles of choral literature. The choir will present at least 4 concerts during the year. Other performance events include District Contest and Massed Choir, Baccalaureate, Commencement, National Anthem at sporting events, and at times other school or community events. Attendance at rehearsals and performances is required to pass course.

PHYSICAL EDUCATION & HEALTH COURSES



HEALTH AND WELLNESS

Grades 9-12, 1 credit (1.5 High School credits if taken as a college class), 3 Lake Superior Credits.

Prerequisite: None, must pass the college entrance exam

Health and Wellness is an activity and classroom course where physical activity and health-related topics will be discussed. The activity portion will be held three days per week and the classroom portion will be held two days per week. Activity days will consist of running, weight room, ply metrics and a variety of sport games. Classroom days will consist of group discussions, projects, lectures, speakers, quizzes, and tests.

INDIVIDUAL CONDITIONING

Grades 9-12, 1 credit

Prerequisite: None

This course will focus on strength training and cardiovascular conditioning. Three days a week the emphasis will be on strength training with an aerobic warm-up. Two days a week the emphasis will be on aerobic conditioning with a short weight training segment. Aerobic conditioning includes: walking, running, floor aerobics, step aerobics and Tae-Bo. Other fitness components addressed are flexibility, balance and coordination. An individual fitness plan is required.

OUTDOOR ADVENTURE

Grades 10-12, 1 credit

Prerequisite: None

This course involves building through physical challenges. Students learn to brainstorm solutions, work together to develop a plan of attack, listen to others, consider ideas, praise and

encourage team members. Each number of the group is important because everyone must meet the challenge before the team can succeed. Students will develop self-confidence, trust, and new skills as they explore these physical challenges. They will improve motor skills and learn important social skills that will benefit them throughout life. A culmination of the challenges, initiatives, and trust activities leads students to the High and Low Ropes Course.

PHYSICAL EDUCATION 9/HEALTH 9

Grade 9, 1.0 Credit

Prerequisite: None

An exercise program is integrated along with other activities to promote fitness. Students will understand what overall wellness means, and put plans in place to develop their own wellness. Students develop responsibility for their own physical and mental health. Students will also learn about relationships, stress, understand medicine, effects of tobacco, alcohol, and drug use.

RAQUET SPORTS

Grades 9-12, 1 credit

Prerequisite: None

Racquet Sports is a participation-based elective class in which all students are expected to participate in daily physical activity. Some activity units that will be taught are: tennis, pickle ball, badminton, golf, hockey, paddle ball, and koosh ball. Each student will give a presentation of a specific sport, learning about the history of the sport, rules, and guidelines. Written quizzes will be given on each unit, as well as a written final exam.

TEAM SPORTS

Grades 9-12, 1 credit

Prerequisite: None

Team activities: flag football, soccer, floor hockey, basketball, softball and volleyball.
Individual sports: golf, cross country skiing, horseshoes, badminton, kickball, battle ball, capture the pin, speedball, and other appropriate activities are part of this course.

SCIENCE COURSES

FORESTRY & ADVANCED FORESTRY

Tech Prep Credit

Grades 9-12, 1 credit

Prerequisite: None. Students registering for Advanced Forestry need to successfully pass Forestry I.

This course work is designed to give students a working understanding of biological principles as they apply to ecosystems and organisms. Using concepts in forestry and wildlife management as a base, students will be involved in a hands-on approach to biology including a survey of living



organisms and the roles they play in the ecosystem. These courses prepare the student to take the SAT II: Biology E Test.

AQUATIC BIOLOGY

Grades 10-12, 1 credit

Prerequisite: Must have successfully completed General Biology

This course is designed to increase your awareness of the world's water resources. We will focus on local water habitats and issues. By the end of the course you should be able to quickly identify many local aquatic animals and plants. You will also become familiar with the biology and ecology of many of the species and groups that we encounter. We will also explore some of the unique environmental problems dealing with aquatic environments.



BASIC ELECTRICITY

Grades 9-12, 1 credit

Prerequisite: None

This course introduces students to a foundation of AC and DC electricity and explores electrical quantities (current, voltage, resistance, power), basic circuit laws with emphasis on electrical measurement. Additional topics may include, relays, transformers, and motors, and electrical safety.

BOTANY

Grades 9-12, 1 credit

This class is an introduction to plant life and the impact of plants on society. Topics will include structure, function, growth processes, reproduction, ecology, genetics, along with medicines and resources derived from the plant world. Students will investigate live specimens of plants with a strong hands-on laboratory component including the greenhouse program.



BIOTECHNOLOGY

Grades 10-12, 1 credit

Prerequisite: None

This class is devoted to the study of cell biology, microbiology, and genetics. Laboratory experiences are an essential part of this class and involve the use of biotechnology equipment and microbiology sterile protocol. Lab work includes cell biology, microbiological experiments, and biotechnology techniques involving protein transfer, DNA analysis, and genetic engineering of bacteria. This course will prepare the student to take the SAT II: Biology M Test.



FUNDAMENTALS OF CHEMISTRY I

Grade 11-12 (1 semester) 1.0 High School Credit (1.5 High School credits if taken for college credit), 3 College Credits through Lake Superior College (Science Elective), CIS Credit

Prerequisite: *Student must pass College Math Assessment Test. Seniors must have a 2.5 GPA and Juniors must have a 3.0 GPA*

This course involves the study of general laws of chemistry, periodicity, atomic and molecular structure, physical and chemical changes. Three hours of lecture and three hours of lab weekly. Intended for non-science majors.



COLLEGE PHYSICS I

Grade 11-12 (1 semester) 2.0 High School Credit, 3 College Credits through Lake Superior College (Science Elective), CIS Credit

Prerequisite: *Student must pass College English and Math Assessment Test. Seniors must have a 2.5 GPA and Juniors must have a 3.0 GPA. Students should have taken College Algebra and some Trig to be successful in this course.*

This course gives a general theoretical and practical introduction to physics. The theory part contains the following topics: Kinetics of one and two dimensions, force and dynamics, circular motion, gravitation, work and energy, linear momentum, rotational motion, bodies in equilibrium, waves, and sound. The practical topics will include the use of lab equipment to help develop these concepts. A knowledge of college algebra and some trig is needed for success in this course. This course is intended for students intending to major in dentistry, pharmacy (and other fields related to medicine), forestry, biological sciences, etc. Lab is required.



ENVIRONMENTAL SCIENCE

Grades 9-12, 1 credit (2.0 High School Credit if taken for college credit), 4 College Credits through Lake Superior College (Science Elective), CIS

Prerequisite: *None*

Students will look at our surroundings: how we view, interpret, fit into, interact with, and alter our surroundings. This class will focus on human's impact on Biotic and A biotic factors.



FORENSIC SCIENCE

Grades 9-12, 1 credit

Prerequisite: *Physical Science 9 & Criminal Justice*

This course is designed to introduce students with the basics of forensic science. Forensic science is the study and application of science to the legal system. This involves evidence collection, examination, evaluation and interpretation of evidence. The course will review basic principles covered in Biology, Chemistry, Physics, medical and behavioral sciences and look at them as they apply to questions of evidence and the law. By doing this, students will become

aware of the capabilities and limitations of the field of forensic science. We will also learn about all the things CSI type television shows do wrong!

GENERAL BIOLOGY

Grade 10, 2 credits (Year-Long)

Prerequisite: *Physical Science 9*

Biology is the study of life and living systems. This course explores the major principles of biology as they apply to the major kingdoms of life.

GEOLOGY

Grades 9-12, 1 credit

Prerequisite: *None*

This course is intended to give the student a full introduction to the geological sciences. Topics will include: geology and the methods of science, minerals and rock classification, maps and mapping, earth's structure, the atmosphere, the oceans, and the universe.



HUMAN ANATOMY

Grades 9-12, 1 credit

Prerequisite: *Strong math background*

This is an advanced biology course that should be of particular interest to those students planning on health care or animal science career. This course will offer a detailed look at higher vertebrate anatomy and physiology. Lab work includes hands-on experience with most major body systems through dissections including a fetal pig.

PHYSICAL SCIENCE 9

Grade 9, 2 credits

Physical Science is the study of matter and energy. Major units include: metric system, atoms, compounds, chemical reactions, different forms of energy, simple machines, static electricity and current electricity.



VERTEBRATE ZOOLOGY

Grade 9-12, 1 Credit

This course will focus on a general survey of the five classes of vertebrates including the identification, anatomy and natural history of major MN species. Emphasis will concentrate on the study of ornithology (birds), mammalogy (mammals), herpetology (amphibians & reptiles). Students can expect field work, collection and dissections to be apart of this coursework.

SOCIAL STUDIES COURSES



CONTEMPORARY WORLD HISTORY 1945 TO PRESENT

Grades 10-12, 1 credit (3 College Credits through Lake Superior College, 1.5 High School credits if taken for college credit).

Prerequisite: *Successfully complete Civics and U.S. History*

Considers historical issues and events that have shaped the world since the end of the Second World War. Students will examine: the ideological, East-West divide during the Cold War and related conflicts; decolonization, revolution, and independence movements; economic and cultural globalization technological developments of the information age; international human rights, global warming, global poverty and disease. The course will have a non-western focus with an emphasis on Asia, Africa, and Latin America. MTC Goal Areas: (5) History and Social and Behavioral Sciences, and (8) Global Perspective. (Prerequisites: College-level reading and writing) (3 hrs lec/0 hrs lab/0 hrs OJT) Course Outcomes: The student will: *Analyze the histories of contemporary societies in a comparative manner *Connect topics in contemporary world history to current events to demonstrate how the past can inform us of the present *Understand the difference between primary and secondary historical source material *Research and compose organized and coherent written work *Identify key concepts, terms, and persons in a way that demonstrates an understanding of their significance to contemporary world history *Realize the importance of studying world history for global citizenship and the responsibility world citizens' share for their common global future.

ANCIENT WORLD HISTORY

Grades 10-12, 1 credit

Prerequisite: *Successfully complete Civics and U.S. History*

This course looks at early man through to the time of Revolution. This class will focus on the Ancient civilizations of Europe, the Middle East, and Asia. We will look at the geography, history, art and how they have influenced us today. This course will use various skills, such as: art, computer web searches, and reading and discussion. We may do field trips or have guest speakers.

CIVICS

Grade 9, 2 credits (Year-Long)

Prerequisite: *None*

This course covers the history of the United States government from its beginnings of the 13 colonies to present. Students will begin to understand the roles the US Constitution plays in their daily lives, as well as the branches of government and their role. They will look at the functions of government at the national, state, and local level. Students will also study the many different

roles of a US citizen. Students will begin to look at macro and micro economics and how current events may affect them. Students will use computers to research on-line sources and current events. Students will be required to take a hands on approach to civic duty and volunteer time in their local communities during the 2nd semester.

EXPLORING MN HISTORY

Grades 9-12, 1 credit

Prerequisite: None

This course explores the history of Minnesota from the ice age and early Native Americans to the events of today. Through a combination of text, internet sites, and class discussion students will gain an appreciation of the contributions made by those who came before us in the state we now call Minnesota.



GENERAL PSYCHOLOGY

Grade 11-12 (1 semester) 1.0 High School (1.5 High School credits if taken as a college course) Credit, 3 College Credits through Lake Superior College (Social Elective), CIS Course

Prerequisite: Student must pass College English Assessment Test. Seniors must have a 2.5 GPA and Juniors must have a 3.0 GPA

This class presents a general introduction to psychology as a biosocial science. This survey course will familiarize the student with the basic principles of psychology, show how psychologists employ the scientific method, and equip the beginning student of psychology with a working vocabulary of psychological terminology and critical thinking skills. Areas to be covered include research, the nervous system, learning, personality, memory, psychological disorders and therapy.

HISTORY OF GOVERNMENT

Grade 11-12 (1 semester)

Prerequisite: Students must have successfully completed US History

Students will study the three levels of American Government, and the three branches within the levels. Students will increase their knowledge of the need for law and government throughout the course of human history. Students will learn the influences of past forms of government and individuals that have had an affect on the making of the Constitution of the United States. Students will also explore other forms of government and ideologies.

HISTORY THROUGH SPORTS

Grades 9-12, 1 credit

Prerequisite: None

During this course students will be discussing major historical events and the connections they had with sports. This will not be a course based on trivia and statistics. Rather, this course will use sports, and the many documents surrounding the games, to ask questions and draw conclusions about the development of our history. We will take a look how sports changed history in regards to competition, gender, race, class, entertainment, and economics. We will also look at the evolution of sports throughout history and the reasons for the changes.

INTRODUCTION TO PHILOSOPHY

Grades 9-12, 1 credit

Prerequisite: None

This introduction to philosophy will first be about the nature of philosophical questioning. Why do philosophers feel the need to question what seems to be obvious? As a class we will discuss the major philosophers such as Aristotle, Socrates, Plato, and the influence that they had on others throughout history. In order to interrogate further the question of what philosophy is, we will raise questions about philosophy and cultures, philosophy and science, philosophy and religion, and philosophy in regards to our society.



INTRODUCTION TO SOCIOLOGY

Grades 11-12 (1 semester) 1.0 High School Credit (1.5 High School credits if taken as a college course), 3 College Credits through Lake Superior College (Social Elective), CIS Course

Prerequisite: Student must pass College English Assessment Test. Seniors must have a 2.5 GPA, Juniors must have a 3.0 GPA.

This basic course is highly recommended as the starting point from which students may logically proceed to higher level sociology classes. Students will be introduced to the fundamental concepts of the sociological perspective, including culture, socialization, organization, authority, deviance and inequality.

GEOGRAPHY OF NORTH AMERICA

Grades 10-12, 1 credit

Prerequisite: None

Geography of North America will consist of material that focuses on the five themes of geography: Location, Place, Human-Environment Interaction, Movement, and Religion. Students will use these five themes to learn about the continent on which we live. As a class, we will look at the many different regions of the United States, Canada, and Mexico along with the many characteristics that each region or part of the continent has.

CURRENT EVENTS

Grades 9-12, 1 credit

Prerequisite: None

Students will research newspapers on on-line materials to produce papers on a weekly basis. Students will use the APA format. Students will study a variety of topics associated with current events in an attempt to better understand global policies and politics. Students will discuss their views on social problems and issues using the fishbowl method of discussion. Students will be tested on a weekly basis using the Current Events Challenge questions in a variety of different formats.

PRINCIPLES OF ECONOMICS

Grades 11-12, 1 credit

Prerequisite: Must successfully complete Civics, and U.S. History

Students will study the basic concepts of personal economics. Subjects will include but not be limited to Consumerism, Analyzing Advertising, & Money Management. Credits Savings & Checking.



INTRODUCTION TO CRIMINAL JUSTICE

Grades 11-12, 1 credit (1.5 High School credits if taken as a college course), 3 College Credits through Lake Superior College

Prerequisite: None

Students enrolled in this course will be focusing on issues of criminal justice. Specific areas of interest may include, but are not limited to: the criminal justice system and its process, specific criminal case studies, the development of law, the criminal mind, police, courts, punishment, juvenile justice, forensic studies and crime scene investigation. Interested students will also receive information on careers in justice.

SERVICE LEADERSHIP

Grades 9-12, 1 credit

Prerequisite: None

What does it take to be a leader? Do you have the traits and the personality to be a leader? Why would someone want to be a leader? These are all questions that will be addressed with this course. As a class we will discuss the essential elements of leadership. We will research many leaders that have had a major influence on others. We will discuss their traits and qualities that made them the leaders they were. As a class we will also be providing services to those who may be in need. Connecting the school with the community by helping others will be an integral part of the course.

U.S. HISTORY

Grade 10, 2 credits (Year-Long)

Prerequisite: Must successfully complete Civics

Students in this course will look at the major themes in U.S. History, and see how our Nation has changed in addition to how our past has shaped our future. This class will also keep students up to date on current events so they see history in the making.



WORLD RELIGIONS

Grades 11-12, 1 credit (1.5 High School credits if taken for college credit), 3 credits from Lake Superior College

Prerequisite: None

This course looks at the religions that are practiced today. We will look at the oldest religions to the most recent. We will look at all religions so we will learn about other ideas to become less judgmental.

WORLD LANGUAGE COURSES

SPANISH I

Grades 9-12, 2 credits (Year-Long)

***Prerequisite:** Must have knowledge in the mechanics of the English language, and feel comfortable with grammar, and sentence structure.*

Spanish I is an introduction to the Spanish language through the use of oral practice, written and reading materials. Four area of emphasis includes speaking, listening, reading and writing in the Spanish language. Videos, music and games are used to reinforce these skills.

SPANISH II

Grades 9-12, 2 credits (Year-Long)

***Prerequisite:** Must have successfully completed Spanish I with a C or higher*

Spanish II is a direct continuation of Spanish I. This course stresses the skills of comprehension as well as speaking and writing. Students move towards more original expression in the Spanish language. It is very important that students know how to conjugate verbs and formulate a simple sentence before taking Spanish II.
