Middle School / High School

Course Offerings

The Drummond Area School District does not discriminate on the basis of race, color, religion, national origin, ancestry, creed, pregnancy, marital status, parental status, sexual orientation, sex, including transgender status, change of sex or gender identity, disability, age (except as authorized by law), military status or physical, mental, emotional, or learning disability in any of its student programs, activities, or employment practices. It is the policy of the Drummond Area School District that no person may be denied admission to any public school in this district or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extra-curricular, pupil service, recreational or other program or activity because of the person's sex, race, color, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability or handicap as required by s. 118.13 Wis. Stats. This policy also prohibits discrimination as defined by Title IX of the Education Amendments of 1972 (sex), Title VI of the Civil Rights Act of 1964 (race, color, and national origin), and Section 504 of the Rehabilitation Act of 1973 (disability), and the Americans with Disabilities Act of 1990. All inquiries or complaints regarding the discrimination under state or federal law shall be directed to the Office of the Superintendent, Drummond Area School District, PO Box 40, 52440 Eastern Avenue, Drummond, WI 54832 at (715) 739-6669, ext. 100.

Revised April 2018

Graduation Requirements

Subject	Credits
English	4
Math	3
Science	3
Social Studies	3
Physical Education	1.5
Health	.5
Business Computer Apps.	.5
Personal Finance	.5
Total Required Credits	16
Total Elective Credits	8
Total Credits Required for Graduation	**24**

Sample Schedules
The following is a sample four-year schedule at Drummond High School. All courses marked with an asterisk (*) are required course to be taken during that year. The remaining courses are electives, which should be selected based on your interest and career goals. If a required course is failed, it will be need to be repeated in order to graduate.

Freshmen
English*
Math*
PE 9*
IPS*
Civics*
Business Computer Apps.*
2 credits of electives

Sophomores
English*
Math*
PE 10*
Biology 1*
US History 10*
Health*
2 credits of electives

Juniors
English*
Mod. US History (*junior or senior year)
Social Studies elective (*junior or senior yr)
PE 11 (junior or senior)
Health (if necessary)
Science*
Math*
Personal Finance (*junior or senior year)

Seniors
English*
Mod. US History (*junior or senior year)
Social Studies elective (*junior or senior yr)
Math (strongly rec. for college bound students)
Science (strongly rec. for college bound students)
Personal Finance (*junior or senior year)

Scheduling Procedures

Course Availability- We will try to schedule all the courses selected by a student; however, the following may affect a student's final schedule:

- If a course is not requested by a sufficient number of students, that course will not be offered. If this situation occurs the affected students will meet with the guidance counselor to schedule an alternative course.
- If a student chooses a course that has a prerequisite and the student's final grade in the prerequisite course is not adequate, the student's schedule will be adjusted accordingly.

- If two selected courses are offered at the same time, the student can only be scheduled into one of them. Every attempt will be made to use one of the student's alternative selections to replace the unscheduled course.

Students will be scheduled in a descending order with 12th graders scheduled first, 11th graders next, etc. This is done to ensure that students closest to graduation meet their graduation requirements.

Students should discuss and plan their schedule with their parents. Parents should assure their student's planned schedule reflects courses needed for graduation and post-secondary educational plans. A parent signature is required on course request sheets before classes will be officially scheduled.

It is recommended that each student schedule a conference with the guidance counselor during the second semester of the junior year to ensure proper registration for all the courses needed to meet any remaining graduation requirements.

Scheduling Change Procedures

No schedule changes will be made to accommodate requests for specific teachers or periods. Students have 5 days from the start of the semester to drop a course for a study hall. Courses dropped after 5 days will be given a W/F for a semester grade. Only semester long courses can be dropped at the beginning of second semester.

Repeating a Course- Students may repeat a course due to failure or to meet class prerequisites. Although credit will not be awarded twice for the same class, the better of the two grades will appear on the student's transcript. The lesser of the grades will not affect the student's GPA. If a student repeats a failed course, both grades will remain on the transcript.

Course Load- The minimum course load per semester will be six courses. Course loads of less than the minimum will be approved on a case-by-case basis.

Credit Earned- All credit is awarded on a semester basis. Students who enroll in a year long course are required to complete the entire year. Students cannot sign up for only one semester of a full year course unless they are repeating due to failure.

Early Graduation- The opportunity for early graduation is provided for students. Seniors must apply for early graduation before December 1st, which, if approved by the principal and school board, allows for non-attendance in the eighth semester of high school. A written request must be made to the principal, stating reasons for the request for early completion. Students graduating early must meet all graduation requirements by the end of the first semester of their senior year. Students who apply for and receive early graduation are no longer students at Drummond High School and may not participate as such in activities. They may walk with the class at graduation.

Grade Point Average- A student's grade point average (GPA) is calculated each quarter on the basis of grades received from all the courses in which the student is enrolled, but only semester grades are included in transcripts as part of a student's permanent school record. The GPA is used to determine class rank, college and university admission, and academic eligibility for extracurricular and co-curricular activities.

Fiber Optic Courses- Students wishing to take a Fiber Optic course must get principal and counselor approval before the course will be scheduled. A minimum G.P.A. of 3.0, or administrative approval is needed in order to take courses.

OnLine Courses – Students wishing to take online courses must get principal and counselor approval before enrolling. See counselor for eligibility criteria.

College Preparatory Course Requirements

The following high school subjects are typically required of freshmen entering 2- and 4-year public universities. It is strongly recommended that students take courses to meet these requirements. Students who have not taken the required subjects but wish to enter a baccalaureate degree program *may* be admitted to public colleges and universities on a provisional basis. Individual schools may have other subject requirements as well as requirements involving test scores and grade point averages. Fundamental level courses may not meet college entrance requirements. Applicants should contact each college or university individually or talk to the guidance counselor for details about all of its requirements.

All UW System institutions require a **minimum** of 17 college preparatory credits from coursework completed in high school. College preparatory credits should be distributed as follows.

4 English Credits: Accepted English courses are in composition, literature and rhetoric. Several campuses require at least three credits in composition and literature. Most regular and advanced English courses are accepted. Courses not accepted tend to be those emphasizing applied skills, performance and technical production. (English 3 and English 4 may not be accepted as college preparatory English courses).

3 Mathematics Credits: Algebra, geometry and other mathematics courses requiring algebra or geometry as prerequisites are accepted. Courses are typically not accepted if they're taught prior to first-year algebra, do not have algebra or geometry as a prerequisite or are computer classes.

3 Natural Science Credits: Courses accepted in natural science include biology, chemistry and physics. These courses emphasize theory and usually have a significant laboratory component. Other science courses often include astronomy, geology, and earth science.

3 Social Science Credits: Courses accepted in social science include theoretical study of culture, history, political science, economics, and human behavior and societies (such as psychology and sociology). Courses in applied social science are not accepted.

4 Elective Credits: Electives may be chosen from English, mathematics, natural science or social science, foreign language, fine arts, computer science and other academic areas. Some campuses may accept technical and career courses for a portion of these credits. A minimum of two credits in a single foreign language is required for admission to UW-Eau Claire and UW-Madison, and may help meet graduation requirements at other UW System campuses.

Early College Credit Program

High school students have an opportunity to enroll at an institution of higher education in Wisconsin and take courses that may lead to credit granted toward high school graduation/college credit. A student interested MUST see the guidance counselor.

-Allows High school students to enroll in one or more nonsectarian courses at a UW campus or center, a VTAE college, or price, nonprofit college located in the state. Limited to 18 credits.

-Provides admittance be contingent on meeting entrance requirements and the availability of space by the Institute of Higher Education.

-Requires the school district to determine whether the course satisfies state graduation requirements, and what, if any high school credits are to be awarded to the pupil.

-Requires a pupil application and notification process so that the school district planning and reporting may take place. Applications for enrollment for obtaining high school credit courses must be made through the counselor, as there are specific timelines for each Institute of Higher Education.

Eligibility

-The student must be in high school as determined by the school board.

-The student notifies the Board of his/her intent to attend a technical college in accordance with the timelines established in state law; and

-The student is not a child at risk as defined in state law.

Art - High School

Art I, II, III & IV

Grades 9-10-11-12 Elective Semester

(Students will select one media to concentrate in for the semester in addition to weekly assignments, which are based on drawing, elements and principles of design.)

Painting: Introduction to materials and techniques used in oil painting and acrylic painting. Proper use of tools, canvas preparation, application of paint to canvas, blending of colors, mixing of colors. Experimenting with different styles of painting, technique and applications to develop individual style. Painting landscapes, wildlife, using different media, oils, acrylic, watercolor, or airbrush.

Printmaking: relief-printing process with linoleum and wood block printing. Silk-screening, using various types of block out stencils.

Pottery: hand-built pottery, pinch, coil, slab, combination pots, and glaze application. Wheel thrown pottery, glaze chemistry.

Drawing: Drawing basics and experimental drawing, use of a variety of drawing media.

Sculpture: working in 3-D with various materials, clay, wood, metal, paper, etc.

Crafts and textiles: exploring crafts; batik, macramé, tie and dye, metal enamels.

Special interest: extended work in one of the above media. Painting, Drawing, Pottery, Printmaking, Crafts, Sculpture.

Art - Middle School

Grade 8 Quarter

Students will be exploring the following areas of art: drawing, elements and principles of design, pottery, copper foil, stained glass, acrylic painting, sculpture, and art history.

Grade 7 Quarter

Students will be exploring the following areas of art: drawing, elements and principles of design, pottery, mask making, acrylic painting, and art history.

Business Education

High School Courses

Accounting I
Grades 10-11-12 Elective Semester
(No Prerequisite)

This course provides an understanding of the basic elements and concepts of double entry accounting systems. Activities include the accounting equation, the accounting cycle, entering transactions in journals, posting to ledgers, end of period statements and reports, payroll systems, banking activities, and taxes. Types of businesses covered include: proprietorships and corporations.

Accounting II
Grades 10-11-12 Elective Semester
(Prerequisite: Accounting I)

This course provides an understanding of the basic elements and concepts of double entry accounting systems. Activities include the accounting equation, the accounting cycle, entering transactions in journals, posting to ledgers, end of period statements and reports, payroll systems, banking activities, taxes, uncollectible accounts, depreciation, accruals, dividends, inventories, and notes and interest. Types of businesses covered include: corporations and partnerships.

Business Computer Applications
Grade 9 Graduation Requirement Semester
(No Prerequisite)

This course will further develop keyboarding skills. Learning should be continued in the areas of proofreading, composition, and skill building speed and accuracy. This course will introduce Microsoft Excel and introduce Microsoft PowerPoint.
WITC Articulation agreement: 1 Credit Excel A and 1 Credit PowerPoint

Business Law
Grades 10-11-12 Elective Semester

Business Law is a Semester course designed to provide students with a solid foundation in understanding the legal issues related to topics of Business Law and Personal Law. Areas of study will include foundations of Law, the court system and trial procedures, criminal law, tort law, contract law, consumer law, workplace law, and business organization.
WITC Articulation agreement: 3 Credit Business Law

Business English
Grades 10-11-12 Elective Semester

Business English is a Semester course designed to prepare students for workplace communications. Areas of study will include letter and memo writing, E-Mail, vocabulary, grammar, proofreading, and punctuation and capitalization rules.

Microcomputer Applications
Grades 9-10-11-12 Elective Semester
(Prerequisite C or better in Business Computer Apps.)

This course will provide exploration into presentation software, web-page design, video production, photoshop, and robotics. The use of digital cameras will also be provided.

Personal Finance
Grades 11-12 Graduation Requirement Semester
(No Prerequisite)

This course will develop students' abilities to make personal decisions in the areas of record keeping, insurance, taxes, real estate, transportation, and financial institutions and services. Students also increase their understanding of American business, economic concepts, marketing, limited resources, and available consumer protections.
WITC Articulation agreement: 3 Credit Personal Finance

School-to-Work
Grades 11-12 Elective Semester

School-to-Work is an elective program, which is offered to students of junior and/or senior status who have a minimum of 11 credits towards graduation. Individuals must be enrolled in and passing at least 5 credits. Students have the opportunity to earn 0.5 credits per semester of completion of the course, with a possibility of earning a maximum of 3 credits before graduation. **(180 hours of work = 1 credit)** The students will learn skills needed in the workforce such as writing a resume & cover letter, doing a job search, filling out a job application form and others. The program also teaches employment skills through job placements on campus with teachers, cooks, custodians, and other school staff members. As a senior, work sites outside of the school are possible for a portion of the school day. **Guidance counselor and Principal approval needed.**

Business Education

Middle School Courses

Keyboarding
7th Grade Quarter

This is a six week course to further develop keyboarding skills. Learning should be continued in the areas of proofreading, composition, and skill building speed and accuracy. This course will introduce the Microsoft Word program. Students will also learn to operate the 10-key number pad.

Keyboarding
8th Grade Quarter

This a quarter course to further develop keyboarding skills. Learning should be continued in the areas of proofreading, composition, and skill building speed and accuracy. This course will continue development in the use of the Microsoft Word program.

Language Arts

English 1
Grade 9 Graduation Requirement Year
(Prerequisite: none)

The first of four credits in High School English, the students will build upon the skills learned in Middle School: interpret literature and create like works; study vocabulary, including word roots, prefixes suffixes, and spelling; oral and written language for communication; creative writing, poems, essays (expository, persuasive, narrative, and descriptive), and an autobiography; and speech, (Persuasive)

English 2
Grade 10
(Prerequisite: English 1)

The English 2 curriculum will consist of further development of all language arts skills: reading, writing, speaking, and listening. The will be focused on interpersonal communications, including presentation of speeches and oral readings as well as the study of drama as literature. Students will also work on the study of various genres of literature, including, short stories, novels, essays, and poetry. Writing will include personal, expository, and analytical writing, as well as a research paper. Emphasis will be placed on writing as a process. Vocabulary, grammar, and language usage skills will be further developed.

American Literature 1

Grades 11-12 Optional Graduation Requirement Semester
(Prerequisites: 2 credits of English with A/B Grades)

The focus of American Literature 1 is from early Native American through the Revolutionary Period (short stories, essays, poetry, drama and novels). Writing will include personal and analytical writing, with emphasis placed on writing as a process. Vocabulary, grammar and language usage skills will be further developed.

American Literature 2

Grades 11-12 Optional Graduation Requirement Semester
(Prerequisites: 2 credits of English with A/B Grades. Two teacher references.)

The focus of American Literature 2 is from the early American frontier through the Twentieth Century (short stories, essays, poetry, drama and novels). Writing will include personal and analytical writing as well as a formal research paper with emphasis placed on writing as a process. Vocabulary, grammar and language usage skills will be further developed.

English 3

Grades 11-12 Semester/Year
(Prerequisites: 2 credits of English)

English 3 is a two-semester elective. The students will continue to build upon the skills learned in previous English courses: interpret literature, study vocabulary, and focus on spoken and written language in the personal and professional setting. The class will include creative writing, poems, essays (persuasive, narrative and expository) and speech (informative and persuasive)

College English

Grade 12 Optional Graduation Requirement Year
(Prerequisite: 3 credits of English w/A/B grades

- Summer reading required.
- Two teacher references

College English is a course designed for seniors who plan to attend a four-year college.
Literature includes classics from British, American, and World literature (novels, plays, short stories, essays, and poetry) with emphasis on critical review and analysis. Extensive written assignments include journals, personal essays for a variety of purposes and audiences, analytical writing, and research, all with an emphasis on the writing process.
Formal grammar and language usage will be extensively reviewed.

English 4
Grade 12 Optional Graduation Requirement Year
(Prerequisites: 3 credits of English)

English 4 is a class designed for students whose post high school plans includes entering the workforce, enlisting in the military, or attending a technical college. The main objective is to build upon both written and oral communication skills as well as critical thinking skills. Writing assignments include analytical and personal writing for a variety of audiences and purposes. Emphasis will be placed on writing as a process. Vocabulary, grammar, and language usage skills will be further developed.

Language Arts

Middle School

English/Language Arts
Grades 7 - 8 Required Year

This course covers the four basic areas of language: reading, listening, speaking, and writing. This includes: building skills in grammar and mechanics, creative writing, exploring the writing process, persuasive and essay writing, speech, building spelling and vocabulary knowledge, reading various forms of fiction and nonfiction, and developing critical and abstract thinking skills. Grades consist of scores from tests, quizzes, notes, and written assignments, and projects.

Health Education

Health
Grade 10 Required Semester

The philosophy of the health education program is for students to develop critical skills for daily living while preparing individuals for a healthy lifestyle both presently and in the future. Courses cover a variety of topics related to the comprehensive content areas of wellness, such as fitness, nutrition, human sexuality, drugs, environmental health, safety, personality, and others.

Middle School Health
Grades 7 - 8 Required Quarter

This course reinforces the concepts of healthy living and wellness through science investigations and interactions within the classroom. Students will work through units on family and social health, growth and development, nutrition, personal health and physical activity, the science of alcohol, tobacco, and other drugs, communicable and chronic diseases, consumer and community health/science and environment science and health connections.

Mathematics

Pre-Algebra
Grades 8 - 12 Optional/Required Year

This course provides the students with a yearlong study of pre-algebra topics. Students will study the fundamentals of arithmetic using whole numbers, fractions, decimals, mixed numbers, and signed numbers. Word problems are practiced everyday. Also included are solving equations with one unknown, order of operations, proportions, ratios, scientific notation, exponents, roots, unit conversions, the evaluation and simplification of elementary algebra expressions, and the geometry skills of calculating perimeter, area, volume and surface area.

Algebra 1
Grades 8 –12 Optional/Required Year
Prerequisite: Pre-Algebra with a C or better (8^{th} grade students need a B or better) and/or teacher recommendation.

This course provides the students with the first year study of Algebra. Specific topics include arithmetic and evaluation of signed numbers, exponents and roots, properties of real numbers, absolute value, scientific notation, unit conversions, solution of one equation and two equations, factoring quadratic equations, polynomials and rational expressions, word problems that require algebra for the solution, graphing, Pythagorean Theorem, perimeter, area, surface area, and volume. Upon successful completion of this course, you will be ready to take Algebra 2 with confidence.

Algebra 2
Grades 9-12 Optional/Required Year
Prerequisite: Algebra 1 with C or better and / or teacher recommendation.

This course will offer many applications of Algebra 1, like ratio word problems, uniform motion problems, and graphical solutions for systems of equations. It will also involve applied geometry concepts throughout the book. New concepts like Polar coordinates, Gas Laws and Conic section equations will also be studied. This is a needed course for Pre Calculus and is generally required to get into most colleges.

Geometry
Grades 10-12 Elective Year
Prerequisite: Algebra 2 or teacher recommendation.

This course will offer a student the opportunity to study Geometry using the "Inductive" approach. It is primarily self-taught as it provides the students with an inductive approach to the learning of Plane Geometry. Students will use the tools of geometry to perform geometric investigations, which will lead to their forming conjectures about geometric concepts. Students will keep a portfolio of their investigations. This course will also apply area and volume concepts.

Pre Calculus

Grades 11-12 Optional/Required Year

Prerequisite: Algebra 2 with a B or better or teacher recommendation.

This course provides the students with a full academic year of work in the pre calculus skills of advanced algebra, trigonometry, and geometry. Topics included are word problems that require systems of equations, logarithms, right triangle trigonometry, trigonometric identities, inverse trigonometric functions, conic sections, equations and graphs of polynomial, rational, exponential, trigonometric, and other functions, permutations and combinations, rectangular and polar representation of vectors and complex numbers, matrices and determinants, geometric calculations, constructions, and proofs, and the binomial theorem. Upon successful completion of this course, you will be ready to take Calculus with confidence.

Calculus

Grade 12 Elective Year

Prerequisite: Pre calculus with a B or better or teacher recommendation

This course provides the students with a full academic year of work in Calculus comparable to a college course. Calculus is the mathematical analysis of movement and change. The course covers four broad topics: functions, graphs and limits, derivatives, and integrals. Calculus is the student's big leap after algebra, introducing Leibniz's long lazy S, the integral sign. It's the jungle gym of the mathematically swift and supple, the quicksand of numerophobes without number. More important, it's the arithmetic in all the arcs of astronomy, and artillery, too. After completing this course, you should be able to take college calculus with confidence.

Applied Math 1

Optional/Required Year

Prerequisite: 8th grade math with teacher recommendation

This course is designed to teach basic math skill building and problem solving in whole numbers, decimals, fractions, tables, charts, graphs, measurement, ratio, proportion, and percent. After completing this course, you should be prepared to take Tech Math 1.

Applied Math 2

Optional/Required Year

Prerequisite: Applied Math 1 or Algebra 1/2

This is a yearlong course that covers a vast array of topics that are applicable to post high school everyday math concepts. Some of the topics covered include wage and salary calculations, budgeting money, buying and maintaining insurance coverage, buying and maintaining an automobile, food preparation, home improvements, planning trips, banking and investing, paying taxes, and preparing for careers. This course covers the basic math operations needed to be successful for topics covered. Students must be at least a sophomore to be enrolled, and must be pre-approved by instructor for admittance.

Applied Math 3

Optional/Required Year

Prerequisite: Applied Math 1, Applied Math 2 or teacher recommendation.

This course provides the students with math relevant for students in transition from school to career. Students improve their computational skills by applying them to real life experiences and a meaningful context for learning. Topics include counting calories, home improvement, using mathematics in sports, games of chance, adjusting recipes, math and crafts, fractions in the home, spending money, earning money, traveling, watching the clock, baseball statistics, using percent, working with interest, insurance, lawn care and using energy. Students will also be presented with an introduction to algebra topic.

MUSIC

High School Choir

Grades 9-12 Elective Year

Students will prepare and present a variety of choral works throughout the year. Emphasis is placed on learning the proper techniques of tone production, developing singing ranges and musical literacy, and performance. Students will present at least one concert per semester. An audition to determine the student's ability and understanding may be required.

High School Band

Grades 9-12 Elective Year

Prerequisites for high school band are:

a) participation in middle school band, OR
b) completion of summer band lessons prior to the school year, OR
c) meeting with the band director to determine if band is feasible. Specific expectations will be determined at that meeting.
d) An audition to determine the student's ability and understanding may be required.

Students will prepare and present a variety of instrumental works throughout the year. Emphasis is placed on learning the proper techniques of tone production, developing ranges and technique, building musical literacy, and performance. Students will present at least one concert per semester.

High School Jazz Choir

Grades 9-12 Elective Year

(Prerequisites: Audition is required. Students must also be enrolled in high school choir to participate in show choir. *)

Show choir/jazz choir provides an advanced opportunity in pop/jazz music and stage presentation for students in grades 9 through 12.

High School Jazz Band
Grades 9-12 Elective Year
(Prerequisite: An audition is required. Students must also be enrolled in high school choir to participate in show choir.*)

Jazz band provides an advanced opportunity in instrumental pop/jazz music and stage presentation for students in grades 9 through 12.

*This requirement may be waived if choir conflicts with a class that is required for graduation.

Middle School Choir
Grades 7-8

Middle school choir is open to all students in grades 7 - 8. Students will prepare and present a variety of choral works throughout the year. Emphasis is placed on learning the proper techniques of tone production, developing musical literacy, and performance. Students will present at least one concert per semester. An audition to determine the student's ability and understanding may be required.

Middle School Band
Grades 7-8

Middle school band is open to students in grades 7 - 8. Students will prepare and present a variety of instrumental works throughout the year. Emphasis is placed on learning the proper techniques of tone production, developing musical literacy, and performance. Students will present at least one concert per semester.

Prerequisites for middle school band are:

a) participation in beginning band, OR
b) completion of summer band lessons prior to the school year, OR
c) meeting with the band director to determine if band is feasible. Specific expectations will be determined at that meeting.

Physical Education

High School

Physical Education
Required

Physical Education (PE) is a required course to be taken beginning in the 7th grade through the 11th grade. Both high school and middle school PE classes receive instruction in individual and team sports.

Three semesters (1.50 credits) of high school PE are **required to graduate** from Drummond HS. Students earn .50 credits per semester upon successful completion. In some cases where there is a medical condition as well as special circumstances that will prevent full participation, the PE dept. will meet with the student, parent and/or guidance counselor regarding scheduling and how grading will be determined. Partial phy ed credit can also be achieved by lettering in a varsity sport.

Physical Education

Middle School

Physical Education is a requirement for all students at each grade level. Students participate in nine units of Physical Education and each unit lasts between 12 and 15 days. The units taught at each grade level are listed below.

7th Grade
Units include: soccer, golf, flag football, archery, hockey, badminton, dance, basketball, volleyball.

8th Grade
Units include: softball, football, archery, hockey, pickleball, basketball, volleyball, team sports, and snow-shoeing.

Science

High School

Introduction to Physical Science (IPS)
Grade 9 Required Year
(Prerequisite: none)

This is an entry-level physical science course that fulfills the physical science requirement for high school graduation in Wisconsin. The format for this class will be one semester of entry-level chemistry and one semester of entry-level physics. Topics covered in this course include lab safety, measurement and precision, matter and kinetic energy, chemical bonding and reactions, acids and bases, atomic structure, waves, light and sound, motion, and forces.

Biology I
Grade 10 Required Year
(No Prerequisites)

This course provides students with a basic overview of Biology, or the study of life. Through use of a textbook, lab work, a variety of projects (including plant/insect collections, human body system projects, etc.), tests/quizzes, and other assorted activities, students gain insight into the world around them.

Chemistry
Grades 11-12 Elective Year
(Prerequisite: Algebra II (Concurrently), **OR** instructor's permission)

Chemistry is a college-preparatory course. Topics to be covered include atomic structure, periodic law, chemical bonding, chemical equations, molarity and mass relationships, gas laws and acids and bases.

Physics
Grades 11-12 Elective Year
(Prerequisite: Algebra II, Pre-Calc (Recommended) **OR** instructor's permission)

Physics is a college-preparatory course. Topics to be covered include the graphical analysis of motion, rotational mechanics, vectors and projectile motion, forces, reflection and refraction, sound, light, static and current electricity.

Applied Integrated Science
Elective Year
(Replaces Applied Biology, ChemTech & PhysTech)
Grades 11-12

Applied Integrated Science provides an introduction to how the concepts of biology, chemistry and physics can be integrated and applied to real-world situations. This course is intended for students who will most likely not need a comprehensive college preparatory course in biology, chemistry or physics. Topics to be covered in this course include acids and bases, atoms, chemical reactions, Newton's Laws, energy, ecology and other environmental topics. Students will also participate in a variety of competitions and perform a service-learning project.

Advanced Integrated Science

Elective Year

(Replaces Advanced Chemistry, Biology II and Human Anatomy)
Grades 11-12

Advanced Integrated Science is an activity-based elective course that provides an in-depth look at additional topics in biology and chemistry. The first semester will cover topics from limnology (the study of freshwater ecosystems), microbiology and organic chemistry. The second-semester will cover topics from anatomy and physiology along with an emphasis on biotechnology.

Science

Middle School

Science 8 Required Year

This course places emphasis on earth science. Students will study units related to astronomy, geology, meteorology, chemistry and conservation. Current science issues will also be discussed throughout the course. Students will be required to investigate an independent science project using the scientific method.

Science 7 Required Year

This course places emphasis on life science. Students will study units related to Biology and Human Anatomy. Current science issues will also be discussed throughout the course.

Social Studies

High School

Civics
Grade 9 Required Year
(Prerequisites: none)

The topics that are covered during the school year include: The Constitution, Roles of Citizenship, the Three Branches of Government, and State Local Government. An emphasis will be placed on the value of government and citizens' duties within the governmental framework.

U.S.History

Grade 10 Required Year
(Prerequisites: none)

This course provides students with a study of U.S. History from Reconstruction to the Present. Key topics will include Industrialization, Progressivism, WWI, the New Deal, WWII, the Cold War, the Sixties, the Conservative Backlash, and Globalization. While learning the basic themes, concepts, and linear process of U.S. History, students will use specific case studies and primary documents to develop skills of analysis and argumentation.

Modern U.S. History

Grade 11 Required Semester
(Prerequisites: U.S. History)

This course provides students with a study of U.S. History from the WWII era to the present. Key topics will include WWII, the Cold War, "the 60's", the Conservative Backlash, and Globalization. While learning the basic themes, concepts, and linear process of modern U.S. History, students will use specific case studies and primary documents to develop skills of analysis and argumentation.

Social Psychology and The State

Formally known as Criminal and Social Justice

Grade 11-12
(Prerequisites: none) Elective Year

This course provides students with the study of systems of Law and Justice. Key topics will include Terrorism, Corrections, Human Rights, the relationship between the State and the Individual, and other International Institutions.

Current Issues

Grade 10-12
(Prerequisites: none) Elective (Alt year) Semester

This course provides students with studies in a variety of global, national, and local issues. Key topics will include the media, terrorism, privatization, immigration, and other student chosen topics. Students will use case studies and institutional analysis in order to create their own argumentative framework within each focused topic.

Economic Theory
Grades 11-12 Elective (Alt year) Semester
(Prerequisites: Instructor permission)

This advanced social science course provides students with a theoretical view of economics. We will examine the creation of the market, the history of economic theory, economic globalization, and the future of economics.

Sociology I and II
Grades 11-12 Elective Semester/Year
(Prerequisites: none)

This course provides students with a study of the structure of human societies and the behavior of individuals and groups in society. This includes a particular focus on the roles of institutions in society and the creation of social constructions such as race, ethnicity, gender, nation and class. Sociology II expands on topics covered in semester one. Opportunities for student research and in-depth study are emphasized.

Social Studies

Middle School

Geography
Grade 7 Required Year

The topics that are covered during the school year include the following: The themes of geography, geographic concepts such as time zones and map skills, and the planets. The science between people and their environment is explored through seven continents and four oceans.

U.S. History Pre-Columbian to Reconstruction
Grade 8 Required Year

Pre-Columbian America through the Civil War period. The content is organized in a topical format; before there was a U.S., U.S. Expansion, American Democracy and Military History.

Foreign Language

High School

Offered through Wisconsin Virtual School
Grades 9–12 Year
One credit

Tech Ed

Grades 9-12 Elective 1 Semester

Tech Ed. Grades 9-12 Elective 1 Semester. The Tech Ed model will be used for classroom activities in order to provide students with challenges. Projects will be planned and revised during the semester to meet the needs of each student. Students will be encouraged to contribute as much as they can to the planning of activities and assessment. The facilitator will help students through the process of creating, carrying out a project plan and drawing things up using Computer Aided Design (using Sketchup).The focus is on creating things that can be sold by Chequamegon Area Manufacturing, a student run company.

Grades 7-8 Elective

Tech Ed. Grades 9-12 Elective 1 Semester. The Tech Ed model will be used for classroom activities in order to provide students with challenges. Projects will be planned and revised during the semester to meet the needs of each student. Students will be encouraged to contribute as much as they can to the planning of activities and assessment. The facilitator will help students through the process of creating, carrying out a project plan and drawing things up using Computer Aided Design (using Sketchup).The focus is on creating things that can be sold by Chequamegon Area Manufacturing, a student run company.

Coding

Middle School

Grade 7 Quarter

During this quarters' investigation, you will build on your 6th-grade coding class experience as you program animations, interactive art, and games. You will start off with simple shapes and build up to more sophisticated sprite-based games, using the same programming concepts and the design process computer scientists use daily. In the final project, you'll develop a personalized, interactive game.

Grade 8 Quarter

This Quarter introduces the broader social impacts of computing. Through a series of design challenges, you will learn how to better understand the needs of others while developing a solution to a problem. The second half of the unit consists of an iterative team project, during which teams have the opportunity to identify a need that they care about, prototype solutions both on paper and in the computer, and test solutions with real users to get feedback and drive further iteration.

Other Electives

Fiber Optic Selections

Selections and times vary each school year. See Ms. Kaiser for more options.
(3.0 cumulative GPA recommended)

Medical Terminology 11:36 AM – 12:22 PM

Originates from WITC (MTWF) Fall
.75 High School Credits
3 WITC Credits

Focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology.

Math for Health Professionals 11:36 AM – 12:22 PM

Originates from WITC (MWF) Spring
.5 High School Credits
2 WITC Credits
(Prerequisite: B or better in Algebra II or Precalculus within the past two years)

Following an arithmetic review, this course emphasizes those mathematical skills necessary for success in the nursing field and related health occupations. Emphasis will be placed on computational skills and applications of rational numbers; problem solving skills with ratios, proportions, and percents; basic principles and application of algebra, graphing, and statistics; measurement skills in U.S. Customary and Metric systems as well as apothecary and household systems; and the use of calculators as a tool.