



**Glencoe-Silver Lake
High School
Registration Guide
2022-2023**

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Introduction

You are asked to study this guide carefully. There are a number of steps to follow as you go through this process.

- Know what courses you are required to take for graduation.
- Select alternate courses so that if you are not able to get your first selections, there will be additional courses from which to choose.
- If the course descriptions provided in the guide do not give you enough information, talk to a teacher in the department.
- Talk with the Guidance Counselor if, after reviewing this guide, you still would like more direction.
- Please discuss the content of the booklet with your parents. We hope your parents will make use of this opportunity to ask questions that they may have regarding trimester scheduling and the high school program.

We cannot stress enough the importance of taking time to study this guide and making appropriate decisions regarding course selection. Except for unique situations, we will not make schedule changes at the beginning of each trimester. The school district makes decisions regarding courses offered and staffing assignments based upon student course selection; therefore, you need to be confident in the courses you select. Do your homework now and make good decisions. Again, if you have questions, stop in the Guidance Office and we will assist you.

Graduation should be an important goal of every student. Besides meeting the requirements for graduation; choose subjects that have a purpose and direction for you. Choose the subjects that will enable you to do what you want to do in the future. For some of you, high school will be the last opportunity to receive any formal training. To others, your high school education will serve as a basis for future educational opportunities. To all of you, make the most of what Glencoe-Silver Lake High School has to offer. It will pay off in your future endeavors!

There will also be instances where students ***may have to take alternate courses because of schedule conflicts***. Making wise and permanent choices now will help to reduce the number of conflicts and ensure your placement in a desired course before it becomes filled.

On page 41-42 you will find a listing of all extracurricular activities and clubs available at GSL High School. Research indicates that students who are involved in activities are more successful in the classroom. By having a variety of offerings we hope to get all students involved in some type of activity outside of the classroom.

Non-Discrimination Policy

It is the policy of Glencoe-Silver Lake School District #2859 not to discriminate on the basis of sex, race, creed, color or physical disability in its educational programs, activities or employment practices and policies.

Inquiries regarding compliance with the non-discrimination titles and statutes may be directed to: Mr. Chris Sonju, Superintendent of Schools, Glencoe-Silver Lake Schools, 1621 East 16th Street, Glencoe, MN 55336.

Graduation Requirements

NOTE: No matter how many credits you attain, you always remain a member of the graduating class with which you start your high school career. As a result, the graduation requirements, which apply to your graduating class, always remain in effect until you successfully meet all requirements and are issued a diploma. Late graduates may not participate in GSL High School's commencement exercise.

1. Credit is granted on a Trimester basis. Successful completion of a Trimester's work is worth 1.0 credit. No classes may be repeated for credit with the exception of Band, Choir, and Modern Fiction.

Overview of testing for 2022-2023 Subject to change

9th Grade

No Testing Required by State or District

10th Grade

Minnesota Comprehensive Assessments (MCA) (Reading) (Science)
Minnesota Test of Academic Skills (MTAS)

Alternate assessments utilized by a small percentage of district special education students that take the place of MCA tests in reading and science.

11th Grade

Minnesota Comprehensive Assessments (MCA) (Math)
Minnesota Test of Academic Skills (MTAS)

Alternate assessments utilized by a small percentage of district special education students that take the place of MCA test in math.

ACT

College Entrance Exam (ACT test will be offered to students who wish to take it)

ASVAB

The ASVAB is a multiple-aptitude battery that measures developed abilities and helps predict future academic and occupational success in the military

12th Grade

No Testing if above tests have been completed

3. Early Graduation Requirements: Early graduation refers to students completing school requirements for graduation and attendance prior to the completion of the twelfth year. To be eligible for early graduation students shall:
 1. Have successfully completed all graduation requirements by the end of the 10th or 11th trimester.
 2. Submit an application to the high school principal during the first trimester of the senior year and receive approval from the principal and Board of Education for early graduation.
 3. Candidates for early graduation must not be a discipline problem and must have a good attendance record. These factors will be based on the findings of the administration, as early graduation is a privilege that must be earned.
 4. Early graduates are ineligible to participate in school activities after they finish their last Trimester of academic work. Early graduates will receive a high school diploma at the end of the school year and may participate in commencement exercises.
 5. Early graduates are eligible to participate in postsecondary enrollment options the 2nd half of the year they graduate in.

High School Registration

The registration process is one of the most important aspects of your high school experience. Your high school program should be planned with a great deal of serious thought, making use of advice from your parents, teachers and counselor. In planning your program, you should review the subjects you have taken previously and investigate any prerequisites that may be needed before taking a course in the future. You should attempt to take classes in your planned field of preparation as well as to develop some new areas of interest. Careful planning will help prevent future disappointment and academic and vocational deficits that can result from a careless selection of subjects.

Required and Elective Courses:

- Required classes are those that everyone must take in order to meet the State Department of Education and the Glencoe-Silver Lake Board of Education graduation requirements.
- Elective courses are those that a student may take to fulfill areas of interest and vocational goals.

In your planning, keep in mind the following:

- Graduation Requirements; including credits and the Minnesota Comprehensive Assessments (MCA's)
- Your Post-High School Plans
- College Entrance Requirements
- Second Language Requirements: Many colleges in the Upper Mid-West require that a student take a minimum of two years of a second language in order to meet high school preparation requirements. Please keep the second language requirement in mind when you register for classes.

The University of Minnesota and the State University System require two (2) consecutive years of the same second language for admission. If a student does not take a second language in high school, he/she will have to take the first year for no credit while in college. If you have taken two or three years of a second language in high school, you will have to take a proficiency test to determine where to start a college level course. See the University of Minnesota section college entrance requirements.

- College Credit Opportunities at GSL High School

Points to consider:

- Each student must register for six (6) subjects per trimester.
- Four of those subjects (4) must be in areas outside of physical education and music.
- Students who register for a Foreign Language should plan to complete at least two (2) consecutive years of the same language. Students registering for a Foreign Language must have better than average skill in English to be successful. This is not a requirement for a GSL diploma but many MN colleges prefer this line of study.
- Pay particular attention to the prerequisites that some courses may require.
- If you drop a class after the 1st week of the 1st, 2nd or 3rd trimester, you will receive an "F" for the trimester affected.
- All classes will count equally in Grade Point Averages.
- College/AP courses can not be dropped after the first week in September.

Transfer Registration

Grading/Transcripts/HS Diploma

- Students enrolled by October 1st of each year will be included in the ranking for their class that year.
- Non-traditional courses taken with non-licensed instruction will be graded as S/U credit and will not factor into GPA calculations. Non-traditional courses included: homeschool credit, credit recovery, pass/fail courses and anything else the HS Principal deems as Non-traditional.
- Students may have no more than 22 S/U credits of their 66 total credits for graduation. This includes homeschool classes offered by non-certified instruction.
- Summer school and night school courses taught in full by MN-certified instruction.
- To graduate from Glencoe-Silver Lake High School, and you're splitting time with another HS institution (online), you must receive more than 50% of your credits during your senior year at GSL HS.
- Students must be full-time enrolled third trimester at Glencoe-Silver Lake High School to participate in commencement. This does not include PSEO and/or Alternative Learning Center students. This does not preclude someone from earning a diploma here.
- Foreign exchange students are not ranked, but may receive a HS diploma if they meet all credit and testing requirements set forth by the District and State.

College/University Credit Opportunities

College, AP (Advanced Placement)

Students who take these courses are able to learn a subject in greater depth, to develop analytical reasoning skills and to form disciplined study habits that can contribute to continued success at the college level. These courses can give students confidence that they can successfully meet the academic demands of college. Satisfactory AP scores or successful completion of a college course, as determined by higher education institutions, allow students to bypass introductory-level courses in college and pursue more advanced studies.

Benefits:

- Provides challenging, college-level work and the chance to earn college credit for students on the high school campus.
- Reduces educational costs for parents and saves time and money for students.
- Gives students the opportunity to gain time during college to explore additional subject areas, to participate in internships or to study abroad.
- Fosters leadership qualities in outstanding students.
- Accelerates learning and rewards achievement.
- Motivates students to improve study habits.
- Indicates to the public that schools value intellectual achievement and academic excellence.
- Increases collaboration between colleges/universities and high schools.

Improves the curriculum for all students when teachers participate in training and utilize prepared teachers guides developed by national expertise for each discipline.

These courses are introductory college courses, so they are not easy, but neither are they impossibly difficult. Compared to your regular high school courses, these courses will probably be more demanding – and more rewarding. These courses often require more time and work, but they give you greater opportunity to master a subject and to explore it in greater depth. Meeting the demands of these courses is an investment of effort that will be amply repaid.

© College Courses:

GSL High School offers the following college courses:

| GSL Course | College Credit |
|-------------------------------|----------------|
| Essentials of Speaking/Listen | 3 credits |
| College Calculus | 5 credits |
| College Pre-Calculus | 5 credits |
| College Intro to Auto Tech | 2 credits |
| Concert Choir | 1 credit |
| Concert Band | 1 credit |
| CIS Mobile Computer Science | 4 credits |
| CIS Political Science 120 | 3 credits |
| | |

Φ Advanced Placement (AP) Program:

GSL High School offers the following AP course:

- AP English Literature & Composition

The graphic (©,Φ) in front of each of these programs will show up throughout the course description section of this booklet. If a course has one of these graphics after its title, it is associated with that particular program.

Minnesota Tech Prep: Articulation Agreements

Δ Articulation Agreements

What is an Articulation Agreement? This is an agreement between GSL High School and Technical and Vocational Schools that states a class is meeting all the requirements for students to receive credit at certain technical and community college they attend.

GSL Courses with Articulation Agreements:

| GSL Course | College Credit |
|--|-----------------------|
| Infants, Toddlers, & School Age (3 tris) | 3 credits |
| Fashion Merchandising | 3 credits |
| Culinary Arts | 2 credits |
| Culinary Entrepreneurship (1 tri) | 3 credits |
| Accounting (2 tris) | 2-4 credits |
| Business Applications 2 | 2-4 credits |

Ninth and Tenth Grade students do not qualify for college credit by completing these courses. They will receive an Industry Standard Certificate.

Students must maintain a B average to earn college credit. Students need to talk with the instructor or Ms. Schmidt to determine which technical or community college accepts these courses for credit.

The graphic (Δ) by each of these programs will show up throughout the course description section of this.

Choice Programs

Minnesota Post-Secondary Enrollment Options Act (MNPSEO)

A student may choose to take post-secondary courses for high school and post-secondary credit if they are not full-time (6 hours) at the high school. Tuition, fees, and required textbooks are provided at no cost if the student enrolls for high school credit. Students are expected to inform the high school counselor by March 30 of their intent to participate in the program. The post-secondary enrollment options act allows any eligible 10th, 11th or 12th grade high school student to attend a post-secondary school for the upcoming school year.

Academic year calendars at post-secondary institutions are mostly on a semester basis; the post-secondary student should be aware that the Glencoe/Silver Lake High School academic year calendar will not correspond to the post-secondary school's calendar. Therefore, the student should make plans accordingly.

The ratio of undergraduate semester credit hours to Glencoe/Silver Lake High School graduation credits is listed below. In addition, the grade earned in a college course is the grade that will be used for determination of the cumulative grade point average at Glencoe/Silver Lake High School.

- 4 college credits is equivalent to 2 credits at GSL
- 3 college credits is equivalent to 1.5 credit at GSL
- 2 college credits is equivalent to 1 credit at GSL
- 1 college credit is equivalent to .50 credit at GSL

Textbooks purchased for these classes are solely the property of the post-secondary institution, not the high school.

High School Graduation Incentives Program (HSGI)

The High School Graduation Incentives Program enables all Minnesota students who have experienced or are experiencing difficulties in the traditional education system to enroll in alternative programs. The HSGI Law defines an eligible student as behind in school, pregnant, chemically dependent, or a parent. For more information contact your high school counselor.

CLEP (College Level Exam Program)

CLEP is a credit-by-examination program that offers students the opportunity to receive college credit by earning qualifying scores on exams. 33 exams are available in introductory college-level subjects. Students can earn from 3 to 12 college credits toward a college degree, depending on the exam subject and the policy of the college or university.

After successful completion of a course or series of courses at GSL HS students may be prepared to take a CLEP exam in that subject area. If interested, students are encouraged to discuss this option with the Guidance Counselor. More information about CLEP can be found in the Guidance Office or at www.collegeboard.com/CLEP.

Minnesota Career Information Systems www.mncis.intocareers.org

Students may log on to this website to find valuable information on careers, colleges, and free ACT test prep. Students can access the site with User Name: gsl and Password: careers. Once in, they should then create their own account. This site also compares colleges for you. There are many national scholarships in their database that will be of interest to students and their families.

Suggested Program Planning for College MN Technical College Students

Students planning to attend a technical college or enter directly into the world of work through on-the-job training or apprenticeship training should select high school courses that provide for the academic background and hands-on skills necessary for success in technical college.

NOTE: Machine Tool Technology and other technical training programs require a higher math—Algebra, Geometry or Advanced Algebra. Medical Lab Technician, Veterinary Assistant and Photography require chemistry.

It is advised that students plan a rigorous schedule that minimally includes:

| | |
|--------------------------|---|
| English: | 4 years with emphasis on writing, speaking, listening and reading |
| Social Studies: | 3 years including Civics, American History, a minimum of one trimester of a Social elective which has a “world” focus and another trimester chosen by the student |
| Mathematics: | 3 years including Algebra, Geometry and Advanced Algebra |
| Science: | 3 years including Physical Science, Biology, Chemistry and/or Physics |
| The Arts: | ½ to 2 years including music, art, drama and creative writing |
| Computer Literacy | 1 to 2 years |

Electives in Industrial Technology, Agriculture Education, Art, FACS or Business/Computers

Become familiar with training schools and programs by reading the available career literature and information. Pay close attention to the school catalog. Investigate which high school classes are recommended preparation for various careers.

Acceptance into a particular technical college and/or program of study is often open to any student usually on an “admit as room is available” basis. Before enrollment is considered complete, you must take the Computerized Placement Test (CPT) in reading, writing and mathematics. The CPT test is primarily a placement test to find out if you need developmental courses in English and Mathematics.

Students are encouraged to submit applications early in their senior year.

TECH PREP – ARTICULATION AGREEMENTS: *You may receive college credit for classes you take in high school - students need to refer to page 8 for classes that offer articulation agreements.*

Suggested Program Planning for College 4-Year College Students (or 2 year transfer degree students)

Students planning to attend college should select high school courses that provide for the academic background necessary for success in college. It is advisable that students plan a rigorous schedule that minimally includes:

English: 4 years with emphasis on writing, speaking, grammar, listening, and reading

Social Studies: 3.5 years including Civics, American History, and Geography. *State Standards now require 1 year of Economics/World History (Senior Social will fulfill this requirement). In addition, optional electives in Psychology, and AP Government are highly recommended

Mathematics: 3 years including Algebra, Geometry, and Advanced Algebra. It is highly recommended that you take 4 years of math

Science: 3 years including Physical Science, Biology, Chemistry and/or Physics. It is highly recommended that you take 4 years of science.

Second Language: 2 to 3 years consecutive of the same second language

The Arts: ½ to 2 years including music, art, drama and creative writing

Computer Literacy: 1 year

Admission Standards

Qualifying admission standards vary among college, ranging from the very highly selective schools who are looking for high achievement and high test scores in applicants, to those open to virtually any high school graduate regardless of high school rank or test scores. All colleges, however, look for student characteristics that include:

A good academic record in a solid college preparatory high school program

Recommendations which include support for academic and personal growth

Admission test(s)

Commitment or involvement in some school extra-curricular or community service

Personal qualities such as energy, initiative, motivation, leadership, and creativity

Admission Tests

Colleges expect every applicant to submit scores from at least one admission test, which along with high school records, would support the student's potential to handle college level work. The two most commonly used admission tests include the SAT and ACT; the PSAT is also described:

- **Preliminary Scholastic Aptitude Test (PSAT)**--offered in October of the junior year. This is the test required for entrance into the National Merit Scholarship competition (including college and corporate sponsored merit scholarships); it can be taken only one time. The PSAT is a good predictor of success in skills important for 4-year college (verbal, math and writing). A, A-, and B+ average students are encouraged to take the PSAT.
- **American College Test (ACT)** -- offered in the junior or senior year. This test is required for admission by ALL Minnesota and Upper-Midwest 4-year Colleges. This test can be re-taken in order to improve score. The ACT test is taken at a National Test Center on a Saturday. National Test Dates are in September, October, December, February, April and June; the first recommended test date for juniors is April.
- **SAT I Reasoning Test/SAT II Subject Tests**—offered in the junior or senior year. This test is often recommended by east and west coast colleges and required for students who are National Merit semi-finalists. Some students may also need to write Achievement Tests (subject area tests) if applying to highly selective colleges. Achievement tests and the SAT are both sponsored by the College Board and are typically given on the same national test dates.

COLLEGE CREDIT COURSES: *You may receive college credit for classes you take in high school - students need to refer to page 6 for classes that offer college credit*

Minnesota State University System Fact Sheet

High School Preparation Requirements

State University System refers to Institutions such as St. Cloud State University, Minnesota State University, Mankato, Winona, Moorhead.

What High School Courses Are Required For Admission To A Minnesota State University? Students seeking admission to a Minnesota State University must complete the following pattern of courses in grades 9-12

- 4 years of English
- 3 years of Math (2 years of algebra and 1 year of geometry)
- 3 years of Science (1 year each of physical and a natural science with all courses including significant laboratory experiences)
- 3.5 years of Social Studies including 1 year each of U.S. History and Geography. *State Standards now require 1 year of Economics/World History.
- 2 consecutive years of the same World Language.
- 1 year specific electives—either World Culture or the Arts

Who Decides What High School Courses Meet These New Requirements? Each high school will determine which courses satisfy MSUS requirements based on a published set of general guidelines.

What If A Student Doesn't Know If Or Where He/She Will Attend College? The pattern of courses being required for admission to a Minnesota State University is consistent with the requirements of the University of Minnesota, the University of Wisconsin system, and the North Dakota Public Universities as well as many other postsecondary institutions and systems across the country. In addition, this pattern of courses will support a student's ability to succeed in life regardless of whether he/she chooses to pursue a postsecondary education.

State Universities: The student must rank in the top half of his/her class or obtain a satisfactory minimum composite score on the ACT. The college bound student should take college preparatory courses during high school. If a student doesn't attain a certain minimum score on the ACT, college remedial courses must be taken. Most State Universities make a provision for "special admission" on a space available basis.

College Entrance Requirements - U of MN, Twin Cities College Of Liberal Arts Students are admitted on the basis of their high school rank and test score.

Grades 9-12

- 4 years of English
- 4 years of Mathematics—including 2 years Algebra (1 year advanced or intermediate) and 1 year Geometry
- 3 years Science including 1 year each of Biological and Physical Science
- 3.5 years of Social Studies including U.S. History and Geography.
- Also, one year in The Visual or Performing Arts. The U of M also strongly urges students to develop skills in using computers.
- 2 years of one Second Language: CLA encourages prospective students to complete as much second language study as possible (3 years)

High School Chemistry must be taken if you plan to take a College Chemistry classes.

In addition to the preparation requirements, the basic criterion for now reflects the university's belief that admissions to all Freshman admitting colleges (COAFES, Biological Sciences, Human Ecology, CLA, Carlson School of Management, Natural Resources and IT) be based on an "overall assessment" of each applicants record.

Institute Of Technology

Apply by December 15 for priority consideration.

4-years Math—including Geometry in two and three dimensions and Trigonometry/Pre-Calculus

1-year each Physics, Chemistry and Biology 2-years of a single Second Language

Carlson School of Business

Freshman admission to the Carlson School is very competitive; to be considered for admission, freshman applicants must:

1. Complete all high school course preparation requirements (competitiveness of curriculum is vital!)
 2. Present a high cumulative GPA and high ACT Score.
 3. Show evidence of strong leadership and service
- Carlson School Freshman admission applicants are encouraged to submit an "activities resume".

General College

For the General College there is no automatic admission standard. General College is usually for students not accepted to one of the freshman admitting colleges.

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



Eligibility Center

Divisions I and II Initial-Eligibility Requirements

Core Courses

- NCAA Division I requires 16 core courses. NCAA Division II currently requires 14 core courses. Division II will require 16 core courses for students enrolling on or after August 1, 2013. See the charts below.
- NCAA Division I will require 10 core courses to be completed prior to the seventh semester (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become "locked in" at the seventh semester and cannot be retaken for grade improvement.
 - Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.

Test Scores

- Division I uses a sliding scale to match test scores and core grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- Division II requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading and science.
- When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.

Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- Division I students enrolling full time before August 1, 2016, should use Sliding Scale A to determine eligibility to receive athletics aid, practice and competition during the first year.
- Division I GPA required to receive athletics aid and practice on or after August 1, 2016, is 2.000 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- Division I GPA required to be eligible for competition on or after August 1, 2016, is 2.300 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- The Division II core GPA requirement is a minimum of 2.000.
- Remember, the NCAA GPA is calculated using NCAA core courses only.

DIVISION I 16 Core Courses

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

DIVISION II 14 Core Courses

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

DIVISION II 16 Core Courses (2013 and After)

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

GSL High School 4 Year Plan (Class of 2025 and 2026)

Each course is worth 1.0 credit per trimester . These classes must have a total of 66 graduation credits.

| Freshman Year | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Tri 1 | Tri 2 | Tri 3 |
| English 9 | English 9 | English 9 |
| Explore | 9 th Grade Geography | 9 th Grade Geography |
| Hon. Geometry/Geometry/Basic Algebra | Hon. Geometry/Geometry/Basic Algebra | Hon. Geometry/Geometry/Basic Algebra |
| Physical Science | Physical Science | Physical Science |
| PE 9 A | PE 9 B | <i>Elective</i> |
| <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |

| Sophomore Year | | |
|------------------------------------|------------------------------------|------------------------------------|
| Tri 1 | Tri 2 | Tri 3 |
| English 10 | English 10 | English 10 |
| American History | American History | American History |
| Hon. Adv.Algebra/Int. Alg/Geometry | Hon. Adv.Algebra/Int. Alg/Geometry | Hon. Adv.Algebra/Int. Alg/Geometry |
| Biology | Biology | Biology |
| Health 10 | <i>PE Class or Elective</i> | <i>Fine Arts or Elective</i> |
| <i>Computer or Elective</i> | <i>Elective</i> | <i>Elective</i> |

| Junior Year | | |
|--|--|--|
| Tri 1 | Tri 2 | Tri 3 |
| American Literature | American Literature | Essentials of Speaking and Listening (2 Tris), Creative Writing, Drama, Exploring Literature in Media, Whodunnit, MN Authors, Growing Up |
| Junior Social Studies | Junior Social Studies | Junior Social Studies |
| College Pre-Calc, Adv. Alg./Hon. Adv. Alg. | College Pre-Calc, Adv. Alg./Hon. Adv. Alg. | College Pre-Calc, Adv. Alg./Hon. Adv. Alg. |
| CIS Chemistry/Physics/ Chemistry | CIS Chemistry/Physics/ Chemistry | CIS Chemistry/Physics/ Chemistry |
| <i>PE Class or Elective</i> | <i>Computer or Elective</i> | <i>Elective</i> |
| <i>Fine Arts or Elective</i> | <i>Elective</i> | <i>Elective</i> |

| Senior Year | | |
|--|--|---|
| Tri 1 | Tri 2 | Tri 3 |
| English Communications 12 or AP Eng. Lit | English Communications 12 or AP Eng. Lit | Same as Trimester 3 Junior year , Senior Comp |
| Senior Social or CIS Political Science | Senior Social or CIS Political Science | Senior Social or CIS Political Science |
| <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |
| <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |
| <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |
| <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |

| Required Courses for the Class of 2022 and beyond | | | |
|---|------------|--------------------|------------|
| English | 12 credits | Social Studies | 11 credits |
| Mathematics | 9 credits | Science | 9 credits |
| Health | 1 credit | Computer | 2 credit |
| Physical Education | 3 credits | Explore | 1 credits |
| Electives | 16 credits | Fine Arts Elective | 2 credit |

GSL High School 4 Year Plan (Class of 2023 and 2024)

Each course is worth 1.0 credit per trimester . These classes must have a total of 60 graduation credits.

| Freshman Year | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Tri 1 | Tri 2 | Tri 3 |
| English 9 | English 9 | English 9 |
| Explore | 9 th Grade Geography | 9 th Grade Geography |
| Hon. Geometry/Geometry/Basic Algebra | Hon. Geometry/Geometry/Basic Algebra | Hon. Geometry/Geometry/Basic Algebra |
| Physical Science | Physical Science | Physical Science |
| PE 9 A | PE 9 B | <i>Elective</i> |
| <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |

| Sophomore Year | | |
|------------------------------------|------------------------------------|------------------------------------|
| Tri 1 | Tri 2 | Tri 3 |
| English 10 | English 10 | English 10 |
| American History | American History | American History |
| Hon. Adv.Algebra/Int. Alg/Geometry | Hon. Adv.Algebra/Int. Alg/Geometry | Hon. Adv.Algebra/Int. Alg/Geometry |
| Biology | Biology | Biology |
| Health 10 | <i>PE Class or Elective</i> | <i>Fine Arts or Elective</i> |
| <i>Computer or Elective</i> | <i>Elective</i> | <i>Elective</i> |

| Junior Year | | |
|--|--|--|
| Tri 1 | Tri 2 | Tri 3 |
| American Literature | American Literature | Essentials of Speaking and Listening (2 Tris), Creative Writing, Drama, Exploring Literature in Media, Whodunnit, MN Authors, Growing Up |
| Junior Social Studies | Junior Social Studies | Junior Social Studies |
| College Pre-Calc, Adv. Alg./Hon. Adv. Alg. | College Pre-Calc, Adv. Alg./Hon. Adv. Alg. | College Pre-Calc, Adv. Alg./Hon. Adv. Alg. |
| CIS Chemistry/Physics/ Chemistry | CIS Chemistry/Physics/ Chemistry | CIS Chemistry/Physics/ Chemistry |
| <i>PE Class or Elective</i> | <i>Computer or Elective</i> | <i>Elective</i> |
| <i>Fine Arts or Elective</i> | <i>Elective</i> | <i>Elective</i> |

| Senior Year | | |
|--|--|---|
| Tri 1 | Tri 2 | Tri 3 |
| English Communications 12 or AP Eng. Lit | English Communications 12 or AP Eng. Lit | Same as Trimester 3 Junior year , Senior Comp |
| Senior Social or CIS Political Science | Senior Social or CIS Political Science | Senior Social or CIS Political Science |
| <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |
| <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |
| <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |
| <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |

| Required Courses for the Class of 2022 and beyond | | | |
|---|------------|--------------------|------------|
| English | 12 credits | Social Studies | 11 credits |
| Mathematics | 9 credits | Science | 9 credits |
| Health | 1 credit | Computer | 2 credit |
| Physical Education | 3 credits | Explore | 1 credits |
| Electives | 10 credits | Fine Arts Elective | 2 credit |

How to Read Course Descriptions

In the following section are the course descriptions for all courses offered at GSL High School. Please review the description for information regarding what the course involves so you can make informed decisions on what courses to register for.

Courses are open to students in the grades for which the courses have been designated. Pay close attention to required prerequisites, whether it is a semester or year-long course, which semester(s) a course is offered and whether it is a required or elective course.

A sample course description is offered to assist you in reading this section of the Registration Guide:

(1) **(2)** **(3)**
 129 College Calculus
 (Trimester) **(4)** Grades 12 **(5)** Elective **(6)**
 Must have a grade point average of 3.0 or higher **(7)**
 Prerequisite: Trigonometry/Pre-Calculus **(8)**

(9)

Tech Prep Program Articulated Course: 3 college semester credits available through numerous Technical Colleges.

(10)

Challenge Program Course: Students may receive 3 college semester credits upon successful completion of this course.

- | | |
|--|--|
| <p>(1) Course Number</p> <p>(3) Graphic depicts type of college-level course</p> <p>(5) Grade level course is open to</p> <p>(7) Grade Point requirement if required</p> <p>(9) Articulated Course</p> | <p>(2) Course Title</p> <p>(4) Trimester course is offered</p> <p>(6) Where course is an elective or required</p> <p>(8) Prerequisite courses if required</p> <p>(10) College Course</p> |
|--|--|

*** Course has a prerequisite**

+ Course has a GPA requirement

| AGRICULTURE/INDUSTRIAL TECH | | | |
|-----------------------------|--------------------------|-------|--------|
| 001 | Farm to You | 9-10 | 1 Tri |
| 002 | Animal Science | 9-12 | 1 Tri |
| 003 | Small Animal Vet Science | 9-12 | 1 Tri |
| 004 | Small Gas Engines | 9-12 | 1 Tri |
| 005 | Adv. Small Gas Engines * | 9-12 | 1 Tri |
| 006 | Welding A | 9-12 | 1 Tri |
| 110 | Welding B* | 9-12 | 1 Tri |
| 106 | Welding C* | 11-12 | 1 Tri |
| 007 | Ag Work Placement | 11-12 | 3 Tris |
| 008 | Ag Communications | 11-12 | 1 Tri |
| 009 | Personal Leadership | 11-12 | 1 Tri |
| 010 | Nursery Landscape | 9-12 | 1 Tri |
| 011 | MN Wildlife and Cons. | 9-12 | 1 Tri |
| 012 | Food Chemistry | 11-12 | 3 Tris |
| 013 | Crop & Soil Science | 11-12 | 1 Tri |
| 014 | Independent Ag | 11-12 | 1 Tri |
| 015 | Summer Ag | 9-12 | 1 Tri |
| 100 | Woods A | 9-12 | 1 Tri |
| 101 | Woods B * | 9-12 | 1 Tri |
| 102 | Woods C * | 9-12 | 1 Tri |
| 103 | Basic Homeowner | 10-12 | 1 Tri |
| 104 | Construction A | 9-12 | 1 Tri |
| 105 | Construction B * | 9-12 | 1 Tri |
| 107 | Home Décor/DIY | 9-12 | 1 Tri |
| 108 | Intro to Automotive Tech | 10-12 | 1 Tri |

| BUSINESS | | | |
|----------|---------------------------|-------|--------|
| 040 | Keyboarding | 9-12 | 1 Tri |
| 041 | Business Applications I | 9-12 | 1 Tri |
| 042 | Business Applications 2 * | 9-12 | 1 Tri |
| 044 | Business Applications 3 * | 10-12 | 1 Tri |
| 046 | Accounting | 10-12 | 2 Tris |
| 047 | Accounting 2 * | 10-12 | 1 Tri |
| 048 | Mon Mgt/Recordkeeping | 10-12 | 1 Tri |
| 222 | CIS-Mobile Computer Sci | 11-12 | 3 Tris |

| ENGLISH | | | |
|---------|--------------------------------|-------|--------|
| 060 | English 9 | 9 | 3 Tris |
| 061 | English 10 | 10 | 3 Tris |
| 062 | American Literature | 11 | 2 Tris |
| 063 | AP English Lit & Comp | 12 | 2 Tris |
| 064 | English 12 | 12 | 2 Tris |
| 065 | Hope and Survival | 11-12 | 1 Tri |
| 066 | Whodunnit? | 11-12 | 1 Tri |
| 067 | Senior Composition | 12 | 1 Tri |
| 068 | Drama | 11-12 | 1 Tri |
| 069 | Essentials of Speak & Listen * | 11-12 | 2 Tris |
| 070 | Creative Writing | 11-12 | 1 Tri |
| 073 | MN Authors | 11-12 | 1 Tri |
| 074 | Humor 101 | 11-12 | 1 Tri |
| 075 | Coming of Age | 11-12 | 1 Tri |

| VISUAL ARTS/MEDIA ARTS | | | |
|--|--------------------------|-------|----------|
| *Can be taken more than one trimester | | | |
| 020 | 2-D Art/Design * | 9-12 | 1-3 Tris |
| 021 | Drawing/Illustration * | 9-12 | 1-3 Tris |
| 022 | Painting* | 10-12 | 1-3 Tris |
| 025 | Pottery/Ceramics* | 9-12 | 1-3 Tris |
| 027 | Studio Art* | 11-12 | 1-3 Tris |
| 030 | Photography/Media Arts* | 10-12 | 1-3 Tris |
| 109 | Computer Graphic Design* | 9-12 | 1 Tri |

| FACS | | | |
|------|---------------------------|-------|-------|
| 089 | Culinary Entrepreneurship | 11-12 | 1 Tri |
| 090 | Fashion Merchandising | 10-12 | 1 Tri |
| 091 | Explore | 9 | 1 Tri |
| 092 | Living On Your Own | 11-12 | 1 Tri |
| 093 | Creative Foods | 9-12 | 1 Tri |
| 094 | World Foods * | 10-12 | 1 Tri |
| 095 | Housing & Int Design | 10-12 | 1 Tri |
| 096 | Infants | 10-12 | 1 Tri |
| 097 | Toddlers | 10-12 | 1 Tri |
| 098 | School Age Child 3-6 | 10-12 | 1 Tri |
| 099 | Careers in Health Care | 11-12 | 1Tri |
| 115 | Culinary Arts* | 10-12 | 1 Tri |

*** Course has a prerequisite**

+ Course has a GPA requirement

MATHEMATICS

| | | | |
|-----|------------------------|-------|--------|
| 121 | Basic Algebra | 9 | 3 Tris |
| 122 | Geometry | 9-10 | 3 Tris |
| 123 | Honors Geometry | 9 | 3 Tris |
| 124 | Adv Algebra | 11-12 | 3 Tris |
| 120 | Inter Algebra | 10 | 3 Tris |
| 125 | Honors Adv. Algebra | 10-11 | 3 Tris |
| 126 | Math Analysis | 11-12 | 3 Tris |
| 127 | College Pre-calculus + | 11-12 | 3 Tris |
| 129 | College Calculus + | 12 | 3 Tris |

SCIENCE

| | | | |
|-----|--------------------------|-------|--------|
| 210 | Physical Science | 9 | 3 Tris |
| 211 | Biology | 10 | 3 Tris |
| 214 | High School Chemistry | 11-12 | 3 Tris |
| 012 | Food Chemistry | 11-12 | 3 Tris |
| 216 | Physics | 11-12 | 3 Tris |
| 217 | Human Anat. & Physiology | 11-12 | 3 Tris |
| 218 | Intro to Biochemistry* | 12 | 1 Tri |
| 219 | Astronomy/Space Science* | 10-12 | 1 Tri |
| 220 | Environmental Science* | 10-12 | 1 Tri |
| 222 | CIS-Mobile Computer Sci | 11-12 | 3 Tris |

MUSIC

| | | | |
|---------|-----------------------------------|------|--------|
| 150 | Symphonic Band | 9-10 | 3 Tris |
| 151 | 9/10 Singers | 9-10 | 3 Tris |
| 152/153 | Symphonic/Singers # (EOD) | 9-10 | 3 Tris |
| 155 | Concert Band | 9-12 | 3 Tris |
| 156 | Concert Choir | 9-12 | 3 Tris |
| 157/158 | Concert Band/Choir # (EOD) | 9-12 | 3 Tris |

#Every other day band and choir (EOD). Must register both course numbers.

WORLD LANGUAGE

| | | | |
|-----|----------------------|-------|--------|
| 260 | Spanish I | 9-12 | 3 Tris |
| 261 | Spanish II | 10-12 | 3 Tris |
| 262 | Spanish III | 11-12 | 3 Tris |
| 263 | Spanish IV | 11-12 | 3 Tris |
| 264 | Spanish for Heritage | 9-12 | 3 Tris |

PHYSICAL EDUCATION

| | | | |
|-----|---------------------------|-------|--------|
| 190 | Physical Education 9 | 9 | 2 Tris |
| 191 | Health 10 | 10 | 1 Tri |
| 192 | Team Sports 1 | 10-12 | 1 Tri |
| 193 | Team Sports 2 | 11-12 | 1 Tri |
| 194 | Team Sports 3 | 11-12 | 1 Tri |
| 195 | Personal Fitness 1 | 10-12 | 1 Tri |
| 196 | Personal Fitness 2 | 10-12 | 1 Tri |
| 197 | Personal Fitness 3 | 11-12 | 1 Tri |
| 198 | Personal Fitness 4 | 11-12 | 1 Tri |
| 202 | Indoor/Outdoor Recreation | 10-12 | 1 Tri |
| 203 | Unified PE | 10-12 | 1 Tri |

SOCIAL STUDIES

| | | | |
|-----|--|-------|----------|
| 240 | 9 th Grade Geography | 9 | 2 Tris |
| 241 | American History | 10 | 3 Tris |
| 242 | Junior Social Studies | 11 | 3 Tris |
| 243 | Senior Social Studies | 12 | 3 Tris |
| 244 | Holocaust/Mod. Human | 10-12 | Fall Tri |
| 245 | 20 th Century U.S. Military | 11-12 | Fall Tri |
| 246 | Psychology | 11-12 | Fall Tri |
| 247 | CIS Political Sci 120 | 12 | 2 Tris |
| 248 | History through Media | 10-12 | 1 Tri |

Agriculture

Students are not able to drop courses once enrolled.

001 Farm to You! Basic Ag

Grades 9-10 Elective (1 Trimester)

Take a look at the many facets of agriculture! This course is an introductory course designed to expose students to different disciplines of the agriculture industry. Students will gain knowledge in animal science, plant science, soil science, natural resources, ecology principles, public speaking, and FFA opportunities. Instruction and student learning will occur through student activities and projects, group discussions, hands on experiences, FFA experiences, CDE participation, and their SAE program.

002 Animal Science

Grades 9-12 Elective (1 Trimester)

This course provides an overview of animal production systems for dairy, beef, sheep, goats, swine, poultry, aquaculture, and bees. Students will study animal behavior, body systems, nutrition, reproduction, and genetics. Students will also conduct studies in animal rights, welfare and biotechnology. This course features strong lab and field trip components to explore and compare livestock production, practice livestock evaluation and observe facilities. Animal Science truly is "learning by doing!"

003 Small Animal Veterinary Science

Grades 9-12 (1 Trimester)

Become an expert in small animals by using medical terminology and digging into the mind of veterinarians and medical professionals! A strong emphasis of this course will be placed upon animal behaviors & handling techniques, body systems & functions, general animal health & nutrition, and animal care needs. Be prepared for hands-on labs, team-activities, and problem-solving projects. If you love learning about dogs, cats, horses, fish, birds, rabbits, reptiles, and who knows what else, you'll enjoy the lingo of this course and will discover other careers associated with livestock and companion animals.

004 Small Gas Engines

Grades 9-12 Elective (1 Trimester)

This course is designed to give students a strong working knowledge of small, single cylinder gas engines in the range of 3-8 horsepower. Students will learn about carburetor theory, magneto ignition systems, and other engine operation systems. Students will learn how to take measurements of various components using specialized equipment. In addition to completing part and tool ID, students will disassemble a standard Briggs and Stratton engine and reassemble it as part of their course work.

005 Advanced Small Gas Engines

Grades 9-12 Elective (1 Trimester)

Prerequisite: Small gas engines

Students will learn a deeper understanding of small gas engine electric systems and carburetion systems. Students will learn about small gas engine repair facilities and running their own mock one. Students will be responsible for bringing in or finding their own projects to work on during class. Students will be responsible for the cost of parts for fixing said projects.

006 Welding A

Grades 9-12 Elective (1 Trimester)

This course will introduce students to the basic principles and techniques used in the modern welding industry. Students will first complete a 2-week safety introduction and be held to a "workplace" standard throughout the trimester. Students will cover a variety of welding techniques, tools and metals each week. Sufficient time will be spent in the shop during this course, where students will be producing beads and joints within various welding processes and are required to be completed to pass this course. Welding processes may include the following: Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding and Plasma Cutting.

110 Welding B

Grades 9-12 Elective (1 Trimester)

Prerequisite: Welding A (006)

This course will further student experience and knowledge of basic principles and techniques used in the modern welding industry. Students will advance their welding techniques and use new tools and metals. A majority of time will be spent in the shop during this course, where students will be improving their beads and joints, and applying the mastered skills to basic metals projects. Students will also explore careers related to power, structure and technical systems. Welding processes may include the following: Oxyacetylene, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding, Torch cutting, and Plasma Cutting.

106 Welding C**Grades 11-12 Elective (1 Trimester)**

Prerequisite: Welding A(006) and Welding B (110)

Advanced Metal Technology is designed to provide the students with advanced experiences in the hands-on units covering Metals and Welding. Students will design, layout and fabricate projects using processes and procedures found in the metal-working industry using skills attained in the prerequisite courses. Students will complete a required metals/machine project and a project of interest. The required project will be produced using welding/machining skill at a high level. The instruction will cover welding and fabricating in addition to advanced metalworking techniques and procedures. **Students will be responsible for the cost of projects.**

007 T1 Ag Work Placement**007 T2 Grades 11-12****007 T3 Can be taken multiple trimesters**

This class is in place of a study hall.

Students will be employed by an off-campus job site related to agriculture, food or natural resources. . All placements need to be scheduled during 7th period. The students will meet periodically in the classroom to practice job skills including work conduct, resumes, interviews, teamwork and evaluating job performances. Students will keep records of time worked and activities/skills performed. Students enrolled in this course must have a satisfactory attendance record and should have a minimum 2.0 GPA.

009 Personal Leadership**Grades 11-12 Elective (1 Trimester)**

“Leadership is not a position or a title, it is action and example.” Believe it or not, we all have the skills and characteristics it takes to be leaders in our homes, schools and communities. Dive into your own leadership ability through Personal Leadership, where you will experience team building at its finest, work with world-renowned leaders and give back to our community. Content in this class span from individual growth and reflection, to public speaking and parliamentary procedure. The culture of this course even provides a unique opportunity for you to give a TED talk and lead the class.

008 Ag Communications & Issues**Grades 11-12 Elective (1 Trimester)**

The agricultural industry is constantly under pressure from consumers to meet their needs and answer their questions. Is my food safe? Are animals cared for? Is our environment being polluted? Most agriculturalists are trying to find the balance between what they are able to do to maintain their production while matching the current market trends. American agriculture comes under fire from consumers, government agencies, and environmental interest groups, just to name a few sources of criticism. The greatest deficiency of agricultural production and processing operations is effective communication. Agricultural Communications prepares students to report agricultural information to audiences through projects and careers in photography,

010 Nursery Landscape and Plant Science**Grades 9-12 Elective (1 Trimester)**

It’s a fact – we need plants in order to survive, however some have very different uses than others. Students will explore the basics of the horticulture & plant production industries such as ornamentals, fruits, vegetables, and nursery/landscape. Additionally, introductory-level floral design principles will be demonstrated to create simple floral arrangements using balance, color, shape, and contrast. As a final project, students will focus on marketing and business management concepts by completing in a landscaping design project that places emphasis on start to finish for a customer’s needs based on the purpose and requirements of plants.

011 Minnesota Wildlife and Conservation**Grades 9-12 (1 Trimester)**

Minnesota has a rich history in wildlife; from the grey wolf to the amber bison, the trout to the white-tailed deer. We will study basic ecological principles and how these affect wildlife in a variety of locations. We will identify key concepts of environmental conservation and ecology and work through potential solutions to large and small mammal management, waterfowl, game birds and MN fish species, with a brief overview of hunting and fishing regulations.

012 T1 Food Chemistry**012 T2 Grades 11-12 Elective****012 T3 (3 Trimesters)**

Food Chemistry is designed to give students an opportunity to observe and conduct hands on experiments that bring chemistry to life through something we all love-food! This course explains how water, carbohydrates, lipids, proteins, vitamins, and minerals react in food; students will see how biochemical and functional properties, enzymes, food additives, and texture change as related to properties in food and during processing. Students will be introduced to the life of a food scientist through a product development competition.

(This course meets the Chemistry graduation requirement.)

013 Crop and Soil Science**Grades 11-12 Elective (1 Trimester)**

Agronomists, sometimes known as crop scientists, specialize in producing and improving food crops while managing weeds and pests. Their jobs require experimentation and critical thinking on a daily basis. These agricultural scientists have a positive career outlook due to the continuous need for the food crops they help develop. These are among the skills you will gain in Crop & Soil Science through projects, inquiry, and research projects. Through traditional classroom instruction, labs and tours, students will develop an understanding of plant and soil science both here and in other parts of the country.

014 Independent Ag**Grades 11-12 Elective****(Can be taken more than 1 trimester)**

This capstone course is offered to juniors and seniors to further exploration of their agricultural education experience either through a current Supervised Agricultural Experience (SAE) or different career pathway. Students will be expected to have a trimester-long project that can be worked in/or outside of school. Hours and finances will be kept with the expectation that a capstone presentation will be given to community stakeholders upon completion of the trimester. This is a great course for students who have taken a majority of ag courses provided. Students enrolled in this course must have a satisfactory attendance record and should have a minimum 2.0 GPA.

015 Summer Ag**Grades 9-12 Elective (1 Trimester)**

Why take the summer "off" when you can get credit for the work you're already doing? Students will complete 50 hours of Supervised Agricultural Experience (SAE) programming off-site on their own. Students will be responsible to contribute 10 hours of service work in the community either through FFA or independently. To record their work, students will enter and update journals on their Agricultural Experience Tracker (AET) account. One SAE Visit is a requirement, where the instructor will make a trip to your home and/or work place, interview you, and take a couple photos. Students enrolled in this course must have a satisfactory attendance record and should have a minimum 2.5 GPA. Priority will be given to FFA members; however, this course is open to all students in grades 9-12.

Industrial Tech

All woods and metals courses have a material fee.

100 Woods A

Grade 9-12 Elective (1 Trimester)

This is an introduction to further woodworking courses. Students in this class will learn about the safe use of tools and equipment. Basic wood processes and skill attainment will be the focus. Students will learn to design projects using computer aided drafting software. They will produce small wood take home projects. **Students will be responsible for the cost of projects.**

101 Woods B

Grade 9-12 Elective (1 Trimester)

Prerequisite: Woods A

This course is for anyone interested in the fundamentals of machinery, hand tools, and joinery methods used in building smaller pieces of furniture/cabinets. Students will be required to build a nightstand. Units covered include safe use of tools, wood technology basics, finishing procedures, hardware, and tool maintenance. **Students will be responsible for the cost of the project.**

102 Woods C

Grades 9-12 Elective (1 Trimester)

Prerequisite: Woods B

Students will attain a greater understanding and skill building in woodworking. Students will learn basic project design, cost estimation and construction methods. Students will build a project of their choice. **Students will be responsible for the cost of the project.**

103

Basic Homeowner

Grades 10-12 Elective (1 Trimester)

This beginning class introduces students to the joys and difficulties in owning their own house. It introduces students to the basic skills they need to do electrical repair, repairing cosmetic damage, and plumbing in a house. It will also have some basic car maintenance as well from changing oil to repairing a flat tire. Another aspect to class is dealing with the financial side of owning a house and car.

***Not for students who have advanced shop experience or plan to take advanced shop classes in the future.**

104

Construction A

Grades 9-12 Elective (1 Trimester)

This is a course designed to give students introductory experiences in the tools, materials and methods used in Construction. Students main focus will be on different trades in construction including, electrical, drywall, plumbing, surveying, concrete & masonry and Carpentry. It will be a small focus on each of these industries and what they do within the construction industry.

105

Construction B

Grades 9-12 Elective (1 Trimester)

Prerequisite: Construction A

This class is designed to give students a greater understanding of the construction industry. In this course students will learn a greater understanding of framing and layout of structures. Students will make small models to display understanding of blueprint reading and framing of houses. Students in groups will build small utility sheds towards the end of this class.

107 Home Décor/DIY**Grades 9-12 Elective (1 Trimester)**

This course is a beginning course that will stress planning and construction of small projects used in home decorating. Students will pay costs of take-home projects. This class will be taught primarily in a lab setting with some classroom instruction at the beginning of the term. In this class students will learn about the safety of using power and hand tools in the shop setting. They will learn about the precision needed to make enhanced decorations or small functional accessories for the home. Through this class, students will gain knowledge of home and decorating methods and styles.

108 Introduction to Automotive Technology**Grade 10-12 Elective (1 Trimester)**

This course provides the entry-level knowledge and skills the student will need to work in an automotive repair facility. It covers procedures and safety in the automotive shop, the use of hand tools, power tools, hoists, jacks, and other equipment used by the automotive technician. This course also develops the student's ability to follow instructions, interpret specifications, and use various hand and power tools required to make various fastener and thread repairs. Student must have access to a vehicle for the performance of lab work.

| Year 1 2022-2023 | Year 2 2023-2024 |
|-------------------------------------|------------------------------|
| Intro to Auto Tech | Small Engines |
| Personal Leadership | Advanced Engines* |
| Nursery Landscape and Plant Science | Ag Communications |
| | Crop and Soil Science |

| Offered Every Year |
|---------------------------------|
| Welding |
| Advanced Metals* |
| Woods A |
| Woods B* |
| Woods C* |
| Construction A |
| Construction B* |
| Home Decor/DIY |
| Basic Homeowner |
| Summer Ag |
| Independent Ag |
| Ag Work Placement |
| Farm to You! Basic Ag |
| Food Chemistry |
| MN Wildlife |
| Animal Science |
| Small Animal Veterinary Science |

Visual Arts/Media Arts

These courses meet the Visual Art or Media Art standard needed for high school graduation.

VISUAL ARTS AND DESIGN

- ◆ Participating in Visual Art Courses develops 21st Century Skills: creative problem solving, critical and flexible thinking, discipline, collaboration, independent thinking, self-directed learning and motivation, perseverance and innovation. These skills are desirable for any future area of study.
- ◆ Visual Art Courses can also give students valuable experience in exploring and preparing for art and design career possibilities. For those students interested, course work can provide art work and portfolio preparation for college entrance and scholarship applications. Minnesota Scholastic Art Awards and Minnesota State High School League Visual Arts Festival are also art recognition opportunities for awards and scholarships.
- ◆ Required Minnesota State Academic Standards in the Visual Arts states that 1 credit = 1 year.
- ◆ Some college entrance art requirements also define a credit in art as one full year of study.
- ◆ Taking a course a 2nd or 3rd trimester will allow students to build and gain more knowledge and skills beyond the introductory course. There will be opportunity to choose an individualized focus. (i.e. if a student has taken pottery I, they can take Pottery II or III and will be able to choose hand building methods or wheel work for further development of ideas and more complex individualized projects.)

All courses can be taken more than one trimester.

020 2-D Art & Design

Grade 9-12 Elective (1-3 Trimesters)

This course is recommended as a sampling process. Students will choose and experience from a variety of 2-dimensional art areas: drawing, painting, print making, computer imagery, mosaic, batik, paper-making, weaving, collage use and design concepts with which to express his or herself. Artists' styles, mediums and historical periods will be intertwined. The sampling process gives students a chance to develop individual design and mechanical skills while exploring media. Subject matter for artwork may vary to include realistic or nonrepresentational.

021 Drawing/Illustration

Grade 9-12 Elective (1-3 Trimesters)

These classes are for students who would like to explore and develop drawing skills. Drawing skills and techniques can be learned and improved through practice. Not all drawings need to be realistic representations, which is how many people self-judge their drawings. We will look at artists' styles, historical periods and media that coincide with the variety of subject matter: nature and wildlife, landscape and cityscape, still life, portraits and figure drawing, nonrepresentational and abstract or nontraditional subject matter. A variety of materials will be used: pencil, pen, ink, charcoal, and pastels. Another approach could be a combination: Mixed Media/Collage. Alternative materials and surfaces will also be explored.

022 Painting

Grade 10-12 Elective (1-3 Trimesters)

The painting classes are for students who would like to explore and learn how to paint in different mediums, styles and subject matter. Students will experience working with watercolor, tempera, acrylic, and oils. Students will learn from a variety of artists from different historical periods, styles and subject matter – representational and realistic to nonrepresentational and abstract. (nature, wildlife, landscape/cityscape, portraits, figures, and other exploration) Traditional and nontraditional methods and materials and surfaces will be explored-paper, canvas, wood, metal and found objects.

025 Pottery/Ceramics**Grade 9-12 Elective (1-3 Trimesters)**

Students will work with clay by using different methods of hand building to create functional items as well as explore decorative sculptural works. Students will use methods such as pinch, coil, slab, mold, and sculpt to create unique works in clay. Students will also have a chance to create wheel thrown pottery. Inspiration will come from a time line of Clay/Ceramic work and exposure to a variety of artists working in different styles and historical periods.

027 Studio Art**Grade 11-12 Elective (1-3 Trimesters)**

Prerequisite: Three previous Tris of art or teacher permission.

Explore your interests through the materials and styles of your choice, whether it is 2D or 3D, choosing 4 to 6 projects to complete during the trimester. This could be for the student who is serious about pursuing an art career OR it could be for those who like to create art just for enjoyment. Students will develop their projects based on personal ideas and themes. The work created in this class could be submitted for the Minnesota State High School League Visual Arts Festival or other competition scholarship opportunities. Participation in MSHSL is encouraged but not mandatory. Course work could also be portfolio preparation for pursuing college/art school entrance and/or scholarships.

030 Photography/Media Arts**(Telling Your Story through Pictures)****Grades 10-12 Elective (1-3 Trimesters)**

Students in this course will gain experience in a variety of media art forms primarily in photography and photo editing with possible exposure and experience in video production, and animation. Students will learn key points to successful composition and manipulation in photography, exposure to different genres in video production and creating stop-motion animation/Claymation. Students will also see and learn from different artists and historical periods in the development of these art forms. Students will create original media arts pieces that send a message or tell a story. Due to the time constraint of one trimester, photography will be the main focus. Taking more than one trimester will provide the opportunity to explore other areas in more depth.

109 Computer Graphic Design (Make Your Own Stuff)**Grade 9-12 Elective (1 Trimester)**

What's that message on your shirt? Ever wonder how the graphic messages you see every day were made?

Graphic Design is visual communication through the use of text and pictures. Each student will explore the aesthetics and production of layout, design, and typography as seen in advertising, magazines, books, and digital media.

The creative design process is demonstrated and utilized throughout the course to enable students to develop a variety of projects: logos, posters, coffee mugs, album/CD covers and T-shirts. Students also have the opportunity to design the GSL yearbook and planner covers. Students will create and manipulate text, graphics and images to create a message using Photoshop, Illustrator and online web apps.

(.5 Art or Computer credit per trimester)

Business Technology

All courses meet ½ Computer credit requirement excluding CIS-Mobil Computer Science Principles

040 Keyboarding

Grades 9-12 Elective (1 Trimester)

This course is designed for students who have not had formal keyboarding instruction or those who need to improve their “touch” keyboarding skills. Students will learn to keyboard while keeping their eyes on the book and fingers on the home row to enter alphabetic, numeric, and symbol data. The goal is to increase keyboarding speed with few errors. Students will write and produce personal, educational, and professional documents.

041 Business Applications 1

Grades 9-12 Elective (1 Trimester)

This course is highly recommended for freshmen. Students will learn the basic concepts of word processing, spreadsheet, database, presentations and desktop publishing. The main software used will be Microsoft Office. In addition, this class will be introduced to the basics of Internet searches and e-mail.

042 Business Applications 2 Δ

Grades 9-12 Elective (1 Trimester))

Prerequisite: Business Apps. 1

This course is a continuation of Business Applications 1. Students will work with word processing, spreadsheet, database, presentations, desktop publishing, and email.

Tech Prep Program Articulated Course: 2-4 College Semester Credits available through numerous Technical Colleges.

044 Business Applications 3 Δ

Grades 10-12 Elective (1 Trimester)

Prerequisite: Business Apps. 2

This course is a continuation of Business Applications 2. This course is designed for students who wish to enhance their skills and gain proficiency in using the Microsoft Office suite. Students will be learning valuable, lifelong skills on how to integrate these office applications for business, educational, and personal use.

Tech Prep Program Articulated Course: 2-4 College Semester Credits available through numerous Technical Colleges.

046 T1 Accounting Δ

046 T2 Grades 10-12 Elective (2 Trimesters)

This course is highly recommended for students planning to major in any post-secondary business field. First Trimester will involve basic accounting procedures including making entries in journals, posting to a ledger, and completing the financial statements for a business for one fiscal period. Banking procedures and reconciliations are also included. Computerized accounting will also be introduced.

Second Trimester will introduce accounting using special journals, payroll records, and taxes. A simulation will be completed to review and reinforce the accounting principles covered and students will continue to use computerized accounting. **(Only Second Trimester)**

Meets ½ Computer credit requirement.

Tech Prep Program Articulated Course: 2-4 College Semester Credits available through numerous Technical Colleges.

047 Accounting 2

Grade 10-12 Elective (1 Trimester)

Prerequisite: Accounting

This course is a continuation of accounting with an emphasis on computerized accounting.

048 Personal Money Management and Recordkeeping **Grade 10-12 Elective (1 Trimester)**

This course will allow students to learn about personal money management and record keeping. It will teach students how to use recordkeeping and research to make the wisest use of income. Students will learn the basic steps of developing a family budget and balancing a checkbook. They will learn to comparison shop for big ticket items like automobiles, insurance and other consumer products. Students will research the areas of consumer credit, college loans, and home mortgages as well as develop saving and investment strategies for reaching long term goals.

222 T1 CIS-Mobil Computer Science Principles ©

222 T2 Grade 11-12 Elective (3 Trimesters)

222 T3 Must have GPA of 3.0 or higher.

Students are not able to drop this course once they are enrolled for the year.

This course uses the visual programming language, MIT App Inventor, to provide a rigorous, programming-based introduction to computer science using a project-based curriculum. Students learn computer science by building socially useful mobile apps. In this way, student learning will be associated closely with their interests and grounded in their schools, their homes and their communities.

| |
|--|
| <p>Challenge Program Course: Students may receive 5 College semester credits upon successful completion of this course.</p> |
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English

060 T1 English 9

060 T2 Grade 9 Required (3 Trimesters)

060 T3

This is a three trimester required class that covers common core standards. Students will study lessons in spelling, vocabulary, real-life writing skills, grammar, and mechanics throughout the year. During trimester 1, students will review capitalization and punctuation skills as they study the eight basic parts of speech, sentence structure, and basic paragraph writing. They will also read plays. During trimester 2, they will do a more in-depth study of the paragraph structure. Analysis of forms of literature will continue with a focus on a short novel and short stories. Trimester 3 literature studies will include additional short stories, a Shakespearean play, and a novel. The composition structure will be practiced, and students will incorporate sentence patterns and usage skills in their writing.

061 T1 English 10

061 T2 Grade 10 Required (3 Trimesters)

061 T3

This is a three-trimester required course designed to give students an introduction to the formal study of language arts. The course will focus on the language arts standards and will cover study in literature, writing, and speaking and listening. Students will apply and connect academic language to poetry, fiction, and nonfiction literature. Writing skills connected to the standards will be learned and practiced. Students will also be exposed to public speaking skills and drama. Students will continue to develop and practice skills related to grammar, usage, and mechanics.

062 T1 American Literature

062 T2 Grade 11 Required (Trimester 1 & 2)

Trimester 1: This class will use the plays, short stories, and poetry of various American authors to master the language arts standards. The focus of this trimester will be literature beginning with the early Puritan settlers and will conclude with a unit on American Drama. In addition, the basic rules of grammar, punctuation, and capitalization will be reviewed. Students will also develop and practice their critical thinking and writing skills through various reaction papers to the literature. **Trimester 2:** A continued focus on the literature of American writers will be the emphasis this trimester, starting with the WWII era to more contemporary short stories and poetry. The students will review more basic punctuation and usage rules throughout the trimester. The class will conclude with students pairing up and giving an audiovisual presentation on an American author of their choice. Students will continue to develop and practice their critical thinking and writing skills through various reaction papers to the literature.

063 T1 ϕ AP English Literature & Composition

063 T2 Grade 12 Required (2 Trimesters)

This course replaces English 12 CB

Prerequisite: Must have a GPA of 3.0 or higher and signature from instructor.

Students are not able to drop this course once they are enrolled for the year.

Recommended for college bound students.

AP test taken in the spring for college credit.

In this course, the student will study an anthology of English literature beginning with *Beowulf* through various 20th century contemporary authors. A variety of the literary genres are covered such as drama, poetry, short story and novel. A trip to the Guthrie Theater will be taken to enhance the study of drama. Various writing activities will also be explored. Grammar study will focus on word origins, usage, figurative language and logic. This course will also review preparation techniques for college and scholarship applications.

064 T1 English 12

064 T2 Grade 12 Required (Trimester 1 & 2)

Note: Either AP Lit. or English 12 must be taken and passed successfully.

In this course, students will study English literature beginning with the Anglo-Saxon time period and exploring literature from different eras through contemporary literature. A variety of literary genres will be covered including drama, poetry, short stories and novels. This course offers practical assignments to improve writing, speaking, and reading skills. Various writing activities and a grammar study will also be explored. A trip to the Guthrie Theater will be taken to enhance the study of drama.

065 Themes in Literature: Hope and Survival

Grades 11-12 Elective (1 Trimester)

The theme of hope and survival will be explored throughout this literature course. People throughout the world experience hardship in many different ways. Through literature, we can learn about the many struggles people have and also read about the journey for a better life. The stories in this course explore a variety of cultures and how each uses the theme of hope and survival to help us understand people around the world. Students will read a variety of texts including comics, novels, drama, poetry, and short stories to explore the theme of hope and survival. Analysis and exploration into your own writing about this theme are also included.

066 Whodunnit: Solving a Mystery**Grade 11-12 Elective (1 Trimester)**

Mysteries have fascinated mankind for centuries. In this course, students will explore the genre of mystery through short stories, novels, poetry, film, and graphic novels. Whether being horrified by the tales of Edgar Allan Poe, attempting to figure out the twist in an O. Henry short story, or analyzing an Alfred Hitchcock film, students will improve their powers of deduction while fulfilling multiple English standards. A possible trip to an “escape room” at the end of the trimester will prove if students can figure out “Whodunnit?”

067 T3 Senior Composition**Grade 12 Elective (Trimester 3 only)**

Students must successfully complete English Communication CB Trimesters I and II to enroll in this class, and it is recommended that students enrolling have a B- average or higher in senior **college bound** English classes. This course is designed to help students develop the skills necessary to write the types of papers generally demanded in college courses. It will emphasize longer essays, critical writing, mechanics, and grammatical skills. The writing process steps (pre-writing, writing, sharing orally, and revision) are followed in all assignments. Weekly compositions are required and students will complete a research paper.

068 Drama**Grade 11-12 Elective (Trimester 3)**

This course is designed to explore drama and its development into theatre. Students will study a variety of plays from all types of genres and styles. Students will study famous and contemporary playwrights to learn literary styles and concepts. As students are reading the plays literary analysis will be explored for reading and performance. In connection to reading the plays, students will analyze each play and focus on elements related to the dramas including performance, costume design, scene design, lighting and sound design, and production analysis.

074 Humor 101**Grade 11-12 Elective (1 Trimester)**

Laughter. What Makes us laugh? In this course, students will delve into the realm of humor. This multimedia course will examine types of humor used in short stories, film, social media, and stand-up comedy. Students will have the opportunity to learn about some of the greatest humorist of our time, while discovering what makes us laugh. Whether listening to jokes, viewing a British parody, or creating some slapstick humor, students will learn to appreciate the talent it takes to write effective comedy. Be ready to smile, snicker, chuckle, or laugh so hard you cry.

069 T1 Essentials of Speaking and Listening ©**069 T2 (College Speech)****Grade 11-12 Elective (2 Trimesters)****Must have GPA of 3.0 or higher**

This course teaches the use of verbal and nonverbal communication to organize and deliver effective oral presentations. Additional emphasis is placed on identifying and overcoming listening barriers. Students will gain knowledge and skills in; developing critical thinking skills, effective outlining, selecting the speech purpose and limitation, analyzing and adapting to an audience of the subject area, analyzing and adapting to the occasion, research practices, effective speech composition, using evidence and forms of supporting material, preparing and presenting information in groups (including effective visual aids), effective delivery, developing an effective introduction, developing critical listening skills, developing an effective conclusion, effective methods of speech criticism and organizing the body of the speech.

Challenge Program Course: Students may receive 3 College semester credits upon successful completion of this course.

070 Creative Writing**Grades 11-12 Elective (1 Trimester)****070 Creative Writing****Grades 11-12 Elective (1 Trimester)**

The focus of this course will be to express your thoughts and ideas in an imaginative way. Units may include writing in the areas of poetry, short story, narrative, and screenplay format. Various devices such as figurative language and imagery will be studied and practiced, as well as proper grammar and usage skills. A reading to the class of your best work will be your final project.

“The scariest moment is always just before you start.”

—Stephen King

075 Coming of Age: Young Adult Literature**Grade 11-12 Elective (1 Trimester)**

Have you ever binge-watched a Netflix series about teenagers going through adult problems? Watched a movie and really liked a character because you had the same issues? In literature these types of stories are typically called “Coming of Age” and in this course we will use books, a graphic novel, poems, music, and movies/television shows to address issues teens face in becoming young adults in this fast-changing, modern world.

073 MN Authors

Grade 11-12 Elective (1 Trimester)

Welcome to the “Land of 10,000 Lakes” AND stories! In this course, students will enjoy a few classics by famous ‘Sota authors and a few modern marvels as well. Find interest in the secret life of Gatsby during the rebellious, roaring ‘20’s, follow Tim O’Brien’s boys as they venture through heroic Vietnam hardships and experiences, relive the trials of the pioneers and the Native Americans as they battled against each other and the Minnesota elements. Learn interesting Minnesota facts and history!

Family & Consumer Science (FACS)

089 Culinary Entrepreneurship

Grade 11-12 Elective (1 Trimester)

A business & culinary collaboration that provides real world experience operating a food truck. Students will learn skills in business, marketing, sales, product development, culinary & entrepreneurship.

Tech Prep Program Articulation Course: 3 college credits with completion of course with a B average or better.

090 Fashion Merchandising Δ

Grade 10-12 Elective (1 Trimester)

This course is a foundation for the learner to gain knowledge about the business of fashion. An overview of the many facets of the fashion business including design, production, merchandising, and promotion are covered. The course traces the development of fashion and the fashion industry and covers the concepts of consumer demand and fashion acceptance. Particular emphasis is placed on today's retail fashion environment and the rapid changes that are occurring in that sector of the fashion business. In addition, the learner is made aware of the many career opportunities.

Tech Prep Program Articulation Course: 3 college credit for the completion of Fashion Merchandising with a B average to qualify for credit.

91 Explore: Identity, Employability Skills and College/Career Readiness

Grade 9 Required (1 Trimester)

This class is for 9th graders to focus on what it takes to be successful in high school, a career, and life. Students complete a series of on-line assessments that will help them discover and explore their career options. This information will assist them in creating a 4 and 10 year plan, applying their interest, abilities, skills and goals; mapping out their future classes and possibilities. Components: personal wellness, growth mindset, interest surveys, character development, career exploration and post-secondary options.

092 Living On Your Own (LOYO)

Grade 11-12 Elective (1 Trimester)

This class will prepare students for LIFE ON THEIR OWN. Topics will include:

Career Exploration, Job skills: applications, resumes, interviews & letters, Personal Finance: income, expense, savings, investments, budgeting, and Consumerism: understanding NEEDS vs WANTS, buying food, clothing, a home, renting an apartment and purchasing a VEHICLE

Students will develop a budget based on their career choices and explore their options when "reality" strikes. Students will develop practical **LIFE SKILLS** needed to successfully manage their life.

(Meets Explore credit for upper classmen)

093 Creative Foods

Grade 9-12 Elective (1 Trimester)

Lab fee:\$10

This course is an introduction to the kitchen including basic concepts of nutrition, safety and sanitation, kitchen math, reading recipes and food preparation. Students will learn real-life skills in a hands-on kitchen lab environment through both independent and group activities.

094 World Foods (Advanced Foods)

Grade 10-12 Elective (1 Trimester)

Prerequisite: Creative Foods

Lab fee: \$10

This course explores cultures around the world through food. Students will advance their kitchen skills acquired in Creative Foods with more advanced recipes

095 Housing and Interior Design

Grade 10-12 Elective (1 Trimester)

Students will develop knowledge and skills relating to housing choices, architecture and interior design, as well as explore multiple career possibilities. Topics covered will include: architectural design, furniture styles & selection, floor plans, lighting and the elements/principles of design. Computer-aided floor planning and design opportunities may be utilized. Classroom experiences and guest speakers will enhance classroom projects and cooperative activities.

Family & Consumer Science (FACS)

096 Child Development: Infants Δ Grade 10-12 Elective (1 Trimester)

The purpose of this course is to give the student a better understanding of the responsibilities of parenting, the reproductive process, and the physical, mental and emotional development of children: Prenatal to first birthday. Emphasis is placed on family life, deciding to have or not to have children, planning and preparing for them. Also understanding how to care for them and how to meet their physical, social, emotional and intellectual needs. Reality Works Simulation Babies will provide hands on training for the commitment of parenthood.

097 Child Development: Toddlers Δ Grade 10-12 Elective (1 Trimester)

The purpose of this course is to give the student a better understanding of the social, physical, emotional and intellectual growth of the child age 1-3, the toddler. Emphasis is placed on careers, health, safety, abuse and other topics. Students will work in a daycare setting, ECFE program or Head Start Program observing and conducting age appropriate activities.

098 Child Development: School Age Child age 3-6 Δ Grades 10-12 Elective (1 Trimester)

The purpose of this course is to give the student a better understanding of the social, physical, emotional and intellectual growth of the child age 3 and up. Emphasis is placed on careers, health, safety, abuse and other topics. Students will work in a preschool, Kindergarten or lower elementary classroom or a day care setting doing learning centers and directing age appropriate activities.

Tech Prep Program Articulation Course: 3 college credits for the completion of all 3 classes, (Infants, Toddlers & School Age Child) with a B average to qualify for credit.

099 Careers in Health Care Grade 11-12 Electives (1 Trimester)

Recommended: Human Anatomy/Physiology (217)

This curriculum is designed for students interested in health care careers. Students in this class gain insight on knowledge, skills, teamwork, education and experienced unique to the health care profession. Students meet and visit many health care workers who share their experiences. Students will get the facts and experience the reality of healthcare jobs through speakers, field trips, research, journaling, and job shadowing.

115 Culinary Arts Grade 10-12 Electives (1 Trimester)

Pre-requisite: Creative Foods

This is an **advanced foods** course focusing on food presentation, garnishes, multi-course meals and advanced cooking and food preparation techniques. Students will continue to build on their kitchen skills as well as explore other aspects of culinary careers such as menu design and commercial kitchen equipment.

Tech Prep Program Articulation Course: 2 college credits with completion of course with a B average or better.

Math

121 T1 Basic Algebra

121 T2 Grade 9 (3 Trimesters)

121 T3 Prerequisite: Teacher approval

This course will be focused on strengthening basic high school algebra skills. Topics include simplifying expressions, evaluating and solving equations and inequalities, graphing functions, operations with polynomials, and basic probability and data analysis.

122 T1 Geometry

122 T2 Grades 9-10 Required (3 Trimesters)

122 T3 Prerequisite: Algebra 8 or Basic Algebra

This course emphasizes the study of the properties and applications of geometric figures in two and three dimensions. It includes the study of transformations and right triangle trigonometry. It also involves triangles, quadrilaterals, circles, and other two and three dimensional figures. Inductive and deductive reasoning skills are used in many problem solving situations. Applications to the real world are stressed, including using properties to solve problems involving geometric figures.

123 T1 Honors Geometry

123 T2 Grade 9 Elective (3 Trimesters)

123 T3 Prerequisite: Teacher recommendation and/or parent request

Content for this course is similar to Geometry, but will be studied in greater depth and at a slightly quicker pace.

124 T1 Advanced Algebra

124 T2 Grade 11-12 Required (3 Trimesters)

124 T3 Prerequisite: Intermediate Algebra

Advanced Algebra is the final course in the high school sequence. Students will focus on studying different families of functions, both visually and algebraically. This course also features units on basic probability and trigonometry, and will provide opportunities to apply algebra

120 T1 Intermediate Algebra

120 T2 Grade 10 (3 Trimesters)

120 T3 Prerequisite: Geometry

Intermediate Algebra includes a review of linear functions and systems, followed by the study of quadratic functions, polynomials, and exponential functions. This course also features units on basic probability, statistics, and trigonometry.

125 T1 Honors Advanced Algebra

125 T2 Grade 10-11 Elective (3 Trimesters)

125 T3 Prerequisite: 3.0 GPA or teacher recommendation

This course is for any student who may be interested in taking College Precalculus the following year. Students will study different families of functions in depth, both graphically and algebraically. A unit on probability and statistics, along with an advanced trigonometry prep unit will also be covered.

126 T1 Math Analysis

126 T2 Grade 11-12 Elective (3 Trimesters)

126 T3 Prerequisite: Advanced Algebra

This course is based on College Algebra concepts, and is intended to prepare students for a general education algebra course in college. Concepts from Advanced Algebra will be extended and discussed in greater depth.

127 T1 College Precalculus ©

127 T2 Grade 11 -12 Elective (3 Trimesters)

127 T3 Prerequisite: Honors Advanced Algebra, 3.0 GPA

Students are not able to drop this course once they are enrolled for the year.

Precalculus is the study of the mathematics needed for calculus. Basic concepts covered include polynomial, rational, exponential, logarithmic, and trigonometric functions, complex numbers, linear systems, numerical patterns, sequences, and series. A graphing calculator is strongly recommended. Through the College Now program, students will earn 5 semester credits from SMSU upon successful completion of this course.

Challenge Program Course: Students may receive 5 College semester credits upon successful completion of this course.

129 T1 College Calculus ©

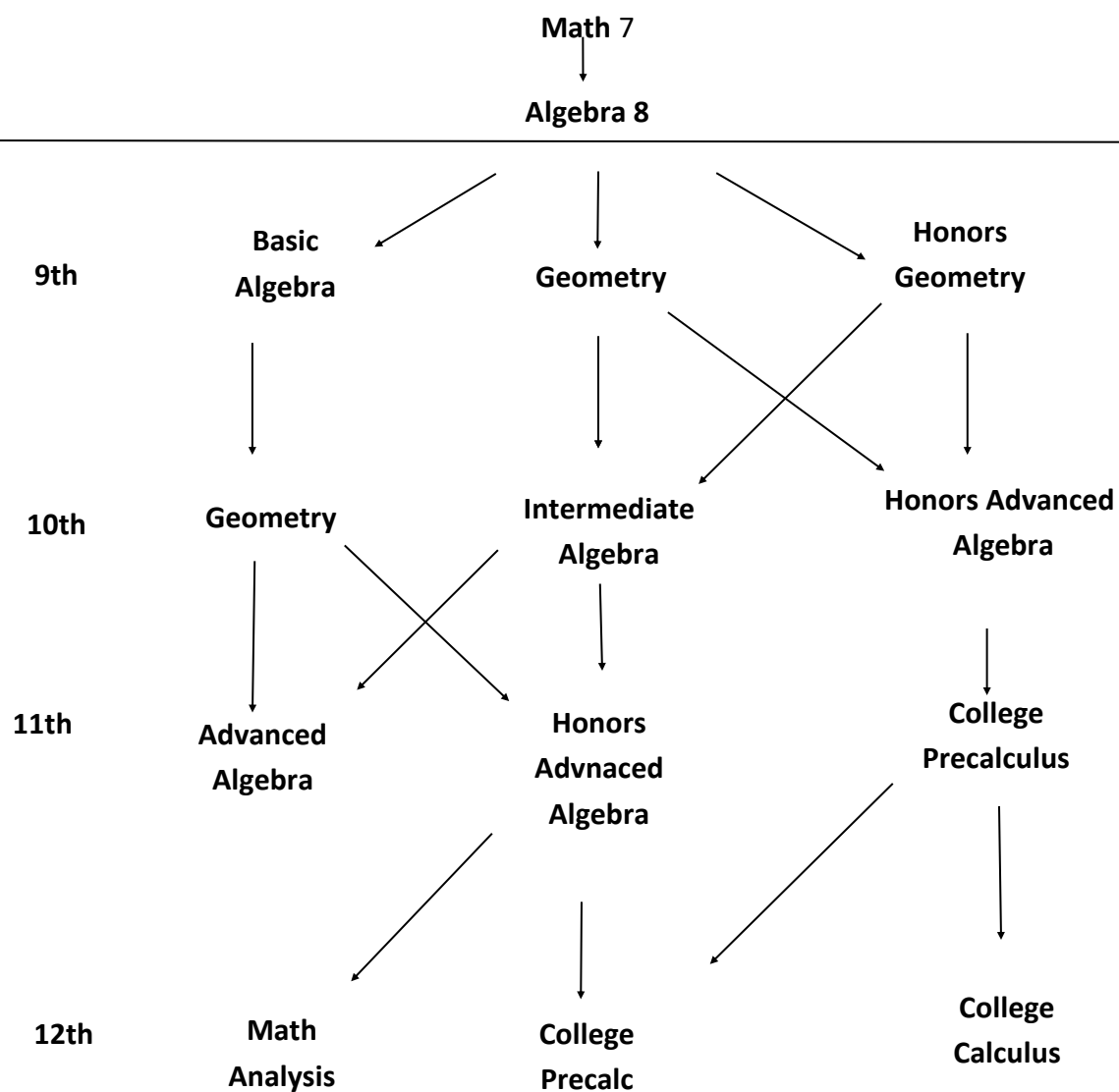
129 T2 Grade 12 Elective (3 Trimesters)

129 T3 Prerequisite: College Precalculus, 3.0 GPA

Students are not able to drop this course once they are enrolled for the year.

Calculus is investigating and understanding limits, continuity, derivatives, integrals, and their applications. A graphing calculator is highly recommended. Through the College Now program, students will earn 5 semester credits from SMSU upon successful completion of this course.

Mathematics Path Grades 7-12



Geometry and Advanced Algebra are required for ALL students.

Music

When registering, you will need to enter the course number for each trimester.

150 T1, T2, T3 Symphonic Band (band everyday)

Grade 9-10 Elective (3 Trimesters)

Prerequisite: Continuous membership in the band program.

Symphonic Band is a full year course offering students the opportunity to perform in a full wind band. This ensemble is open to 9th-10th graders who have had continuous membership in the band program.

151 T1, T2, T3 9/10 Singers (choir everyday)

Grades 9-10 Elective (3 Trimesters)

9/10 Singers is a full year course offering students the opportunity to perform in a large, mixed voice (SATB) ensemble. Students are required to participate in all required concerts, large group contest, and take voice lessons. They may choose to participate in solo/ensemble contest.

**152/153 T1, T2, T3 Symphonic Band/9/10 Singers
(band/choir every other day)**

Grade 9-10 Elective (3 Trimesters)

Students registering for course 152/153 will be in BOTH band and choir, rotating every other day.

See 150 and 151 for course description only.

156 T1, T2, T3 Concert Choir (choir everyday)

Grades 9-12 Elective (3 Trimesters)

Concert Choir is open to all 9-12 grade students. It is a full year course offering students the opportunity to perform in a large, mixed voice (SATB) ensemble. Students are required to participate in all required concerts, large group contest, and take voice lessons. They may choose to participate in solo/ensemble contest. This ensemble is open to vocalists who maintain successful and continuous membership in the choir program.

Tech Prep Program Articulation Course: 1 college credit for the completion of Concert Band/Concert Choir with a B average to qualify for credit through Central Lakes College. This applies to 11th and 12th graders only.

157/158 T1 Concert Band/Choir

157/158 T2 (band/choir everyday other day)

157/158 T3 Grade 9-12 Elective (3 Trimesters)

Students registering for course 157/158 will be in BOTH band and choir, rotating every other day.

See 155 and 156 for course description only.

155 T1 Concert Band (band everyday)

155 T2 Concert Band (band everyday)

155 T3 Grade 9-12 Elective (3 Trimesters)

Prerequisite: Continuous membership in the band program.

Concert band is open to all **9th through 12th grade** students. It is a full year course offering students the opportunity to perform in a full wind band. This ensemble is open to instrumental musicians who have maintained successful and continuous membership in the band program.

Tech Prep Program Articulation Course: 1 college credit for the completion of Concert Band/Concert Choir with a B average to qualify for credit through Central Lakes College. This applies to 11th and 12th graders only.

Physical Education/Health

ONLY ONE PHY ED CLASS PER TRIMESTER ALLOWED

190 T1 Physical Education 9

190 T2 Grade 9 Required (2 Trimesters)

9th Grade Physical Education is a required class for all GSL freshmen. This class concentrates on physical fitness and its components. Students are introduced to a wide variety of activities they can incorporate in to their personal fitness plans. Students will also learn how to track their personal fitness using fitness logs.

191 Health 10 (1 Trimester)

Grade 10 Required

This course engages students in taking control of their health and wellness. The focus is on health issues that affect everyday life, as well as students futures. Topics that are covered include: Mental Health, Social/Emotional Health, Nutrition, Alcohol, Tobacco and other Drugs, Sexual Education, Growth and de and Development, Preventing Diseases, and CPR and First Aid.

192 Team Sports 1

Grade 10-12 Elective (1 Trimester)

Prerequisite: Successfully completed 2 Tri's P.E. 9

This physical education class will deal with advancement of skill development and game strategies used in game and tournament play. This class is graded on performance based assessment. Sports include: soccer, lacrosse, volleyball, team handball, ultimate frisbee, water polo, flag rugby, basketball, gator ball, floor hockey and other invasion games.

193 Team Sports 2

Grade 11-12 Elective (1 Trimester)

This course will further advance skill development and game strategies, used in game and tournament play, in a highly competitive environment.

194 Team Sports 3

Grade 11-12 Elective (1 Trimester)

This course will use advanced skills and strategies in a highly active and competitive environment. Game and tournament play will be stressed. Game and tournament play will be stressed. This is a performance based class.

195 Personal Fitness 1

Grade 10-12 Elective (1 Trimester)

Prerequisite: Successfully completed 2 Tri's P.E. 9

In this course students will be introduced to weight training and conditioning activities in a highly structured environment. Measurements in fitness will help develop individual goals, and individual fitness improvement.

196 Personal Fitness 2

Grade 10-12 Elective (1 Trimester)

In this course students will be able to participate in a well-rounded weight training and conditioning program. This course will be advancement to the level I class.

197 Personal Fitness 3

Grade 11-12 Elective (1 Trimester)

A more advanced program in specific weight training and conditioning is offered in this class. Higher level of the physiological principles of a complete training program based on each individual's needs will be stressed. . Measurement of fitness, maintenance of physical fitness and the attainment of an appreciation of the various components of physical fitness; muscular strength and endurance, cardio-respiratory and flexibility will be part of this class

198 Personal Fitness 4

Grades 11-12 Elective (1 Trimester)

This course is designed for the student to develop maximum knowledge and practical experience in physical conditioning. Students will be exposed to the most update training practices and program advancements.

202 Indoor/Outdoor Recreation

Grades 10-12 Elective (1 Trimester)

Prerequisite: Successfully completed 2 Tri's P.E. 9

This course will be geared towards indoor/outdoor recreational activities/games that lead to lifetime involvement in fitness. Activities include: tennis, badminton, biking, hiking, disc golf, aquatics, pickleball, golf and recreational games.

203 Unified PE

Grades 10-12 Elective (1 Trimester)

Unified Physical Education provides a unique opportunity for students with and without disabilities to come together through ongoing educational and physical activities. The Unified Physical Education course is structured around the national physical education standards and grade-level outcomes, which include gaining the knowledge and skills necessary to maintain a health-enhancing level of fitness. Additionally, the class supports the development of leadership skills for all students, and the empowerment of ALL students to foster an inclusive class and school-wide environment. The course will focus on lifetime activities such as fitness training, badminton, pickleball, corn-hole, bowling, tennis, hiking, biking, aquatics, rhythmic activities, and more.

Science

210 T1 Physical Science 9

210 T2 Grade 9 Required (3 Trimesters)

210 T3

Physical science is a course that explores the fundamental concepts of Physics and Chemistry in a hands-on, inquiry-based setting. Students develop target ideas via active learning experiences, completing hands-on experiments and computer-based simulations. Students are constantly encouraged to actively discuss their ideas with others and communicate their learning through the use of a digital journal.

211 T1 Biology

211 T2 Grade 10 Required (3 Trimesters)

211 T3 Prerequisite: Physical Science

This course is intended to develop an appreciation of life. Basic concepts of cell physiology and anatomy are studied plus other topics such as photosynthesis, cellular respiration, cell division, and genetics and evolution. Students will study biological change over time, ecology, behavioral biology and the diversity of life. Included in this unit will be dissection, comparative anatomy, human anatomy, and to the outdoor study in the spring of plants and ecology.

214 T1 High School Chemistry

214 T2 Grades 11-12 Required (3 Trimesters)

214 T3 Prerequisite: Physical Science, Biology

May be taken in place of Physics

The emphasis in this course is on the principles that are necessary in understanding the organization of chemistry and chemical reactions. This would include the study of scientific measurements, the classes of matter, the structure of the atom, the periodic table of elements, organic and inorganic bonding, and the historical significance of the atomic theory. Students will also focus on principles of gases, solutions, acids and bases, kinetics, and oxidation-reduction reactions. All coursework will be enhanced with laboratory experiences.

012 T1 Food Chemistry

012 T2 Grades 11-12 Elective

012 T3 (3 Trimesters)

Food Chemistry is designed to give students an opportunity to observe and conduct hands on experiments that bring chemistry to life through something we all love-food! This course explains how water, carbohydrates, lipids, proteins, vitamins, and minerals react in food; students will see how biochemical and functional properties, enzymes, food additives, and texture change as related to properties in food and during processing. Students will be introduced to the life of a food scientist through a product development competition.

(This course meets the Chemistry graduation requirement.)

216 T1 Physics

216 T2 Grade 11-12 Elective (3 Trimesters)

216 T3 Prerequisite: Phy Science, Adv. Alg. or Hon. Alg.

May be taken in place of Chemistry

Physics involves the study of many of the basic laws of nature and the application of these laws in our work today. Labs are done to support the concepts studied, with much of the laboratory work making use of computer-interfaced equipment. Concepts of motion, force, energy, work, and waves are presented. Also covered are topics on heat, optics, sound, electricity (circuits), magnetism, and modern physics such as (nuclear and special relativity).

217 T1 Human Anatomy & Physiology**217 T2 Grades 11-12 Elective (3 Trimesters)****217 T3 Prerequisite:** Physical Science, Biology

This course is designed for those students who have a special interest in life science or health/medical professions. It will take up where Biology leaves off with an emphasis on the human body. The course will be spent in studying human anatomy and physiology. We will use hands-on activities with possible cat or pig dissection to aid learning of anatomy. Topics include basic anatomy, body systems such as skeletal, muscular, nervous, endocrine, reproductive, circulatory, respiratory, lymphatic, digestive, urinary, and integumentary, as well as embryo development. We will end the year with a special unit on "Dr. Diagnosis".

218 Introduction to Biochemistry**Grade 12 Elective (1 Trimester)****Prerequisite:** Chemistry

This course will relate the subjects of chemistry and biology. Students will be introduced to the fields of organic chemistry and biochemistry by studying the molecules that make life possible. Students will study proteins, carbohydrates, lipids, and nucleic acids and how they contribute to the chemistry of life. This class is recommended for anyone planning to pursue a career in the medical field.

219 Astronomy/Space Science**Grade 10-12 Elective (1 Trimester)****Prerequisite:** Physical Science

This course will introduce the basic components of space science. Students will learn about planets, galaxies, the Big Bang Theory, astrophysics, as well as many other aspects of space. Through research, evaluating data, and creating models, students will explore the Universe. This class is recommended for anyone interested in space and science.

220 Environmental Science**Grade 10-12 Elective (1 Trimester)****Prerequisite:** Physical Science

This course will relate the subjects of biology, chemistry, and earth science. Students will learn about the atmosphere, ecology, and sustainability, as well as many other aspects of the environment. Students will learn through projects, citizen science, and case studies. This course will cover scientific information that is beneficial to anyone, no matter what they plan to pursue as a career.

222 T1 CIS-Mobil Computer Science Principles ©**222 T1 Grade 11-12 Elective (3 Trimesters)****222 T1 Must have GPA of 3.0 or higher.**

Students are not able to drop this course once they are enrolled for the year.

This course uses the visual programming language, MIT App Inventor, to provide a rigorous, programming-based introduction to computer science using a project-based curriculum. Students learn computer science by building socially useful mobile apps. In this way, student learning will be associated closely with their interests and grounded in their schools, their homes and their communities.

Challenge Program Course: Students may receive 4 College semester credits upon successful completion of this course.

Social Studies

240 T1 9th Grade Geography

240 T2 Grade 9 Required (2 Trimesters)

This course will emphasize the five themes of geography as well as topical studies of human geography, such as religion, human spatial settlement, unequal distribution of resources, characteristics of places, and elements of culture, with some physical and regional studies. It is designed to complement and continue the 8th grade geography courses and follow state standards.

241 T1 American History

241 T2 Grade 10 Required (3 Trimesters)

241 T3

A survey of American History beginning with the exploration progressing to current day over the three trimesters. Trimester 1-exploration to Great Depression; Trimester 2-Great Depression through early Cold War; Trimester 3-Vietnam, Civil Rights Movement to the present day. Current state, national and international events will be integrated into each class.

242 T1 Junior Social Studies

242 T2 Grade 11 Required (3 Trimesters)

242 T3

Trimester 1 – Students will study world historical events and places including the Old Stone Age, New Stone Age, Ancient Egypt, Ancient Greece, and Roman World.

Trimester 2 –Students will study additional world historical events and places including the Middle Ages, The Renaissance, Protestant Reformation, and the dawn of the industrial age

Trimester 3 – Students will study world historical events including the French Revolution, American Revolution and the Industrial Age.

243 T1 Senior Social Studies

243 T2 Grade 12 Required (3 Trimesters)

243 T3

Trimester 1 – Students will study the purposes, principles, and practices of American government as established by the Constitution. Students are expected to understand their rights and responsibilities as citizens and how to exercise these rights and responsibilities in local, state, and national governments. This class prepares students to participate as informed citizens through voting, serving on a jury, holding political office, and deliberating public policy.

Trimester 2 – Students will learn about basic economic concepts including scarcity, supply curves, demand curves, economic systems.

Trimester 3 – Students will study the money supply, saving and investing, the Federal Reserve System and other macroeconomic

concepts. Emphasis will be placed on personal finance and economic decision making.

244 T1 The Holocaust and Modern Humanitarianism

Grade 10-12 Elective (1st Trimester only)

Beginning with a study of the Holocaust and its relation to political, philosophical and ethical underpinnings to humanitarian thought, the course then concentrates on the emergence of the international humanitarian system, laws and agencies. With these foundations the class turns to an examination of the behavior and outcomes of humanitarian action in recent and current crises. The course will help inform students of the overall study of trends in the humanitarian sector and illustrate contemporary challenges.

245 T1 20th Century U.S. Military History

Grades 11-12 Elective (1st Trimester only)

Students will explore the five military branches of the United States and the roles they have played in our nation's history. Some areas of study are: effects of the military on our country both while at war and at peace, Major conflicts and the World Wars, Leaders, Inventions and Hero's.

246 T1 Psychology

Grades 11-12 Elective (1 Trimester)

Psychology is designed to introduce the student to the vocabulary, basic concepts, and theories relevant to understanding human behavior. This course will help the student understand their behavior and that of those around them. Topics to be discussed are: human development, biological influences on behavior, understanding personality, measuring personality and intellectual ability, principles of learning, the senses and perception, motivation/emotions, conflict and adjustment, coping with stress, personality disturbances and social behavior. This class is designed as an introductory course for the college bound student

Social Studies

247 T1 Political Science 120-American National Gov't ©

247 T2 Grades 12 Elective (3 Trimesters)

247 T3 Prerequisite: Must have a GPA of 3.0 or higher and signature from instructor.

Students are not able to drop this course once they are enrolled for the year. Surveys the executive, legislative, and judicial branches of the national government; the role of political parties, interest groups and public opinion. Includes discussion of local and state government and the political uses of the law.

248 History Through Media

Grades 10-12 Elective (1 Trimester)

Have you ever watched a movie or listened to a song and wondered how accurate the movie or song was? In this class, we will learn about important historical events and watch or listen to music to see how historically accurate the media is. We will learn about both World History and U.S. History events.

World Languages

All students are encouraged to learn a second language. For most students learning a second language is a totally new challenge. Courses in Spanish will facilitate the acquisition of other new languages. Language study also increases awareness of one's first language. Opportunities for travel and study abroad are increasing for high school and college students. Such an experience would be greatly enhanced by knowledge of a second language.

260 T1 Spanish I

260 T2 Grades 9-12 Elective (3 Trimesters)

260 T3

The emphasis is on developing listening, speaking, reading and writing skills through the study of basic grammar and vocabulary. Classroom activities will focus on communication through greetings, expressions of courtesy, and simple daily conversation.

Vocabulary and grammar skills are expanded and emphasis is placed on good pronunciation. Students will continue their exploration of Hispanic cultures through music, games, videos, special projects and other activities. ***Students who feel they have a Spanish speaking background should see Mrs. Kuechle prior to registration.***

261 T1 Spanish II

261 T2 Grades 10-12 Elective (3 Trimesters)

261 T3 Prerequisite: Spanish I (with a grade of C or better)

This course is a continuation of Spanish I. Grammar and vocabulary skills are refined and expanded, and reading exercises are broader in context. The course work will begin with different tenses of verbs. Students will increase their ability to understand and communicate in Spanish. The student will also have more opportunity for self-expression by performing monologues, writing journals, role-playing and guided conversation in class. The study of various cultures in the Hispanic world continues.

Students are not able to drop World Language courses once they are enrolled for the year.

262 T1 Spanish III

262 T2 Grades 11-12 Elective (3 Trimesters)

262 T3 Prerequisite: Spanish II

This course continues to build on the base formed in the first two years of study. It is highly suggested for those planning on attending a four year college. Students will expand their communication skills in reading, writing, listening, and speaking in Spanish. A more in-depth study of culture and literature steps up this course.

263 T1 Spanish IV

263 T2 Grades 11-12 Elective (3 Trimesters)

263 T3 Prerequisite: Spanish III

This course continues to develop the skills developed in the first three years of study. Students will continue to grow their skills in listening, reading, speaking, and writing. This will be done through some classroom skills such as tests and quizzes. In addition, students will have the opportunity to explore the language through life like projects. We will also dive deeper into cultural elements of Spanish speaking countries.

264 T1 Spanish for Heritage Learners

264 T2 Grades 9-12 Elective (3 Trimesters)

264 T3 Prerequisite: Spanish II

This class is designed for students who have a home environment where Spanish is spoken frequently or whose first language was Spanish and have oral proficiency. The purpose of this course is to enable students to develop, maintain, and enhance proficiency in Spanish. **This course does not count towards 2 years of a foreign language for college.**

| ACTIVITIES OFFERED AT GSL | | | | | 2022-23 |
|------------------------------------|--------|--------|----------------|--------------------------------|---------|
| ACTIVITY | SEASON | GRADE | LEVELS OF PLAY | ACTIVITY FEE | LETTER |
| FALL SEASON | | | | | |
| Cheerleading | Fall | 9 – 12 | Var | 9-12 \$140 | Yes |
| Boys & Girls Cross Country | Fall | 7 – 12 | MS, JV/V | 7-8 \$100; 9-12 \$140 | Yes |
| Football | Fall | 7 – 12 | 7, 8, C, JV, V | 7-8 \$110; 9 \$140; JV/V \$155 | Yes |
| Boys/Girls Soccer (Co-op w/ Hutch) | Fall | 9 – 12 | JV, V | 9-12 \$140 | Yes |
| Boys/Girls' Soccer | Fall | 7 – 8 | Hutch Com. Ed | TBD | No |
| Girls' Tennis | Fall | 7 – 12 | MS, JV, V | 7-8 \$100; 9-12 \$140 | Yes |
| Volleyball | Fall | 7 – 12 | 7, 8, C, JV, V | 7-8 \$100; 9 \$115; JV/V \$140 | Yes |
| WINTER SEASON | | | | | |
| Boys' Basketball | Winter | 7 – 12 | 7, 8, C, B, V | 7-8 \$100; 9 \$115; B/V \$140 | Yes |
| Girls' Basketball | Winter | 7 – 12 | 7, 8, C, B, V | 7-8 \$100; 9 \$115; B/V \$140 | Yes |
| Dance Team | Winter | 7 – 12 | JV, V | 7-8 \$100; 9-12 \$140 | Yes |
| Gymnastics | Winter | 7 – 12 | JV/V | 7-8 \$100; 9-12 \$140 | Yes |
| Wrestling | Winter | 7 – 12 | MS, JV/V | 7-8 \$100; 9-12 \$140 | Yes |
| SPRING SEASON | | | | | |
| Baseball | Spring | 7 – 12 | 7, 8, C, JV, V | 7-8 \$100; 9 \$115; JV/V \$140 | Yes |
| Boys' Golf | Spring | 7 – 12 | MS, JV/V | 7-8 \$100; 9-12 \$140 | Yes |
| Girls' Golf | Spring | 7 – 12 | MS, JV/V | 7-8 \$100; 9-12 \$140 | Yes |
| Softball | Spring | 7 – 12 | 7, 8, C, JV, V | 7-8 \$100; 9 \$115; JV/V \$140 | Yes |
| Boys & Girls Track & Field | Spring | 7 – 12 | MS, JV/V | 7-8 \$100; 9-12 \$140 | Yes |

| | | | | | |
|---|----------|---------|----------|---------------------------------|-----|
| MSHSL FINE ARTS | | | | | |
| Speech | Winter | 7 – 12 | Var | 7-8 \$100; 9-12 \$140 | Yes |
| Vocal Contests | Spring | 9 – 12 | | | Yes |
| Instrumental Contests | Spring | 7 – 12 | | | Yes |
| One Act Play | Winter | 9 – 12 | | 9-12 \$115 | Yes |
| Visual Arts | Spring | 7 – 12 | | | |
| CLUB ACTIVITIES | | | | | |
| Art Club | All Year | 7 – 12 | | TBD | Yes |
| Business Professionals of America (BPA) | Winter | 9 – 12 | | 9-12 pay (if qualify for state) | |
| Glencoe-Silver Lake FFA | All Year | 7 – 12 | | \$30 | |
| Boys/Girls Trapshooting | Spring | 7-12 | | TBD | Yes |
| FINE ARTS & OTHER | | | | | |
| Fall Musical, Stage Crew, Pit Band (9-12) | Fall | 7 – 12 | | 7 -8 \$100; 9-12 \$140 | Yes |
| Spring Play & Stage Crew | Spring | 9 – 12 | | 9-12 \$115 | Yes |
| Knowledge Bowl | Winter | 7 – 12 | MS, JV/V | 7-8 \$100; 9-12, \$140 | Yes |
| Mock Trial | Winter | 9 – 12 | | 9-12 \$100 | Yes |
| National Honor Society | All Year | 11 – 12 | | 11-12 \$35 | Yes |
| Close-Up | All Year | 11 – 12 | | | |
| Science Club | All Year | 7 – 12 | | \$25 | Yes |
| History Club | All Year | 9 – 12 | | \$25 | Yes |