

Kenyon-Wanamingo



High School

Registration Handbook

2017-2018

Table of Contents

<u>ISD 2172 Graduation Requirements</u>	5
<u>Targeted Requirements</u>	5
<u>Enrollment Specifics</u>	5
<u>Academic Level</u>	6
<u>READING</u>	6
<u>WRITING</u>	6
<u>HOMEWORK</u>	6
4 year plan	7
<u>Definition of Terms</u>	8
<u>Articulation Certificates</u>	8
<u>Advanced Placement (AP)</u>	8
9th/10th Grade EXPLORE Sequence.....	8
<u>ITV (WETC)</u>	8
<u>PSEO</u>	8
<u>College Requirements</u>	8
<u>Policy Considerations</u>	9
<u>Graduation Testing</u>	9
<u>Class Rank</u>	9
<u>Course Changes</u>	9
<u>Early Graduation</u>	9
<u>Repeating a Failed Required Course</u>	10
<u>Repeating a Course to Achieve a Better Grade</u>	10
<u>Repeating/Auditing a Course</u>	10
<u>Weighted Grades</u>	10
<u>Agriculture Education</u>	11
<u>Art/Graphics</u>	14
<u>Business Education</u>	15
<u>Career and College Readiness</u>	157
<u>English</u>	17
<u>Family and Consumer Science (FACS)</u>	19
<u>Health and Physical Education</u>	21
<u>Industrial Technology</u>	22
<u>Mathematics</u>	23
<u>Music</u>	26
<u>Science</u>	27
<u>Skill Development</u>	28
<u>Social Studies</u>	30

[Social Students Honors Humanities Curriculum](#)..... 31

[Student Services](#)..... 32

[World Languages](#)..... 33

[WETC Course Catalog](#)..... 333

ISD 2172 GRADUATION REQUIREMENTS

TARGETED REQUIREMENTS

English	4 credits (including 1 cr. each of English 9 and American Literature)
Social Studies	4 credits (including 1 cr. each of Am.History/Gov't, World History & Geography, Political Science, 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

A credit is the equivalent of the successful completion of an academic year of study or the student mastery of applicable state/local standards.

(Definition of a 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 credits 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.

(Definition of an 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, 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.

Only trimester / semester grades will be recorded on the students' permanent records. A passing grade in a course earns 0.33 credits in a trimester course, .5 credit for a regular semester course, or .75 for most AP semester courses. College equivalent classes (PSEO, St. Olaf Honors Program, and Concurrent classes, for example) earn .25 high school credit per college credit. 21.5 credits must be classroom credits as per State Law (Minnesota Academic Standards).

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 Experience, Independent Study, Advisory or any other pass/fail credit situation.

In the Course Description section of this guide remember to:

Check for prerequisite courses when selecting current courses

Check for articulation certificate courses if considering 2-year college (These are only good for two years.)

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 each course.

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 and 10)

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 Alg/Geo	1 credit	R Geometry or Algebra I or Alg/Geo
R Physics 9	1 credit	R Physics 9
R EXPLORE A – Art Survey / IT 9 / FACS 9	1 credit	R EXPLORE A – 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 American Literature 10	1 credit	R American Literature 10
R Biology	1 credit	R Biology
R Algebra II or Geometry or Applied Alg.I	1 credit	R Algebra II or Geometry or Applied Alg.I
R World Hist/Geography or AP Human Geography	1 credit	R World Hist/Geography or AP Human Geography
R EXPLORE B- Health/Work-Careers/Digital Literacy	1 credit	R EXPLORE B-Health/Work-Careers/Digital Literacy
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 Lang & Comp	1 credit	R English 11 or AP Lang & Comp
R MATH -	1 credit	R MATH -
R Economics OR Honors Economics	1 credit	R Political Science OR Honors American .Gov.
R SCIENCE -	1 credit	R SCIENCE -
R FINE ARTS (During HS)	1 credit	R FINE ARTS (During HS)
11th 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 College Prep or AP Lit & Comp	1 credit	R English 12 or College Prep or AP Lit & Comp
R Social Studies Choice	1 credit	R Social Studies Choice
12th 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.

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. 7

9TH/10TH GRADE EXPLORE SEQUENCE

All students in Grades 9 and 10 are required to experience a Careers Sequence. The six 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 three areas are Health, Work Experience/Careers and Digital Literacy. 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 college and high school credit. Tuition, fees and required textbooks are at no cost to students. For more specific information, please go to <http://education.state.mn.us/MDE/SchSup/SchFin/PostSec/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.

Sophomore specific - In 2012, new legislation (Minn. Stat. § 124D.09), was passed that allows eligible 10th-grade students to enroll initially in one Career and Technical Education (CTE) course. If the student earns a “C” or higher grade in this first course, she/he is eligible to take additional CTE courses while in 10th grade. In order to be eligible, a 10th-grade student must have taken the 8th-grade MCA reading test, and have met the composite proficiency level of “meets or exceeds”. If the student meets this standard, and if they meet specific CTE course eligibility requirements and prerequisites set by the institution, they may be eligible to enroll in Career and Technical Education PSEO courses. This Grade 10 option is only open to Minnesota public school students. [View the MNSCU policy and procedures for PSEO.](#)

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 of the 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 2018:

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, Student Aide).

WEIGHTED GRADES

Following is a chart of weighted classes and their grade point equivalent.

Chemistry	Biotechnology	Most AP Courses	Anatomy/Physiology
Spanish III and IV	Precalculus + above	Adv. Physics	Honors Macroeconomics
Honors American Gov't			

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



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.

KWHS COURSE DESCRIPTIONS 2017-2018

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 2017-18.

AGRICULTURE EDUCATION

101. WORK EXPERIENCE/CAREERS (Trimester- .33 credit)

(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 II)

(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 II)

(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.

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.

106. METAL FABRICATION (Semester II)*(Elective—all grades)*

Reading: 2
 Writing: 1
 Homework: 2

**PREREQUISITE: C OR BETTER IN 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.

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.

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.

109. WORK RECORDS (Pass/Fail, Semester I & II)*(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. The course will focus it's content on skills and competencies identified in the SCANS Report, foundation skills, thinking skills, personal qualities, resources, information, interpersonal skills, systems, and technology. 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.

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.

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.

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.

113. WORK RELEASE (NO credit)**(Elective—grades 11 & 12)**

REGISTRATION FOR WORK EXPERIENCE IS REQUIRED ALONG WITH WORK RELEASE HOURS FOR EACH SEMESTER REQUESTED.

This is a release time period for students to put in the hours for Work Experience. Seniors may register for two periods of Work Release while juniors may register for one period. Students may retain Work Release privileges, with parental permission, as long as they maintain their status as a Work Experience student. This option is not available to online registrants.

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.

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.

117. SMALL ANIMAL PRODUCTION & CARE (Semester)**(Elective—grades 9 to 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.

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. Students may enroll in Summer Agriculture courses only one time for credit. This option is not available to online registrants.

ART/GRAPHICS

Our Art department has two components: one that deals with classroom drawing, painting and sculpting; and the other is dealing with digital representations that have their foundation in the core concepts of art.

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.

151. DRAWING/PAINTING I (Semester)

(Elective—all grades)

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

This course is a basic introduction to drawing and painting it is focused on improving drawing and painting skills. The course will focus on the essentials to create works of art. Students will get a general introduction to a variety of styles in drawing and painting. Drawing and painting are useful skills that anyone can learn to do better. There is a \$20 lab fee suggested to cover a sketchbook and specialized paints for this class. You may purchase these on your own, as well, to participate in this class.

152. DRAWING/PAINTING II (Semester)

(Elective—grades 10 to 12)

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

PREREQUISITE: DRAWING/ PAINTING I

This course is designed to increase awareness about different types of drawing and painting styles and to increase awareness in a variety of different artists and styles. In this class students will build on what they learned in drawing/painting I and explore more advanced strategies and philosophies of art making. For a good portion of the semester we will work as a group on a large scale project for the school building or possibly the community at large. There is a \$20 fee suggested to cover a sketchbook and specialized paints for this class. You may purchase these on your own, as well, to participate in this class.

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.

154. ADVANCED ART (By agreement only)

(Elective—grades 11 & 12)

Reading: 2
Writing: 1
Homework: 2

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

This course is an independent study course for highly motivated students who are interested in the arts. Students will gain resources in developing as an artist and preparing for college and will participate in a one-person art show to display their work. Students may also be responsible for creating a large scale art work as a group. Students wishing to be in the Advanced Art option need to have a course plan approved by the instructor of record PRIOR to enrollment. This option is not available to online registrants.

155. AP STUDIO ART (By agreement only) Semester I

(Elective—grade 12)

156. AP STUDIO ART (By agreement only) Semester II

(Elective—grade 12)

Reading: 2

Writing: 1

Homework: 2

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

This course is an independent study course for highly motivated students who are interested in the arts. Students wishing to be in the AP Studio Art option need to have a course plan approved by Mr. Eggerstedt PRIOR to enrollment. This option is not available to online registrants. There are three potential foci here including two- and three-dimensional design as well as Drawing. Please see the instructor for further details.

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

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. Please see the instructor.

200. DIGITAL LITERACY (Trimester - .33 credit)

(REQUIRED—GRADE 10)

Read: 2

Write: 2

Homework: 2

This trimester course will focus on a variety of topics related to the digital world we not only live in, but work in, learn in, and play in! Students will learn that Web 2.0 is about being users of the internet—a creator, a collaborator, an active participant, instead of just surfing on the Internet, as a passive viewer. Students will learn the proper “netiquette” for Internet use. Students will learn the risks and threats to computer security and privacy so that they can understand and prevent them. Students will learn the benefits and dangers associated with social networking. Students will learn how to be an online learner through course platforms such as Moodle. Students will learn and explore new digital technologies that are shaping the world they live in on the strongly emphasized theme of keeping their friends, family, and themselves safe.

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.

206. MARKETING

(Semester)

(Elective—grades 10 to 12)

Reading: 3

Writing: 2

Homework: 3



This course is designed to study marketing principles and concepts in **the sports and entertainment industry**. Instructional areas will include: An orientation to the sports and entertainment industry, economics, event execution, career opportunities, decision making, event marketing, advertising and promotion, and legal aspects/contracts. The business of entertainment, including movies, concerts, theme parks, and sporting events have a tremendous impact on our economy and provide many career opportunities. These activities are global in their reach and impact. Sports marketing is a growing division of the marketing field that focuses on the business of sports and the use of sports as a marketing tool. This class will provide students with an over-view of the sports and entertainment field from a business and marketing perspective.

213. MARKETING II (Semester)*(Elective—grades 10 to 12)*

Reading: 3
Writing: 4
Homework: 4

PREREQUISITE: MARKETING I

Students will build on the marketing concepts and take a more in-depth look at how the “4 Ps” apply to all businesses. Topics include: new product development, marketing communications, marketing research, internet and international marketing. Students will conduct market research on a school related topic, apply marketing concepts into the development of their own business plan, and investigate the challenges of international markets. In addition, students will take a closer look at the impact marketing has on consumers. Students will not only become more knowledgeable on marketing issues, but they will most certainly become better and wiser consumers!

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

Reading: 3
Writing: 2
Homework: 3

This course helps students to understand the consumer’s role in a mixed economy. Students will learn about various topics that they will use their entire life. Topics of study include: money management, consumer rights and responsibilities, credit, purchasing of goods and services, making sound investment plans and preparing individual tax returns.

214. GAMEIT (Semester I)*(Elective—grades 10 to 12)*

Reading: 3
Writing: 2
Homework: 2

Game:IT is an introduction to computer programming through game design. The focus of this curriculum is to build a strong foundation in the full spectrum of 2D game development. GAME:IT looks at both coding and building games, but also dives into theories that differentiate games from each other. You DO NOT need to have experience in programming. This course utilizes Construct 2, a powerful game creator that uses "drag-n-drop" programming, so anybody familiar with Windows and using a mouse will be able to start creating games. As the game projects get more complex, you will be introduced to more advanced features such as variables, functions, arrays, and loops. Construct 2 is a terrific tool for beginners, but allows advanced users to build full featured games. Throughout the class you will be learning (or reinforcing) technical skills like programming, graphic design, animation, testing/debugging as well as forming and working in project development teams, learning how the engineering design cycle is incorporated into problem solving and game design, how physics and math play a critical role in making games realistic, how to develop, program and market an original game, and much more!

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

Reading: 3
Writing: 2
Homework: 3

This course includes the study of practical application of law dealing with the individual’s need for protection of his/her personal rights and obligations in everyday life and business agreements. Students will study the origin of law, ethics, legal terminology, contracts, insurance, and property rights (renting, owning).

215. INTRODUCTION TO ONLINE BROADCASTING (Semester)*(Elective—grades 10 to 12)*

Reading: 3
Writing: 3
Homework: 4

Introduction to Online Broadcasting is an introductory “Hybrid” course that provides students with a hands-on experience working with video production and online broadcasting through Kenyon-Wanamingo’s NFHS Channel. Students will be required to be available outside of school hours to live stream sporting and other KW events.

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

Reading: 3
Writing: 2
Homework: 2

Introduction to Business is an introductory course designed to give students an overview of the Business Management, Administration, Marketing and Finance Career Clusters. Students will survey the multitude of opportunities & challenges in the world of business. Focus will be placed upon the role of management, challenges associated with human resource management & skills required for successful leadership in a dynamic environment. This course helps students to prepare for the growing complexities of the business world.

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 (.5 credit)

(Elective grades 10 to 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.

913. CIS Introduction to Education (.5 credit)

(Elective grades 11 to 12)

Reading: 2
Writing: 2
Homework: 3

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.

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	Course
9 th Grade	English 9	English 9
10 th Grade	American Literature 10	American Literature 10
11 th Grade	English 11	AP Language/Composition
12 th Grade	English 12	College Prep English OR AP Literature/Composition

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.

304. AMERICAN LITERATURE 10 A (Semester I)

(REQUIRED—GRADE 10)

305. AMERICAN LITERATURE 10 B (Semester II)

(REQUIRED—GRADE 10)

Reading: 3
Writing: 3
Homework: 2

The American literature 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.

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 will be 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.

Be aware that this course is the equivalent of an introductory college composition course; it will be rigorous and challenging. If you earn a three or higher on the AP examination, many colleges grant six semester hours (or the equivalent) of credit toward satisfying a liberal arts or distribution requirement in English; others grant six credit hours for a specific first-year composition or English course that emphasizes expository writing. **This course is recommended for seniors.**

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 and how it is defined. This class is hands-on and the exploration of creativity through analyzing, interpreting, valuing, and writing is the focus. Students will explore and practice using their writer's voice, producing a creative writing portfolio containing short story, poetry, expository writing, and biographical sketches.

316. AP ENGLISH LANGUAGE / COMPOSITION A* (0.75 credit)

(Elective—grades 11 & 12)

317. AP ENGLISH LANGUAGE / COMPOSITION B* (0.75 credit)

(Elective—grades 11 & 12)

2nd Period Host: ZM Format: Hybrid
6th Period Host: KW Format: Traditional

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.

In accordance with the AP College Board course description, this class will engage “students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes” (The College Board, AP English Course Description, May 2007, May 2008: 6). Students will read primarily non-fiction materials in this course, but will also analyze poetry, fiction, and visual materials to examine rhetorical choices and contextual relationships. This course will culminate in the AP English Language and Composition 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 college composition course; it will be rigorous and challenging. If you earn a three or higher, many colleges grant six semester hours (or the equivalent) of credit toward satisfying a liberal arts or distribution requirement in English; others grant six credit hours for a specific first-year composition or English course that emphasizes expository writing. **This course is recommended for juniors.**

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 \$20 Lab Fee

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 \$20 Lab Fee

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.

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.

504. FASHION DESIGN II (Semester)**(Elective—grades 10 to 12)**

Reading: 1
Writing: 2
Homework: 2

PREREQUISITE: FASHION DESIGN I

Fashion Design II is a course designed to provide fundamental knowledge of the fashion industry. Students will explore past and present fashions, apparel and accessories, principles and elements of design and drawing fashion figures and garments. Students will also explore careers within the fashion industry. Students will have the opportunity to purchase materials and supplies for various sewing projects.

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.

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. After the completion of Child Development I and II, students will receive a certificate for their work in these classes, which can be used for college credit.

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. After the completion of Child Development I and II, students will receive a certificate for their work in these classes, which can be used for college credit.

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

Reading: 1
 Writing: 2 \$20 Lab Fee
 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.

HEALTH AND PHYSICAL EDUCATION

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.

401. HEALTH 10 (Trimester - .33 credit)**(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.

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.

404. WEIGHTS & RECREATION (Semester)**(Elective—grades 10 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.

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.

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.

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. INTRODUCTION TO INDUSTRIAL TECHNOLOGY 9 (Trimester-.33 Credit)(REQUIRED—GRADE 9)**

(1/3 credit)

Reading: 1
 Writing: 1
 Homework: 1

\$5 FEE REQUIRED FOR TAKE HOME PROJECTS

PREREQUISITE: TO ALL INDUSTRIAL TECHNOLOGY COURSES

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.

452. WOOD CONSTRUCTION (Semester I)**(Elective—grades 10 to 12)**

Reading: 1
 Writing: 1
 Homework: 1

FEES REQUIRED FOR TAKE HOME PROJECTS

This course is designed to teach students advanced machine woodworking techniques, the use of woodworking machines, and the art of wood finishing. The students will be required to construct a piece of furniture that will involve many processes of woodworking. In addition, the students will be encouraged to explore a wide range of advanced woodworking processes such as inlaying, marquetry, intarsia, laminating, bending of wood, shaping and woodturning. A community project is required. Safety glasses are required and are available for use from the instructor.

453. ROBOTICS (Semester I)**(Elective—grades 9 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 1 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.

Upon completing an advanced drawing project in 2D design you will be introduced to 3D modeling using the Solidworks software. The software will allow you to fully animate your ideas and inventions after you have designed them.

Students Will: Demonstrate proficiency in the use of the Solidworks software. Identify Orthographic and Isometric views and the lines that represent the objects being drawn. Identify the alphabet of lines for drafting. Construct a set of plans for an architectural drawing. Construct a set of plans for a mechanical part. Generate a 3D object with moving parts. Reverse engineer a chosen object.

456. EXPLORE INDUSTRIAL TECHNOLOGY EDUCATION (Semester)*(Elective-grades 11 & 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 house hold wiring and circuit board construction, mechanical systems and maintenance such as those used in the small engines and automobiles

458. ADVANCED CABINETRY/WOODWORKING (Semester II)*(Elective grades 10 to 12)***Reading: 2** ARTICULATION AVAILABLE**Writing:** FEES REQUIRED FOR TAKE HOME PROJECTS**Homework: 2**

This course is designed to teach students advanced machine woodworking techniques, the use of woodworking machines, and the art of wood finishing. The students will be required to construct a piece of furniture that will involve many processes of cabinetry and woodworking. In addition, the students will be encouraged to explore a wide range of advanced woodworking processes such as inlaying, marquetry, intarsia, laminating, and bending of wood and others. Students will create a working drawing, bill of materials and plan of procedure for their chosen project. Safety glasses are required and are available from the instructor. **At the conclusion of this course, students may leave the course with a certificate that may be presented to 2-year institutions providing them credit for their work in this class.** Please communicate with the instructor at the beginning of the class if you would like to take advantage of this option.

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		Algebra II
11 th Grade	Applied Algebra II	Geometry		Algebra II		Prob/Stats (Sem I)	Pre-Calculus
12 th Grade	Intermed. Alg	Prob/Stats (Sem I)	PreCalculus	College Alg (Sem II)	AP Stats		AP Calculus

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 AND NWEA SCORE OF AT LEAST 50% 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.

266. PROBABILITY & STATISTICS (Semester)

(Elective—grades 10 to 12)

Reading: 2
Writing: 1
Homework: 2

This is a course for students that we are proposing to make required for those who will graduate 2012 and later. We strongly advise this course for the Class of 2011, as well. This course will cover all of the state required standards for probability and statistics. This course will also cover approximately 30% of the Mathematics exam students are required to pass to graduate from the State of Minnesota. 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.

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 ALGEBRA III AND NWEA SCORE OF AT LEAST 50% OR INSTRUCTORS 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.

262. AP CALCULUS ITV A*(Semester I - .75 Credit)

(Elective—grade 12)

263. AP CALCULUS ITV B*(Semester II - .75 Credit)

(Elective—grade 12)

Reading: 2

Writing: 2

Homework: 4

PREREQUISITE: B OR BETTER IN PRE-CALCULUS OR INSTRUCTOR'S APPROVAL

The ITV Calculus Course will be equivalent to one semester of College Calculus. The course will include a quick review of all advanced topics necessary for successful completion of a College Calculus I class. You will learn limits, continuity, derivatives, and integration. Then you will be applying the use of derivatives and integration to life situations. Advanced techniques of integration will be taught and, time permitting, students will learn partial derivatives and multiple integration. The student must possess a scientific and graphics calculator.

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.

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 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.

562. VARSITY CHOIR A (Semester I)

(Elective—grades 9 to 12)

563. VARSITY CHOIR B (Semester II)

(Elective—grades 9 to 12)

Reading: 1

Writing: 1

Homework: 1

Varsity choir is open to any high school student 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. Varsity choir will perform for at least two concerts during the school year. Small group voice lessons are provided during the school day.

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.

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.

362. ECOLOGY A (Semester I)

(Elective—grades 11 & 12)

363. ECOLOGY B (Semester II)

(Elective—grades 11 & 12)

Reading: 3

Writing: 2

Homework: 3

PREREQUISITE: ONE FULL YEAR OF A PASSING GRADE IN BIOLOGY

This course is a yearlong classic study of ecology, with an emphasis on outdoor activities and high adventure opportunities. Environmental issues are of major importance in today’s society. With changing laws and awareness to a sensitive environment for a growing population, students need to understand the principles to make appropriate decisions. This course also offers choices for extended field trips to the North Shore, BWCAW and Wolf Ridge Environmental Learning Center.

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: BIOLOGY, INSTRUCTOR’S APPROVAL,

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.**

370. ADV PHYSICS A* (Semester I)

(Elective—grades 11 & 12)

371. ADV PHYSICS B* (Semester II)

(Elective—grades 11 & 12)

Reading: 3

Writing: 3

Homework: 4

COMPLETION OF ALGEBRA II IS REQUIRED. ENROLLMENT IN PRE-CALCULUS IS ENCOURAGED.

An introductory study of force, motion, heat, sounds, light, electricity, and atomic structure. This is laboratory oriented. The 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 high school credit in physics is required.

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 and 11)

709. MATH CONCEPTS I B (Semester II)

(grades 10 and 11)

Students in this class will review basic skills both in computation and application of these skills. Practical math skills will be reviewed and applied to real life math situations. Basic lessons in Accelerated Math will be used. Progress is monitored through Accelerated Math and STAR testing. Registration in this class is based on individual student need.

710. MATH CONCEPTS II A (Semester I)

(grades 10 and 11)

711. MATH CONCEPTS II B (Semester II)

(grades 10 and 11)

Skills reviewed and taught in this class include basic geometry, pre-algebra, and application of these skills. Study Island will be used with the beginning level of each student determined by pre lesson testing. Progress will be monitored by individual lesson scores with 70% minimum score and continued STAR testing. Registration in this class is based on individual student need.

712. Math Concepts III A (Semester I)

713. Math Concepts III B Semester II)

The focus of this class is applying the skills learned in the first 2 classes by using various lessons designed to prepare students to use math skills in situations such as banking, home remodeling, and purchasing. Students will be evaluated using the Test of Basic Skills with 75% being the minimum required score. Students must also complete a banking math unit in order to pass the class. Registration in this class is based on individual student need.

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

- 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)** (REQUIRED—GRADE 10)
619. WORLD HISTORY AND GEOGRAPY B (Semester II) (REQUIRED—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.

- 604. ECONOMICS (Semester I)** (REQUIRED—grade 11)
605. POLITICAL SCIENCE (Semester II) (REQUIRED—grade 11)

Reading: 3
 Writing: 2
 Homework: 2

Political science is the study of our nation's rich political and governmental heritage. 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. Also, one week is set aside second semester for students to focus on completing a capstone project that is of particular interest to them.

- 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.

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.

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.

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.

SOCIAL STUDENTS HONORS HUMANITIES CURRICULUM

The Honors Humanities Program is a three-year program designed for honor students entering 10th Grade and beyond. 10th Grade students need to be in the top 25% of their class (or with permission from the instructor) to opt for the Honors program. For Juniors and Seniors, the Honors program is open to anyone interested in accepting the workload. The Honors Program contains four separate courses, of which two may earn college credit for the student: AP Human Geography and AP Psychology. Earning college credit may be a possibility with scoring a three or higher on the AP examination. Listed below is the design layout for this program:

Graded	Semester I	Semester II
10 th	AP Human Geography	AP Human Geography
11 th	Honors American Government	Honors Macroeconomics
12 th		AP Psychology

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.

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

Reading: 4

Writing: 3

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. **STUDENTS SHOULD NOT REGISTER FOR THIS COURSE AND POLI/ECON.**

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

Reading: 4

Writing: 4

Homework: 4

Honors Macroeconomics is for students to demonstrate a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price-level determination, and also 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 POLI/ECON.**

615. AP PSYCHOLOGY A* (Semester I) (Elective—grades 11 & 12)

616. AP PSYCHOLOGY B* (Semester II) (Elective—grades 11 & 12)

Format: Hybrid

PREREQUISITES: SOCIAL PSYCHOLOGY OR EQUIVALENT COURSE.

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.

STUDENT SERVICES

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

Must have 3.0 GPA or higher and contract from cooperating teacher & high school counselor. 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.

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. Completion of weekly activity logs along with a final reflection paper are required to obtain a passing grade. Course can be repeated. By contract with Teacher/Counselor only.

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: EIGHTH GRADERS REGISTERING MUST HAVE A B AVERAGE IN ENGLISH AND NWEA SCORES ABOVE THE 40TH PERCENTILE

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.

2017-2018

WETC ITV COURSE CATALOG

OVERVIEW

ITV courses are delivered through a combination of interactive television 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 ITV 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 an ITV course is right for you consult your guidance counselor before enrolling.

WETC Business

203. & 204. 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 (ITV) meeting and online learning. Students will meet in their respective ITV classrooms Monday & Wednesday, 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.

206. MARKETING

Host: TBD

Duration: Semester

Grades: 10-12

Format: Hybrid

Prerequisites: None

As a "hybrid" class, the learning environment will combine face-to-face (ITV) meeting and online learning. 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 offers students the opportunity to gain knowledge and fundamental skills in the area of marketing and management. Topics include: the marketing environment; the role of product, price, promotion, and place strategies; and discussion and awareness of consumer issues. Class time learning includes video cases, hands-on and computer time. Students will conduct market research on a school related topic and apply marketing concepts into the development of their own business plan. This is certainly an exciting and useful class for not only students interested in a future business career, but also all students from their role as consumers' in our society.

813. 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.

208. PERSONAL FINANCE

Host: Goodhue/Z-M

Duration: Semester

Grades: 10-12

Format: Hybrid

Prerequisites: None

As a "hybrid" class, the learning environment will combine face-to-face (ITV) meeting and online learning. Students will meet in their respective ITV classrooms 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. Students will learn strategies necessary to become financially responsible citizens by establishing healthy financial habits. Through a variety of activities, students will be exposed to current and relevant topics

such as creating a budget, investing money to grow your net worth, exploring the wise use of credit, making informed consumer decisions when purchasing a home or vehicle, and protecting against financial risks. With today's constantly changing world and its consumer-oriented nature, this class is a MUST for every student.

839. THE LAW AND YOU

Host: Cannon Falls

Duration: Semester

Grades: 10-12

Format: Traditional

Prerequisites: None

Students will study criminal and civil actions, law enforcement, and our court systems through a variety of activities including a mock trial. This course teaches you about your legal rights and responsibilities as a citizen in the U.S. through practical examples and actual court cases. Students interested in college credit are encouraged to take the CLEP Business Law test at the college of your choice.

802. WEB DESIGN

Host: Z-M

Duration: Semester

Grades: 10-12

Format: Hybrid

Prerequisites: None

Do you like being creative? Do you like to share information with others? Are you fascinated by computers? Welcome to Web Design! In this course, students will be responsible for creating and maintaining web-based publications of their own writings, as well as creating a website for a business. Topics of study will include: HTML coding, computer basics, planning and creating web pages using online resources, and photo editing, to name a few.

WETC English

316. & 317. AP ENGLISH LANGUAGE AND COMPOSITION

Host: K-W

Duration: Yearlong

Grades: 11-12

Format: Traditional

Prerequisites: Students registering for AP English Language 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.

In accordance with the AP College Board course description, this class will engage “students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes” (The College Board, AP English Course Description, May 2007, May 2008: 6). Students will read primarily non-fiction materials in this course and will be given the opportunity to discuss these works and their thoughts/opinions in an online environment as well as the classroom. In addition to non-fiction works, we will also analyze poetry, fiction, and visual materials to examine rhetorical choices and contextual relationships in print and in online sources. Students will also be given instruction in how to analyze rhetorical strategies in the online world and also collaborate with their peers in peer editing, projects, and discussions. This course will culminate in the AP English Language and Composition 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 college composition course; it will be rigorous and challenging.

Admittance to the course is contingent on completing a summer reading/writing assignment prior to the beginning of the school year. Students with an average grade in English coursework lower than a B should submit a letter of recommendation from a previous English teacher. It is recommended that students taking both AP English courses should take Language in 11th grade and Literature in 12th grade.

310. & 311. AP ENGLISH LITERATURE AND COMPOSITION

Host: K-W

Duration: Yearlong

Grades: 11-12

Format: Traditional

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.

838. 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.

840. 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.

WETC Family and Consumer Sciences

505. INTERIOR DESIGN I

Host: K-W

Duration: Semester

Grades: 11-12

Format: Hybrid

Prerequisites: None

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. 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.

WETC Foreign Languages

828. & 829. 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.

830. & 831. 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.

SPANISH III

Host: Goodhue Duration: Yearlong Grades: 11-12 Format: Traditional Prerequisites: Spanish II

In Spanish III, the students will choose topics as a group and will learn the vocabulary and grammar structures necessary for those topics. The topics could be occupations, camping, hotel issues, medicine, health, cooking, etc.. The structures would include but are not limited to: imperative mode, subjunctive mode, and indicative mode which includes present, imperfect, and preterite. Students will be evaluated in all skills: reading, writing, listening, and speaking. We will have regular open-ended conversations about our lives, and students will submit journal entries in Spanish approximately twice a month. We will strive to increase fluid communications.

WETC Music

841. DIGITAL MUSIC AND SOUND PRODUCTION

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

Students compose, record, and their own electronic music. Students learn MIDI sequencing, vocal recording, digital audio editing, and mixing techniques. They will learn about the different types of sound file formats and discover how to do sound to video synchronization (soundtracks). At the end of the course the kids post their audio projects/songs to Sound Cloud and facebook.

WETC Mathematics

262. & 263. AP CALCULUS

Host: K-W Duration: Yearlong Grades: 11-12 Format: Traditional Prerequisites: B or higher in Pre-Calculus or consent.

This course will include a quick review of functions (polynomial, exponential, parametric, logarithmic and trigonometric) and also Limits and Continuity. It will then continue as a course in single-variable calculus that includes techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. It is equivalent to at least a semester of calculus at most colleges and universities. Algebraic, numerical, and graphical representations are emphasized throughout the course. A graphing calculator is required (TI-83 recommended). Attitude prerequisites include a willingness to work both in and out of class and a sincere intent to place out of the first semester of college calculus rather than repeat it.

264. & 265. AP STATISTICS

Host: Z-M Duration: Yearlong Grades: 11-12 Format: Traditional Prerequisites: None

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

Exploring Data: Describing patterns and departures from patterns

Sampling and Experimentation: Planning and conducting a study

Anticipating Patterns: Exploring random phenomena using probability and simulation

Statistical Inference: Estimating population parameters and testing hypotheses

Students who successfully complete the course and examination may receive credit and/or advanced placement for a one-semester introductory college statistics course.

805. COLLEGE ALGEBRA

Host: Z-M

Duration: Semester

Grades: 11-12

Format: Traditional

Prerequisites:

- Be at least 16 years old.
- Pass the ACCUPLCR 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.
- Completed Algebra in HS or Intermediate Algebra on ITV(See your counselor for details)

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 fulfill your college math requirements for most non science, math, or engineering majors.

804. INTERMEDIATE ALGEBRA

Host: Goodhue

Duration: Semester

Grades: 11-12

Format: Traditional

Prerequisites: Algebra II/Advanced Algebra

This semester long course is designed to help students fill in the gaps between HS Algebra and College Algebra. This course may help students avoid remedial courses in college. Topics include: : Equations and inequalities, the study of linear, quadratic, rational, irrational, exponential and logarithmic functions, and system of equations.

WETC Social Studies

836. AG ECONOMICS

Host: Goodhue

Duration: Semester

Grades: 11-12

Format: Traditional

Prerequisites: None

Who decides what food costs? Who benefits from sugar quotas? Is irradiated food safe to eat? Why do some countries experience famine while others don't? These and other questions will be answered through hands-on learning activities, market simulations, and other fun activities. The basics of supply, demand, price determination, world trade, public policy, and the economics of food safety will all be covered in this-course. The economics of day-to-day living, saving and investing for your future, and the use of the stock market will also be included in this course. Consult with your counselor to see if this course fulfills your district's high school economics requirements.

615. & 616. 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.

821. & 822. AP US HISTORY

Host: Goodhue or Z-M

Duration: Yearlong

Grades: 11-12

Format: Traditional

Prerequisites: None

The AP US History course is designed to teach students the analytical skills and factual knowledge necessary to critically address past and present issues facing our Republic. While developing a strong knowledge base and skillset, students will deeply engage in the events that have made our country what it is today. In this course we will investigate US History for significant events, historical figures, and developing trends in nine periods of study starting in about 1491 and ending at the present. The course will also follow seven key themes across our history that include: American and National Identity, Migration and Settlement, Politics and Power, Work, Exchange and Technology, America in the World, Geography and the Environment, and Culture and Society. We will develop students' analytical skills through primary source analysis, persuasive essay writing, and historical argument based on historical fact. This course will prepare students for the opportunity to earn college credit equivalent to a full year college US History class through the AP and CLEP exams. Students interested in taking AP US History should have strong study and time management skills, and should be interested in both US History and developing critical thinking skills that will help them in a number of areas after high school.

843. & 844. AP WORLD HISTORY

Host: Cannon Falls

Duration: Yearlong

Grades: 11-12

Format: Traditional

Prerequisites: None

The Advanced Placement World History course places an emphasis on six overarching themes; (1) patterns and impacts of interaction among major societies; (2) relationship of change and continuity; (3) impact of technology and demography; (4) systems of social structure; (5) cultural and intellectual developments; (6) changes in functions and structures of states, and how they are exemplified in each of five periods of history. The periods of history are: c. 8000 BCE to 600 CE; 600 CE to 1450 CE; 1450 CE to 1750 CE; 1750 CE to 1914 CE; 1914 CE to present. The objective of the course is to prepare the students for the Advanced Placement exam by developing necessary skills through rigorous study and activities. Students must be capable of careful, technical reading, exact and informative writing, perceptive evaluation of historical documents, critical analysis of divergent thinking and oral defense of controversial issues. Students are encouraged to take the Advanced Placement World History test, which, when successfully completed, could earn them college credits.

614. SOCIAL PSYCHOLOGY

Host: K-W

Duration: Semester

Grades: 11-12

Format: Traditional

Prerequisites: None

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.

833. WWII HISTORY

Host: Z-M

Duration: Semester

Grades: 11-12

Format: Traditional

Prerequisites: None

This course examines the origins, nature, and impact of World War II. Beginning with an in-depth look at the national and imperial rivalries of both 19th century Europe and Asia, we will examine how these tensions would boiled over into starting World War I. After studying the aftermath of the Great War, we will trace the onset of World War II through the provisions of the Versailles Treaty and The Great Depression. We will focus on the impact World War II had on civilian populations and the manner in which the conflict changed the world's economic, social, and political landscape for the decades following the war.