

Kenyon-Wanamingo High School



Registration Guide 2022-2023

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ISD 2172 GRADUATION REQUIREMENTS

TARGETED REQUIREMENTS

English	4 credits (including 1 cr. each of English 9 and English 10)
Social Studies	4 credits (including 1 cr. each of Am.History/Gov't, World History & Geography, American Gov't, and Economics)
Science	3 credits (including 1 cr. each of Physics 9 and Biology)
Math	3 credits in one of the Math Tracks (see Mathematics)
Fine Arts	1 credit of electives
Explore	2 credits (including 1 cr. each during freshman and sophomore)
Advisory	1 credit (1/4 credit per year, 1 full credit during 9-12, prorated up to that time)

A total of 27 credits is needed to graduate.

ENROLLMENT SPECIFICS

Course Credit: equivalent of the successful completion of an academic year of study or the student mastery of applicable state/local standards. Only trimester and semester grades will be recorded on students' transcripts. 21/5 credits must be classroom credits as per State Law (Minnesota Academic Standards). A passing grade earns you the following:

- 0.333 credits for trimester courses
- 0.5 credits for semester courses
- 0.75 credits for Advanced Placement courses

College equivalent courses such as PSEO will earn 0.25 high school credits per college credit. (For example, a four credit PSEO course would earn you one high school credit).

Full-Time Student: Since Kenyon-Wanamingo High School is on an eight-period day, students are expected to maintain a rigorous schedule including a minimum of 7.0 credits for the year. This allows for one study period per term. In addition, all full-time students need to be enrolled in six academic courses per semester where letter grades are earned.

Senior Graduation Exception: Senior students who have earned enough credit and are on-track to graduate may reduce to 6.0 credits for the year. In addition, all full-time students need to be enrolled in at least five academic courses per semester where letter grades are earned.

Academic Credit: A student earns academic credit through completion of courses that have a regular classroom grading component. Pass/Fail courses do not count as academic credit. Work Records, Tutoring, Student Aide, Chromebook Repair Team, and Independent Study classes do not meet the definition of academic credit.

MSHSL Eligibility: To be eligible for MSHSL activities, a student must be considered a full-time student at Kenyon-Wanamingo High School. Therefore, to be MSHSL-eligible, a student must be enrolled in at least 3.0 academic credits per semester and be passing all academic classes to participate in MSHSL activities. Pass/fail credits are not academic classes.

Pass/Fail Credits: Up to 5.5 non-graded pass/fail credits may count toward your 27 required graduation credits in areas such as Tutoring, Student Aide, Work Records, Chromebook Repair Team, Advisory or any other pass/fail credit situation.

When the course is most likely to be offered is identified in the course description:

"Semester (year)" or "yearlong" means both semesters

"Semester I or II" means first or second semester

"Trimester (year) means it is a required elective rotation course (Grades 9)

Things to consider prior to registering for a course:

- Check for pre-requisite courses when selecting current course
- Consider the academic level of each course; this level is posted below each course in the handbook. It should serve as a guideline for the amount of reading, writing, and homework that you will be agreeing to do if you opt for that course

ACADEMIC LEVEL

For each course in the registration guide, you will notice three values associated with the course. Use this rating scale to view the types of expectations that are associated with this course. The staff at KWHS has evaluated each of their courses based on this criteria. The purpose of this evaluation is threefold. The first purpose is to alert students to the level of expectations that they will encounter in the course. The second purpose is to ensure the quality of the courses by stating upfront what the academic level of the courses will be. The final purpose is to allow both students and parents to choose the type of academic experience they are seeking. By offering multiple levels of courses and expectations, students are agreeing to meet the expectations of the instructor and KWHS.

We feel this will improve our focus on reading and writing throughout our school. Our staff is committed to consistently addressing the academic level of their courses to meet the needs of our students, as well to improve the accountability of our school. Please look through the criteria carefully as you make your course selections.

READING

1-LIGHT	Light reading, in-class only
2-MODERATE	Reading homework assigned outside of class, at times even lengthy. Student will be responsible for assessment on frequent basis based on homework readings of less than 10 pages.
3-SUBSTANTIAL	At least once weekly, students will be responsible for significant reading assignments of 10 or more pages. Students will be consistently responsible for knowing the content of what they read, in addition to comprehension of the material
4-COLLEGIATE	Nearly on a daily basis, students will be responsible for collegiate-level reading assignments. In terms of assessment, this involves comprehension and synthesis of the material covered. Students will be expected to analyze what they have read in an elaborate fashion.

WRITING

1-LIGHT	Written, short answers to questions. No formal outside writing (papers, essays, etc.)
2-MODERATE	Students will be asked to develop paragraphs using complete sentences. Normally, organized essays of up to one page turned in typewritten form.
3-SUBSTANTIAL	The full writing process is utilized in this class on a regular basis. Appropriate grammar and usage, outlines, story boards and development emphasized. Multiple drafts will be collected on major assignments to develop writing skills. Written assignments will frequently be from 2-5 pages.
4-COLLEGIATE	Major organized papers will be expected (longer than 5 pages). The research process is an emphasis for the construction of these papers. Proper citations, grammar and usage are a base expectation. Construction of synthesis and evaluation statements of course content is a routine expectation of written work.

HOMEWORK

1-LIGHT	There is very little to no homework assigned outside of this participation class.
2-MODERATE	There is some homework issued in this class. The weekly expectation will not exceed 60 minutes per week.
3-SUBSTANTIAL	Homework is given on a routine basis. Each student will be expected to complete between 60 and 180 minutes of homework per week. Students wanting to do well in this course are expected to prepare for exams.
4-COLLEGIATE	Homework is given on a daily basis. Students are expected to complete roughly the same amount of time outside of the classroom as inside the classroom. The total amount of homework in this course will rarely be less than 180 minutes per week.

4 YEAR PLAN

Student Name _____

To qualify for a KWHS diploma a student needs to complete the required course curriculum and nine elective credits to meet the 27-credit requirement. Use the 4-year plan worksheet to plan the placement of required and elective courses. Bold **R** means this is a required course area.

9 th Grade First Semester	Required	9 th Grade Second Semester
R American History/Government	1 credit	R American History/Government
R English 9	1 credit	R English 9
R Geometry or Algebra I or Algebra/Geometry	1 credit	R Geometry or Algebra I or Algebra/Geometry
R Physics 9	1 credit	R Physics 9
R EXPLORATORY – Art Survey / IT 9 / FACS 9	1 credit	R EXPLORATORY – Art Survey / IT 9 / FACS 9
9 th Grade (7.0 credits required) ADVISORY– Pass/Fail .25 credit		

10 th Grade First Semester	Required	10 th Grade Second Semester
R English 10 or Accelerated English 10	1 credit	R English 10 or Accelerated English 10
R Biology	1 credit	R Biology
R Algebra II or Geometry or Applied Algebra I	1 credit	R Algebra II or Geometry or Applied Algebra I
R World Hist/Geography or AP Human Geography	1 credit	R World Hist/Geography or AP Human Geography
R EXPLORATORY- Health / Work-Careers	1 credit	R EXPLORATORY – Health / Work-Careers
10 th Grade (7.0 credits required) ADVISORY– Pass/Fail .25 credit		

11 th Grade First Semester	Required	11 th Grade Second Semester
R English 11 or AP Lit & Comp or two semester electives	1 credit	R English 11 or AP Lit & Comp or two semester electives
R MATH -	1 credit	R MATH -
R Economics or Honors Economics	1 credit	R American Gov't or Honors American Gov't
R SCIENCE -	1 credit	R SCIENCE -
R FINE ARTS (During HS)	1 credit	R FINE ARTS (During HS)
11 th Grade (7.0 credits required) ADVISORY – Pass/Fail .25 credit		

12 th Grade First Semester	Required	12 th Grade First Semester
R English 12 or AP Lit & Comp or two semester electives	1 credit	R English 12 or AP Lit & Comp or two semester electives
R Social Studies Choice	1 credit	R Social Studies Choice
12 th Grade (6.0 credits required) ADVISORY– Pass/Fail .25 credit		

DEFINITION OF TERMS

ARTICULATION CERTIFICATES

Articulation means an agreement has been made between KWHs and selected 2-year post-secondary schools throughout Minnesota that allows a student to get a waiver for classes at the post-secondary school when skills have been certified by the high school instructor. Some tech prep courses offer articulation agreements. Students should let the teacher know they are interested in learning the skills in order to receive the certificate when the course is completed.



WHEN YOU SEE THIS SYMBOL IN THE FOLLOWING PAGES, IT INDICATES THAT THE COURSE HAS AN ARTICULATION AGREEMENT. THIS MEANS THAT A STUDENT MAY BE ABLE TO GET CREDIT FOR COLLEGE ENROLLMENT IN TECHNICAL COLLEGES WITH PROFICIENCY SHOWN IN THAT COURSE.

ADVANCED PLACEMENT (AP)

The Advanced Placement Program, AP, offers students the opportunity to demonstrate their mastery of college-level curriculum, earn college credit by successfully passing the AP exam, move into more challenging and interesting college courses faster, and save money on college tuition costs. Students will complete their AP exams at KWHs. Sophomore students may take AP courses, if available, and with instructor approval. There is a fee for each AP Exam a student chooses to take.

CONCURRENT ENROLLMENT

These are courses taught by a secondary or postsecondary faculty member, for which the school is eligible to receive concurrent enrollment aid. Kenyon-Wanamingo Public Schools collaborates with Southwest Minnesota State University to offer college credit courses to our high school students on our campus. Students who successfully complete these courses generate both high school and college credit from the partnering postsecondary institution. There is no cost to the student to participate in these courses, but there are entrance requirements. These courses provide high school students advanced skills today and greater flexibility when they enter the university setting full-time.



WHEN YOU SEE THIS SYMBOL IN THE FOLLOWING PAGES, IT INDICATES THAT THE COURSE IS TAUGHT THROUGH SMSU'S COLLEGE NOW PROGRAM. A STUDENT TAKES THIS COURSE WITH A KW TEACHER AND MAY BE ABLE TO GET CREDIT FOR COLLEGE ENROLLMENT UPON SUCCESSFUL COMPLETION OF THE COURSE.

COLLEGE-LEVEL EXAMINATION PROGRAM (CLEP)

The College-Level Examination Program (CLEP) is a College Board program that allows students to accelerate their education by earning college credit by taking a computer-based test of their knowledge. Learning is through general academic instruction, independent study, extracurricular work or volunteerism. The time and money saved can be significant. Check with the postsecondary institution of your choice for their most recent CLEP credit policy. Visit the College Board website for more information.



WHEN YOU SEE THIS SYMBOL IN THE FOLLOWING PAGES, IT INDICATES THAT THE COURSE IS ALIGNED WITH THE COLLEGE BOARD'S CLEP STANDARDS AND STUDENTS HAVE THE OPPORTUNITY TO TAKE THE CLEP EXAM. COLLEGE CREDIT CAN BE EARNED BY SUCCESSFULLY PASSING THE CLEP EXAM.

9TH/10TH GRADE EXPLORE SEQUENCE

All students in Grades 9 and 10 are required to experience a Careers Sequence. The five areas of orientation will lead into the advanced portions of each program. Also, there is a careers component in each that allows students to make informed choices about their future as a student and/or employee. In 9th Grade, the three areas are Art Survey, Industrial Tech and FACS. In 10th Grade, the two areas are Health and Work Experience/Careers. Students failing a career block course or who are unable to fit it into their schedule for academic reasons will have the opportunity to make up the career block course via an elective from that department.

ITV (WETC)

KW, ZM, Goodhue, and CF are in a partnership that allows one teacher to teach a course to students at all four sites at the same time. Interactive Television (ITV) courses can be challenging based on the style of teaching and learning. However, the group of students at any one site is small and the teacher has visual and sound access to all students. See ITV addendum for course listings.

PSEO

Post-Secondary Enrollment Options allows high school sophomores, juniors, and seniors to take courses online or at a post-secondary institution for high school and college credit. Tuition, fees and required textbooks are at no cost to students. Please consult the school counseling office if you are interested in learning more about this opportunity. The deadline to sign up for PSEO courses is May 30th of the school year prior to PSEO enrollment. For more specific information, please go to

<https://education.mn.gov/MDE/dse/schfin/pseo/index.htm>

- **Juniors and Seniors** may take one or more courses up to a full-time course load as defined by the post-secondary institution.
- **Sophomores** are allowed to enroll in one Career & Technical Education (CTE) course

PLEASE NOTE - PSEO institutions have full control over admission policies. Please consult individual colleges for that information. Credits received at a post-secondary institution are on the student’s high school and college records and count as courses completed at both institutions. PSEO classes do not qualify for weighted grade status. **The student is responsible for meeting all Kenyon-Wanamingo High School graduation requirements.** The parent/guardian and student will be requested to sign a Kenyon-Wanamingo PSEO Expectation Form.

COLLEGE REQUIREMENTS

	Employment	Military	Vocational Or Technical	Community College	Traditional 4-Year College	Selective 4-Year College	Highly Selective College
Examples	Full or Part Time Employment	Army, Navy, Air Force, Marines, National Guard	DCTC, South Central, St. Paul College	RCTC, Inver Hills, Normandale, Anoka-Ramsey	St. Cloud, Mankato, Winona, UW-Stout, UW-River Falls	U of M, St. Olaf, Gustavus, UW-Madison	Carleton, Harvard, MIT
CORE ACADEMIC REQUIREMENTS (*Credit Based*)							
English	4	4	4	4	4	4	4
Math	3	3	3	3	3-4	4	4
Science	3	3	3	3	3-4	4	4
Social Studies	3.5	3.5	3.5	3.5	3.5	3.5-4	4
Arts	.5	.5	.5	.5	1	1	1+
World Lang.	Not Required	Not Required	Desirable	Desirable	2 high school credits	Completion of level 2 or 3 (at least 2 Credits)	
CTE(Ind.Tech, STEM,Business, FACS)	Not Required	Not Required	Desirable	Desirable	Career Pathway-specific	Career Pathway-specific	

POLICY CONSIDERATIONS

STATE REQUIRED GRADUATION TESTING

Class of 2023:

At this point in time, there is not a MN State testing requirement for students in grade 8 in the fall of 2013 and beyond. The school district must offer the opportunity for students to take a college entrance exam, but the students do not have to take it.

CLASS RANK

All semester/final course grades (excluding pass/fail grades) in grades 9-12 are used in determining class rank. Weighted grades are used in the ranking process. Students enrolled at KWHS on October 1 of that year are included in yearly GPA ranks.

COURSE CHANGES

Course offerings are listed in the annual KW Registration Guide. Because a course is listed in the Registration Guide, does not mean that it will automatically be offered during the given school year; therefore, it is important for students to select alternate course options. Course request data is used to tell the school administration which courses listed in the guide will be offered. The master schedule for the year is developed after students make their choices during registration. Students are expected to take the courses they selected at registration. **Please remember that once you have selected your courses along with alternate courses for next year, it will be extremely difficult to make changes in your course selection.** It is important for students to develop a four-year course plan for their high school experience. If a scheduling conflict occurs, student-selected alternate courses will be added to student schedules as necessary. Once the school year begins, the only allowed changes will be to drop a class to add a study hall, special education team request, or to add a class that is required for graduation. These changes must be made within the first three days of the semester. Any other changes will be determined by the teacher, principal, parent, and counselor on an individual basis and only due to extenuating circumstances.

COURSE FEES

In accordance with Minnesota State Statute 123B.36 a school may require payment of fees under specific circumstances. The most common circumstances are:

1. Where the resultant product, in excess of minimum requirements and at the pupil’s option, becomes the personal property of the pupil. For example, a wood shop project built with the intention of taking it home.
2. A security deposit.
3. Courses that are not a required part of the educational program, such as driver’s training.
4. Field trips that are considered supplementary or social.
5. Items or events that are optional.
6. A reasonable rental fee for musical instruments.
7. Transportation for optional events.

Our goal is to provide advanced notice of which courses or activities have fees associated with them in the registration guide. Course syllabi should provide an itemized account of the actual costs that are supported by the fees.

DROPPING A COURSE

If a student requests to drop a course after the first three days, it may result in a failing grade for the course. Courses that are dropped after the first 3 days of the semester through the sixth week will result in a "DC" on the student's final transcript. A "DC" carries the weight of an "F" grade. Written permission from parent(s), teacher, and principal must be obtained to drop a course.

Students who fail the first semester of a full-year class may be dropped from that class at the end of the semester. They will be allowed to register for another course.

EARLY GRADUATION

It is recommended that this process begin no later than the spring of the student's junior year. A student may be considered for early graduation from KWHS upon meeting the following conditions:

1. All course and credit requirements established by KW School Board and State Board of Education must be met.
2. A meeting with the principal, student, and parent/guardian will be held. It shall be the responsibility of school personnel to point out the opportunities available for post-secondary education. Following the meeting the principal shall make a decision on the request.
3. This decision is presented to the School Board for approval. The principal will notify the student and parents in writing of the final decision made on the request.

REPEATING A FAILED REQUIRED COURSE

Students who fail a required class are required to do one of the following:

- (a) take the same class over to get credit
- (b) attend and complete a summer school course of equal credit to be promoted to the next level
- (c) do a Credit Recovery course through an approved course set up through the Counselor and/or Principal.

When the repeated course is retaken and passed, the previous attempt will be recorded as an "R" on the transcript and will be replaced by the grade from the repeated course. For (b) and (c), the failed grade will not change.

REPEATING A COURSE TO ACHIEVE A BETTER GRADE

Permission is required from the teacher, parent, and principal if a student wants to repeat a course due to dissatisfaction with the earned grade, provided that grade is below a C. The most recent of the two grades earned will be used in the student's cumulative grade point average. The previous attempt will be recorded as an "R" on the transcript. Only one credit for the course will be recorded.

REPEATING/AUDITING A COURSE

Students who would like to audit a course for "No Credit" may do so with permission from the Principal and/or Counselor and the teacher of the audited course. In addition, on a space-available basis, there are certain classes that upperclass students may take again as pass/fail provided there is room and the student is on a graduation path. The student may not receive credit for a second passing grade in the same course with the exception of certain Pass/Fail courses (h.g. Work Experience, Tutoring, Chromebook Repair Team, Student Aide).

WEIGHTED GRADES

Following is a chart of weighted classes and their grade point equivalent. Weighted classes are distinguished by an asterisk (*) after the course title.

Chemistry* Biotechnology* Most AP* courses Anatomy/Physiology*
Spanish III* and IV* Precalculus* + above Honors American Gov't* Honors Macroeconomics*
Concurrent Enrollment courses Most CLEP courses

Letter Grade	Non-Weighted Value	Weighted Value
A	4.0	5.0
A-	3.7	4.6
B+	3.3	4.2
B	3.0	3.8
B-	2.7	3.4
C+	2.3	3.0
C	2.0	2.6
C-	1.7	2.2
D+	1.3	1.8
D	1.0	1.4
D-	0.7	1.0
F	0.0	0.0

KWHS COURSE DESCRIPTIONS 2022-2023

The following registration guide reflects the proposed offerings for the coming school year. Changes may need to be made due to scheduling conflicts, modification of teaching assignments or revisions that better meet the needs of our students. Please note any prerequisite to a course. The course descriptions should help you plan your schedule. Please call the HS if you have any questions. All courses are offered as a semester, ½ credit unless otherwise marked. Shaded courses are not available in 2022-2023.

AGRICULTURE EDUCATION

101. WORK EXPERIENCE/CAREERS (Semester)

(REQUIRED—GRADE 10)

Reading: 2

Writing: 2

Homework: 2

This class will focus on the research and choices that the students will be facing while getting ready for post secondary schooling and the world of work. The first area that will be covered will be school and career research with the use of the MCIS website. This will give the students a chance to do interest surveys, research what is needed for those careers and which schools have the education programs that cover the education requirement. Students will also spent time on post-high school applications and requirement, scholarship applications, career planning and career changing. Along with the career work, the students will also spend time on items that will be faced once they enter the world of work. Items that will be discussed will include: Employer/Employee relations; Customer service; Hazardous occupations; Labor Laws; Leadership on the job; Work Forms; Benefits; Job applications and Interview.

102. METALS I (Semester I)

(Elective—all grades)

Reading: 2

Writing: 1

Homework: 1

This class will use the welding technologies of Arc, Oxy/Acetylene, MIG and TIG welding to repair and/or make new metal projects. Students will have hands-on experience with all welding techniques. Once proficient, they will be able to plan and fabricate metal projects in the shop.



103. HORTICULTURE (Semester)

(Elective—all grades)

Reading: 2

Writing: 2

Homework: 2

Students will learn the fundamentals of plant growth and development. The class will be responsible for the production of several varieties of flowers in the greenhouse. Other topics covered will include plant propagation, tissue culture, hydroponics, and greenhouse management. Students will complete several experiments and activities to gain an understanding of the above topics.

104. LANDSCAPING (Semester)

(Elective—grades 10 to 12)

Reading: 2

Writing: 2

Homework: 2

Students will gain an understanding of the basic principles of landscape design and construction. Students will learn how to identify many common landscape plants. Create various landscape features including: ponds, walls, and patios. Students will also be given an opportunity to utilize the best landscape design software currently on the market to design a variety of landscapes. Students will also have the opportunity to install at least one complete landscape.

106. METAL FABRICATION (Semester II)

(Elective—all grades)

Reading: 2

Writing: 1

Homework: 2

PREREQUISITE: METALS I

This class will use the welding and metal working machines and tools in the shop to plan and design metal working projects. The Machine tool machines (surface grinder, vertical mill and Metal Lathe) will be used to do precision metal working in this advanced metals course.



105. AGRICULTURE MECHANICS (Semester)

(Elective—grades 11 & 12)

Reading: 2

Writing: 2

Lab Intensity: 3

PREREQUISITE: INTRO TO MECHANICS AND METALS I



This course focuses on trucks, tractors and other power vehicles. The main focus will be on the multiple cylinder engine. Basic engine theory including parts, measurements, trouble shooting and overhauls will be the main components. The class will include theory and hands on application of gasoline and diesel engine power.

107. AG. BUSINESS MANAGEMENT (Semester I)

(Elective—grades 10 to 12)

Reading: 2
Writing: 2
Homework: 2



This class deals with the practical application of agribusiness management techniques. Hands on labs covering business records such as basic accounting, cash flows, net worth statements, depreciation, and inventory management will be a major component of this class. We will also cover advertisement, employer/employee issues, sales and marketing. The items covered in this class can be applied to the management of any small business. Students in this course may earn their Economics standard needed for graduation.

108. ADVANCED METALS AND MACHINING (Semester)

(Elective—grades 10 to 12)

Reading: 2 (Metal project blueprints)
Writing: 2 (Metal project plans and proposals)
Homework: 2

Pre-requisite: C or better in Metals 1

This class will focus on the advanced application of metals for welding including all ARC, Fuel/Gas, MIG, TIG and Aluminum welding as well as working with metal forming and machining operations such as Ironworkers, Mills, Lathes, and other precision power driven machinery for the forming and production of advanced metal projects.

450. INTRODUCTION TO MECHANICS (Semester)

(Elective—all grades)

Reading: 2
Writing: 1
Homework: 1

The focus of the course is small engine technology. Students will learn the theory of operation and the basic overhaul procedures for both 2-stroke cycle and 4-stroke cycle small gas engines. Students will learn how to use a variety of mechanics tools, measuring tools and diagnostic tools to disassemble, test and reassemble a one-cylinder gas engine.

110. ANIMAL PRODUCTION (Semester)

(Elective— all grades)

Reading: 2
Writing: 2
Homework: 2



This course will cover a variety of subjects in the science of animal production. Some of the areas will include: animal health, nutrition, production practices, reproduction, sales and economics. The students will work with traditional animals, new species production and companion animals. The class will also explore careers in the animal industry and research college animal science programs.

117. SMALL ANIMAL PRODUCTION & CARE (Semester)

(Elective- grades 9-12)

Reading: 2
Writing: 2
Homework: 2

This class will work with the common methods of growing and caring for companion animals (pets). We will deal with growth and production, reproduction, nutrition, grooming, and health care. Small animal care is the largest and fastest growing area of the Veterinarian field. This would be a great introductory course for individuals looking into the Vet Tech career path.

112. AGRONOMY (Semester II)

(Elective—all grades)

Reading: 2
Writing: 2
Homework 2



Students in this class will explore the traditional and the new plant production techniques used today in the world of Plant Agriculture. The class will focus on the new production techniques that save on inputs and the environment. Time will also be spent on the developing crops and their uses. Crops from corn to grapes, the ethanol industry and new products will be covered. In this class we will look at what is being developed now for the future of the food and fiber industries.

111. AGRICULTURE POWER (Semester)

(Elective—grades 11 & 12)

Reading: 2
Writing: 2
Lab Intensity: 2

PREREQUISITE: INTRO TO MECHANICS AND METALS I



This course focuses on the assembly, operation, adjustment and reconditioning of agricultural equipment, tractors and trucks. The students will work on new and used equipment set-up and repair using technical information on line and in repair and operations manuals. They will trouble shoot and diagnose problems that will be repaired during a restoration and repair project in the shop.

114. RESOURCE/WILDLIFE (Semester)

(Elective—all grades)

Reading: 2
Writing: 2
Homework: 2

This class will cover many of the natural resources that we encounter in the agricultural industry. Areas covered will include soil and water conservation, wildlife preservation and utilization, and management of our raw product/wildlife resources. The agricultural industry and our environment have to find balance so we may continue to feed and clothe our population, while preserving our surroundings. A major part of the course will deal with agencies such as the DNR, Farm Services, USDA and Soil Conservation Service. There will be many outdoor activities that will be implemented in the class to reinforce the lessons.

127. FOOD SCIENCE (Semester)

(Elective—all grades)

Reading: 2
Writing: 2
Homework: 2

Currently our world has a population of 7 billion people and in thirty years it is estimated there will be 9 billion. To feed everyone, the understanding of food and the science of producing food will be critical. The food industry is one of the largest manufacturing industries in the world and is growing steadily. The world is looking for a convenient, safe, and nutritious food supply. This course will focus on an in-depth study of meat science and the chemistry and physics involved in producing food, such as the scientific processes that cause food products to look, taste, feel, and smell the way they do. A major emphasis will be placed on nutritional aspects of food, and the digestion, absorption, and metabolism of food. This is not a cooking class and focuses on basic structure of food and how we use that knowledge to create new food products.

115. AGRICULTURE ELECTRIFICATION (Semester)

(Elective—grades 11 & 12)

Reading: 2
Writing: 2
Lab Intensity: 4



This course will utilize the National Electrical Codes to develop skills needed for basic building and residential wiring. In this class we will include proper cable size, switch devices, lights, motors and other electrical machinery. We will cover both direct and alternating current and their uses throughout the wiring industry. This course will be a great lead-in to individuals who want to go into electrical careers and would also be useful for those individuals who want a general understanding of electricity for basic repairs.

116. AGRICULTURE STRUCTURES (Semester)

(Elective—grades 11 & 12)

Reading: 2
Writing: 2
Lab Intensity: 2



This course will cover all areas of building construction from foundations to roof. Classes will work through design, application and pricing principles for various structures found on building sites. We will cover post and pier, post and girder, stud wall and masonry wall construction. Current Minnesota Building Codes will be applied in a hands-on application of building sheds as a class project. Construction trades will be discussed and alternative building materials and designs will be covered.

121. SUMMER AGRICULTURE

(Elective—grades 9 to 12)

Reading: NR
Writing: NR
Homework: NR

This class will work in conjunction with many of the FFA awards and programs. It will consist of the documentation of 60 hours of classroom and/or farm or agribusiness work that will be verified by the Vocational Agriculture instructor through record checks and participation in summer fairs, meetings, leadership camps and judging contests. This option is not available to online registrants.

109. WORK RECORDS (Pass/Fail, Semester)

(Elective—grades 11 & 12)

(May be Repeated, 2.0 credit maximum overall)

This course will explore ideas and develop skills and competencies that will help students succeed in a career field of their choice. Students need to maintain periodic coursework, and record of hours worked to maintain their status as a Work Records student. (see #13. Work Release also) This option is not available to online registrants. All students in Work Release must be signed up for Work Records. This is the record-keeping class for having a Work Release period. All students will fill out and turn in Work Contracts, Weekly time cards and evaluations. Work schedules, employer/employee relations and customer service will be evaluated for this PASS/FAIL credit.

ART/GRAPHICS

150. ART SURVEY 9 (Trimester - .33 credit)

(REQUIRED—GRADE 9)

Reading: 2
Writing: 1
Homework: 2

Art is all around us. ART SURVEY is an introductory and prerequisite course for all high school art courses. This course helps students develop skills in using line, shape, texture, color, value and space in art. Student's will do design projects as well as some drawing and three-dimensional art.

159. 2D ART I (Semester)

(Elective—all grades)

Reading 2
Writing: 1 \$20 lab fee
Homework: 2

Students will have the opportunity to create using drawing, painting, photographic, and digital techniques. They will increase their understanding and appreciation of art through responding to and making two-dimensional visual images. They will examine, analyze, interpret, and judge traditional and contemporary works of art and artifacts to discover how artists have used the following features of art: elements, principles, subject matter, media, techniques, styles, and products/function. Individual and group experiences will promote problem solving, creative thinking, and formal expression.

162. 2D ART II (Semester)

(Elective—grades 10 to 12)

Reading: 2
Writing: 3 \$20 lab fee
Homework: 2

PREREQUISITE: 2D ART I

Students will build on what they learned in 2D Art I. Students will have more choice in the types of projects they create as well as work with more advanced materials such as painting on canvases and Photo-editing software.

153. 3D ART (Semester)

(Elective—all grades)

Reading: 1
Writing: 2 \$10 lab fee
Homework: 2

The course is designed to introduce students to a variety of different mediums that are not part of traditional two dimensional art classes. Much of the course involves techniques and artistic exploration in ceramics. There is a \$10 fee suggested to cover the costs of take-home projects. You may purchase these on your own, as well, to participate in this class. This course will introduce students to a variety of sculpture based art forms including: clay, jewelery making, sculpting, and construction of found object sculptures.

158. 3D ART II (Semester)

(Elective—grades 10 to 12)

Reading: 1
Writing: 2 \$10 lab fee
Homework: 2

PREREQUISITE: 3D ART

3D Art II will build on the skills learned in 3D Art I. Students will explore more advanced techniques in ceramic art such as mixing glazes, using different clay bodies, experience reductive sculpture such as carving and creating more complicated forms. Students will also explore how the understanding of three dimensional art can help prepare them for a variety of careers within and outside of visual arts.

163. 2D ART II- PORTFOLIO DEVELOPMENT (By agreement only)

(Elective—grades 11 & 12)

Reading: 2
Writing: 1
Homework: 2

PREREQUISITE: PREREQUISITE: ART SURVEY, INSTRUCTOR PERMISSION AND ONE CREDIT OF ART WITH A OR B AVERAGE

Students will pursue their interest in two-dimensional art and design with the goal of producing a 12-image portfolio by the end of the semester that can be used to apply for art scholarships and as part of college applications (even if you have no interest in an art major). 2D Art II Portfolio Development is an opportunity to concentrate on a type of art students are specifically interested in or a concept they want to explore in depth. Students will also be provided opportunities to enter their work in local contests and display their art in the community.

164. 3D ART II- PORTFOLIO DEVELOPMENT (By agreement only) (Elective—grades 11 & 12)

Reading: 2
Writing: 1
Homework: 2

PREREQUISITE: PREREQUISITE: ART SURVEY, INSTRUCTOR PERMISSION AND ONE CREDIT OF ART WITH A OR B AVERAGE

Students will pursue their interest in three-dimensional art and design with the goal of producing a 12-work portfolio by the end of the semester that can be used to apply for art scholarships and as part of college applications (even if you have no interest in an art major). 3D Art II Portfolio Development is an opportunity to concentrate on a type of art students are specifically interested in or a concept they want to explore in depth. Students will also be provided opportunities to enter their work in local contests and display their art in the community.

160. YEAR BOOK (Semester) (Elective—grades 11 to 12)

This class will be responsible designing and completing pages for the High School Year Book. Approval from Mr. Eggerstedt is needed prior to taking this course and credit is available to those chosen for a leadership role such as editor, co-editor, business manager, or head photographer.

BUSINESS EDUCATION

208. PERSONAL FINANCE (Semester) (Elective—grades 11 to 12)

Reading: 3
Writing: 2
Homework: 3

Personal Finance is a semester long course designed to deliver essential financial understanding in an engaging way. Students will learn personal finance through comprehensive lesson plans, activities, projects, and more. The curriculum is also designed to use current technology, spark participation, and integrate real-world scenarios. Personal Finance consists of 10 units and diagnostics, midterm, and final exams that expand upon a student's finance, math, and critical thinking skills.

201. MS APPS I (Semester I) (Elective—grades 9 to 12)

Reading: 3
Writing: 3
Homework: 1

This hands-on course examines three Microsoft software applications (Word, Excel, and PowerPoint). This course progressively builds on previously established computer application concepts. In addition to independent projects, students will be required to participate in daily computer based class work assignments to demonstrate application proficiency. Class participation and cooperative learning in which students learn from each other and help each other is an important element of this course and part of each student's grade. This course will teach students how to learn to identify and solve software problems, work together and help each other and to think critically. Students will learn how to do something as well as be able to identify why and when to use it.

216. GENERAL BUSINESS (Semester) (Elective—grades 9 to 12)

Reading: 3
Writing: 2
Homework: 2

Students will explore the world of business through topics that include economics, finance, management, ethics, legal forms of business and operations as well as marketing. Students will be able to demonstrate an understanding of contemporary concepts and basic principles of effective business practices. Through an introduction to business foundations in our free-market system, students will develop a comprehensive view of business trends, the role of government, society, and our global economy that all contribute to successful business and entrepreneurial ventures. Students will gain an understanding of consumer buying decisions motivated by promotional strategies.

157. PHOTOSHOP (Semester) (Elective—grades 10 to 12)

Reading: 2
Writing: 2
Homework: 2

This course will provide a basic understanding of Adobe Photoshop. This class will help students understand better how to use different graphic design programs as well as how to make visually pleasing images. At the conclusion of this course, students will have the opportunity to gain an articulation certificate that may be presented to 2-year institutions providing them credit for their work in this class.

206. MARKETING (Semester I)*(Elective—grades 10 to 12)*

Reading: 3
 Writing: 2
 Homework: 3

This course explores careers in marketing, sales, or small business operations, including opportunities in retail, wholesale, advertising, and other occupational fields using marketing principles. The central focus of the course is how the flow of goods and services from the producer to the consumer is impacted by marketing functions. Students will conduct market research about the purchasing process, distribution systems, merchandising and promotion/display, salesmanship, sales promotions, store security and theft control, store operations, business management, and entrepreneurship. Human relations and interpersonal skills, use of the Internet and social media as marketing tools, and economics may be included.

217. COMPUTER PROGRAMMING (Semester)*(Elective—grades 10 to 12)*

Reading: 3
 Writing: 2
 Homework: 2

This course introduces students to both procedure-oriented and object-oriented computer programming. Structured programs will be written with a computer programming language with an emphasis on procedure-oriented programming. Topics will include objects, classes, methods, properties, flowcharting, pseudocode, top-down design, logic structures, data types, decisions, subroutines, looping, and arrays. Students will discuss current events and ethical issues related to technology as well as various computer science careers.

207. PERSONAL & BUSINESS LAW (Semester)*(Elective—grades 10 to 12)*

Reading: 3
 Writing: 2
 Homework: 3

This course emphasizes legal concepts that are relevant to business. Topics include contracts, buying/renting property, installment buying, insurance, buyer/seller relationships, negotiable instruments, employment, taxes, insurance, commercial papers, legal organizational structures, and consumer liabilities. This course is filled with practical content that can be applied in the daily life of a student. It will provide students with a comprehensive understanding of business and personal law. Students will be challenged to think analytically as they study classic legal cases as well as recently decided cases. Controversial issues and current legal events are highlighted within each unit. The course will focus on criminal and civil law and the court systems that enforce the laws.

215. INTRODUCTION TO ONLINE BROADCASTING A (Semester I)*(Elective—all grades)***218. INTRODUCTION TO ONLINE BROADCASTING B (Semester II)**

Reading: 3
 Writing: 3
 Homework: 3

Introduction to Online Broadcasting is an introductory, yearlong “hybrid” course that provides students with a hands-on experience working with video recording, editing, and production, online broadcasting, and reporting. Students will practice these skills while producing Kenyon-Wanamingo’s live stream sporting events and Kenyon-Wanamingo’s weekly news segment, “Inside The Lair with Kirby and Blair.” Students will be required to be available outside of school hours to live stream sporting events and other K-W events. This course can be taken repeatedly for credit. This course is available to take repeatedly for credit with instructor approval.

CAREER AND COLLEGE READINESS**911. ADVISORY (.25 credit)***(REQUIRED—All Grades)*

Reading: 1
 Writing: 1
 Homework: 1

Students will develop and consistently modify their four-year high school plan as they identify and prepare for post-secondary opportunities. All students are required to participate in advisory periods. Students receive guidance from their assigned faculty member. These sessions are generally scheduled for the second and fourth Wednesday of each month. An alternate schedule is used on advisory days.

912. ACT & COLLEGE PREP (Semester II)*(Elective- grades 10-12)*

Reading: 2
 Writing: 2
 Homework: 1

This course will allow students to prepare for the college entrance tests with a primary focus on the ACT test. This class is designed for juniors and seniors who want to score well on their ACT test or to improve their ACT scores. Throughout the semester, we will

discuss important information related to preparing for college, applying to colleges, choosing a college and completing scholarship applications. We will also discuss important information relating to college requirements, tuition and financial aid.

ENGLISH

Minnesota students are required to participate in State required tests to graduate from a Minnesota high school. For details, please see Graduation Testing under Policy Considerations. The main objectives of the KWHS English program are to prepare students for both 2- and 4-year post-secondary programs, meet state graduation requirements, and to provide a well-rounded program in literature, grammar, writing and communication.

Grade	Course
9 th Grade	English 9 A & B
10 th Grade	English 10 A & B OR Accelerated English 10 A & B
11 th Grade	English 11 A & B OR AP Literature & Composition A* & B* OR <u>Two</u> of the following semester-long English electives: Creative Writing, Media Literacy, Humanities, College Academic Writing*, College Essentials of Speech*
12 th Grade	English 12 A & B OR College Prep English A & B OR AP Literature & Composition A* & B* OR <u>Two</u> of the following semester-long English electives: Creative Writing, Media Literacy, Humanities, College Academic Writing*, College Essentials of Speech*

300. ENGLISH 9 A (Semester I)

(REQUIRED—GRADE 9)

301. ENGLISH 9 B (Semester II)

(REQUIRED—GRADE 9)

Reading: 2
Writing: 3
Homework: 2

This course will cover a variety of areas. These include, but are not limited to, research and writing, reading and analyzing short stories, poetry, a novel, and a play. Special emphasis will be placed on grammar and the mechanics of writing.

320. ENGLISH 10 A (Semester I)

(ELECTIVE—GRADE 10)

321. ENGLISH 10 B (Semester II)

(ELECTIVE—GRADE 10)

Reading: 2
Writing: 2
Homework: 2

The curriculum includes the reading, study, and evaluation of short stories, poetry, drama, non-fiction, and novels. The communication process, grammar/vocabulary, literary analysis, academic and creative writing will receive major emphases in this course. The course prepares students for the MCA Reading exam through fiction and non-fiction reading and skill practice.

327. ACCELERATED ENGLISH 10 A (Semester I)

(ELECTIVE—GRADE 10)

328. ACCELERATED ENGLISH 10 B (Semester II)

(ELECTIVE—GRADE 10)

Reading: 3
Writing: 3
Homework: 3

PREREQUISITE: Top 1/2 of their class

The curriculum includes the reading, study, and evaluation of short stories, poetry, drama, non-fiction, and novels. The communication process, grammar/vocabulary, literary analysis, academic and creative writing will be part of the course study. However, the emphasis for this Accelerated English 10 course is providing vigorous groundwork for upper level English such as AP Literature & Composition or College Academic Writing. The course prepares students for the MCA Reading Exam through fiction and non-fiction reading and skill practice.

308. ENGLISH 11 A (Semester I)**(REQUIRED—GRADE 11)****309. ENGLISH 11 B (Semester II)****(REQUIRED—GRADE 11)**

Reading: 3

Writing: 3

Homework: 2

The English literature curriculum will examine mythology, English forms and style of poetry, non-fiction, novels, drama and satire. In the second semester, there is a focus on the communication process. Argumentative, analytical, and creative writing in conjunction with critical thinking and reading skills are stressed. On-going skill development in vocabulary, parts of speech, punctuation, and grammar are reviewed and practiced in preparation for the ACT, SAT, ASVAB, or ACCUPLACER.

310. AP LITERATURE/COMPOSITION A* (0.75credit)**(Elective—grades 11 & 12)****311. AP LITERATURE/COMPOSITION B* (0.75credit)****(Elective—grades 11 & 12)**

Reading: 4

Writing: 4

Homework: 4

PREREQUISITE: B or better in their prior Language Arts course or a recommendation from a previous Language Arts teacher. In addition, required summer assignments must be completed by course start date. This challenging course will prepare you for a freshman, college-level literature course. The purpose of this course is to provide students with an understanding of semantic, structural, and rhetorical resources of the English language as they relate to the principles of effective writing. By composing for different purpose and audience, students will become more skilled writers. This course is intended to challenge and promote: independent, logical and critical thinking; good study skills, and academic achievement. Students will receive college-level instruction in studying a variety of literature representing a spectrum of genres including poetry, short story, drama, fiction and non-fiction. Studies will include British and American authors from various time periods. Analysis of literature and academic writing in response to the various works and genres are emphasized. Literary terms and devices are scrutinized in works. Application through academic writing is evaluated.

312. COLLEGE PREP ENGLISH A (Semester I)**(Elective—grade 12)****313. COLLEGE PREP ENGLISH B (Semester II)****(Elective—grade 12)**

Reading: 4

Writing: 4

Homework: 3

This course is designed to prepare students for a 4-year college or university. Areas of emphasis will include analytical thinking, inferential thinking, literature, essay writing, and the research process. The emphasis in this course will be on college-level writing as well as speech communication. Literature study may include Hamlet, Silas Marner, A Tale of Two Cities, or similar works.

314. ENGLISH 12 A (Semester I)**(Elective—grade 12)****315. ENGLISH 12 B (Semester II)****(Elective—grade 12)**

Reading: 2

Writing: 3

Homework: 2

This course is designed to prepare students for a 2-year college or vocational training program and entrance into the job market. Areas of emphasis will include technical reading and writing skills, and professional writing and speaking skills. Specific assignments may include technical manual reading/writing, resume & cover letter, and mock interviews.

318. CREATIVE WRITING (Semester)**(Elective—grades 10 to 12)**

Reading: 2

Writing: 4

Homework: 3

This class explores various mediums of works to discover the elements of creativity. In this course, the class explores creativity through analyzing, interpreting, valuing, researching, and writing. Students will explore and practice using their writer's voice, producing a creative writing portfolio containing short story, poetry, expository writing, and biographical sketches. The writer's workshop and group collaboration for purpose, audience, and feedback is practiced.

322. COLL. ACADEMIC WRITING* (Semester)*(Elective—grades 11 to 12)*

Reading: 4
 Writing: 4
 Homework: 4

**PREREQUISITE:**

- Be at least 16 years old.
- Juniors must be in the top 1/3 of their class or have a math ACT of 24 or a PLAN score of 19.
- Seniors must be in the top 1/2 of their class or a math ACT of 21 or a PLAN score of 17.
- Have a minimum high school GPA of 3.0.

ENG 151/College Academic Writing is the primary entry-level writing class for all SMSU students and is one of the core first-year liberal arts classes. ENG 151 serves as a beginning point for helping students engage in the LAC goal to “communicate effectively.” Towards this end, ENG 151 will enable students to determine a writing purpose, generate ideas to support a topic, determine an audience, develop a focus, and organize a written text, beginning with more personal, or “reflective,” writing and moving on to expository writing and argument. At least two of these papers will involve a research component through which students begin to learn the conventions of citation and documentation. Furthermore, the class will enable students to learn how purpose and audience affect the content, language, and form of a written text. Students must meet minimum writing objectives as determined by the English Department’s placement procedures to be placed into this course.

329. MEDIA LITERACY (Semester)*(Elective—grades 11 to 12)*

Reading: 3
 Writing: 3
 Homework: 2

Media Literacy is a 21st century approach to education. It provides a framework to access, analyze, evaluate, and participate with messages in a variety of forms- from print to video to the Internet. From investigating biased information and sources, to understanding one’s responsibility as a consumer of information, a student will develop media literacy skills, understand how to responsibly navigate the internet and how to understand algorithms and internet usage. The course goal is to promote essential skills of inquiry and to be wise consumers of media and information in various forms for citizens of a democracy.

323. HUMANITIES (Semester)*(Elective—grades 11 to 12)*

Reading: 2
 Writing: 2
 Homework: 2

Pre-requisite: Successfully earned credit in English 9 and 10

Humanities studies the history and development of human thought and culture. By focusing on literature, history, philosophy, art and film, Humanities courses seek a broad and interconnected understanding of the human experience and introduces themes and methods of inquiry of the Humanities.

326. COLL. ESSENTIALS OF SPEAKING AND LISTENING/SPEECH**(Elective- grades 11-12)*

Reading: 4
 Writing: 4
 Homework: 4

**Prerequisites:**

- Be at least 16 years old.
- Pass the ACCUPLACER exam.
- Juniors must be in the top 1/3 of their class and Seniors the top 1/2 of their class.
- Have a minimum high school GPA of 3.0.

This course teaches the use of verbal and nonverbal communication along with an emphasis on research skills in order to organize and deliver four effective oral presentations: impromptu, informative, persuasive, and a group presentation. Additional emphasis is placed on identifying and overcoming listening barriers.

FAMILY AND CONSUMER SCIENCE (FACS)**500. INTRO FACS 9 (Trimester - .33 Credit)***(REQUIRED – Grade 9)*

Reading: 1
 Writing: 2
 Homework: 1

This introductory course is designed for students to explore various areas of Family and Consumer Science. Topics may include foods, child development, interior design, sewing, personal finance and career exploration. Students will cover the same general topics that were covered in Explore FACS 7, but with more advanced lessons, units and projects.

501. FOODS I (Semester)**(Elective—grades 10 to 12)**

Reading: 1
Writing: 2
Homework: 1

PREREQUISITE: INTRO FACS 9

This course is designed to teach cooking skills that will be used throughout life. Students will also learn about the importance of nutritional health through food selection and preparation methods. Current food-related topics such as consumerism, safety and sanitation and the scientific principles of food preparation will also be discussed. This course provides weekly lab opportunities to learn cooking skills in a team atmosphere.

502. FOODS II (Semester)**(Elective—grades 10 to 12)**

Reading: 1
Writing: 2
Homework: 1

PREREQUISITE: FOODS I

This course is designed to give students the opportunity to build on previous skills learned in Foods I. Students will explore advanced techniques for preparing foods, special dietary needs of individuals as well as regional and ethnic foods. They will also learn about the vast number of careers available in the food industry through cooking labs, presentations and demonstrations. Students will be involved in weekly cooking labs to enhance their cooking skills.

505. INTERIOR DESIGN I (Semester)**(Elective—grades 10 to 12)**

Reading: 1
Writing: 2
Homework: 2

PREREQUISITE: INTRO FACS 9

This course will include a study of housing options, designs, architecture and careers in housing and interior design. Students will plan and design living spaces while considering space, budget and lifestyle. Students will investigate housing options and complete projects to plan living spaces using the principles and elements of design. They will also have the opportunity to design and complete design scenarios. This is a great class for students interested in learning about careers related to architecture, interior design, real estate, or home construction. Guest speakers will be invited to share information on careers in housing and interior design.

503. FASHION DESIGN I (Semester)**(Elective—grades 10 to 12)**

Reading: 1
Writing: 1
Homework: 1

PREREQUISITE: INTRO FACS 9

This course will include a study of fashion design and sewing fundamentals. Students will have the opportunity to design, create and market their own clothing and accessory line. They will also have the opportunity to complete various sewing projects. This class will give students basic sewing knowledge that will be helpful in careers such as fashion, interior design, speech and theater, elementary education, early childhood and art. Students will have the opportunity to purchase materials and supplies for their sewing projects.

506. INTERIOR DESIGN II (Semester)**(Elective—grades 10 to 12)**

Reading: 1
Writing: 2
Homework: 2

PREREQUISITE: INTERIOR DESIGN I

This course will build on skills and concepts learned in Interior Design I. Students will plan and design spaces while considering furnishings and decorations appropriate for the space, budget and lifestyle. Students will demonstrate knowledge of principles and elements of design by creating a display board with samples for a room in a clients' house and a design portfolio of their projects. A 3-D home will be designed and constructed. This course is designed for students who are interested in interior design careers.

507. CHILD DEVELOPMENT I (Semester 1)**(Elective—grades 10 to 12)**

Reading: 2
Writing: 2
Homework: 2

PREREQUISITE: INTRO FACS 9

This course is an in-depth study of the growth and development of a child from conception to school age, emphasizing the needs of the child and the responsibilities of the caregiver. Students will learn how a child grows and develops physically, socially and intellectually. They will have the opportunity to take a Real Care Baby home for the weekend to develop a better understanding of parenting responsibilities. They will also learn about various careers associated with young children, such as early childhood education, elementary education, or nursing.

508. CHILD DEVELOPMENT II (Semester II)*(Elective—grades 10 to 12)*

Reading: 1
 Writing: 2
 Homework: 1

PREREQUISITE: CHILD DEVELOPMENT I

This course will focus on utilizing concepts learned in Child Development I to learn about theme development, lesson planning and guidance techniques for preschool aged children in an educational setting. After planning various lessons including activities, students will be able to organize, plan and teach in a preschool/daycare setting. This is a great class for students interested in careers associated with young children.

510. INNOVATIVE FOODS (Semester)*(Elective—grades 11 and 12)*

Reading: 1
 Writing: 2
 Homework: 1

PREREQUISITE: FOODS I AND II

This course is designed to show students how to develop new food products and unique recipes, building on previous skills learned in Foods I and II. They will work in groups to create numerous recipes from different categories and develop a complete menu of their work. They will work collaboratively to prepare, package, market and sell their own new food products. Students will also prepare taste test evaluations for taste panel participants to complete. Students will be involved in weekly cooking labs to enhance their cooking skills.

511. COLL. INTRO TO GROWTH AND DEVELOPMENT (Semester)*(Elective—grades 11-12)*

Reading: 2
 Writing: 2
 Homework: 3

PREREQUISITE:

- Be at least 16 years old.
- Juniors must be in the top 1/3 of their class or have a math ACT of 24 or a PLAN score of 19.
- Seniors must be in the top 1/2 of their class or a math ACT of 21 or a PLAN score of 17.
- Have a minimum high school GPA of 3.0.

This is an introductory study of child growth and development from conception through adolescence with a concentration on the physical, cognitive, and social-emotional domains of development. Emphasis areas of the course include: historical foundations and theories associated with the study of child development, the research process, the implications of teaching and learning, student diversity and pertinent topics associated with the possible effect of environment and behavior on prenatal development through adolescence.

913. COLL. INTRO TO EDUCATION (Semester)*(Elective- grades 11-12)*

Reading: 2
 Writing: 2
 Homework: 3

PREREQUISITE:

- Be at least 16 years old.
- Juniors must be in the top 1/3 of their class or have a math ACT of 24 or a PLAN score of 19.
- Seniors must be in the top 1/2 of their class or a math ACT of 21 or a PLAN score of 17.
- Have a minimum high school GPA of 3.0.

This course offers students an opportunity to explore teaching as a personal career goal. This class emphasizes the importance of multiculturalism, diversity, and the sociocultural/political realities of public schooling and teaching. Students will volunteer in classrooms in a service-learning capacity, attend class, make presentations, write reflective papers, participate in discussions, and engage in small group learning activities.

HEALTH AND PHYSICAL EDUCATION**401. HEALTH 10 (Semester)***(REQUIRED—GRADE 10)*

Reading: 2
 Writing: 2
 Homework: 2

Health class will focus on individual lifestyle choices and behaviors, decision-making, refusal skills and responsibilities. During the course of study students will gather information and evaluate their individual lifestyle behaviors and choices in the areas of personal safety and prevention, alcohol, tobacco, drugs, and AIDS, sexuality-relationships, dating, abstinence, birth control, STD's, consumer

health, and individual/community health.

402. TEAM SPORTS – Fall (Semester I)

(Elective—grades 9 to 12)

Reading: 1
Writing: 1
Homework: 1

This section will concentrate on team and individual sports participation. Team sports included in this class are Flag Football, Soccer, Volleyball, Floor Hockey and La Crosse.

406. TEAM SPORTS – Spring (Semester II)

(Elective—grades 9 to 12)

Reading: 1
Writing: 1
Homework: 1

This section will concentrate on team and individual sports participation. Team sports included in this class are Basketball, Speedball, Team Handball, Softball and Ultimate Frisbee. There is also a fitness component that all students will be working on. Team play and sportsmanship will be emphasized. All students will be required to dress.

404. WEIGHTS & RECREATION (Semester)

(Elective—grades 9 to 12)

Reading: 1
Writing: 1
Homework: 1

This class will concentrate on each student's personal fitness and recreation activities. Each student will design his/her own fitness program including weight training and cardiovascular activities. Students will also participate in group recreational activities.

403. ADVANCED HEALTH OCCUPATIONS (Semester)

(Elective—grades 10 to 12)

Reading: 2
Writing: 2 \$10 Lab Fee
Homework: 2

Students will explore current health issues and topics, as well as, health-related careers. This class will include reading, research, class discussion, guest speakers, and field trips to health-related work places. Students interested in any aspect of the health field are urged to take this class. Student will also learn basic athletic training principles, such as taping and wrapping.

405. INDIVIDUAL FITNESS/ SPORTS (Semester)

(Elective—grade 9 to 12)

Reading: 1
Writing: 1
Homework: 1

This course will concentrate on the components of individual lifelong sports knowledge and development, as well as to develop a student's ability to develop and maintain a health physical fitness level later in life. Individual sports included in this class are Golf, Badminton, Ping Pong, Bowling, Pickle Ball, Track/Field, Orienteering, Roller Blading/Biking and Fitness.

400. INTRO TO PHYSICAL EDUCATION (Semester)

(Elective—grades 9)

Reading: 1
Writing: 1
Homework: 1

Students will participate in a variety of activities that promote life-long fitness and general well-being. This class is designed to help students incorporated health-related fitness concepts and training principles into group activities and individual fitness plans. Since this is an activity class, participation is mandatory.

407. SHAPE-UP FITNESS (Semester)

(Elective—grades 10 to 12)

Reading: 2
Writing: 2
Homework: 2

This class will concentrate on each student's personal fitness. Students will expand their knowledge of concepts in physical fitness, training principals, and nutrition. Students will self-assess current levels of fitness, set individual goals, develop a fitness plan, and evaluate progress. Activities include weight training, Yoga, Pilates, Tae-bo, power walking, muscle toning, and cardio training.

INDUSTRIAL TECHNOLOGY

451. INTRO TO INDUSTRIAL TECHNOLOGY 9 (Trimester-.33 Credit) (REQUIRED-GRADE 9)

Reading: 1
Writing: 1
Homework: 1
\$5 FEE REQUIRED FOR TAKE HOME PROJECTS

The students will learn basic mechanical drafting techniques. The Solidworks software program will be used to create 3D shapes for 3D printing and creating plans for machine tool construction. All of the woodworking machines will be used to create a functional wood project. A community service project is also required.

463. WOODWORKING I (Semester I)

(Elective—grades 10 to 12)

Reading: 1
Writing: 1
Homework: 1
FEES REQUIRED FOR TAKE HOME PROJECTS

PREREQUISITE: IT 9

This class will allow the student to experience all of the hand, power, and stationary tools to complete various assigned woodworking projects from the simple to the moderately complex. The basic understanding of wood properties and types of wood will also be covered. The school district and donations from outside sources will cover the cost of materials for a majority of the required projects unless the student wishes to purchase the project to take home. The material costs will be calculated by the student and instructor. A plan of procedure will also be completed before construction. Material will be available from the school or the student may bring their own for projects they wish to take home. Students will be required to complete a project for a community service requirement for the class. Students will: identify and demonstrate the safe use of the basic woodworking tools, machines, joinery and materials; design and create a working drawing of a small functional woodworking project that will incorporate a majority of the woodworking machines and demonstrate the ability to make linear measurements; list the materials and calculate the cost of the project; create a plan of procedure listing the steps involved in the construction of the project; demonstrate proper personal safety practices while working in the lab environment.

464. WOODWORKING II (Semester II)

(Elective—grades 10 to 12)

Reading: 1
Writing: 1
Homework: 1
FEES REQUIRED FOR TAKE HOME PROJECTS

PREREQUISITE: WOODWORKING I

This class will allow the student time to build a woodworking project of their choice. A review of the safe use of power machines, hand tools, processes and materials used in a woodworking shop will be required. A design, list of materials, and plan of procedure will also be completed before construction. The cost of materials for the project will be the responsibility of the student. Materials can be purchased through the school, through an outside source or brought from home. A community service requirement is also included in this class which may be working on projects such as set building for the all school play or project work for someone other than the student. Students will: Identify and demonstrate the safe use of the woodworking machines, tools, joinery and materials required; Design a functional woodworking project; List the materials and calculate the cost of the project; Create a plan of procedure listing the steps involved in construction of the project; Demonstrate proper personal safety practices while working in the shop environment; Calculate the hours and the cost of the labor requirements after completion of the project including overhead costs

465. CARPENTRY (Semester)

(Elective—grades 11 to 12)

Reading: 1
Writing: 1
Homework: 1
FEES REQUIRED FOR TAKE HOME PROJECTS

PREREQUISITE: WOODWORKING I, II

The study of tools, material, and techniques will lead into a class activity of construction of a wood frame building, such as a garage or storage shed. Interpreting building plans and understanding the building process will be emphasized. Various trade exploration activities will also be presented in the areas of household electrical wiring, brick laying, plumbing, heating, insulation, fire stopping, painting, siding, windows, doors and sheet rocking.

453. ROBOTICS (Semester I)

(Elective—grades 10 to 12)

Reading: 1
Writing: 1
Homework: 1

The class consists of various experiences in design (2D & 3D modeling), mechanical engineering, and electrical engineering. Students will experience the basics in each type of engineering through Labview programming and Solidworks design. Students will also create a functional engineered project of choice. This class also overlaps the Robotics team season by two weeks. Should the student decide to join the team they will have this time to begin work on the new challenge.

454. CAD I (Semester)*(Elective—grades 10 to 12)*

Reading: 1
 Writing: 1
 Homework: 1

This course would be valuable to anyone pursuing a career in engineering, electricity-electronics, cabinet making, carpentry, metalworking, drafting, transportation, landscape architecture, interior design, or any related occupation.

Students will experience mechanical drafting to help visualize the views of orthographic and isometric drawings along with learning the alphabet of lines. Students will be instructed in the use of the Solidworks software program for computer assisted drafting. Upon mastering the skills in Solidworks students should have the ability to communicate visually the objects that are produced for consumer use. A design is required for 3D printing. Students will create a moderate residential house plan and two elevations.

455. CAD II (Semester)*(Elective—grades 10 to 12)*

Reading: 1
 Writing: 1
 Homework: 1

PREREQUISITE: CAD I

This course will allow you to become proficient in the use of the computer as a drafting tool. We will review the basic commands from CAD I and progress to advanced procedures. There will be an emphasis on identifying the appropriate views of objects and proper ways of representing them. More time will be spent on larger more detailed drawings such as those used in the construction of houses, machine parts, new products, electrical schematics etc.

456. EXPLORE INDUSTRIAL TECHNOLOGY EDUCATION (Semester)*(Elective-grades 10 to 12)*

Reading: 1
 Writing: 1
 Homework: 1

PREREQUISITE-NO PREVIOUS ELECTIVE TECH ED CLASSES

This class will offer the *Non-Traditional Tech Ed Student*, or someone not entering the work force as a tradesman, the opportunity to experience the basics of a variety of hands-on applications. This class would be helpful in the applications of math and engineering skills. Approximately three weeks will be spent on each of the basic area used in the industry today. Those include: Drafting/Design and the use of 2D and 3D design programs, CNC production using the lathe, router, mill and tool room mill, machine woodworking and composite applications, metal fabrication such as welding, sheet metal and machining operation, electricity systems such as those used in the household wiring and circuit board construction, mechanical systems and maintenance such as those used in the small engines and automobiles.

MATHEMATICS

Math tracks actually begin in the students' 7th Grade year due to increased standards from the State of Minnesota including the idea that all students need two years of HS Algebra. Algebra I is now considered to be a pre-HS course and offered in 8th Grade. Students registering for the first time at the high school level will have a conference with the 8th grade math teacher during registration time. Together a decision about which track to begin in 9th grade will be made based on grade and ability performance in the student's 8th grade math course, as well as MCA test scores. Some ninth grade students may be placed in Algebra I to solidify the skills they began working on in 8th grade.

Grade	Courses				
8 th Grade	Algebra I				
9 th Grade	Algebra/Geometry		Algebra I		Geometry
10 th Grade	Applied Algebra I		Algebra I	Geometry	
11 th Grade	Applied Algebra II	Geometry		Algebra II	Prob/Stats (Sem I)
12 th Grade	Prob/Stats (Sem I)		Pre-Calculus		College Algebra (Sem II)

270. ALGEBRA/GEOMETRY A (Semester I)*(Elective—grade 9)***271. ALGEBRA/GEOMETRY B (Semester II)***(Elective—grade 9)*

Reading: 1
 Writing: 1
 Homework: 2

This course will meet the needs of those students who require a more rudimentary approach to Algebra and Geometry. These students begin Algebra I in 8th Grade and master that content during the 9th Grade year. Students coming out of this course proceed to Applied Algebra I, Geometry or Algebra II depending upon their level of mastery. The Algebra aspect of the course includes operations on

rational numbers, solutions of linear equations, operations on polynomials and factoring to solve simple quadratic equations as well as familiar geometry concepts like constructions and experiments. It is a stimulating approach for students who have demonstrated a need for a simplified approach to geometry. Topics include lines, angles, triangles, polygons, circles, perimeter, area, volume, Pythagorean Theorem and an introduction to the coordinate plane.

269. ALGEBRA I A (Semester I)

(Elective—grades 9 to 12)

268. ALGEBRA I B (Semester II)

Reading: 1

Writing: 1

Homework: 3

This course will include solving linear and quadratic equations, solving of linear inequalities, basic operations on polynomials, factoring linear and quadratic polynomials, and fractional equations, solving systems of equations in two variables, and working with radicals.

256. GEOMETRY A (Semester I)

257. GEOMETRY B (Semester II)

(Elective—grades 9 to 12)

Reading: 2

Writing: 1

Homework: 3

PREREQUISITE: B- OR BETTER IN ALGEBRA I OR ALGEBRA/GEOMETRY OR INSTRUCTORS APPROVAL.

This course is a must for students planning on attending college and most technical schools. It covers the following topics: formal deductive proofs, lines, angles, triangle congruency, similarity, the Pythagorean Theorem, basic trigonometry, measurement of angles, arcs and circles, construction techniques, coordinate geometry, area and volume.

252. APPLIED ALGEBRA I A (Semester I)

(Elective—grades 10 to 12)

253. APPLIED ALGEBRA I B (Semester II)

(Elective—grades 10 to 12)

Reading: 1

Writing: 1

Homework: 2

This course is in the math track for students planning on attending a two-year college or technical school. Applied Algebra I teaches algebra and geometry concepts in the context of occupational settings. It acknowledges the diversity of learning styles in today's classroom and supports all learners. Along with the teaching of algebra and geometry this course will include a strong review of basic math concepts. This course covers the standards involved with passing the MCAII graduation test.

258. ALGEBRA II A (Semester I)

(Elective—grades 10 to 12)

259. ALGEBRA II B (Semester II)

(Elective—grades 10 to 12)

Reading: 2

Writing: 1

Homework: 4

PREREQUISITE: B- OR BETTER IN GEOMETRY; INSTRUCTOR'S APPROVAL

This course will include the following topics: basic operation in algebra, solving equations in one variable, problem solving with inequalities, linear equations and functions, product and factors of polynomials, rational expressions, irrational and complex numbers, quadratic equations and functions, analytic geometry and exponential and logarithmic functions.

254. APPLIED ALGEBRA II A (Semester I)

(Elective—grades 11 & 12)

255. APPLIED ALGEBRA II B (Semester II)

(Elective—grades 11 & 12)

Reading: 2

Writing: 1

Homework: 2

This course is in the math track for students planning on attending a two-year college or technical school. Applied Alg II continues the study of basic algebra and geometry concepts in the context of occupational settings. It acknowledges the diversity of learning styles in today's classroom and supports all learners. This course puts additional emphasis on challenging concepts such as probability, statistics, trigonometry, and quality control. This course covers the standards involved with passing the MCAII graduation test.

260. PRE-CALCULUS A* (Semester I)

(Elective—grades 11 & 12)

261. PRE-CALCULUS B*(Semester II)

(Elective—grades 11 & 12)

Reading: 2

Writing: 1

Homework: 4

PREREQUISITE: B- OR BETTER IN ALGEBRA II OR INSTRUCTOR APPROVAL

Students will learn and be able to define the six trigonometric functions and then use in applications along with the study of analytic trigonometry. The students will learn about sequences and series and use them to gain an understanding of limits. Students will learn about functions and other relations, including polynomials, rational functions, conic sections, exponential and logarithmic functions and will be able to graph them using transformations. Students will study counting and probability theory. Students must have a graphing calculator. The course is strongly recommended for those students going on to a 4-year college. Enrollment in Precalculus will include the possibility of receiving a voucher for CLEP testing. The CLEP exam is geared to students who have mastered content for a yearlong, college Precalculus course. To receive a CLEP voucher, students will need to consult the Precalculus teacher.

266. PROBABILITY & STATISTICS (Semester)

(Elective—grades 11 to 12)

Reading: 2
 Writing: 1
 Homework: 2

This course will cover all of the state required standards for probability and statistics. This class will have many activities and projects to allow students to apply knowledge learned in the class.

805. COLLEGE ALGEBRA* (Semester)

(Elective—grades 11 & 12)

Reading: 2
 Writing: 1
 Homework: 4



PREREQUISITE:

- Be at least 16 years old.
- Juniors must be in the top 1/3 of their class or have a math ACT of 24 or a PLAN score of 19.
- Seniors must be in the top 1/2 of their class or a math ACT of 21 or a PLAN score of 17.
- Have a minimum high school GPA of 3.0.
- Completed Algebra in HS.

Algebraic skill-building for students anticipating further courses in mathematics or areas using mathematics. Covers polynomials, roots and powers, lines and solving linear inequalities, and linear, quadratic, and rational equations. This course will prepare you for most college-level algebra requirements for non-science, math, or engineering majors. College credit may be available through Southwest State University-Marshall.

MUSIC

553. SYMPHONIC BAND A (Semester I)

(Elective—grades 9 to 12)

552. SYMPHONIC BAND B (Semester II)

(Elective—grades 9 to 12)

Reading: 1
 Writing: 1
 Homework: 1

PREREQUISITE: PREVIOUS PARTICIPATION IN BAND

Symphonic Band is a yearlong course and will be comprised of 9th through 12th grade instrumental musicians. The band will advance their training from that of the 7/8 grade middle school band. Their degree of performance on scales, sight reading and prepared selections will determine chair placement. Members of the Symphonic Band will perform for at least two concerts, pep band events, Memorial Day festivities, graduation, large group music contest, and any other performances that may be scheduled. Attendance is required. Lessons are also provided during the school day. Students are also strongly encouraged to participate in the solo/ensemble contest.

567. KNIGHTS ENSEMBLE A (Semester I)

(Elective—grades 9 to 12)

568. KNIGHTS ENSEMBLE B (Semester II)

(Elective—grades 9 to 12)

Reading: 1
 Writing: 1
 Homework: 1

Knights Ensemble is open to any high school soprano or alto with an interest in singing. This course will focus on developing fundamental technique and musicianship to prepare students for the top ensemble. Work on chromatic fluency, rhythmic competency, good tone production, sight reading, and musicianship will be essential elements of instruction. Knights Ensemble will perform for at least two concerts during the school year. Small group voice lessons are provided during the school day.

554. CHORALE A (Semester I)*(Elective—grades 10 to 12)***555. CHORALE B (Semester II)***(Elective—grades 10 to 12)*

Reading: 1

Writing: 1

Homework: 1

Chorale is a 1-credit, year-long class that consists of 10th through 12th grade students and 9th grade tenors and basses who have a desire to further their abilities in choral singing. The focus of this ensemble is on the high quality performance of music from a variety of sources ranging from the 15th to the 21st Centuries. Placement in this ensemble is contingent upon an individual audition consisting of a brief sight-reading exam, pitch recall and overall vocal production. Chorale will perform for at least two concerts, graduation, large group music contest, and other performances during the school year. Small group voice lessons are provided during the school day. Students are strongly encouraged to participate in the solo/ensemble contest.

560. INTRODUCTION TO MUSIC (Semester)*(Elective—all grades)*

Reading: 2

Writing: 2

Homework: 3

This course is a basic overview of the fundamentals of music. Topics covered will include music notation, ear training, basic music theory and history. Students will cover the fundamentals of composition through a study of previously written works, and will use a combination of in-class and online activities.

561. MUSIC THEORY (Semester)*(Elective—grades 10 to 12)*

Reading: 2

Writing: 2

Homework: 3

PREREQUISITE: COMPLETION OF INTRO TO MUSIC OR INSTRUCTOR APPROVAL

This course is an advanced study of the analysis and interpretation of musical compositions. Students will compose music using Ternary, Sonata Allegro and Rondo forms, culminating with a performance of their music at the end of the semester. This class is for the student who is thinking about studying music at a collegiate level.

SCIENCE**368. PHYSICS 9 A (Semester I)***(REQUIRED—GRADE 9)***369. PHYSICS 9 B (Semester II)***(REQUIRED—GRADE 9)*

Reading: 2

Writing: 2

Homework: 3

A practical study of the application of physical laws and processes. Laboratory experience is emphasized. Topics to be investigated are forces, motion, work, energy, waves, sound, light, heat, electricity, and magnetism. There will also be discussions of the nature of science and engineering. This course provides a background in areas of physical science not dealt with in Life Science and Earth Science courses. This course meets the statewide requirement for students who are members of the graduating class of 2015 and beyond that must successfully complete one credit of physics in addition to biology as part of the three-credit science requirement.

354. BIOLOGY A (Semester I)*(REQUIRED—GRADE 10)***355. BIOLOGY B (Semester II)***(REQUIRED—GRADE 10)*

Reading: 3

Writing: 2

Homework: 3

Biology is a full-year course in which the following areas of study are covered: care and use of microscopes, structure and function of cells, genetics, evolution, and classification of living things. This is a lab course, which will include dissections of several members of the animal kingdom.

374. EXERCISE SCIENCE A (Semester I)*(Elective—grades 11 & 12)***375. EXERCISE SCIENCE B (Semester II)***(Elective—grades 11 & 12)*

Reading: 2

Writing: 2

Homework: 2

PRE-REQUISITE: B OR BETTER IN BIOLOGY; MUST HAVE INSTRUCTOR'S APPROVAL TO TAKE COURSE

The emphasis of exercise science is designed to give students a scientific understanding of the body's response to exercise and the ability to analyze the efficiency of human movement. This class will concentrate on each student's personal assessment and wellness prescription. Students will expand their knowledge of concepts in biomechanics, cardiovascular fitness, weight resistance training, and

nutrition. Students will self-assess current levels of fitness, set individual goals, develop a wellness prescription plan, and evaluate their progress. Activities could include weight training, power walking, muscle toning, and cardiovascular training. Personal sport emphasis can be addressed. The K-W fitness room will serve as the classroom.

356. CHEMISTRY A* (Semester I)

(Elective—grades 11 & 12)

357. CHEMISTRY B* (Semester II)

(Elective—grades 11 & 12)

Reading: 4

Writing: 3

Homework: 4

RECOMMENDATION: B OR BETTER IN BIOLOGY

Chemistry is a study of the structure of matter and the chemical properties of the elements and common compounds. These topics will include atomic structure, bonding, writing of formulas and chemical equations, composition of compounds, solutions and an introduction to organic compounds. Laboratory activities are utilized whenever possible. This course is designed to prepare students to meet college entrance requirements. It is for students planning to enter areas requiring math or science such as medicine, engineering, technology, or where a credit in high school chemistry is required.

360. HUMAN ANATOMY/PHYSIOLOGY * (Semester I)

(Elective—grades 11 & 12)

Reading: 4

Writing: 3

Homework: 4

PREREQUISITE: BIOLOGY

This class will be an advanced study of the human body with an emphasis on anatomy. **Students will be asked to purchase an anatomy coloring book and colored pencils.** This class will feature a detailed mammal dissection with a lab practical. This is a lab course and is strongly recommended to anyone interested in the life sciences, especially medical areas, at the college level.

361. BIOTECHNOLOGY * (Semester II)

(Elective—grades 11 & 12)

Reading: 4

Writing: 3

Homework: 4

PREREQUISITE: B OR BETTER IN BIOLOGY

Students will investigate the field of biotechnology as it applies to food animal and plant science. Ethical issues, recombinant DNA, genetic engineering, impacts of biotechnology, microbial biotechnology and immunology will be units studied. This is a lab course and is strongly recommended to anyone interested in the life sciences at the college level.

364. EARTH & SPACE SCIENCE A (Semester I)

(Elective—grades 11 & 12)

365. EARTH & SPACE SCIENCE B (Semester II)

(Elective—grades 11 & 12)

Reading: 3

Writing: 3

Homework: 3

A practical study of the universe, including the earth, the solar system, and beyond. Projects and online work done by the student are emphasized. Topics to be investigated are scientific method and measurement, basic chemistry, map reading, earth motions and seasons, earthquakes and plate tectonics, volcanoes, the planets, methods of space exploration, stars, and galaxies This course provides a continuation of science dealt with in Life Science and Earth Science courses. Some night-time observations will be required.

366. AP ENVIRONMENTAL SCIENCE A* (Semester I - .75 credits)

(Elective—grades 11 & 12)

367. AP ENVIRONMENTAL SCIENCE B* (Semester II - .75Credits)

(Elective—grades 11 & 12)

Reading: 4

Writing: 3

Homework: 4

PREREQUISITE: A OR B IN BIOLOGY, INSTRUCTOR'S APPROVAL, CANNOT HAVE PREVIOUSLY TAKEN ECOLOGY

The Advanced Placement Environmental Science is an interdisciplinary course designed to provide students with scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. This course will culminate in the AP Environmental Science Exam; students will be given practice questions that will mirror the intensity of the exam. Be aware that this course is the equivalent of an introductory, semester-long, Environmental Science college course; it will be challenging. **Students will be asked to purchase an AP workbook.**

372. COLL. INTRODUCTORY PHYSICS A* (Semester I)

(Elective- grades 11 & 12)

373. COLL. INTRODUCTORY PHYSICS B* (Semester II)

Reading: 4

Writing: 4

Homework: 4

Prerequisite:

- Be at least 16 years old.
- Pass the ACCUPLACER exam.
- Juniors must be in the top 1/3 of their class and Seniors the top 1/2 of their class.
- Have a minimum high school GPA of 3.0.

A descriptive and experiential exploration of physics. Topics will be drawn from mechanics, waves, fluids, sound, heat, light, electricity, magnetism, and modern physics. The required preparation for this course is two years of high school mathematics or MATH 060.



SKILL DEVELOPMENT

700. FOCUS A (Semester I)

(grades 9 to 12)

710. FOCUS B (Semester II)

(grades 9 to 12)

Registration for this class is based on student's individual goals and objectives. Research based strategies are used to assist students in meeting their goals. Study strategies are also taught and practiced daily. Transition work and activities will be completed to assist students in preparing for their life after high school. Lessons in this class will also be reinforced through advisory activities. Registration in this class is based on individual student need.

704. READ & WRITE 9 A (Semester I)

705. READ & WRITE 9B (Semester II)

This class reviews the basic skills needed in order to read for understanding and enjoyment. Students read from texts at appropriate reading levels. Writing skills are also developed through journal, topic writing, and using the word processor. Registration in this class is based on individual student need.

702. WRITING & LITERATURE 10 A (Semester I)

703. WRITING & LITERATURE 10 B (Semester II)

Basic skills in reading and writing continue to be developed. The literature textbook for the sophomore class is used throughout the year. Reading comprehension and writing activities are taken from real life situations. Transition topics are also covered during the fourth quarter. Registration in this class is based on individual student need.

716. WRITING & LITERATURE II (Semester I)

717. WRITING & LITERATURE II (Semester II)

During the first semester students will complete two books of an appropriate reading level. Vocabulary and writing activities will also be completed each semester. In the second semester well-known authors will be featured and their works read. All reading will be at an appropriate reading level for the student's needs. Registration in this class is based on individual student need.

706. EXPERIENTIAL ENGLISH 12 A (Semester I)

707. EXPERIENTIAL ENGLISH 12 B (Semester II)

This class is designed to help students prepare for life after high school. In the course the students will have an opportunity to make a thorough study of the 5-transition areas, review financial skills, and examine options for after high school. Registration in this class is based on individual student need.

714. PRACTICAL MATH 9 A (Semester I)

715. PRACTICAL MATH 9 B (Semester II)

This course concentrates on those math skills, which are necessary for daily living. A total review is done of all math operations and concepts that have been introduced to students in their first 8 years of school. Areas of study will include: whole numbers, decimals and metric system, fractions and probability, ration, percents, and statistics, some beginning algebra and geometry. The objective of the course is to sharpen and reinforce those math skills that have already been acquired and to be able to apply those skills to problems that will come up in daily living. Registration in this class is based on individual student need.

708. MATH CONCEPTS I A (Semester I)

(grades 10-12)

709. MATH CONCEPTS I B (Semester II)

(grades 10-12)

710. MATH CONCEPTS II A (Semester I) (grades 10-12)

711. MATH CONCEPTS II B (Semester II) (grades 10-12)

712. MATH CONCEPTS III A (Semester I)

713. MATH CONCEPTS III B (Semester II)

The Math Concepts course rotation is based on individual student need, starting with Math Concepts I and advancing to Math Concepts III. Throughout the course sequence, students will use technology such as Study Island, Accelerated Math, and STAR testing. Math comprehension is reviewed daily, and progress will be monitored by individual lesson scores. Topics range from practice math skills to geometry, pre-algebra, banking math.

723. FOUNDATIONS (Semester) (Elective—grades 10 to 12)

This class is to provide a strong foundation for students as they transition through their high school years and into their plans after high school. Inventories will be taken for interests, skills, and abilities in various areas. Inventories will be taken for interests, skills, and abilities in various areas. Students will also work through job skills and post-secondary applications. Visits to schools will take place through the class as well as by the student on their own. Job shadowing, career interviews and research will also take place.

701. WORK-BASED LEARNING (Semester) (Elective—grades 11 & 12)

PREREQUISITE: FOUNDATIONS FOR WORK EXPERIENCE OR FOUNDATIONS RECAP

Students can earn 3 credits toward the required minimum number of credits to graduate. Additional credits can be earned if graduation requirements have been met. The IEP team will determine how the credits will be distributed.

679. ENGLISH AS A SECOND LANGUAGE (E.S.L.) 10 A (grades 10)

680. ENGLISH AS A SECOND LANGUAGE (E.S.L.) 10 B (grades 10)

681. ENGLISH AS A SECOND LANGUAGE (E.S.L.) 12 A (grades 12)

682. ENGLISH AS A SECOND LANGUAGE (E.S.L.) 12 B (grades 12)

683. ENGLISH AS A SECOND LANGUAGE (E.S.L.) 11 A (grades 11)

684. ENGLISH AS A SECOND LANGUAGE (E.S.L.) 11 B (grades 11)

685. ENGLISH AS A SECOND LANGUAGE (E.S.L.) 9 A (grades 9)

686. ENGLISH AS A SECOND LANGUAGE (E.S.L.) 9 B (grades 9)

The E.S.L. program is for students whose home language is other than English. Students study English vocabulary as it relates to their other classes. Listening and speaking skills are practiced. Reading comprehension is reviewed daily. Finding the main idea and supporting ideas is the objective in the reading of textbooks, newspapers, and magazines. Writing, grammar, and spelling skills are also covered.

SOCIAL STUDIES

Grade	Course
9 th Grade	American History & Government A & B
10 th Grade	World History & Geography A & B OR AP Human Geography A* & B*
11 th Grade	Economics (sem 1) and American Government (sem 2) OR Honors Macroeconomics* (sem 1) and Honors American Government* (sem 2)
12 th Grade	AP Psychology A* & B* OR <u>Two</u> of the following semester-long Social Studies electives: Psychology, Criminal Justice, Heroes & Villains, Pop Culture, World Politics

600. AMERICAN HISTORY & GOVERNMENT A (Semester I) (REQUIRED—GRADE 9)

601. AMERICAN HISTORY & GOVERNMENT B (Semester II) (REQUIRED—GRADE 9)

Reading: 2

Writing: 2

Homework: 2

This course explores U.S. History from 1871 to now. Students will learn of significant events in U.S. History and apply critical thinking skills that connects past, present and future. Students will use individual perspectives of American government and history to gain meaning in their own lives.

618. WORLD HISTORY AND GEOGRAPHY A (Semester I) (ELECTIVE—grade 10)

619. WORLD HISTORY AND GEOGRAPHY B (Semester II) (ELECTIVE—grade 10)

Reading: 2

Writing: 2

Homework: 2

Advanced geography techniques will be used to learn about the history and cultures of the world throughout time. Connections to current events will be made by relating where and why people have chosen to live and their impact on the landscape and each other. Students will look at patterns across time and space to prepare themselves to make relevant decisions today and in the future.

610. AP HUMAN GEOGRAPHY A* (Semester I - .75 credits) (Elective—grades 10 to 12)

611. AP HUMAN GEOGRAPHY B* (Semester II - .75 credits) (Elective—grades 10 to 12)

Reading: 4

Writing: 3

Homework: 4

PREREQUISITE: TOP 25% OF THEIR CLASS

AP Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use and the earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students learn about methods geographers use in their science and practice.

604. ECONOMICS (Semester I) (Elective—grade 11)

622. AMERICAN GOVERNMENT (Semester II) (Elective—grade 11)

Reading: 3

Writing: 2

Homework: 2

Economics is the study of the production and distribution of goods and services. We will be focusing on the market forces that affect the supply and demand of products and services. Students will read and work with the anti-textbook, *Naked Economics*, by Charles Wheelan. One week is set aside second semester for students to focus on completing a capstone project that is of particular interest to them. American Government is the study of our nation's rich political and governmental heritage.

620. HONORS MACROECONOMICS* (Semester I) (Elective—grade 11)

621. HONORS AMERICAN GOVERNMENT* (Semester II) (Elective—grade 11)

Reading: 4

Writing: 4

Homework: 4

Honors American Government is offered during the Fall to coordinate with the November elections. Honors American Government will focus on: Political Institutions and Policy Processes, the Federal Courts, Political Parties and Interest Groups, Political Beliefs and Behavior, and Constitutional Underpinnings of American Democracy. Honors Macroeconomics is for students to demonstrate a thorough understanding of the principles of economics that apply to an economic system. Such a course places particular emphasis on the study of national income and price-level determination, and develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Application through academic writing is evaluated. STUDENTS SHOULD NOT REGISTER FOR THIS COURSE AND ECONOMICS/AMERICAN GOVERNMENT.

606. CRIMINAL JUSTICE (Semester I) (Elective—grades 11 & 12)

Reading: 1

Writing: 1

Homework: 1

This course will examine the justice system in the United States. Specific issues discussed will include rights of the accused, and the role of judges, lawyers, and juries. Students will take part in a simulation that acts out the parts of various members of our justice system, and students will explore an active courthouse in Minnesota.

607. WORLD POLITICS (Semester) (Elective—grades 10 to 12)

Reading: 2

Writing: 2

Homework: 2

World Politics will focus on the present state of the world and the power structure that exists. We will examine current conflicts in Africa and the Middle East and debate the role of the United States as the most powerful nation in the world. We will spend time examining how the Cold War helped to establish our present power structure, and how economic systems impact the signing of treaties and the formation of alliances. One of the big debates will be the role of the United Nations in world politics.

617. POP CULTURE (Semester)*(Elective—grades 10 to 12)*

Reading: 2
 Writing: 2
 Homework: 2

This course explores important themes in American history through a study of popular music. Many genres of music, television, print media and film will be explored to give students more perspective into recent American History.

608. HEROES AND VILLAINS (Semester)*(Elective—grades 11 & 12)*

Reading: 2
 Writing: 2
 Homework: 2

This course will debate the role of some very influential people in the history of the world. The overall theme will be to determine if the individual should be classified as a hero or a villain. Some of the people discussed in this course include Attila the Hun, Catherine the Great, Susan B. Anthony, Jesse James, and Adolph Hitler.

609. PSYCHOLOGY (Semester)*(Elective—grades 11 & 12)*

Reading: 2
 Writing: 2
 Homework: 2

Psychology is the study of mental processes and behaviors how people think, feel, and act. The study of psychology will provide insight into and understanding of every aspect of your life. Introduction to psychology will focus on both the normal course of human development and the variety of factors, which contribute to our individual differences in personality, intelligence, and character. The course will ask you to apply psychological principles to your own life.

615. AP PSYCHOLOGY A* (Semester I)*(Elective—grades 11 & 12)***616. AP PSYCHOLOGY B* (Semester II)***(Elective—grades 11 & 12)***PREREQUISITES: MUST BE IN THE TOP 50% OF THEIR CLASS, INSTRUCTOR APPROVAL.**

AP Psychology is a course designed to rigorously build upon the foundations of Introductory Psychology. Students who register for this course are expected to have a strong interest in Psychology and be prepared to handle a college-level workload. The course revolves around lecture, in-depth experiments, and research reports. Major units of study include: Learning, Cognition, Intelligence, Human Development, Personality, Abnormal Psychology, and Therapy. Students that are planning a future career or study of Psychology are encouraged to register.

614. SOCIAL PSYCHOLOGY (Semester I)*(Elective---grades 11 & 12)*

Reading: 2
 Writing: 2
 Homework: 2

Have you ever wondered why people either help or ignore others in need? Or how people come to form stereotypes about racial and ethnic groups, and how they can overcome them? Social psychology might be the course for you. Social psychology is a discipline that focuses on how people think, feel, and behave in social situations. This social science draws on two disciplines: psychology, which focuses on the individual; and sociology, which centers on groups. Social psychologists attempt to answer questions about how people perceive, interact, and try to influence each other. In addition, they study how individuals exert influence on groups and how group situations impact the behavior of individuals.

STUDENT SERVICES**907. TUTORING (Semester)***(Elective—grades 11 & 12)*

This pass/fail class involves peer tutoring to review material, study skills, study for tests, organize assignments and projects, stay on task, read, and do assignments. 11th and 12th grade students may be peer tutors. A student may tutor for more than one semester. Must have 3.0 GPA or higher and contract from cooperating teacher & high school counselor.

908. STUDENT AIDE (Semester)*(Elective—grades 11 & 12)*

This pass/fail course provides the opportunity for students to participate in service activities within the school. Students participating in this course will be expected to keep weekly activity logs documenting the projects and tasks they completed each day. Activity logs are turned in to the high school counselor. Course can be repeated. By contract with Teacher/Counselor only.

909. CHROMEBOOK REPAIR TEAM (Semester)*(Elective—grades 9 to 12)*

Reading: 1
 Writing: 1

Homework: 2

Chromebook Repair Team members will collaborate with students and staff to repair devices, manage inventory, and run workshops on effective device use and care. Students are expected to be independent workers and problem-solvers and be able to manage repairs with minimal support. In addition to repairing devices, students will build a strong personal foundation in digital citizenship and prepare resources to share with the school. Students will receive all necessary training, including device hardware, software, customer service, and project management. Familiarity with Apple, PC, Chromebooks, and tablet devices is a benefit, but not a requirement.

WORLD LANGUAGES

650. SPANISH I A (Semester I)

(Elective—all grades)

651. SPANISH I B (Semester II)

(Elective—all grades)

Reading: 1

Writing: 2

Homework: 3

PREREQUISITE: MUST HAVE PASSED ELA & READING 8

Students are introduced to all four language skills; listening, speaking, reading and writing. Development of oral and written proficiency is stressed through the introduction of basic grammar and vocabulary. Cultural activities are included to introduce students to the customs and life-styles of Spanish speaking countries. The study of a foreign language is helpful to learn more about English.

652. SPANISH II A (Semester I)

(Elective—grades 10 to 12)

653. SPANISH II B (Semester II)

(Elective—grades 10 to 12)

Reading: 1

Writing: 2

Homework: 3

PREREQUISITE: SPANISH I

This course begins with a review of basic structures and vocabulary from Book 1. It continues to introduce more vocabulary and grammar and to develop oral and written proficiency. Cultural activities are also included.

654. SPANISH III A* (Semester I)

(Elective—grades 11 & 12)

655. SPANISH III B* (Semester II)

(Elective—grades 11 & 12)

Reading: 2

Writing: 2

Homework: 3

PREREQUISITE: SPANISH I AND II

Third year Spanish reviews the grammatical structures of the first two years while introducing a lot of new vocabulary. A few new verb forms are also introduced. Literature of Mexico and other Spanish speaking countries is presented through short stories and some poetry. Spanish 3 students write their autobiography. Cultural activities are included

656. SPANISH IV A*(Semester I)

(Elective—grade 12)

657. SPANISH IV B*(Semester II)

(Elective—grade 12)

Reading: 2

Writing: 2

Homework: 3

PREREQUISITE: SPANISH I, II, AND III

Spanish IV is review and practice with the structures learned previously. Some grammar review will be included during conversation units. A college text and supplementary units will be used. Speaking activities will increase fluency. Tutoring elementary or Spanish I students may be included in the content of this course. Literature of Spanish speaking countries is also included.

WETC Distance Learning POTENTIAL COURSE OFFERINGS 2022-2023

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AP Psychology

Overview

Distance learning courses are delivered through a combination of interactive video and online learning platforms in order to provide course offerings that a school district would be unable to offer on their own. Students that are taking distance learning courses are often in a different physical location than their teacher and a great deal of initiative, independence, and maturity is required for students to be successful. Discipline and attendance issues will not be tolerated and may result in being dropped from the course at any time. If you are unsure if distance learning is right for you consult your guidance counselor before enrolling.

Business

Accounting I A & B

Host: Goodhue

Duration: 2 Semesters

Grades: 10-12

Format: Hybrid

Prerequisites: None

As a "hybrid" class, the learning environment will combine face-to-face meetings and online learning. Students will meet face-to-face 2-3 days per week, with an occasional scheduled Friday, during 8th hour. In addition, students will be required to work independently in the Moodle Online Course. Students should be comfortable with technology, disciplined/motivated to work individually, and responsible as time managers.

Students will learn the foundational accounting equation and accounting cycle; apply accounting concepts and theory to different types of businesses; explore automated accounting; and gain a better understanding of how to better manage their personal financial affairs. Online working papers will provide students with immediate assessment of their accounting

assignments. In addition, students will have the opportunity to apply what they have learned by completing an accounting simulation packet!

Students may either take the course as a yearlong (1A & 1B) accounting course or enroll in only the first semester (1A) for a brief introduction to accounting.

Multimedia

Host: Goodhue Duration: Semester Grades: 11-12 Format: Hybrid Prerequisites: None

Students will explore many different forms and programs that exist within the world of technology today. This will consist of learning how use Photoshop, photography, video cameras to create personal movies, etc. to broaden their range of technology that is used in our everyday lives.

Personal Finance

Host: Cannon Falls Duration: Semester Grades: 10-12 Format: Hybrid Prerequisites: None

As a "hybrid" class, the learning environment will combine face-to-face meetings and online learning. Students will meet face-to-face 2-3 days each week. In addition, students will be required to work independently in the Moodle Online Course. Students should be comfortable with technology, disciplined/motivated to work individually, and responsible as time managers. This course explores topics such as making wise financial decisions, budgeting, consumer purchasing, banking, personal credit, and individual income tax filing. This course is essential for all students who want to be financially educated as he/she moves past the high school classroom.

The Law and You

Host: Cannon Falls Duration: Semester Grades: 10-12 Format: Hybrid Prerequisites: None

Students will study criminal law, civil actions, juvenile law, and landmark supreme court cases through a variety of activities including project based learning. This course introduces the student to the legal rights of juveniles and adults and the responsibilities that he/she has as a citizen of the United States.

English

AP English Literature and Composition

Host: Duration: Grades: Format: Prerequisites: Students registering for AP English Literature and Composition should have a B or better in their prior Language Arts course or a recommendation from a previous Language Arts teacher. In addition, required summer assignments must be completed by course start date.

This is a challenging, college level English course. The purpose of this course is to provide students with an understanding of semantic, structural, and rhetorical resources of the English language as they relate to the principles of effective writing. This course is intended to challenge and promote: independent, logical and critical thinking; good study skills and academic achievement. Students will receive college-level instruction in studying a variety of literature representing a spectrum of genres including poetry, short story, drama, fiction and non-fiction. Studies will include British and American authors. Analysis of literature and academic writing in response to the various works and genres are emphasized. Literary terms and devices are scrutinized in works. The course prepares students to take the Advanced Placement exam in the spring. A summer assignment must be completed and is due upon the first meeting date. It is recommended that students have an interest in reading academic works of literary merit.

College Prep Writing

Host: Cannon Falls Duration: Semester Grades: 11-12 Format: Traditional Prerequisites: None

This course is a college preparatory class. Students will write in all major genres—expository, persuasive, narrative, etc. Grammar proficiency, practical writing and source crediting are also necessary parts of this class. This class does not offer any opportunity for college credit. **Students will work independently online and meet as a class twice a week. Students must be motivated to continue course work on their own.**

Science Fiction & Fantasy Literature

Host: Cannon Falls Duration: Semester Grades: 11-12 Format: Hybrid Prerequisites: None

This course will focus on the reading of science fiction and fantasy literature, small and large group discussions, tests, quizzes, and projects. Students will learn the history of the genres, will study and compare specific major texts (novels and short stories), and will explore literary devices at work, such as themes, narrative structure, characterization, conflict, etc. Past and current trends, and the role of technology and fantasy elements in everyday life as reflected in the texts, will also be discussed.

Education/Family and Consumer Sciences

College Introduction to Education (CIS Course)

Host: K-W Duration: Semester Grades: 11-12 Format: Hybrid

Prerequisites:

- Be at least 16 years old.
- Pass the ACCUPLACER exam.
- Juniors must be in the top 1/3 of their class and Seniors the top 1/2 of their class.
- Have a minimum high school GPA of 3.0.

This course offers students an opportunity to explore teaching as a personal career goal. This class emphasizes the importance of multiculturalism, diversity, and the sociocultural/political realities of public schooling and teaching. Students will volunteer in classrooms in a service-learning capacity, attend class, make presentations, write reflective papers, participate in discussions, and engage in small group learning activities.

College Introduction to Growth & Development (CIS Course)

Host: K-W Duration: Semester Grades: 11-12 Format: Hybrid

Prerequisites:

- Be at least 16 years old.
- Pass the ACCUPLACER exam.
- Juniors must be in the top 1/3 of their class and Seniors the top 1/2 of their class.
- Have a minimum high school GPA of 3.0.

This course offers students an opportunity to explore teaching as a personal career goal. This class emphasizes the importance of multiculturalism, diversity, and the sociocultural/political realities of public schooling and teaching. Students will volunteer in classrooms in a service-learning capacity, attend class, make presentations, write reflective papers, participate in discussions, and engage in small group learning activities. Observation time required outside of regular class periods.

Foreign Languages

Chinese I

Host: NSO-District 287 Duration: Yearlong Grades: 9-12 Format: Hybrid Prerequisites: None

Chinese Language and Culture I is the beginning course of a four year sequence that will enable the student to speak, read, write, and understand the official Mandarin Chinese language. In addition the course will help the student understand the culture and heritage of approximately one fifth of the world's population. The focus will be on simple vocabulary building, character recognition, and memorization using Chinese songs, games, and the art of calligraphy.

Chinese II

Host: NSO-District 287 Duration: Yearlong Grades: 10-12 Format: Hybrid Prerequisites: Chinese I

This course is structured for the student to continue the study and mastery of the basic skills of speaking, listening, writing, and reading beginning Chinese. As in Chinese I, the course focuses on modern Mandarin Chinese, but some commonly used formal expressions used only in written Chinese are also included. Students will become acquainted with contemporary Chinese life and the contributions of Chinese culture.

Science

Earth & Space Science A & B

Host: K-W Duration: Year-long Grades: 10-12 Format: Traditional Pre-Requisites: None

A practical study of the universe, including the earth, the solar system, and beyond. Projects done by the student are emphasized. Topics to be investigated are scientific method and measurement, basic chemistry, map reading, earth motions and seasons, the planets, methods of space exploration, stars and galaxies. This course provides a continuation of science dealt with in Life Science and Earth Science courses. Some night-time observations will be required.

Social Studies

AP Psychology

Host: K-W Duration: Yearlong Grades: 11-12 Format: Hybrid Prerequisites: Social Psychology or equiv.

AP Psychology is a course designed to rigorously build upon the foundations of Introductory Psychology. Students who register for this course are expected to have a strong interest in Psychology and be prepared to handle a college-level workload. The course revolves around lecture, in-depth experiments, and research reports. Major units of study include: Learning, Cognition, Intelligence, Human Development, Personality, Abnormal Psychology, and Therapy. Students that are planning a future career or study of Psychology are encouraged to register.

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