

Wabeno Sr. High School Wabeno, WI



Course Description 2017-2018

Wabeno High School
Graduation Requirements

In order to fulfill the graduation requirements at Wabeno High School, students must complete four years of high school and earn a minimum of 24 credits.

15.5 Required Courses	Credits	Year Required
English 9	1	9
Basic Math, Basic Algebra or Algebra I	1	9
Natural Science 9	1	9
Physical Education I	½	9
Health 9	½	9
Civics 9	1	9
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English 10	1	10
Biology I	1	10
Office Applications	½	10
Physical Education II	½	10
Algebra 1 or Geometry	1	10
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English 11 or College Prep English 11	1	11
United States History	1	11
Physical Education III	½	11
Geometry or Algebra 2	1	11
<u>Hum Anat, Envir. Sci, Chemistry</u>	<u>1</u>	<u>11</u>
English 12 or College Prep English 12	1	12
Social Problems	1	12
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Electives	8.5	9-12
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	Required Credits	15.5
	Elective Credits	<u>8.5</u>
	Required Credits to Graduate	24.0

CLASS STANDINGS

To be classified as a sophomore, a student must have earned 6 credits

To be classified as a junior, a student must have earned 12credits

To be classified as a senior, a student must have earned 18 credits

To be classified as a graduate, a student must have earned 24 credits (15.5 required, 8.5 electives)

Class of: 2012 and beyond Required Credits – 24

WABENO HIGH SCHOOL
GRADUATION REQUIREMENTS

<u>SUBJECT</u>	<u># CREDITS</u>
English	4.0
Math	3.0
Natural Science	1.0
Biology I	1.0
Science of choice	1.0
Civics	1.0
United States History	1.0
Social Problems	1.0
Physical Education	1.5
Health	.5
Office Applications	.5
Electives	<u>8.5</u>
	24

Recommended for admission to most UW Colleges:

English	4
Math	3
Science	3
History	3
<u>Electives</u>	<u>4</u>
Total Credits	17

Combination of above Academic areas, Foreign Language, plus no more than 2 credits in the Fine Arts or Vocational* areas

Revised: 02/11/2013

- Check in the Counseling Office for specific institution requirements.

ART	2
BUSINESS.....	3
DRIVER EDUCATION	4
ENGLISH	5
FAMILY AND CONSUMER SCIENCE.....	9
FOREIGN LANGUAGES	12
HEALTH	13
MATH	13
MUSIC	15
PHYSICAL EDUCATION	16
SCIENCE	17
SOCIAL STUDIES	20
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Wabeno School District Mission Statement

Our mission... As a culturally diverse community, the School District of Wabeno Area will work in harmony with respect for one another, providing a safe and superior learning environment, enabling individuals to reach their fullest potential and become caring contributing life-long learners in our ever-changing local and global society.

PUBLIC NOTIFICATION OF NONDISCRIMINATION POLICY

The School District of Wabeno Area 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 or handicap as required by Sec. 118.13, Wis. Stat.

All career and technical education programs follow the District's policies of nondiscrimination. In addition, arrangements can be made to ensure that lack of English language skills is not a barrier to admission or participation. Inquiries, questions or complaints concerning nondiscrimination shall be referred to the building principal and processed in accordance with established procedures.

Legal Reference: Section 504: 34 CFR 104.8
 Title IV
 Title VI
 Title IX: 34 CFR 106.9
 Sections of 111.31-111.39 Wisconsin Statutes
 118.13
 118.19
 118.20

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ART:

TITLE: Ceramics A/B
REQUIRED/ELECTIVE: Elective
LENGTH: Semester each
PREREQUISITES: None
OPEN TO GRADES: 9 – 12
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Students will learn to build ceramic pottery and sculptural forms by pinching, coil, slab and wheel throwing methods. Advanced students will explore all four methods independently.

TITLE: Drawing
REQUIRED/ELECTIVE: Elective
LENGTH: Semester
PREREQUISITES: None
OPEN TO GRADES: 9 – 12
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Through drawing exercises and gradual skill building assignments, students will learn to express themselves visually. Advanced students will explore with a wide variety of skills and methods of drawing.

TITLE: Painting
REQUIRED/ELECTIVE: Elective
LENGTH: Semester
PREREQUISITES: None
OPEN TO GRADES: 9 – 12
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Through painting exercises and gradual skill building assignments students will learn painting techniques and color theory. Advanced students will learn to create paintings that are interesting to look at, make good use of the picture plan, have a center of interest, have a color scheme that expresses the mood of the painting, and be original.

TITLE: Advanced Art
REQUIRED/ELECTIVE: Elective
LENGTH: Semester
PREREQUISITES: None
OPEN TO GRADES: 10 – 12
CREDIT: 1/2 per Semester

Independent skill advancement in the various art methods.

BUSINESS:

TITLE: Accounting IA
REQUIRED/ELECTIVE: Elective
LENGTH: One Semester
PREREQUISITES: None
OPEN TO GRADES: 10-12
CREDIT: ½ credit

COURSE DESCRIPTION: This course is for students who want a comprehensive knowledge of accounting principles. Content: Part I- Accounting As A Career, Part II- Accounting For A Service Business, Part III- Automated Accounting For A Service Business. Students will use Aplia to access working papers online.

TITLE: Accounting IB
REQUIRED/ELECTIVE: Elective
LENGTH: One Semester
PREREQUISITES: Accounting IA
OPEN TO GRADES: 10-12
CREDIT: ½ credit

COURSE DESCRIPTION: Part IV- Partnership Accounting, Manual and Automated, Part V- Corporate Accounting, Manual and Automated, Part VI- Accounting Control Systems. Students will use Aplia to access working papers online.

TITLE: Office Applications
REQUIRED/ELECTIVE: Required
LENGTH: One Semester
PREREQUISITES: None
OPEN TO GRADES: 11-12
CREDIT: ½ credit

COURSE DESCRIPTION: This course is loaded with 21st Century Skills. Students are reinforced of their basic keyboarding skills. Students will learn the importance of windows and the different tools used in Microsoft Word. Letters; block, modified block, and simplified block styles are taught; memorandums, simple and formal are taught; placement of data in table format is taught; numeric keying is reinforced. Blogging, Moodle, and other Web 2.0 tools will be incorporated in this course.

DRIVER EDUCATION:

TITLE: Driver Education

REQUIRED/ELECTIVE: Elective

LENGTH: Semester

REREQUISITES: None

OPEN TO GRADES: To students who have earned 6 credits

CREDIT: None

COURSE DESCRIPTION: Classroom and behind the wheel offered.

FEES: To be determined by Driving School contract

ENGLISH:

TITLE: English 9L – Literature

REQUIRED/ELECTIVE: Required

LENGTH: Semester

PREREQUISITES: None

OPEN TO GRADES: 9

CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Students spend one semester studying the various forms of literature, their content, style, known-authors, and evaluate the same. The course contains a short story unit, reading of Shakespeare's Romeo and Juliet, and the viewing of that in movie form. The students read a minimum of two novels, and also cover a unit in poetry and a drama unit separate from Romeo and Juliet.

TITLE: English 9C – Communications

REQUIRED/ELECTIVE: Required

LENGTH: Semester

PREREQUISITES: None
OPEN TO GRADES: 9
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: This semester of English 9 concentrates specifically on developing the basic communication skills of writing, speaking and listening. The students start out with a unit to develop basic listening and note making skills. The remainder of the semester is spent developing writing and speaking skills. Included in this are grammar and vocabulary development as well as basic paragraph and essay writing. They work on informative and impressionistic, descriptive, technical writing, and persuasive writing. The speaking unit involves basic informative, opinion, demonstration speeches. The major focus is on organization and development of the speech, along with basic delivery skills.

TITLE: Yearbook - Journalism
REQUIRED/ELECTIVE: Elective
LENGTH: Semester 1 / Semester 2
PREREQUISITES: English 9
OPEN TO GRADES: 10-12
CREDIT: ½ per semester

COURSE DESCRIPTION: Students will spend the semester putting together the school yearbook. This will include scheduling and taking photographs of major school events, sports and academic teams, staff and students. Each student will be assigned a number of pages to set up and submit. Not only will they be responsible for pictures but they will also need to compose text, including facts and names. In addition, they will work on compiling and publishing a monthly newsletter containing writings and information about campus activities. This will include photo-journalism pieces and original poetry and essays that are submitted by students or faculty. This class will also work on updating and maintaining the school website. The goal will be to have links to teacher's websites.

TITLE: English 10L - Literature
REQUIRED/ELECTIVE: Required
LENGTH: Semester
PREREQUISITES: English 9L
OPEN TO GRADES: 10
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Students spend one semester expanding upon their study of the various forms of literature, their content, style, known-authors, and evaluation of the same, from English 9. The course contains a short story unit, reading of Shakespeare's JULIUS CAESAR, and the viewing of that in movie form. The students read a minimum of three novels, and also cover a unit in poetry and a drama unit separate from JULIUS CAESAR.

TITLE: English 10C – Communications
REQUIRED/ELECTIVE: Required
LENGTH: Semester
PREREQUISITES: English 9C

OPEN TO GRADES: 10
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: This semester of English 10 concentrates specifically on speaking, listening, and critical and creative thinking. The students start with a review of listening and note making skills. The remainder of the semester is spent developing writing, speaking, and critical and creative thinking skills. Critical thinking information is supplemented with logical thinking and propaganda units. Grammar and vocabulary development are covered in weekly units with special emphasis given to identify problem areas. English 10 students in this semester are also required to write a process essay, a personal experience essay, and a research paper which culminates in an oral speech presentation based upon their research work.

**TITLE: English 11L – Literature
Literature**
**REQUIRED/ELECTIVE: Required
Option**
LENGTH: Semester
**PREREQUISITES: English 10L, English 9L
9Land**
OPEN TO GRADES: 11
CREDIT: 1/2 per Semester

TITLE: College Prep English 11L -
REQUIRED/ELECTIVE: Required
LENGTH: Semester
**PREREQUISITES: English 10L, English
consent of instructor**
OPEN TO GRADES: 11
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: One semester of English 11 concentrates specifically on different forms of American Literature, including knowledge of the history of the novel in America and an appreciation of the novel as a basis for a better understanding of man and the world he lives in. Novels covered are *The Adventures of Huckleberry Finn*, *Frankenstein* and *The Things They Carried*. Short Stories are from the multicultural anthology *Braided Lives*. One play we cover is *The Glass Menagerie* with an emphasis on knowledge of the history of American drama. Some background on Greek Mythology is also covered with the college bound group. In all of these forms of literature, such elements as characterization, setting, plot, theme, point of view, style, tone, and mood are addressed. Skills in word comprehension, thinking, discussing, and writing are also stressed.

**TITLE: English 11C – Communications
Comm.**
**REQUIRED/ELECTIVE: Required
option**
LENGTH: Semester
**PREREQUISITES: English 9C and English 10C
English 10C**
OPEN TO GRADES: 11
CREDIT: 1/2 per Semester

TITLE: College Prep English 11C –
REQUIRED/ELECTIVE: Required
LENGTH: Semester
**PREREQUISITES: English 9C and
and consent of instructor**
OPEN TO GRADES: 11

CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Students spend one semester expanding upon their study of Shakespearean Literature in the reading of Macbeth. They will also cover an American Short Story Unit. Using the stories and the play as a base, the students write various forms of essays. Those may include compare/contrast, persuasive, informative, character descriptions, etc. The students will also complete a full length research paper including bibliography cards, note cards, outline, rough draft, and final copy. An oral presentation will be included in the course. In addition, students will study grammar and vocabulary in weekly units.

TITLE: General English 12L General English 12C

REQUIRED/ELECTIVE: Required Option

LENGTH: Semester each

PREREQUISITES: English 9, 10, 11

OPEN TO GRADES: 12

CREDIT: 1/2 per Semester

COURSE DESCRIPTION: General English 12 covers general written and oral communication skills, vocabulary building, critical thinking and literary analysis. Students will study the concepts of mythology in general and Greek Mythology in particular. Novels covered by students are *The Odyssey*, *Alas, Babylon*, *Fahrenheit 451*, 1984, *The Scarlet Letter*, and *The Crucible* (play); these form a basis for literary discussion and writing. The writing includes comparison-contrast essays and character analysis. Communication awareness and practice is addressed in personal journal keeping and letter writing. Several grammar units are covered stressing common grammar problem areas. Speech communication skills are addressed in a Research-Speech unit which also covers research and speaking skills. Formal vocabulary study is included on a weekly basis.

TITLE: College Prep English 12A/B

REQUIRED/ELECTIVE: Required Option

LENGTH: 2 Semesters

PREREQUISITES: English 9, 10, 11 and consent of instructor

CREDIT: 1/2 per Semester

COURSE DESCRIPTION: College Prep English 12 emphasizes written and oral communication skills, vocabulary building, critical thinking and literary analysis. Interspersed throughout the year is an ongoing unit on philosophy, introducing them to several philosophers, including Socrates and Plato,

with emphasis on literature. Students then read several novels (Alas, Babylon, The Grapes of Wrath, and Brave New World, Fahrenheit 451, 1984, The Scarlet Letter, and plays (Hamlet and The Crucible) that form the basis for their writing. Critical thinking is emphasized through class discussion and writing about literature. The writing includes short critical essays as well as a critical research essay. Included in this composition is a review of basic language skills (mechanics, usage, sentence structure). Students have a formal weekly vocabulary study in addition to vocabulary related to the literature they read. Speech communication skills are developed through a debate unit which concentrates on formal research skills, (i.e., use of bibliography and note cards, outlining, and persuasive speaking). Primarily, the purpose of the course is to insure that students have mastered the basic English speaking and writing competencies that will allow them to function well in college.

TITLE: English NW – Native American Literature of Wisconsin
REQUIRED/ELECTIVE: Elective
LENGTH: Offered Fall Semester Only
PREREQUISITES: English 10L, English 9L
OPEN TO GRADES: 11-12
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: This semester concentrates specifically on the literature of the eight tribes currently living in the state of Wisconsin. The study is centered around K. Tiggerman's Wisconsin Indian Literature, and examines the literature of each tribe, in turn. Students will also read Nancy Lurie's Mountain Wolf Woman, Sister of Crashing Thunder and will learn and research about autobiographies and oral histories in literary studies. Students will also examine works of other Native authors in Wisconsin, and will even become Wisconsin authors. Focus includes the development of an appreciation of NA traditional and contemporary literature as a basis for a better understanding of individual and cultural aspects of both historical and contemporary Native American experience. As in all studies of literature, such elements as major themes, motifs, and stylistics of traditional and non-traditional Native American Literature will be examined. Skills in analysis, interpretation and research will be exhibited in oral and written assessments throughout the course.

TITLE: English NL – Native Americans in Literature and Film

REQUIRED/ELECTIVE: Elective
LENGTH: Offered Spring Semester Only
PREREQUISITES: English 10L, English 9L
OPEN TO GRADES: 11-12
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: This semester concentrates specifically on different forms of Native American Literature, and includes a study of the history and development of the genre in America. Focus also includes the development of an appreciation of NA traditional and contemporary literature as a basis for a better understanding of individual and cultural aspects of both historical and contemporary Native American experience. We will examine the works of such authors as Luci Tapahonso, Sherman Alexie, Leslie Marmon Silko and Louis Owens. In all of these forms of literature, such elements as major themes, motifs, and stylistics of traditional and non-traditional Native American Literature will be examined. Skills in analysis, interpretation and research will be exhibited in oral and written assessments throughout the course. Comprehension and constructive literary criticism will also be stressed.

FAMILY AND CONSUMER SCIENCE :

TITLE: Nutrition and Wellness
REQUIRED/ELECTIVE: Elective
LENGTH: 2 semesters
PREREQUISITES: NONE
OPEN TO GRADE: 10 - 12
CREDIT:1/2 per semester

COURSE DESCRIPTION: This course explores proper nutrition and how it affects the student. Time in this class will be spent researching all of the basic nutrients and how they relate to proper nutrition and foods. The students will complete units on very basic food preparation in relation to changing high fat recipes into low fat recipes. The students will also learn about exercise and the importance it plays in a healthy lifestyle. Emphasis will also be placed on learning basic measurements and equivalents in cooking.

TITLE: Basic Foods

REQUIRED/ELECTIVE: Elective
LENGTH: 2 Semesters
PREREQUISITES: Nutrition and Wellness
OPEN TO GRADE: 9 - 12
CREDIT: ½ per semester

COURSE DESCRIPTION: This course is designed to equip students with the food and nutrition knowledge needed to make informed decisions and to recognize the consequences of those food choices. Topics covered include: choosing nutritious foods, preparing traditional Holiday foods, and preparing foods from the Food Guide Pyramid categories. Emphasis will also be placed on learning and practicing basic measurements and equivalents in cooking.

TITLE: Regional and International Foods
REQUIRED/ELECTIVE: Elective
LENGTH: 2 Semesters
PREREQUISITES: Nutrition and Wellness and Basic Foods
OPEN TO GRADE: 11-12
CREDIT: ½ per semester

COURSE DESCRIPTION: This course explores foods, customs, and traditions of the world. The first semester will be focused on the areas of the United States. Second semester will focus on international cultures and cuisines. Concepts will be further developed through lab experiences and research and peer teaching units.

TITLE: Introduction to Food Service 1 & 2
REQUIRED/ELECTIVE: Elective
LENGTH: 2 Semesters
PREREQUISITES: Nutrition and Wellness, Basic Foods, and Regional & International Foods
OPEN TO GRADE: 12
CREDIT: ½ per Semester

COURSE DESCRIPTION: This course explores the dynamics of working with the food service industry. Topics covered are career opportunities, equipment and foods prepared in the food service industry. Special emphasis will be placed on sanitation and safety practices related to food service. A major project will be the making of a menu from a restaurant and the preparation of a full dinner menu. A culminating activity may include preparing and serving foods in a mock restaurant.

TITLE: Family Relations
REQUIRED/ELECTIVE: Elective
LENGTH: 2 Semesters
PREREQUISITES: NONE
OPEN TO GRADE: 9-12
CREDIT: ½ per Semester

COURSE DESCRIPTION: This course explores the dynamics of healthy and unhealthy relationships through the life cycle. Special emphasis will be placed on friendships, marriage preparation and adulthood relationships. The majority of this course will be student reading of the chapters and extensive classroom discussions. A culminating activity may include an Engagement and Marriage Budget Portfolio, complete with pictures and added touches.

TITLE: Child Development 1 and 2
REQUIRED/ELECTIVE: Elective
LENGTH: 2 Semesters
PREREQUISITES: NONE
OPEN TO GRADE: 9 - 12
CREDIT: ½ per Semester

COURSE DESCRIPTION: This course emphasizes the responsibilities of the family to provide for individual development and socialization of children. It is designed for students interested in becoming more responsible adults and child care providers. Topics include: pregnancy; parenthood; physical, social, emotional and cognitive development of children; early childhood education.

TITLE: Child Development II
REQUIRED/ELECTIVE: Elective
LENGTH: 2 Semesters
PREREQUISITES: Child Development 1 & 2
OPEN TO GRADE: 10 - 12
CREDIT: ½ per Semester

COURSE DESCRIPTION: This course introduces students to the fast-growing field of early childhood education. Students will develop skills for guiding children effectively while keeping them safe. Some of the topics covered will be working with and observing children, curriculum, learning styles, nutrition, and guiding educational experiences. The last semester of the course will include being an aide in the

elementary classrooms for hands-on experience.

TITLE: Clothing, Textiles, Design and Construction

REQUIRED/ELECTIVE: Elective

LENGTH: 2 Semesters

PREREQUISITES: NONE

OPEN TO GRADE: 9-12

CREDIT: ½ per Semester

COURSE DESCRIPTION: This course explores selection, care, and construction of clothing and textiles. Techniques used in hand and machine sewing and mending will be taught, as well as various crafting and construction methods. Focus will be placed on the many careers in the fashion and textiles industry. **Students will need to purchase their own project materials as they will be constructing projects of their choice.**

FOREIGN LANGUAGES:

TITLE: Spanish I

REQUIRED/ELECTIVE: Elective

LENGTH: 2 Semesters

PREREQUISITES: None

OPEN TO GRADES: 9 – 12

CREDIT: 1

COURSE DESCRIPTION: The purpose of this course is to develop speaking, listening, reading, and writing skills at a beginning level. The course will stress pronunciation, vocabulary, a study of the structure or grammar of the language, and use of mainly the present tense. Hispanic culture is also studied in the process. CD's , movies, and games are used to reinforce language skills, in addition to textbook and workbook assignments.

TITLE: Spanish II

REQUIRED/ELECTIVE: Elective

LENGTH: 2 Semesters

PREREQUISITES: Spanish I

OPEN TO GRADES: 10 – 12

CREDIT: 1

COURSE DESCRIPTION: This course is designed to increase the listening, reading, and speaking skills of the foreign language student. More vocabulary will be taught, along with new grammar and the addition of the past tense. The student will be more adept in writing and reading, and will be writing short compositions.

TITLE: Native American Language

REQUIRED/ELECTIVE: Elective

LENGTH: 2 Semesters

PREREQUISITES: None

OPEN TO GRADES: 9 – 12

CREDIT: 1

The high school Potawatomi Language and Culture Classes will meet for one class period each day at the high school. All students at the hs will have an opportunity to participate in these classes. The class is taught by a certified Potawatomi Language Instructor. The language instructor will use a variety of techniques, including language modeling, master apprentice, and immersion. The class will include the history and culture of the Potawatomi. Students will participate in a variety of activities and projects. Fieldtrips to the Potawatomi Museum and other cultural events may be offered as well.

HEALTH:

TITLE: Health 9
REQUIRED/ELECTIVE: Required
LENGTH: 1 Semester
PREREQUISITES: NONE
OPEN TO GRADES: 9
CREDIT: ½ per Semester

COURSE DESCRIPTION: This class focuses on a life style for wellness. The following areas will be covered: Nutrition, appearance, exercise, stress and your health, emotions, mental and emotional disorders, drugs and alcohol (use and abuse), tobacco, sensory organs, respiratory and cardiovascular systems, major health problems, suicide, birth through puberty, death and dying, and first aid.

MATH:

TITLE: Pre-Algebra
REQUIRED/ELECTIVE: One of three Required Math Courses to fulfill graduation requirement
PREREQUISITES: None
LENGTH : 2 Semesters
OPEN TO GRADES: 9 – 10
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Applied Math is directed toward the average ability mathematics student from the junior high level. Many students do not have the ability to do Algebra 1 when they enter high school. Trans Math allows students to learn major algebraic concepts at a slower rate. Since taking Trans Math as a freshman allows students to take Algebra II as a senior, it is conducive to those students who wish to continue their education after high school. Basic Algebra also allows students who have trouble with mathematics to get their required two math credits. Topics covered include the following: Working with variables, solving equations, positive and negative numbers, formulas, working with polynomials, factoring, graphs, decimals and percents, squares and square roots, and if time, quadratic equations.

TITLE: Algebra I - A/B
REQUIRED/ELECTIVE: One of Three Required Math Courses to fulfill college core
LENGTH: 2 Semesters
PREREQUISITES: Grade of A or B in 8th grade or C grade with instructor approval
OPEN TO GRADES: 9 – 12
CREDIT: 1/2 per semester

COURSE DESCRIPTION: Algebra 1 is an introduction to Algebra concepts. Topics covered in Algebra 1 include:

1. Addition, subtraction, multiplication, and division of signed numbers
2. Working with polynomials
3. Factoring
4. Working with fractions
5. Inequalities
6. Functions and relations
7. Systems of open sentences in two variables

If time, we cover the following topics:

1. Rational and irrational numbers
2. Quadratic functions and relations
3. Geometry and trigonometry

TITLE: Algebra II A/B
REQUIRED/ELECTIVE: Elective – one of three required courses to fulfill college core
LENGTH: 2 Semesters
PREREQUISITES: Algebra I - A & B
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Algebra II is meant for those students who plan to further their education after high school. The course expands the concepts learned in Algebra I with the first four chapters reviewing those concepts. Grades will be determined by testing and daily work. New topics include the following: Rational expression, radicals and irrational numbers, quadratic equations and functions, exponential functions, logarithms, statistics and probability, and trigonometry. If time permits we will also cover sequences and series, permutations, combinations and probability, and matrices.

TITLE: Geometry A/B
REQUIRED/ELECTIVE: Elective – one of three required courses to fulfill college core
LENGTH: Semester each
PREREQUISITES: Algebra IA & 1B
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: This course meets every day, Monday through Friday. It deals with discovering patterns and conjectures in geometry through experimentation and construction. Afterwards, those conjectures are used on geometric figures to reinforce their content. Students study points, lines,

planes, similar and congruent polygons, right triangles, circles, areas, volumes, trigonometry, and tessellations. Students going on to college or technical school are advised to take this class, as it is recognized as an acceptable class toward the entrance requirement of 2 math classes.

TITLE: Pre-Calculus A/B
REQUIRED/ELECTIVE: Elective
LENGTH - YEAR/SEMESTER: Semester each
PREREQUISITES: Algebra IIA & B and Geometry A/B
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Pre-Calculus presents and develops all the necessary topics for an advanced math course. It is for students who want a solid preparation for college math. Only those students planning a career in a mathematics related field or those needing college math for their career goals should take advanced math. Grades will be determined by chapter tests, quizzes, daily work, and cumulative reviews at the end of each chapter. Topics covered include the following: Linear relations and functions, matrices and linear programming, theory of equations, the nature of graphs, trigonometric functions, applications of trigonometry, vectors, polar coordinates, complex numbers, conics, sequences and series, exponential and logarithmic functions, graph theory, probability, statistics, data analysis, and if time, an introduction to calculus.

MUSIC:

TITLE: High School Band
REQUIRED/ELECTIVE: Elective
LENGTH - YEAR/SEMESTER: Semester/Year
PREREQUISITES: Junior High Band or Teacher Approval
OPEN TO GRADES: 9 – 12
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: High School Band will meet daily in the Band room. Students will rehearse and perform music of various musical periods and styles in large groups (full band) and small ensembles. Band Members will be required to attend all performances (approximately 6 per year), including those outside of the school day. Also, band members must attend individual lessons during the school day. Other performance activities for band members include Pep Band, Jazz Ensemble, and the annual Solo-Ensemble Festival in the spring. These activities, while not required, are highly recommended.

TITLE: High School Choir
REQUIRED/ELECTIVE: Elective
LENGTH - YEAR/SEMESTER: Semester/Year
PREREQUISITES: None
OPEN TO GRADES: 9 – 12

CREDIT: 1/2 per Semester

COURSE DESCRIPTION: High School Choir meets five times per week. Individual and/or group lessons will also be arranged during the school day on an individual basis. The group studies, practices, and performs in vocal music of all styles, from the classics to today's popular music. Emphasis is given to group participation; however, individual achievement is also addressed. Attendance at all concerts, a minimum of five per year, is required. Extra credit toward a music letter is given for outside work such as Solo & Ensemble Festivals, the school musical, and other vocal music activities.

PHYSICAL EDUCATION:

TITLE: Physical Education 1
REQUIRED/ELECTIVE: Required
LENGTH: Semester
PREREQUISITES: None
OPEN TO GRADES: 9
CREDIT: 1/2

COURSE DESCRIPTION: To promote physical development through physical activities adapted to the group. Explore and experiment in a variety of activities. Develop physical skills, coordination and abilities useful in work and play and team sports. Promote social skills; poise and proper boy/girl relationships through co-recreational activities. Promote the understanding of sports and physical activities. Develop self-confidence, self-direction and a feeling of personal worth and belonging.

TITLE: Physical Education 2
REQUIRED/ELECTIVE: Required
LENGTH: Semester
PREREQUISITES: Physical Education 1
OPEN TO GRADES: 10
CREDIT: 1/2

COURSE DESCRIPTION: To promote physical development through physical activities adapted to the group. Explore and experiment in a variety of activities. Develop physical skills, coordination and abilities useful in work and play and team sports. Promote social skills, poise and proper boy/girl relationship through co-recreational activities. Promote the understanding of sports and physical activities. Develop self-confidence, self-direction and a feeling of personal worth and belonging.

TITLE: Physical Education 3
REQUIRED/ELECTIVE: Required
LENGTH: Semester
PREREQUISITES: Physical Education 1 and 2
OPEN TO GRADES: 11
CREDIT: 1/2

COURSE DESCRIPTION: Students are awarded an opportunity to learn about lifetime physical fitness. An emphasis is placed on developing lifelong fitness through a variety of activities. The core areas are physical fitness by components, prevention and treatment of minor injuries, weight training and conditioning, along with various other activities.

TITLE: Lifetime Sports (Physical Education 4)
REQUIRED/ELECTIVE: Elective
LENGTH: Semester
PREREQUISITES: Physical Education 1, 2, and 3
OPEN TO GRADES: 12
CREDIT: 1/2

COURSE DESCRIPTION: To promote physical development through physical activities adapted to the area of lifetime sports. Explore and experiment in a variety of activities. Develop physical skills, coordination and abilities useful in lifetime sports. Promote social skills, poise and proper boy/girl relationship through co-recreational activities. Promote the understanding of sports and physical activities. Develop self-confidence, self-direction and a feeling of personal worth and belonging.

SCIENCE:

TITLE: Natural Science A/B
REQUIRED/ELECTIVE: Required
LENGTH: 2 Semesters
PREREQUISITES: None
OPEN TO GRADES: 9
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Natural Science is a required class with an emphasis on the basic physical sciences. Main areas of study will be mechanics, light, sound, astronomy, matter, atoms, and chemical interactions. The class will have a large laboratory component and emphasis on hands on activities. This course is required for all freshmen.

TITLE: Biology 1 A/B
REQUIRED/ELECTIVE: Required
LENGTH: 2 Semesters
PREREQUISITES: Natural Science 9
OPEN TO GRADES: 10 – 12
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: This course will give an overview of biology, the study of living things. The major areas of study will consist of cells, metabolism, heredity, biological evolution, ecology, classification, and the human body. Class activities include: lecture and note taking, laboratory work, internet research, projects, in-class activities, and tests.

TITLE: Biology II A/B
REQUIRED/ELECTIVE: Elective
LENGTH: 2 Semesters
PREREQUISITES: Minimum of a C in Biology I or permission from the teacher.
OPEN TO GRADES: 11 – 12
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: This biology course should be taken by those students who are interested in a career related to biology or those who want to continue learning about living organisms. This course is a college preparatory class which will give students an overview of the 6 kingdoms while reviewing important concepts from Biology I. Students will be involved in schoolyard habitats, a program that works with the U.S. Fish and Wildlife Service to reintroduce native plant species to the community. The Biology II class is the lead class in this project. At least one fieldtrip to the school forest will be taken. Students will also be expected to do dissections. Class activities include: lecture and note taking, laboratory work, internet and library research, projects, in-class activities, and tests.

TITLE: Chemistry A/B
REQUIRED/ELECTIVE: Elective
LENGTH: 2 Semesters
PREREQUISITES: Minimum of a C in Biology and 9th grade science or permission from the Teacher; Algebra II
OPEN TO GRADES: 11 – 12
CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Chemistry should be taken by those students planning to attend college, and specifically those students who are thinking about majoring in the sciences or medical field. The course covers a wide range of chemical principals with an emphasis on problem solving. Classroom work will consist of lecture, note taking, labs and in-class activities. Lab work will consist of thirty to forty experiments, which are approximately one lab per week. Lab reports will be written for each experiment. Major topics include the following: Classification of matter, measurement, elements and their structure, physical properties of elements, energy and calorimetry, compounds, the mole concept, chemical reactions, stoichiometry, chemical bonding, gasses, liquids, solids, solutions and equilibrium, acids and bases, oxidation, and reduction.

TITLE: Human Anatomy & Physiology
REQUIRED/ELECTIVE: Elective
LENGTH: 2 Semesters
PREREQUISITES: Minimum of a C in Biology I or permission from the teacher; Chemistry is highly recommended.
OPEN TO GRADES: 11 – 12

CREDIT: 1/2 per Semester

COURSE DESCRIPTION: This biology course should be taken by those students who are interested in a career related to biology, the medical field, or going on to college. This course will take a look at the human body from the atomic level to the organ system level. This will include an in-depth look at all the major organs and systems, as well as diseases and disorders that affect the human body. Classroom work will consist of lecture, note taking, laboratory work, research projects, and in-class activities. Dissections will also be done.

TITLE: Environmental Science

REQUIRED/ELECTIVE: Elective

LENGTH: 2 Semesters

PREREQUISITES: Natural Science and Biology

OPEN TO GRADES: 11 – 12

CREDIT: 1/2 per Semester

COURSE DESCRIPTION: This course can be taken by those students who need a third science credit, but are not necessarily going into the science field or would like to continue learning about the environment. We will look into many science topics including species interactions with the environment, evolution and extinctions, biodiversity, and environmental problems. The emphasis of this class is to gain an understanding about the human role in the environment and how society affects our natural world. Classroom work will consist of research projects, laboratory work, lecture and note taking, and in-class activities.

TITLE: Physics A/B (2014-2015)

REQUIRED/ELECTIVE: Elective

LENGTH: Semester each

PREREQUISITES: Algebra II and Natural Science

OPEN TO GRADES: 11 – 12

CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Physics is designed for students who are planning on attending college and is recommended to anyone looking into careers in engineering. A strong math background is desirable because of the numerous problems. General areas of study include – mechanics, light and sound, electromagnetism, and quantum physics. This course is lab based and requires a considerable use of computer and data acquisition technology.

SOCIAL SCIENCE:

TITLE: Psychology

REQUIRED/ELECTIVE: Elective

LENGTH: 2 Semesters

PREREQUISITES:

OPEN TO GRADES: 11 – 12

CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Surveys the science of psychology; addresses research methods, biological bases of behavior, sensation and perception, states of consciousness, learning, memory, motivation and emotion, language, lifespan development, intelligence, stress and health, social behavior, personality, and abnormal behavior and treatment; applications of psychology in a culturally diverse world.

SOCIAL STUDIES:

TITLE: Civics A/B

REQUIRED/ELECTIVE: Required

LENGTH: 2 Semesters

PREREQUISITES: None

OPEN TO GRADES: 9-10

CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Civics is required of all freshmen and meets five days per week, Monday through Friday. This course covers a variety of topics from the Social Studies area. Topics covered may vary from school year to school year. The basic topics available to be covered are: You and Your Community Bank, Budgeting, Introduction to Economics, The Constitution, State and Local Government, Electing Our Leaders, The Federal Government, Foundations of Our American Government, Citizenship, You and The Law, Native American Government and Customs, and Career Choices. With each topic covered, an oral/or written project may be required.

TITLE: U.S. History A/B

REQUIRED/ELECTIVE: Required

LENGTH: Semester each

PREREQUISITES: None

OPEN TO GRADES: 11-12

CREDIT: 1/2 per Semester

COURSE DESCRIPTION: Material covered from Civil War to the present time. With the use of the text and other sources, material is covered 1850 to the present. Most material is covered through lecture and class discussion. Some class projects are also used.

TITLE: Social Problems

REQUIRED/ELECTIVE: Economics or Social Problems Required

LENGTH: Year – Two semesters

PREREQUISITES: None

OPEN TO GRADES: 12

CREDIT: 1 per Year

COURSE DESCRIPTION: In Social Problems there is an extensive study of our American economic system. Students will be able to describe and explain how producers, consumers, and government entities interact with each other; they will learn and be able to define key economic terms, relate this information to real-life economic situations and cite examples of how international trade affects our economy.

Beyond learning about the economy, topics such as stock market, investing, credit, banking, auto purchasing, automobile/ life/ health insurances, our National and State taxation system, and adult rights and responsibilities.

Finally, students are taught career exploration and job seeking skills that culminate in a resume and mock interview process.

TECHNOLOGY EDUCATION:

TITLE: Financial/ Computer Literacy Survey

REQUIRED/ELECTIVE: Required

LENGTH: 9 weeks

PREREQUISITES: None

OPEN TO GRADES: 7 & 8

CREDIT: 1/4

COURSE DESCRIPTION: The first quarter is devoted to keyboarding. Students are to use the proper keyboarding techniques – correct finger position on the keys and correct posture at the computer. The students are using software to develop and increase their keyboarding skills. Weekly, students will do timings. Students are graded on their improvement at the keyboard. Second quarter, students learn how to do labels, spreadsheets, charts on spreadsheets, photo shop and power point.

TITLE: Technology I

Grade Level: Grades 9-12

Length of Course: All year

Prerequisites: None

Required/ Elective: Elective

COURSE DESCRIPTION: This course is a prerequisite to all high school Technology courses, and is designed as a year-long exploration of Technical Education. The four quarters of the year coincide with the four core areas of Technical Education as recognized by the Wisconsin Department of Instruction. During the first quarter of the year, students will explore several areas of technical **communications**, including the use of audio, video, and computer equipment. The second quarter of the year will be devoted to the study of the materials, processes, and resources in **manufacturing**. The third quarter of the course will involve the power sources, components, and history of mechanized **transportation**. The final quarter of the year will consist of several areas involved with **construction**, such as carpentry, residential electricity, plumbing, and climate control.

TITLE: Architecture and Contracting
Grade Level: Grades 10-12
Length of Course: One Semester
Prerequisite: Technology I
Required/ Elective: Elective

COURSE DESCRIPTION: This is a required course for students planning to enter the Building Trades course. During this one semester course, students will design and draw house plans for a single floor residential structure. These plans will include rough drawings, floor plans, elevations, and detail drawings. Students will work in groups to construct a model house. Studies also include the general contracting processes, scheduling subcontractors, and legal property issues.

TITLE: Woodworking Technology
Grade Level: Grades 10-12
Length of Course: One Semester
Prerequisite: Technology I
Required/ Elective: Elective

COURSE DESCRIPTION: This semester long class is for students who enjoy making projects out of wood. We will cover project planning, materials selection, and construction of woodworking projects. Safety and quality workmanship will be stressed in all class activities. Students are responsible for bringing in materials for projects or paying for projects that become personal property.

TITLE: Metals Technology and Fabrication
Grade Level: Grades 11-12
Length of Course: One Semester
Prerequisite: Technology I
Required/ Elective: Elective

COURSE DESCRIPTION: This is a semester long course for students interested in improving and learning new welding and metalworking skills. A variety of welding, heat source adhesion, machining, and fabrication skills will be taught. New project planning and construction as well as repair techniques will be explored. Safety and quality workmanship will be stressed in all class activities. Students are responsible for bringing in materials for projects or paying for projects that become personal property.

TITLE: Power Transportation Technology
Grade Level: Grades 11-12
Length of Course: One Semester
Prerequisite: Technology I
Required/ Elective: Elective

COURSE DESCRIPTION: This one semester course will cover the basics of internal combustion engines and basic automotive systems. Students will disassemble, identify components, and reassemble

a small engine. We will also cover automotive systems and maintenance. This is a great course for new drivers and vehicle owners.

TITLE: Technology IV

Grade Level: Grade 12

Length of Course: All year/ Semester

Prerequisites: Technology I, II, and III

Required/ Elective: Elective

COURSE DESCRIPTION: Technology IV is a senior level course designed for those students who have successfully completed Technology I, and at least two other Technology courses. Students in this course are expected to select a course of study or project that is challenging and purposeful. Students will present a formal proposal to the instructor for approval each quarter of the course. Students are also required to keep a daily journal of their progress. This journal may be reviewed by the instructor at any time. The journal will be used by the student to monitor progress, and by the instructor as an evaluation instrument. An individual conference will be held between the instructor and each student at the midpoint and conclusion of each quarter. A research paper will be required each semester. Topics for the research paper must be pre-approved by the instructor.

TITLE: Advances Standing Welding

Grade Level: Grades 11-12

Length of Course: Approximately 100 hours (Course content must be completed)

Prerequisites: Technology I

Required/ Elective: Elective

COURSE DESCRIPTION: This course is taught in conjunction with the Metals Fabrication/Power Transportation courses, or could be an option for a Tech IV student. This course allows juniors or seniors to get high school credit and advanced standing from Nicolet Technical College. The course content involves both welding theory and practical application dealing with Shielded Metal (Stick) Arc welding and follows the same course content, outline and grading system used at NTC. The course length is approximately 100 hours of combined class and lab time.

NWECS distance ITV classes and WVS on-line classes

Check in the Counseling office for offerings and times.