

“WHERE STUDENT ACHIEVEMENT COMES FIRST”

**SCHOOL DISTRICT OF GILMAN
COURSE HANDBOOK**

2017 - 2018

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Notice of Nondiscrimination

The School District of Gilman does not discriminate against persons on the basis of sex, race, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability or handicap in its education programs or activities or in employment.

All courses, including Career and Technical Education courses, are available without discrimination based on sex, race, color, national origin or disability.

Any questions concerning Title IX of the Education Amendments of 1972, which prohibits discrimination on the basis of sex, or inquires related to Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap should be directed to the District Administrator, 325 N. Fifth Avenue, Gilman, WI 54433.

General Graduation Requirements

-24 credits are required for graduation
-16.5 of the credits are required in the following academic fields

English 4 Credits

Required: English 9, English 10, English 11 (Other AP level English courses may substitute with Administrative approval)

Choose to fulfill 4th credit with: Contemporary Literature, British Literature, or English 101/102

Mathematics 3 Credits

Any 3 credits of math will count toward high school graduation. Most 4 year universities will expect to see **a minimum** of Algebra I, Algebra II, and Geometry on transcripts. Algebra I Concepts/Skills, Geometry Concepts/Skills, and Consumer Math will, in most cases, be accepted at 2 year technical colleges, but **NOT** by 4 year universities.

Social Science 4 Credits

Required: World Studies 9, America I, America II, 21st Century Issues (Other AP level Social Sciences courses may substitute with administrative approval)

Required: Students must pass the WI Civics Exam with at least a 60% in order to graduate from any WI public school.

Science 3 Credits

Required: Biology I

Required: 1 credit of either Physical Science or Chemistry I or Physics

Choose to fulfill the 3rd credit with the following or from the above: Field Ecology, Advanced Biology, Ocean & Marine Biology (semester)/Astronomy (semester), or Chemistry II

Please note that Physical Science, Field Ecology, Ocean & Marine Biology, and Astronomy will, in most cases, be accepted at 2 year technical colleges, but NOT by 4 year universities.

Physical Education 1.5 Credits

Health .5 Credit

Computer Applications .5 Credit (taken in 8th grade)

Electives 7.5 Credits

IMPORTANT NOTE- Courses taught in elective areas that qualify for GHS science and math units may or may not qualify as college prep academic credit for post-secondary institutions. Check with individual colleges for specific requirements.

High School Course of Study

With the 8 period class day, students should carry seven academic classes. A student must have the permission of the high school principal to carry less than seven full credit classes. No student should have more than one regular study hall per day.

Class Changes

Class changes for 1st semester must be made within the first 5 days of 1st quarter.

Class changes for 2nd semester must be made within the first 5 days of 3rd quarter.

Changes can be made during Registration, by calling 447-8211 (Ext. 334) or by stopping in the Counseling Office.

Students must have approval from dropping course teacher, adding course teacher, parent, and counselor for changes to be made.

Dropping a yearlong course may only be done with the instructor's approval for reasons such as: failing grades, student's best interest (explanation needed) or discipline. This is generally considered only at semester time. Dropping any class, or being dismissed for the remainder of a class before the semester is over, will result in a letter grade of an F.

Grade Point Average (GPA)

GPA is calculated at the end of each semester (averaging quarter grades) to indicate student academic progress. Gilman High School uses an unweighted GPA system to calculate all grades on a 4.0 scale. **Please note:** Pass/Fail courses are excluded from this calculation.

Repeating a Course without Failure

Generally a student may not take a class over for grade improvement that they have previously passed. An exception to this would be made for the student who must have semester grades of C or higher in specific classes for technical college acceptance. Examples of these classes would be Algebra I, Biology I, Chemistry I and Physics. The original grade will remain on the student's transcript, count as credit and be included in the G.P.A. The new grade would also be reflected on the transcript, but will not count as a credit or be included in the student's overall G.P.A.

Work Release

You may be released if you are on track to graduate and stay on track to graduate:

1. You must have parent approval.
2. You have not been absent more than 5 days without a medical excuse.
3. Your employer will contact the school to make arrangements.
4. Fill out an application for approval and return it to the principal.

Gilman High School Course Selections for 2017-2018 School Year

YOU MAY SELECT ANY ELECTIVES AT OR BELOW YOUR GRADE LEVEL

****Please note that courses are subject to change departments due to class sizes.**

Required Subjects Grade 9

~Biology I

*Computer Technology Applications is required (if not taken in 8th grade)

~English 9

*Health 9

Math Option (Algebra Concepts and Skills **OR** ~Algebra I

Geometry Concepts and Skills **OR** ~Geometry)

*Physical Education 9 **OR** *Physical Fitness

~World Studies 9

Elective Subjects Grade 9

Agriculture

*Equine Science

*Forestry

*Horticulture & Landscaping

*Large Animal Science

*Leadership

*Natural Resources

*Small Animal Science

*Small Engines

*Wildlife Management

Art

*Ceramics & Sculpture I

*Ceramics & Sculpture II

*Drawing & Painting I

*Drawing & Painting II

*Fibers Art

*Photography I

*Photography II

Yearbook/Publications

Business Ed.

*Business Management

*Business Quickbooks

*International Business

*Office Technology

*Sports/Entertainment Marketing

*Web Page Programming & Graphics

Foreign Language

Spanish I

Hands On

Driverø Education

Math

~Algebra I

Algebra Concepts/Skills

~Geometry

Geom. Concepts/Skills

Music

Band

Science

*Astronomy

~Biology I

Physical Science

Tech Ed.

*Applied Vid. Tech I

*Comp. Graphics I

*Comp. Graphics II

*Energy/Power/Elect.

*Exploring Tech.

***Semester Courses
~ College-Prep Courses**

Required Subjects for Grade 10

~America I
~English 10
~Math Option
Science Option
Physical Education **OR** Physical Fitness

Elective Subjects for Grade 10

Agriculture

*Dairy Management
*Equine Science
*Food Science Exploration
*Forestry
*Horticulture & Landscaping
*Large Animal Science
*Leadership
*Natural Resources
*Small Animal Science
*Small Engines
*Welding I
*Wildlife Management

Art

*Ceramics & Sculpture I
*Ceramics & Sculpture II
*Drawing & Painting I
*Drawing & Painting II
*Fibers Art
*Independent Art
*Photography I
*Photography II
Yearbook/Publications

Business Ed.

*Accounting IA
*Accounting IB
*Business Management
*Business Quickbooks
*International Business
*Office Technology
*Sports/Entertainment Marketing
*Web Page Programming & Graphics

Foreign Language

Spanish I
Spanish II

Hands On

Driverø Education

Math

~Algebra I
~Algebra II
Algebra Concepts/Skills
~Geometry
Geom. Concepts/Skills

Music

Band

Science

~Advanced Biology
*Astronomy
~Biology I
~Chemistry I
~Chemistry II
Field Ecology
*Ocean & Marine Biology
Physical Science
~Physics

Tech. Ed.

*Applied Video Tech. I
*Applied Video Tech. II
*Comp. Graphics I
*Comp. Graphics II
*Construction
*Energy/Power/Elect.
*Exploring Tech.
*Manufacturing
*Transportation
*Woods I

***Semester Courses**
~ College-Prep Courses

Required Subjects for Grade 11

~America II
~English 11
~Math Option
Science Option
Physical Education **OR** Physical Fitness

Elective Subjects for Grade 11

Agriculture

*Animal Health & Vet Science
*Dairy Management
*Equine Science
*Food Science Exploration
*Forestry
*Horticulture & Landscaping
*Independent Ag
*Large Animal Science
*Leadership
*Natural Resources
*Small Animal Science
*Small Engines
*Welding I
*Welding II
*Wildlife Management

Art

*Ceramics & Sculpture I
*Ceramics & Sculpture II
*Drawing & Painting I
*Drawing & Painting II
*Fibers Art
*Independent Art
*Photography I
*Photography II
Yearbook/Publications

Business Ed.

*Accounting IA
*Accounting IB
*Business Management
*Business Quickbooks
*International Business
*Office Technology
*Sports/Entertainment Marketing
*Web Page Programming & Graphics

English

*~Contemporary Literature I
*~Contemporary Literature II
*~British Literature I
*~British Literature II

Foreign Language

Spanish I
Spanish II
Spanish III

Hands On

*Aide
YTY I

Math

~Algebra I
~Algebra II
Algebra Concepts/Skills
~AP Calculus
~Calculus
~Geometry
Geom. Concepts/Skills
~Pre-Calculus

Music

Band

Science

~Advanced Biology
*Astronomy
~Biology I
~Chemistry I
~Chemistry II
Field Ecology
*Ocean & Marine Biology
Physical Science
~Physics

Tech. Ed.

*Applied Video Tech. I
*Applied Video Tech. II
*Basic Auto Care/Maint.
*Comp. Graphics I
*Comp. Graphics II
*Construction
*Energy/Power/Elect.
*Exploring Tech.
*Manufacturing
*Transportation
*Woods I
*Woods II

***Semester Courses**
~ College-Prep Courses

Required Subjects for Grade 12

~21st Century Issues

~English Option

~Math Option

Science Option

Elective Subjects for Grade 12

Agriculture

*Animal Health & Vet Science

*Dairy Management

*Equine Science

*Food Science Exploration

*Forestry

*Horticulture & Landscaping

*Independent Ag

*Large Animal Science

*Leadership

*Natural Resources

*Small Animal Science

*Small Engines

*Welding I

*Welding II

*Wildlife Management

*Work Release for Ag/Tech

Art

*Ceramics & Sculpture I

*Ceramics & Sculpture II

*Drawing & Painting I

*Drawing & Painting II

*Fibers Art

*Independent Art

*Photography I

*Photography II

Yearbook/Publications

Business Ed.

*Accounting IA

*Accounting IB

*Business Management

*Business Quickbooks

*International Business

*Microsoft Office Suite

*Office Technology

*eSports/Entertainment Marketing

*Web Page Programming & Graphics

English

*~Contemporary Literature I

*~Contemporary Literature II

*~British Literature I

*~British Literature II

*~English 101

*~English 102

Foreign Language

Spanish I

Spanish II

Spanish III

Spanish IV

Hands On

*Aide

YTY I

YTY II

Math

~Algebra I

~Algebra II

Algebra Concepts/Skills

~AP Calculus

~Calculus

Consumer Math

~Geometry

Geom. Concepts/Skills

~Independent Math

~Pre-Calculus

~Statistics

Music

Band

Phy. Ed.

Physical Education

Physical Fitness

Science

~Advanced Biology

*Astronomy

~Biology I

~Chemistry I

~Chemistry II

Field Ecology

*Ocean & Marine Biology

Physical Science

~Physics

Tech. Ed.

*Applied Video Tech. I

*Applied Video Tech. II

*Basic Auto Care/Maint.

*Comp. Graphics I

*Comp. Graphics II

*Construction

*Energy/Power/Elect.

*Exploring Tech.

*Independent Tech.

*Manufacturing

*Transportation

*Woods I

*Woods II

***Semester Courses**
~ College-Prep Courses

English Courses

English 9 (required)

1.0 credit/year

English 9 is designed to concentrate on the skills of reading, writing, speaking, and listening. Students will gain experience through a study of literature, the use of grammar and composition skills, and the practice of basic communication techniques. Supplementary work will be completed in vocabulary. Students will reinforce and strengthen their understanding of the writing process concentrating on a narrative, persuasive, and informative paper.

English 10 (required)

1.0 credit/year

Students will center their studies on a variety of genres of classical and modern literature. Work in composition and further attention to vocabulary skills will accompany the study of literature. Written compositions will be required in both semesters. The basic aim of English 10 is to continue developing the language arts skills: reading, writing, speaking, and listening.

English 11

1.0 credit/year

(Required unless substituting another English course with administrative approval)

Students will center their studies on a chronological study of American Literature focusing on the great American authors. Emphasis will be placed on the rules of grammar and composition and writing as a process. Students will strengthen their writing skills concentrating on a comprehensive persuasive research paper.

British Literature I & II (elective)

0.5 credit/semester each

These semester-long courses explore various genres of literature by great English authors such as Shakespeare, Shelley, Tolkien, and Orwell. The literature is chronologically divided into historical literary periods, beginning with the Old English and Medieval Periods and ending with the Modern and Postmodern Periods. As students read and interpret the literature, they will be expected to think and respond on a deeper level. Students will improve grammar and usage skills through guided writing with current technology. *This course is beneficial for those students who plan to attend a four year college.*

Contemporary Literature I & II (elective)

0.5 credit/semester each

These semester-long courses survey various genres of more modern literature. The students will continue to explore writing and grammar through several writing assignments. These not only include responsive writing to literature, but also career writing with resumes`. This course challenges students to recognize classical and popular fiction and non-fiction and to develop and maintain formal writing skills.* **

*British Literature II is a continuation of British Literature I. Contemporary Literature II is a continuation of Contemporary Literature I.

**Student must take Literature I before advancing to Literature II (or teacher and administrator approval).

Social Studies Courses

World Studies 9 (required)

1.0 credit/year

Students will learn about major events of World History and how they have affected present day western civilization. Students look at major events from a European view point to help understand the historical background of modern day issues. Critical thinking is encouraged and taught. Participation and expression of opinions over controversial topics are encouraged. General long-term trends and persistent human problems are supplemented with specific studies of current events.

America I-Grade 10 & America II-Grade 11 (both required)

1.0 credit/year each

(America II required unless substituting another Social Studies course with administrative approval)

(Taken from the Wisconsin Guide to Curriculum Planning in Social Studies 1997)

Grade 10 emphasizes the history of our country during the 18th and 19th centuries while grade 11 focuses on the 20th century.

The study of United States history focuses on the nature of change and continuity as forces in our society and helps students develop a national and world view necessary for making critical decisions concerning the future of our country. This chronological course provides for an in-depth analysis of key events, people, and issues in United States history, with special emphasis on basic ideas and skills, such as cause-and-effect relationships, multiple causation of events, economic interdependence between world regions, use of historical evidence to solve problems, and development of a time perspective. A special feature of this course is the integration of important concepts related to the study of local, state, and national governments at several points in the course. The Constitutional period, key presidential elections, and major events in our history provide appropriate opportunities to develop a better understanding of the institution of government, participatory democracy, and the importance of law and the nature of political change in United States Life.

Twenty-First Century Issues-Grade 12

1.0 credit/year

(Required unless substituting another Social Studies course with administrative approval)

In Twenty-First Century Issues, students look at modern day issues and subjects. Preparation for their political and civic responsibilities in a democratic free enterprise system is the major objective. Topics of study include economics, psychology, social issues, current events, and political science. In the latter, students will research and debate major controversial issues facing our society. They will be considering our political system and how these issues are being dealt with at the federal, state, and local level.

Science Courses

Biology I-Grades 9-10 (required)

1.0 credit/year

This course focuses on the study of life, which includes everything from learning how the body works to understanding the interaction of different species. Units covered are: Becoming a scientist, macromolecules and cell chemistry, cellular biology, DNA and protein synthesis, genetics and genetic diseases, evolution, comparative anatomy, classification, microbiology, tour of the 5 Kingdoms, invertebrates, vertebrates, and ecology.

Advanced Biology-Grades 10-12

1.0 credit/year

Prerequisite-Biology I

This college prep course is designed for students who have a strong interest in life science and who are considering a career in the sciences. First semester is devoted toward learning Latin/Greek root words and anatomy & physiology. Second semester units include biotechnology/advanced genetics and microbiology. Many AP (Advanced Placement) Biology labs are conducted in this class. Major labs and projects include Cellular Respiration, Enzyme Catalysis, modeling the Krebs cycle, multiple Gel Electrophoresis labs, Drosophila Crosses, Human Chromosome Karyotyping, Urinalysis simulation, Diagnosis: You Are the Doctor, college bacteria stain and lab series, A-Z Tutorial of the Plant Kingdom, Transformation of E. coli with Luciferin (firefly gene), and readings from the Robin Cook's bestselling novel, Toxin. The final assessment is a semester capstone project. No final exams.

Astronomy-Grades 9-12

0.5 credit/semester

This course is intended to introduce students to the field of astronomy. A broad range of topics will be covered, including the history of astronomy, gravity and motion, atoms and light, telescopes, earth, moon, solar system, terrestrial plants, meteors/asteroids/comets, sun, stellar evolution and remnants, Milky Way and other galaxies, and space exploration.

Field Ecology-Grades 10-12

1.0 credit/year

Prerequisite-Biology I

Topics of study include: Chemical water testing, stream analysis based on invertebrate collection and identification as bioindicators, goldenrod-parasite study and graphing opportunity, forest analysis and a formal publication-worthy lab write up from it, forest health indicators study, bog and tall grass prairie tour, wildlife management unit, population studies and survival unit, supernatural ecology, lichen study, tree taxonomy experiences, environmental problem unit, land ethics and nature awareness activities and readings from Aldo Leopold's *Sand County Almanac*, phenology and nature weather indicator activities and readings from Kenny Salwey's *Last River Rat*, activities and readings pertaining to public relations cover-ups from Sheldon Rampton's satirical book, *Toxic Sludge is Good for You*, phenology journal project, mastery of Wisconsin bird and frog calls, secrets of bass fishing unveiled, groundwater model tutorials and activities, lessons in nature photography, lessons in scrapbooking experiences in nature, lessons in backpacking, environmental song lyric analysis activities, mastery of spring ephemerals (WI spring wildflowers) and of WI ducks.

Chemistry I-Grades 10-12

1.0 credit/year

Prerequisite-Algebra I

This course is a study of matter, its structure, and the changes it undergoes. It is laboratory oriented, giving the students a chance to work with the tools of chemistry, while at the same time, applying the concepts by solving problems. **This highly recommended course is recommended for those students planning to attend a 4-year university.**

Chemistry II-Grades 11-12**1.0 credit/year***Prerequisite: Chemistry I (C or higher)*

Students study oxidation, reduction, molecular structures, organic chemistry of molecular structures, and chemistry of carbon compounds. Students perform experiments and report on them.

Ocean & Marine Biology-Grades 10-12**0.5 credit/semester***Prerequisite: Biology I (C or higher)*

This course is intended to introduce students to the field of Oceanography. Topics covered will include physical features for the ocean, organisms of the sea (microbes, plants, invertebrates, fish, reptiles, birds, and mammals), ecosystems and ecology, and human impact on oceans. Students will be able to identify characteristics and physical features of the oceans and relate how the oceans are integral to all life on earth. They will also gain an understanding of how the environment determines the types of marine organisms present and organism interactions within the ecosystem.

Physical Science-Grades 9-12**1.0 credit/year**

Physical Science is an exploration of many of the science area including: properties and classifications of matter, patterns in matter, motion force and energy, heat energy, electricity, and magnetism, pollution, water and soil, astronomy and wave theory. There is an emphasis on reading and listening as well as learning the terminology associated with these areas. Asking questions and being inquisitive is a must!

**WHILE SOME 4 YEAR COLLEGES WILL ACCEPT THIS COURSE AS COLLEGE PREP.
THERE IS NO GUARANTEE ALL WILL.**

Physics-Grades 11-12**1.0 credit/year***Prerequisite: Algebra I and II*

Modern physics is concerned with force, energy, and motion. It tries to introduce as many sources of energy and practical uses as possible. Nuclear power and fission reactions are some of the unanswered questions waiting for the right people to answer them and integrate their best use into today's society. This is a basic course for any science or technical career. There may be a lab included every other day with this class.

Mathematics Courses

Algebra I-Grades 9-12

1.0 credit/year

Students translate everyday problems or ideas into math expressions. Once the problem is expressed mathematically, it is a simple process to find the answer. Algebra develops a systematic method to solve problems such as: programming computers, increasing efficiency with time studies, maximizing profits through proper land use, saving money at the grocery store, figuring gear or pulley ratios for the amount of work you want done, and compound interest problems. **Eligible 8th grade students may take Algebra I (full year) and count it as a high school credit for math.** Algebra I is accepted as a math entrance credit by colleges.

Algebra II-Grades 10-12

1.0 credit/year

Prerequisite: Algebra I (With C+ or higher OR Instructor Approval)

Algebra II students look at more technical problem solving encountered and vocational math and science courses. Careers for which Algebra II is helpful in: engineering, navigation farming, nursing, oceanography, actuarial science, computer systems analysis, and pharmacy. Accepted as a math entrance credit by colleges.

Algebra Concepts & Skills-Grades 9-12

1.0 credit/year

This **technical college prep mathematics** course is designed to strengthen a student's knowledge of abstract concepts necessary for successful completion of the Algebra I course. Many of the same topics from Algebra 1 are covered but the course utilizes a more graphic, hands-on approach and thus creates an easier transition into the traditional Algebra I course.

AP Calculus-Grades 11-12

1.0 credit/year

Prerequisite: Algebra I, Algebra II, Geometry, and Pre-Calculus (OR Instructor Approval)

Students must plan in advance if they want to take this class. To finish the prerequisites before the senior year, a student must either take Algebra II and Geometry in their sophomore year, or take Algebra I in eighth grade. Therefore, students must decide at a young age if they are interested in pursuing some of the following careers or fields of study: Applied Mathematics, Actuaries, Engineering, Chemistry, Physics, Pilots, Computer Designing or Programming, Business Management.

-This class is a college level class. In the spring of the year there is a national test, which the students may take to see if college credit will be allowed. If the student passes the test, he/she has the choice of accepting or rejecting the credit. This class may be offered through the Distance Learning Center.

Calculus-Grades 11-12

1.0 credit/year

Prerequisite: Algebra I, Algebra II, Geometry, and Pre-Calculus (OR Instructor Approval)

Students must plan in advance if they want to take this class. To finish the prerequisites before the senior year, a student must either take Algebra II and Geometry in their sophomore year, or take Algebra I in eighth grade. Therefore, students must decide at a young age if they are interested in pursuing some of the following careers or fields of study: Applied Mathematics, Actuaries, Engineering, Chemistry, Physics, Pilots, Computer Designing or Programming, Business Management.

-This class is a college level class. In the spring of the year there is a national test, which the students may take to see if college credit will be allowed. If the student passes the test, he/she has the choice of accepting or rejecting the credit. This class may be offered through the Distance Learning Center.

Consumer Math-Grade 12

1.0 credit/year

The emphasis is on practical application of math life skills that are essential in today's world. Consumer and career math will be the major emphasis of the class along with some review of computational skills. It does fulfill one credit for graduation, but colleges and vocational schools do not recognize it as a high school "math" class. **This is a non-college prep course.**

Geometry-Grades 10-12

1.0 credit/year

Prerequisite: Algebra I (With C+ or higher OR Instructor Approval)

Geometry studies the relationship of lines to shapes such as the rectangle, square, circle, and other flat figures. Rectangular solids, cubes and spheres are studied as solids. Proofs are developed through logic and become an integral part of the reasoning processes necessarily in art, design, mechanical drawing, engineering, architecture, and many other fields. Accepted as a math entrance credit by colleges. (Required by most Wisconsin Colleges)

Geometry Concepts & Skills-Grades 9-12

1.0 credit/year

This **technical college prep mathematics** class is an investigation of the principles and elements of plane and solid geometry. This course is meant to be taken as the second part of a sequence of Alg. I Concepts and Skills, Basic Geometry, and Consumer Math for Non-College bound students only. Topics include inductive reasoning, line segments and angle, parallel and perpendicular lines, polygons, circles, similarity, area, surface area and volume.

Independent Math-Grade 12

1.0 credit/year

Prerequisite: Instructor Approval

This class is for those students who want to enhance their knowledge and skills in advanced mathematical topics.

Pre-Calculus (Formerly Math IV)-Grades 11-12

1.0 credit/year

Prerequisite: Algebra I, II, and Geometry (OR Instructor Approval)

Solid geometry, plane trigonometry, analytical geometry, and statistics are the advanced areas studied in Math IV. This is for the career-oriented math student. Other units may include probability, statistics, limit theory, and pre-calculus. This course is approximately equivalent to a beginning college level "math" course.

Statistics

1.0 credit/year

Prerequisite: Algebra I & II (C or higher OR Instructor Approval)

Students will be immersed in real-world problems that can only be solved using statistical methodology. Students will explore, summarize, and display data; design surveys and experiments; use probability to understand random behavior; make inferences about populations by looking at samples from those populations; and make inferences about the effect of treatments from designed experiments. By the end of the course the student will learn the fundamental logic and tools of statistics, learn about the actual practice of statistics in real-world situations, and be prepared to pass the AP Statistics Exam.

Foreign Language Courses

Spanish I-Grades 9-12

1.0 credit/year

This course introduces the fundamental elements of the Spanish language within a cultural context. Emphasis is placed on the development of basic listening, speaking, reading, and writing skills. Students will begin to explore issues related to the Hispanic world. Topics include historical and current events, geography, music, art and customs. Upon completion, students should be able to identify and discuss selected topics and cultural differences related to the Hispanic world.

Spanish II-Grades 9-12

1.0 credit/year

Prerequisite: Spanish I (C or higher)

This course is a continuation of Spanish 1 focusing on the fundamental elements of the Spanish language within a cultural context. Emphasis is placed on the progressive development of listening, speaking, reading, and writing skills. Upon completion, students should be able to comprehend and respond with increasing proficiency to spoken and written Spanish and demonstrate further cultural awareness.

Spanish III-Grades 11-12

1.0 credit/year

Prerequisite: Spanish II (C or higher)

This course is a continuation of Spanish 2, providing an opportunity to enhance the review and expansion of the essential skills of the Spanish language. The study of Hispanic culture will continue with various projects. Upon completion of this course, students should be able to comprehend mid-intermediate spoken Spanish; develop and use vocabulary for practical, everyday use; speak with sufficiently correct pronunciation to be understood; read and write Spanish paragraphs; and discuss and be sensitive to relevant aspects of Hispanic culture.

Spanish IV-Grade 12

1.0 credit/year

Prerequisite: Spanish III (C or higher)

This course prepares students for university studies in Spanish. Students will enhance their ability to use the language with clarity and precision and will develop the language skills needed to engage in sustained conversations and discussions, understand and evaluate information, read materials for both study and pleasure and write clearly and effectively. An intermediate speaker is able to ask and answer questions and sustain conversation with increased proficiency. Speakers are able to handle successfully a number of interactive, task-oriented, and social situations and initiate, sustain, and close a general conversation with a number of appropriate strategies. The intermediate speaker is able to be understood by native speakers.

Hands On Courses

Aide-Grades 11-12

0.5 credit/semester

Students assist staff with daily tasks including sorting mail, answering phones, delivering messages, and collecting homework for absent students.

Aide is not calculated in the GPA.

Driver's Education-Grades 9-12

0.25 credit/quarter

The classroom phase of driver's education teaches concepts of good driving habits and knowledge of the rules so that a safety minded attitude is developed. Also, covered will be automotive care and safety during the class. Any student not in class attendance for a minimum of 30 hours of the driver's education specifics **will not** pass the class. Behind-the-wheel driving will be scheduled in different hours. **Before you can begin the "behind-the-wheel" phase, your drivers. ed. fee must be paid in full.** The behind-the-wheel phase of driver's education implements and practices skills for a minimum of six driving hours and six observation hours. Techniques and skills in driving will be discussed and practiced over the 12-hour period.

This class is for high school students who must be 15 years old at the time the classroom begins (provided there are no scheduling conflicts).

Driver's Education is not calculated in the GPA.

Youth Tutoring Youth I-Grades 11-12 (OR Administrative Approval)

0.5 credit/semester

Tutoring is a well-balanced question and information exchange where both tutor and student participate and benefit. Tutors assist the students to perform at a satisfactory level or higher in content areas. During the semester a YTY student will give guided practice to other students to enrich their level of efficiency. Instructors will have prepared material to give YTY tutors. The YTY tutor will spend time during the day on a one and one basis with students in small groups. Grades are based on attendance, teacher/student established criteria, such as reliability initiative performance. In order to receive credit for this course, students must be approved prior to the first day of the semester of which the course is in.

YTY is calculated in the GPA.

Youth Tutoring Youth II-Grade 12

0.5 credit/semester

Prerequisite: Youth Tutoring Youth I

Continuation of YTY I, tutors work on self-concept, mathematics, techniques in teaching spelling, tutor made games, etc. In order to receive credit for this course, students must be approved prior to the first day of the semester of which the course is in.

YTY is calculated in the GPA.

Music Course

Band (Instrumental Music)-Grades 9-12

1.0 credit/year

Band allows students to work together and excel on one or more instruments through full group rehearsal, individual practice, and lessons. The band performs four (4) required concerts per year: Veteran's Day (November), Holiday (December), Spring (April), and Graduation (May). Other required performances include pep band and marching band.

Physical Education & Health Courses

Physical Education-Grades 9-12

0.5 credit/semester

Physical education provides opportunities, which are physically wholesome, mentally satisfying and stimulating, and socially sound. Physical education is required of all students unless they present a physician's statement that they have a condition which prevents them from participating and which explains the condition and length of time to be excused. All students are required to be properly dressed for participation. The student should: develop and maintain maximum physical efficiency, be able to act in socially acceptable ways, develop useful physical skills, learn many life-time sports and games that are relaxing and stimulating, learn health habits, and how the body works. Units include team sports, individual sports, rhythms and dance, games of low activity, aerobic fitness activities, weight training, and lifetime recreational activities.

Physical Fitness-Grades 9-12

0.5 credit/semester

This class includes developing physical fitness by the use of polymeric and the knowledge of muscles. Each student will develop the proper use of weight lifting skills and developing a workout routine.

9th Grade Health Education

0.5 credit/semester

Health education focuses on current health issues as well as lifelong health. Main units to be covered include but are not limited to; nutrition, human body systems, mental & emotional health, family and social health, personal health choices (responsible decision making), substance use and abuse, communicable and non-communicable diseases, human growth and development, safety and accident prevention, consumer health and environmental health. All of these areas represent an understanding of humans and our environment. Learning how to deal with current health issues as well as taking a proactive approach to healthcare is the ultimate goal of this class.

Lifeguard Training Course

0.5 credit/3rd Trimester at Stanley-Boyd School Pool

The lifeguard training course (35 hours) will be conducted during the summer at the Stanley-Boyd School and will follow the Red Cross mandates. Prerequisites: *Must be 15 years old by the end of the course. *Swim 500 yards continuously (100 yards each of crawl stroke, breast stroke, & side stroke, plus 200 yards of the candidate's choice). *Submerge to a minimum depth of 7 feet, retrieve a 10-pound object, and return with it to the surface. *Tread water for two minutes using legs only. Key course features: *Complete skill instruction, equipment-based rescues, spinal injury, management, post-rescue care and more all incorporating the most current principles of aquatic safety. * Professional lifeguard responsibilities; training you'll need both in and around the pool, including; interaction with public (including patrons with disabilities, cultural diversity, handling violence); responsibilities as a professional rescuer; your role as part of the facility's safety team; and more. *Lifeguard Training Certificate after successful completion of course requirements.

Business & Information Technology Courses

Accounting IA-Grades 10-12

0.5 credit/semester

(May be taken as independent study upon approval of instructor to assist with scheduling)

Any company, business, or organization in which you plan to work is going to be interested in making money. Take Accounting IA to have fun learning about business operations through virtual business challenges, simulations, and FBLA. Students who have taken this class have competed in FBLA competitive events and have been successful in advancing to state and national competitions—great items to be able to list on scholarship and employment applications!

11th and 12th grade students who take both Accounting IA and Accounting IB, in high school, may be eligible to receive 4 transcripts credits from Chippewa Valley Technical College (CVTC).

Accounting IB-Grades 10-12

0.5 credit/semester

Prerequisite: Accounting IA

Accounting 1B is designed so students can explore careers in business, learn different ways to run a business, and learn to analyze company financial statements to make good decisions about a company's future growth. Simulations, Excel, and Automated Accounting software are used to help students learn current best business practices. (May be taken independent study upon approval of instructor to assist with scheduling)

Business Management-Grades 10-12

0.5 credit/semester

(Independent Study)

This course provides an introduction to business management concepts and principles in a realistic, investigative, and enriching manner. Business operations are approached from the entrepreneurial and management perspective. All the functions of business management are covered extensively, including the use of technology and communication as tools of business.

Business Quickbooks-Grades 9-12

0.5 credit/semester

(Independent Study)

In this course, students learn fundamental accounting concepts and principles through the use of the QuickBooks and the analysis of business events. Students first learn to navigate through QuickBooks and then they record a variety of operating, investing, and financing transactions. This course is monitored through the use of a course management system.

Computer Technology Applications-Grades 8-12 (required)

0.5 credit/semester

This computer applications class is the last course in a series of courses offered through our information and technology curriculum designed to develop highly skilled students. Students learn to use the **advanced** integrated features in WORD, Excel spreadsheets, Publisher, Access database, and PowerPoint in a project-based setting.

International Business-Grades 9-12

0.5 credit/semester

(Independent Study)

Learn the basic foundations of business within the context of the global economy. Students will learn about international finance and business with strong links to history, geography, and cultures around the world. Some of the topics included in this course are government and global business, legal agreements around the world, importing, exporting, and trade relations, organized labor, and international career planning.

Microsoft Office Suite-Grade 12**0.5 credit/semester***Chippewa Valley Technical College (CVTC) Transcribed Credit Course (May be Independent Study)*

Students who complete this course will be highly skilled in using Microsoft Office Suite applications in an educational setting or a business environment. Chapters include review of introductory concepts and use of advanced features in Word, Excel, PowerPoint, and Access. Integrated projects are used to extend learning for more advanced Microsoft Office Suite concepts.

BONUS!!! Upon completion, students may be eligible for 2 transcribed credits from CVTC.**Office Technology: Administrative Assistant-Grades 9-12****0.5 credit/semester***(Independent Study)*

This course challenges students to develop information management, technology, and communication skills that are valuable for all types of workers. The course is designed to reinforce and extend basic skills involving math, language, decision making, critical thinking, and teamwork. Example activities include creating memos, letters, and other correspondence; preparing charts, graphs, form letters; developing telephone skills, scheduling appointments, making travel arrangements, and planning and organizing schedules. A simulated final project focuses on the aptitudes and attitudes that are critical in a work environment.

Sports and Entertainment Marketing-Grades 9-12**0.5 credit/semester***(Independent Study)*

Students learn the foundations and functions needed to successfully market goods, services, and ideas to consumers. Professional development, customer service, and technology are presented as keys to students' success. Students will study selling, human relations, communications, distribution, promotion, product planning, and pricing, and as a result may see marketing as a career choice. *Virtual Business-Sports* is integrated as a final project.

Web Page Programming & Graphics-Grades 9-12**0.5 credit/semester***(Independent Study)*

No prerequisites! *Adobe Creative Suite 6 (CS6)* Program includes *Dreamweaver® Photoshop® Flash®*. Check out the suite of web, graphic, and rich media-authoring applications. Web Page & Graphics is a project-based course in which you learn how to use the tools in CS6 while you build an understanding of the overall design and process that is needed for producing web, graphic, and rich media communication.

Technology Education Courses

Applied Video Techniques I-Grades 9-12

0.5 credit/semester

Prerequisite: Exploring Technology

Students in this course will first learn the basic principles of video technology including using the camera, editing sound, and many other parts of video production. The students will learn how a news cast is made. This class will be creating weekly news cast, where everyone in class will have their own job. This is a fun class for female and male students.

Applied Video Techniques II-Grades 10-12

0.5 credit/semester

Prerequisite: Applied Video Techniques I

This course is an extension of Applied Video Techniques I where students continue to use concepts of video technology to create more advanced projects. The goal of the course is for the student to develop the ability to capture great video images and audio, and to be able to edit those two elements together to tell a story.

Basic Auto Care and Maintenance-Grades 11-12

0.5 credit/semester

Basic Auto Care and Maintenance is a course designed to introduce students to the proper way to maintain an automobile's longevity, performance, and value. Students can expect to learn and understand how individual systems operate and work with other systems to form today's complex automobiles. Areas of focus will include: knowledge of basic systems (fuel, electrical, cooling, lubrication, etc.), troubleshooting basic problems, preventive maintenance (brake inspection, belts, hoses, filters, etc.), and demonstration of basic services (oil changes, lube chassis, inspect tires, change bulbs, test batteries, test coolant, etc.), basic car care including proper detailing techniques. The coursework will be relevant to students pursuing technical careers in Auto-tech and maintenance related fields. ***Students will be responsible for cost and acquisition of all project materials and basic service supplies.***

Computer Graphics I-Grades 9-12

0.5 credit/semester

Students will learn to draw, and combine lettering in their artwork as in advertise designs. Students will also learn to design such things as posters, CD cases, T-shirts, and other products while being introduced to the advertising industry and careers involved with computer graphics.

Computer Graphics II-Grades 9-12

0.5 credit/semester

Prerequisite: Computer Graphics I

Students will learn advanced methods and also use skills learned in Computer Graphics I. The focus will be on creating original products and applying photography skills on the computer.

Construction-Grades 9-12

0.5 credit/semester

Prerequisite: Exploring Technology

This course is designed to teach students construction industry accepted methods which could be implemented by the student in a construction career or typical home repairs and improvements. The students will also have a head start should they choose to follow a construction related degree from a technical college. Activities will include, but not be limited to: proper methods and techniques as related to designing, estimating materials, framing and finishing. Concrete prep work, estimating, ordering and finishing. Safe set up and operation of job sites. Students will also be involved in community / school based projects. An alternative project is an individual student designed and constructed 1/8 scales "cut away" model home.

Energy, Power, and Electronics-Grades 9-12**0.5 credit/semester**

Energy production and consumption is one of our most heated and debated issues today. This course will help the student understand current energy and electronics issues that our nation faces today and in the future. Students will learn where the energy they use every day comes from and how it powers their lives. Areas of focus will include: non-renewable energy sources, environmental impacts, renewable and alternative energy sources, and economic and social impacts of energy and electronics. Students can expect to perform lab activities related to renewable alternative energy sources such as solar power, wind power, and waterpower. Coursework is relevant for students pursuing any post-secondary degree related to earth science, environment science, energy and resources, and power mechanics for future home or business owners that need to understand energy issues.

Exploring Technology-Grades 9-12**0.5 credit/semester**

This class is designed to be hands on and introduces students to fields in construction, manufacturing, transportation, communications, video production, electronics and problem solving. Students will work on activities in woodworking, metals, welding, fabrication, construction, video and audio production, computer graphics, photography, and problem solving activities.

Independent Technology Education-Grade 12**0.5 credit per scheduled hour**

(Must have prior approval of Instructor)

A course designed for seniors who are interested in a specific subject matter of interest. Students should have had prior Tech. Ed. Classes and be willing to work towards advancement and mastering of various skills. This course can be taken 1 or 2 hours a semester/year.

Manufacturing-Grades 10-12**0.5 credit/semester**

Prerequisite: Exploring Technology

Manufacturing is a course where we work on developing design and production skills with the use of primarily metal and wood materials. Students will develop basic machine skills by completing several projects and learn how the CNC Router works and the capabilities of the machine. They will also design and produce a product, which they may or may not sell for their own profit. Students have an opportunity to see and participate in every aspect of manufacturing through our enterprise company.

Transportation-Grades 10-12**0.5 credit/semester**

Prerequisite: Exploring Technology

In this class students will be going through many different parts of transportation and learning how they all work. The projects we will make are, mouse trap cars, dragster cars, water bottle rockets, and we will also make hydrofoils. In this class we will also be rebuilding small engines and learning how each system makes them work. This class will be fun for all that join.

Woods I-Grades 10-12**0.5 credit/semester**

Prerequisite: Exploring Technology

Woods is a course where we work on developing our skills in the woods shop. These skills involve producing a wood project nice enough to sell. In this class, students will make 2 projects that I assign and 1 project that they choose to make. Students will also have an opportunity to make log furniture and develop projects on the CNC Router

Woods II-Grades 11-12**0.5 credit/semester**

Prerequisite: Woods I

This course will challenge students to more advanced woods projects. Students will have an opportunity to create independent projects that they choose. This is an exciting class for the more experienced woodworker!

Art Courses

Ceramics & Sculpture I – Grades 9-12

0.5 credit/semester

This hands-on course will involve a variety of clay molding techniques that will be messy and clean. The class will show the student basic hand building techniques through visual demonstrations and examples. The following methods will be taught: pinch, coil, slab, incising, appliqué and glazing. Each will have a unique style that can be manipulated to fit the students' image. The class will find inspiration for their work from viewing a variety of cultures that use pottery for decoration and function. The cultures range from Asia, Europe, Africa, and the United States. This course allows student to use their imagination and hands to build visual pieces of 3-D art. If you like to use your hands to make art and want to let the creative ideas flow this is the art class for you.

Ceramics & Sculpture II – Grades 9-12

0.5 credit/semester

Prerequisite: Ceramics & Sculpture

This hands-on course will involve a variety of clay molding techniques that will be messy and clean. The class will show students how to refine their basic hand-building skills they learned in Ceramics to make advanced pieces in this class. The class will find inspiration for their work from viewing a variety of cultures that use pottery for decoration and function. The cultures range from Asia, Europe, Africa, and the United States. This course allows student to use their imagination and hands to build visual pieces of 3-D art. If you like to use your hands to make art and want to let the creative ideas flow this is the art class for you.

Drawing & Painting I-Grades 9-12

0.5 credit/semester

This colorful course will give students an opportunity to explore a variety of artists and styles of painting. The class will look at many painting periods to enrich the imagination with visual ideas that can be incorporated into the work. The course will cover the following paint mediums: tempera, watercolor, and acrylic. This course offers easy steps to make a complicated painting simple to reproduce; it also gives the students an artist's license to alter a painting to fit their own style. The students will use design, photographs, natural settings, and imagination to create several pieces of artwork. The class may take a couple of field trips to local parks and areas to produce paintings. The class will be required to keep a sketchbook of notes, pictures, and ideas for painting I-II.

Drawing & Painting II-Grades 9-12

0.5 credit/semester

Prerequisite: Drawing & Painting I

This class will show students how to refine their basic painting skills in Painting I by introducing them to advance techniques using acrylic and oil paints. The students will use design, photographs, natural settings, and imagination to create several pieces of artwork. The class may take a couple of field trips to local parks and areas to produce paintings. The class will be required to keep a sketchbook of notes, pictures, and ideas for painting I-II.

Fibers Art-Grades 9-12

0.5 credit/semester

This is a hands-on course using different kinds of fibers to create art projects. The class will show students how to form art from a basic material that comes from the animals we live with. The following techniques will be taught: batik, tie-dye, screen printing, basketry, weaving, felting, sewing, marbling, homemade paper, string art, bracelets, macramé, and much more. The students will use books, instructional printouts, and their imagination to design fiber art to be displayed in the school. If you like to use your hands to make art and want to let the creative ideas flow, this is the art class for you.

Independent Art-Grades 10-12**0.5 credit/semester***Prerequisite: Drawing & Painting I AND Ceramics and Sculpture I AND Teacher Approval*

This course is for the student that wants to pursue a specific art medium during their own time. The student and teacher will put together a plan that lists what mediums and materials will be used, and what projects are due. The student will follow the plan unless they have spoken to the teacher about making alterations to their plan. This course is for those students who have had all the previous art classes except fibers.

The student will have to put together a portfolio of their work which can be used for future job references and for getting into an art college after high school. The student will gather their own images to use for the projects: online, magazines, books, and their own imagination will be used. If you are interested in pursuing a certain type of art: pottery, acrylic painting, watercolor painting, oil painting, charcoal drawing, plaster mold sculptures, this course gives you the opportunity.

Photography I-Grades 9-12**0.5 credit/semester**

This creative course introduces students to the process of creating and developing black and white photographs using a 35 mm camera and color photos with a digital camera. This course will assist students in making photos that showcase indoor and outdoor scenery, different angles, and thematic ideas. All students will find inspiration for their work by viewing several photographs throughout history and previous student work. While using digital cameras, students will experiment with different media computer programs that can edit or alter the subject matter. The course allows students to compose framed artwork using matte board and display them throughout the building.

Photography II-Grades 9-12**0.5 credit/semester***Prerequisite: Photography I*

This class shows students how to refine their photograph skills from Photography I to make complex statements about art and their world. Students will make digital and black/white photos using the professional equipment the department has to offer. Throughout the course students will study a specific photographer they can relate to and create original photos in a similar manner.

Yearbook/Web-Based Publications-Grades 9-12**1.0 credit/year***Instructor Approval*

This creative course introduces students to the process of creating and developing a school annual by developing students' ability to take photographs with digital cameras. Students will also explore the world of journalism by writing detailed articles, retrieving personal quotes, and designing thematic pages. Students will showcase their photographic abilities by taking photos of indoor and outdoor scenery, different angles, and action views. Students will be trained on how to operate a digital camera in order to take pictures. Using a web-based program, students will arrange their work into attractive page designs, all adding to the development of a student-created annual. Students on the yearbook staff will learn skills that can be included in a resume for any positions that involves desktop publishing and graphic arts. This course requires students to exhibit a great deal of responsibility, leadership and computer skills.

NOTE: Number II Art Classes will be held during the same hour as Number I class of the same subject if possible.

Agriculture Courses

(2017-18 is an *even* graduation year)

Animal Health and Veterinary Science-Grades 11-12

0.5 credit/semester

Prerequisite: Animal Science courses encouraged but not required

Considering a career in veterinary science? Or want to know how to better take care of your pets and livestock animals? Then this is the course for you! Expect to learn about the body systems of animals through many hands-on labs and experiences.

Dairy Management-Grades 9-12 (*Offered even graduation years*)

0.5 credit/semester

Prerequisite: Large Animal Science

This course involves those students interested in getting a closer look at one of Wisconsin's biggest industries-dairy management and production. This course will provide students with hands-on learning and open discussions about dairy cattle life cycles, production, and management, and everything from calving to cull. We will also look at milk quality as it pertains to product processing and developing. If you are interested in learning more about dairy cattle and products, this is the class for you! Students will discuss the extracurricular FFA activities that relate to this industry.

Equine (Horse) Science-Grades 9-12 (*Offered even graduation years*)

0.5 credit/semester

Prerequisite: Large Animal Science

If you have a passion for horses, this is the class for you. This course is designed to explore the world of horses. The students in this class will learn to appreciate how the horse has evolved and understand why the horse is so popular in today's society. Topics covered include feeding, equine activities, breeding/reproduction, and safety, judging, showing, diseases, unsoundness, vaccinations, breeds, behavior and facility management. FFA will be discussed as students can participate in extracurricular horse judging contests.

Food Science Exploration-Grades 9-12

0.5 credit/semester

Can you make a low calorie cookie that tastes just as good as the real thing? Ever wonder what is really in a Big Mac? Those are just a few examples of what a food scientist faces every day of their career. If you enjoy foods and are interested in how food is produced, preserved, and shipped to your local community, this is the place to get started. This course will take an in-depth look at how food is digested and how it can affect the body. Students will participate in hands-on labs that deal with canning, beef jerky making, drying fruits, venison processing (dehydrating, smoking, etc), food experiments, food safety, and food careers. We will perform labs that will demonstrate the proper handling of foods and the correct ways to prepare them. If you enjoy eating, or cooking, this is the class for you! Students will explore what FFA has to offer in the food science department.

Forestry-Grades 9-12 (*Offered even graduation years*)

0.5 credit/semester

Must love the outdoors! In this introductory forestry class, students will learn everything from tree growth principles to careers in the forestry industry. Other topics to be covered include silviculture and management practices, products, state and federal forestry programs, dendrology and forest regions. Students should expect many outside, hands-on labs and by the end of the course will be able to identify most common trees in the Midwest both during the summer and winter months.

Horticulture & Landscaping-Grades 9-12**0.5 credit/semester***(CVTC Transcribed credit opportunity)*

Whether you have a green thumb or not, this class is for you! In this course you will learn the parts of plants and how to grow them, being responsible for a portion of the greenhouse plants. Students will be involved in hands-on labs like keeping up with the school beds and court yard as well as learning about growing food, local horticulture and landscaping related businesses, wreath and bow making, floral arrangements, interiorscaping, greenhouse management, and property landscaping. You will also learn about the new innovative ways to produce a variety of plants through planting seeds and taking cuttings. Students will also learn about plant transplanting, Integrated Pest Management, pesticides and insects. FFA will be discussed as students can turn their love for plants into a valuable extracurricular experience.

Independent Agriculture/Work Study-Grade 11-12**0.5 credit/semester***(Teacher Approval)*

Any student who would like to continue their agriculture education at a higher level may take this course. Students will most likely be placed into the classroom while other classes are in session. Students will be expected to work independently to complete specific assignments that are agreed upon by the student and teacher.

Large Animal Science-Grades 9-12**0.5 credit/semester**

In this course we will cover the basic breeds and management of swine, beef cattle, dairy cattle, sheep, goats and horses. For each species you will learn how to handle and restrain the animals, judge them, proper feeding and nutrition and the careers that are available. This is a hands-on course that will tour local farm facilities and industry businesses. FFA will be discussed as students can turn their love for animals into a valuable extracurricular judging and showing experiences.

Leadership-Grades 9-12**0.5 credit/semester**

With an ever-increasing need for leaders within our school, community, state, and nation, we need you to be competent citizens who can make things happen. This class will teach you how to be the best leader that you can be. Topics covered, but not limited to, are team building, group dynamics, personality types, parliamentary procedure, resumes, portfolios, goals, peer pressure, and stress management. Students will work on leadership projects within the school including working with the junior high and elementary students to developing positive programs. Students will be encouraged to attend leadership conferences during the year. FFA Membership and Participation in the FFA Big Brother/Big Sister PALS Program are required for the semester.

Natural Resources-Grades 9-12**0.5 credit/semester***(Offered every odd graduation year)*

Whether you spend your weekends outdoors hunting or are concerned with the health of our environment, this is a course for you! Students will explore our natural resources including soil, water, energy, minerals, wildlife, and more! This course will help to develop the knowledge and skills to use our natural resources wisely. Other topics to be covered will include climate change, careers, and outdoor recreation.

Small Animal Science-Grades 9-12

0.5 credit/semester

If you are interested in small animals or a career in veterinary science, this is the class for you! You will be one of the few students in the school that has the privilege of working with and caring for animals like a ferret, hedgehog, guinea pig, and chinchilla, every day in school! In this course you will learn the ins and outs of many small animals including rabbits, cats, dogs, guinea pigs, mice, birds, gerbils, and even ferrets. Since the classroom has already become a domesticated version of a zoo, we may take a trip to a zoo, a humane society, a veterinary clinic and other small animal related businesses. Students will have the opportunity to bring in their own animals to share with the class. This is a course that is very fast-paced, hands-on based that gives every student a chance to excel in small animals.

Small Engines-Grades 9-12

0.5 credit/semester

Students will be required to work on a small, lawn-mower type engine for lab activity, supplied by the student or from farm community members. The small engine course is designed for students who are interested in learning about the operation of two-cycle and four-cycle engines. The emphasis of this course will be visual and hands-on with actual small engines. While the students will be working primarily with lawn mower sized engines, the theories learned and practices applied can be directly related to larger engines used in today's cars and tractors. Areas of focus will include: tear-down and re-assemble of a small engine, development of mechanical skills, basic operation theory of small and large engines, troubleshooting, adjustment, and repair of basic components and systems, and recognition and identification of specific parts and systems. Coursework is motorcycle repair and various line maintenance fields.

Welding I-Grades 10-12

0.5 credit/semester

This is a semester long class designed to introduce the student to the field of welding. Through hands-on activities, the student will discover and progressively hone skills using a variety of processes and equipment. Along with learning welding techniques, the student will learn about various metals, their properties and uses in industry. Students will not only discover welding to be a useful skill, but also learn of various career opportunities in the metal fabrication field. Students can expect to use the following equipment: SMAW or stick welding, GMAW or wire feed, TIG, Oxy/acetylene, spot welding, along with other secondary operations. Students can expect some independent projects.

Welding II-Grades 11-12

0.5 credit/semester

Prerequisite: Welding I

Welding II will be a class offered to students who have already passed Welding I. This class will be more project-based learning with the design, construction, and finishing of projects. The student can expect to apply many of the skills learned from Welding I. Grading for the course will be based largely upon effort and final quality of projects. **Students will need to purchase metal materials from the school for projects.**

11th and 12th grade students who take both Welding I and II, both in one year, may be eligible to receive transcribed credits from Chippewa Valley Technical College (CVTC). These credits may be transferrable to a 4-year post-secondary school.

Wildlife Management-Grades 9-12**0.5 credit/semester***(Offered ever odd graduation year)*

If you enjoy hunting, fishing or simply being outdoors with any form of wildlife this is the class for you! In this class you will learn why wildlife is an essential component in our daily living and environment. The first semester students will look into the topics like animal habitats, deer hunting, natural resources and alternative energies, outdoor recreation, and the anatomy and physiology of wild animals. The second semester students will learn about topics like forestry, taxidermy, tanning hides, environmental issues (pollution, recycling), and aquaculture. Ethics, regulations and citizen responsibilities will also be discussed in great detail. Trips for observation to the school forest and area businesses are essential to the learning process in a wildlife course. If you have an interest for the outdoors or learning about wild animals join the fun in Wildlife Management. FFA will be discussed as students can turn their interest in wildlife into a valuable extracurricular experience.

Work Release for Agriculture & Technology-Grade 12**0.5 credit/semester**

This work based learning experience is an on-the-job training program. With the help of the instructor, students are responsible for obtaining a work site that corresponds with the offerings through the Agriculture & Natural Resources Department. Students in this course will be responsible for completing weekly reports, following a training agreement, and completing employability assignments. Quarterly evaluations are provided by the employers to help students improve their work skill. Students are able to utilize up to 2 hours of the school day. Students completing this program are eligible to receive the following three State certifications: Youth Apprenticeship (related instruction is required for this certification), State Certified Co-op, or Employability Skills Certification.

Youth Options 2017/18 Distance Learning Course Offerings

In order to take any of these distance learning courses, you must be a junior or senior at GHS. You will also be required to sign a contract that stipulates that if you fail, or drop the course, you will be responsible for all costs. Other eligibility criteria for these course offerings will be determined by placement tests, ACT scores, career plans, prior core classes taken and prior grades earned.

Some of the more popular courses, for Gilman High School, include the following:

English 101-Grade 12 (Fall Semester)

0.5 GHS credit/3.0 college credit

Prerequisite(s): A grade of C or better in a basic writing course (ENG 097, ENG 098, or LEA 106 when taken as a three-credit course) or exemption through a sufficiently high placement assessment.

A composition course focusing on academic writing, the writing process, and critical reading. Emphasis will be on essays that incorporate readings.

English 102-Grade 12 (Spring Semester)

0.5 GHS credit/3.0 college credit

Prerequisite(s): A grade of C or better in ENG 101 Composition I or exemption through a sufficiently high placement assessment.

A composition course focusing on researched academic writing that presents information, ideas, and arguments. Emphasis will be on the writing process, critical thinking, and critical reading.

Introduction to Psychology-Grades 11-12 (Semester)

0.5 GHS credit/3.0 college credit

This introductory course in psychology is a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. It directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings. (Possible prerequisites may apply.)

Medical Terminology-Grades 11-12 (Semester)

0.5 GHS credit/3.0 college credit

Focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis is on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology. This course involves learning a new language and is relevant for any student interested in medicine or a medical profession. (Possible prerequisites may apply.)

Please note: Other independent opportunities including blended-learning, distance-learning and virtual options are offered depending on student schedule and availability. See Mrs. LaMarche for more details if you are interested in other educational choices.

Instructors and location of college credits may be subject to change for any and all distance learning courses. The number of college credits will remain the same.

All ITV course descriptions were adapted from CESA 10. Please see your School Counselor for more information.

More information about Youth Options can be found in the next section.

Youth Options Program

The Youth Options program allows all public high school juniors and seniors who meet certain requirements to take post-secondary courses at a Wisconsin technical college or institution of higher education. An institution of higher education (IHE) includes UW System institutions, tribally controlled colleges and private, nonprofit institutions.

The program opens the door to greater learning opportunities for students who are considering a technical career, students wishing to begin college early, or students who want to prepare to enter the workforce immediately after high school graduation.

The student does not have to pay for a post-secondary course if the school board determines the course **may receive high school credit and the course is not comparable to a course offered in the school district.** Under some circumstances a school board does have to pay for a comparable technical college course. (See payment of tuition and fees for more details). If approved by the school board, the student will receive both high school and post-secondary credit for a successfully completed course.

The high school will grant a diploma to a student who has successfully completed high school graduation standards, regardless of whether the requirements were met at the high school or a post-secondary institution.

Eligibility Student/Parent Responsibilities

Since all public high schools participate in the Youth Options program, all juniors and seniors in Wisconsin public schools who meet the program requirement are eligible. To qualify for the program, a student must:

- Have completed the 10th grade.
- To attend a technical college, be in good academic standing and have an acceptable disciplinary record.
- Apply to the post-secondary institution in the school semester prior to the one in which the student plans to attend the post-secondary course.
- Notify the school board (complete form PI-8700A) of the student's intention of enrolling in a post-secondary institution no later than March 1 for a course to be taken in the fall semester; October 1 for a course to be taken in the spring semester.
- Notify the school board if the student is admitted to the post-secondary institution.
- Notify the school board if the student is registered to attend a post-secondary course.

A parent or guardian is responsible for satisfactory student attendance and the student's compliance with the compulsory school attendance law under s. 118.15(1) (a), Stats.

Children with a Disability

Students with a disability are encouraged to participate in the Youth Options program. The school board may, however, refuse to permit a student with disability to attend a technical college if the cost would impose an undue financial burden on the school district.

Needed Forms

A program plan and report form (PI-8700A) used to notify the school board of a student's intent to participate in the program may be obtained from your school district, the DPI, or the web address provided below. Application forms for admission to a post-secondary institution may be obtained online or from the post-secondary institution.

Payment of Tuition and Fees

- The school board must pay an IHE for any course that is taken for high school credit and that is not comparable to a course offered in the school district.
- The school board must pay a technical college for any course that is taken for high school credit. If the student takes 10 or more credits per semester at the technical college, the school district would be responsible for payment for comparable courses for one-half the total number of credits taken, but no more than 6 credits.
- A student must pay for any post-secondary course taken at a technical college that is comparable to a course offered at the school district if the student is taking less than 10 post-secondary credits during any semester.
- A student must pay for any post-secondary course taken at an IHE that is comparable to a course offered at the school district.
- A student must pay for a post-secondary course that is not used for high school credit.
- A student must pay for incidental college fees (such as for a parking permit) and for equipment, tools and supplies that will become the property of the student unless the school board agrees to loan such equipment to the pupil.

Determining High School Credit/Comparability

The school board shall determine whether a post-secondary course is eligible for high school credit, how much high school credit may be awarded, and whether the course is comparable to a course offered at the school district.

Appeals

A student may appeal a school board's decision regarding awarding of high school credit/comparability of a post-secondary course to the state superintendent within 30 days.

Transportation

Parents or students are responsible for transportation between the school and the post-secondary institution. Transportation assistance is available from the DPI for low-income parents (eligible for free/reduced lunch under the federal school lunch program). Transportation costs may only be reimbursed if the student is taking a post-secondary course for high school credit. A claim for transportation reimbursement form (PI-8701) is available from your school, the DPI, or the web address provided below and must be submitted to the DPI no later than 30 days after the end of the school semester to which the claim pertains.

A student is required, to the extent possible, to use public transportation or a vehicle owned by his or her family.

Frequently Asked Questions

Q. Can my high school refuse to participate in the Youth Options Program?

A. No. The law requires all public high schools to participate.

Q. Does the program apply to courses offered during evenings or weekends?

A. Yes. A student may take a post-secondary course during or after regular school hours as long as the course is offered during the high school's regular academic year (i.e. not during the summer session).

Q. Can a student attend a post-secondary institution in lieu of high school?

A. Yes. If the post-secondary institution offers all of the courses a student needs in order to meet his or her high school graduation requirements, he or she could attend the post-secondary school full-time.

Q. How many post-secondary semester credits equal one high school credit?

A. Three or four, depending upon the rigor of the post-secondary course.

For Information, Please Contact:

Your high school counselor, local college admissions representative, or call:

Kevin Miller (608)267-3161 or Ann Westrich (608)261-4588

kevin.miller@dpi.wi.gov or ann.westrich@wtcsystem.edu

Additional information, including forms, answers to common questions, timelines, contact persons, the administrative rules, etc. is available at <http://dpi.wi.gov/youthoptions>

Chippewa Valley Technical College Transcribed Credit

Transcribed credit courses are CVTC courses that are taught in the high school by certified high school teachers using the technical college competencies and grading scale. Students who choose to enroll in a transcribed credit course will earn both high school and college credit.

-There is no cost to take transcribed credit courses.

-Transcribed credits earned are CVTC credits and will appear on an official CVTC transcript. Course credits are transferable to any WI technical college as well as several other colleges and universities.

(Transcribed credit information was adopted from CVTC)

Chippewa Valley Technical College Welding Academy

This academy is designed to provide basic skill levels for entry-level employment in the area of production welding. Students will learn welding safety, basic welding math, welding print reading, and wire feed processes. Completion of this academy will lead into CVTC one-year welding technical diploma program. This semester-long opportunity is available to seniors only and is located at Cadott High School.

(CVTC Welding Academy information was adopted from CVTC)

Advanced Standing Credit Agreements Between Gilman High School and Chippewa Valley Technical College

Request for Advanced Standing Credit

Through agreements between your high school and Chippewa Valley Technical College, students may receive advanced standing credit for certain college courses from competencies that you have learned in high school. The following must be met before advanced standing credit is granted.

1. You must apply for, and be accepted into a CVTC program.
2. You must earn a "B" grade or higher in all high school courses for which you are requesting advanced standing at CVTC.
3. You must apply to CVTC within 27 months of graduation to be able to receive advanced standing credit.
4. No testing and no fees will be required for advanced standing credit awarded at CVTC.
5. Check with the principal or counselor if unsure which courses must be taken to receive advanced standing credit.
6. Students must complete a form available online at www.cvtc.edu and submit it to the CVTC Admissions Office.

Financial Aid

Q. WHAT CAN THE STUDENT DO?

A. Since students are the ones who gain many benefits from higher education, they should assume at least part of the responsibility for paying the expenses. They can do this by saving, working, and borrowing: they can also control expenses to a considerable extent by carefully selecting a school or college. Estimates of college costs, by college, are available through web searches. If you need help finding this information contact your guidance counselor.

Q. WHAT IS EXPECTED OF PARENTS?

A. A student's most important source of financial aid and help is parents. Recent studies indicate that most parents have only a vague idea of how much they should pay toward their son or daughter's educational expenses. Some parents do not wish to provide as much as their financial circumstances indicate they should. Schools are eager to help parents meet educational expenses, but they expect each family to pay as much as it can reasonably afford and at least as much as families in similar circumstance. They expect a family to draw on both its current income and its accumulated assets.

Q. HOW IS FINANCIAL AID DETERMINED AND ADMINISTERED?

A. All financial aid today is based on one factor, financial need. The only exceptions to this are some industry, union, church, or other organizational scholarships. All government related aid however is determined from the Free Application for Federal Student Aid form, (FAFSA). A detailed financial statement of the parents and the student is filled out online. Once the form is processed the student will receive a Student Aid Report (SAR) and the school(s) the student selects will receive a copy of the same report. The student should keep a copy of all materials sent and received.

The institution, based on the information from these forms, determines the amount of financial aid a student will receive and then sends the student an Award Letter. The amount of a grant is based upon the difference between what the student and his/her parents can contribute, and the cost of attending the particular institution to which the student is applying.

Because of the need to help more students, and because of the requirements of federal programs, an increasing number of colleges and technical schools now "package" aid -- offering a combination of grants of gifts, campus jobs (work study), and loans. How much of the package is grant (gift) depends on each college or technical school's available funds, the number of students it is trying to help, and its own financial aid policies.

All of these forms are at no cost to the parent or student. Some institutions may require more detailed reports of the family financial statement beyond what is required on the FAFSA, so that a student is eligible for that institutions local aids and scholarships. **Remember, you should never have to pay to fill out the FAFSA. This is a free process, and if you complete the FAFSA on-line and see there is a fee, you are on the wrong website. You should be using the www.fafsa.ed.gov website.**

Q. HOW AND WHEN TO APPLY FOR FINANCIAL AID?

A. Using the website listed above, you should start the process as early as possible during the student's senior year. Normally, you will want your tax work done from the prior year, but it is recommended to try and complete the FAFSA online in February if at all possible. Some schools are now listing an early-mid March priority deadline. The advantage of meeting the prospective school's deadline will help the student qualify for the funds available if they are eligible. If you file after the deadline, you still may receive aid, but run the risk of not receiving everything you might have originally qualified for.

Once a school determines the aid package, they will offer the student an award letter. This may arrive in the mail, or the student may be directed to view this through e-mail or on the school's website. Students must notify the financial aid office at the school they plan to attend, or target the specifics on-line, as to the specific aid the student will accept.

If you have questions about the procedures in applying for financial aid, the guidance counselor will assist you. Specific questions concerning the aid package or errors in the original FAFSA should be directed to the financial aid office of the post-secondary school the student plans to attend.

Q. CAN I AFFORD TO GO TO SCHOOL?

A. Jobs, the economy and post-secondary costs can be a burden on attending further education. Regardless of your financial situation, it is possible for you to go on to school. You will need to explore all avenues; earned income, scholarship opportunities, work study, grants and loans. The increased satisfaction and increased earning power you will gain by further schooling will usually make the sacrifices of loans for school worthwhile, but make sure you study the job market as well in the process.

Q. WHAT ABOUT SCHOLARSHIPS?

A. Some scholarships are available. Most scholarships have specific requirements that must be met before a student receives any money. Students may have to write an essay and compete for the money, they may have to attend a certain school, they may have to enter a certain field, they may have to belong to certain organizations, or there could be several other requirements.

The Gilman High School Scholarship Committee Policy: To be considered for local scholarships, where the committee determines the recipients, you must have a copy of your post-secondary acceptance letter on file in the high school counseling office. For local scholarships that we pay out, students must attend a post-secondary school the Fall Semester after they graduate from high school. Upon showing proof of successful completion of the first semester (which means passing 12 credit hours), and proof of second semester enrollment, the student will then be awarded the scholarship monies they have been selected for. Exceptions to this would be for students who enter technical school, are placed on a waiting list or whose program does not start until the January term.

In this case the student must show proof their start was delayed because of the waiting list, and then follow the procedures listed above after they begin their actual program. The counseling office can verify most technical college programs that do not start until the January term, and at times verify a student was placed on a waiting list through a copy of the acceptance letter. The committee will consider exceptions for students who enroll in an overload category at technical college because of being placed on a waiting list, or for those who enroll in summer school classes that lead toward their respective degrees. Successful completion of the summer session would then be considered as the first semester, and proof of enrollment for the fall semester would then be required in this instance. This procedure will also be followed for other outside scholarships that we are requested to use our criteria for.

The counseling office keeps a listing of scholarships along with application requirements for the scholarships. Seniors should check the scholarship list on our school website or posted in the guidance office several times during the year to see if they qualify for any of them. **SENIORS ARE RESPONSIBLE FOR APPLYING FOR SCHOLARSHIPS AND SHOULD MAKE EVERY EFFORT TO APPLY.**

Q. WHAT IS THE ACADEMIC EXCELLENCE HIGHER EDUCATION SCHOLARSHIP?

A. This scholarship is a state supported program administered by the Higher Educational Aids Board (HEAB) that awards up to \$2,250.00 per year (8 semesters) toward tuition and fees for the recipient attending a participating Wisconsin public, private, or technical college. The recipient from Gilman High

School will be the senior with the highest grade point average from all subjects used to determine G.P.A. at G.H.S. in the first seven semesters of high school. To be considered a senior, the student must have accumulated a minimum of 17 earned credits and completed grades 9, 10 & 11. The recipient must also have been enrolled in attendance at Gilman High School the two full semesters prior to the end of the seventh semester.

Students are reminded that the following unweighted grading system is used to determine G.P.A. A/A+=4.00, A-=3.67, B+=3.33, B=3.00, B-=2.67, C+=2.33, C=2.00, C-=1.67, D+=1.33, D=1.00, D-=.67, & F=0.00. Any class that issues a pass/fail grade is not included in a student's G.P.A. and, therefore, is not considered in the process for figuring rank and G.P.A. toward this scholarship or valedictorian/salutatorian status. Also, driver's education is not included in the G.P.A. process.

The recipient must begin using the award by September 30 of the year in which the award was made. If the recipient chooses to attend an out-of-state or non-participating school, the award will be passed to the next student in line provided that student has a cumulative GPA of 3.8 or higher. If there is a tie for the top position after seven semesters, the tie is broken according to School Board Policy J11. Provided the recipient maintains at least a 3.0 grade point average at the post-secondary level, an makes satisfactory progress toward a degree, the scholarship may be renewed for up to four years at a Wisconsin college or university, and for up to three years at a vocational/technical school.

Seniors are reminded that the valedictorian or salutatorian of their particular class is also determined at the end of seven semesters. Re-ranking will be done at the end of eight semesters, but will not change the valedictorian/salutatorian status. The new ranking will be placed on your permanent transcript. Final class rank is based on the grade point average of a student's academic classes used to determine class rank/honor roll that the student has taken through eight semester of high school and any high school classes offered in eighth grade.

Q. WHAT IS THE TECHNICAL EXCELLENCE SCHOLARSHIP?

A. This scholarship is a state supported program administered by the Higher Educational Aids Board (HEAB) that awards up to \$2,250.00 per year (6 semesters) toward tuition and fees for the recipient attending a participating Wisconsin technical college. One Gilman High School senior will receive this scholarship based on the HEAB recommended ranking system, which considers the number of Career and Technical Education (CTE) courses taken in high school and years of membership in CTE school organizations.

Special Forms of Financial Available

Children of Veterans

A federal program of monthly benefits is available to dependents of veterans with 100% service related disability or of deceased veterans. For more information you should contact the County Veteran's Service Office at the Court House.

Reserved Officers Training Corps (ROTC) Programs

Detailed information on ROTC scholarships is available in the counseling office.

Vocational Rehabilitation

The purpose of the program is to provide training and services for physically or mentally handicapped persons. If you are enrolled in an educational program, you can receive aid to pay for your books, fees, and tuition. You may also receive assistance in purchasing tools and equipment necessary for a job. You are

eligible for aid under the Vocational Rehabilitation Program if you have a physical or mental disability that interferes with your vocational goals. If you think you might qualify, contact your high school counselor who will contact a vocational rehabilitation counselor.

Minnesota-Wisconsin Interstate Compact (Reciprocity)

Under the program students from Wisconsin may attend Minnesota public collegiate and vocational institutions on the same basis for admission and tuition proposed as Minnesota residents. More information may be obtained from the guidance office. Reciprocity is not in effect for graduates pursuing a Master's Degree in Veterinary medicine.

Talent Incentive Program (TIP)

The major function of the TIP program is to provide supplemental grants to very needy students. To apply the student must complete the FAFSA form plus a WI Educational Opportunity Program Intake form. The WEOP forms are available in the guidance office.

Guaranteed Student Loans

The Stafford loan program through the federal government provides students with loans to pursue their education. The Private Lender loan is available at banks, credit unions, and savings and loans associations. The conditions and the amounts of the loans vary from year to year.