COURSE DESCRIPTION BOOK 2025-2026

It is the policy of the School District of Crandon that no person be denied admission to any public school in this district participation in, be denied the benefits of, or be discriminated against in any curricular, extracurricular 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. Stat. This policy also prohibits discrimination as defined by Title IX of the Educational Amendments of 1972 (sex), Title VI of the Civil Rights Act of 1965 (race and national origin), and Section 504 f the Rehabilitation Act of 1973.

Updated Aug 14, 2025

TABLE OF CONTENTS

CHS COURSE OFFERINGS 2025-2026

GENERAL INFORMATION

I. General Information

Crandon High School serves grades 9, 10, 11, and 12; students who are enrolled in Crandon Middle School may also be eligible for core content classes should they meet the criteria established by the Wisconsin Department of Public Instruction and/or the School District of Crandon Board of Education. Any student taking high school level courses while in middle school will be awarded high school credit. The grade received in the high school course (s) will be on the high school transcript. The health credit required for graduation is earned in 8th Grade.
NOTE: Wisconsin Civics Graduation Requirement
In order to receive a high school diploma, students must meet the Civics Test Requirement outlined by Wisconsin State Act 59.

II. School Year

The school year consists of two semesters. Each semester is divided into two quarters; progress reports are sent out at the end of each quarter. There are seven periods per day.

III. Scheduling

Scheduling for both semesters is done during the second semester for the following year. A maximum of seven classes may be taken per semester at the high school. Pursuant to WI Statute 118.13 (1), students may not be excused for work during school hours except for those on credit work programs. All Advanced Placement, Start College Now, Early College Credit, Transcripted Credit, and Dual Credit Programs/Courses will award credit and abide by grading policies per state and partnering institution requirements.

IV. Educational Programming

The Wisconsin Department of Public Instruction launched an initiative to graduate all students to be college and career ready through knowledge, skills, and habits. Knowing there are numerous pathways that students explore and pursue after high school, our district has developed pathways that match students' post-secondary plans, which will guide students through their high school coursework.

Pathways: Our goal is to have students enroll in classes that are purposeful and valuable either through the building of foundational skills or through content/skill development that aligns with the student's plans after high school. Required courses are applicable to all students regardless of pathways, as they meet graduation requirements and/or provide foundational skills needed to function in the world.

4 Year Post-Secondary: Learners are set on a path that prepares students for four year post-secondary options and the careers that require such education. Courses beyond the general education requirements will be matched to desired career goals, interest, and skill level.

2 Year Post-Secondary: Learners are put forth on a plan that blends programming that includes

preparatory courses for higher education learning in a trade, but also provides the foundational skills needed to be ready for either a technical program, trade, or workforce.
Workforce: Learners of all skills and talents graduate with credentials that contribute to being career and workforce ready.

V. Courses

All courses are given the credit value listed in the description. Usually .5 credit is granted after satisfactory completion of one semester of work, unless otherwise noted. Up to 7 credits per year may be earned on a regular schedule.

Pass/Fail Courses: Pass/Fail grades are offered on some courses such as tutoring, aides, work study, assessment preparation, etc. A student may take 2 semesters (1 yr.) of pass/fail courses during their four years of high school to earn 1 credit. Additional courses of Pass/Fail grade may be taken but no credit will be given.

VI. Credit Requirements

Content Area	Credit Requirements
English	4.0
Fine Arts (Art, Music, or Band)	1.0
Mathematics	3.0
Physical Education	1.5
Science	3.0
Social Studies	4.0
Technical Arts (Tech Ed, FACE, Business, or Digital Productions)	1.0
Additional Electives	5.5
Total Credits:	23.0

Beginning with the Class of 2028, students will be required to take Personal Finance for .5 credit. Therefore, they will need 5 credits of electives.

VII. Course Requirements

English-4 credits
- English 1
- English 2
- English 3
- One credit from the following: World Lit, Communications, Written Communications, or Technical Writing.

CHS COURSE OFFERINGS 2025-2026

Social Studies-4 credits

- World Studies
- Foundations of Government
- American History
- Economics & Sociology

Mathematics-3 credits

- 3 credits from any of the following:
  - Algebra
  - Geometry
  - Algebra II
  - Consumer Math
  - Trig/Pre-Calculus
  - Statistics

Science-3 credits

- Physical Science
- Biology
- Third Year of Science (Chemistry, Ecology I, Ecology II, Anatomy & Physiology, Forensic Science, Wildlife Science, Advanced Chemistry, or Medical Terminology)

Physical Education-1.5 credits

- Phy. Ed., Personal Fitness, or Lifetime Activities

Honors Graduate Criteria

English	4 credits
Science	4 credits
Social Studies	4 credits
Mathematics**	4 credits
	25 Total Credits

Must have a cumulative GPA of 3.0 or higher

**Math credits for Honors Graduates must include 4 credits from any of the following: Algebra, Geometry, Algebra II, Trigonometry/Pre-Calculus, Calculus or Statistics.

National Honor Society Criteria

Consideration for selection requires meeting character, service, and leadership standards.

25 Total Credits

Must have a cumulative GPA of 3.25 or higher

VIII. Student Evaluation

Letter grades are used to evaluate student work in all subjects. Exceptions to this will be on a case by case basis. Quarter and semester grades are placed on report cards. Semester grades are placed on the permanent record and are used for class ranking purposes.

A	Excellent
B	Above Average
C	Average
D	Below Average
F	Failure
W	Withdrawal
INC	Incomplete
IP	In Progress
P	Pass

IX. Other Agencies

Classes offered by other educational agencies (Nicolet Area Technical College, UW-Colleges) are not listed in this handbook since they are not offered by this school district.

X. Transfer credits from other school districts

Added to the transcript on an equivalent basis.

XI. Independent Study

Independent study is only open to students of senior status and others under special consideration or by teacher approval. The student must receive approval of both the teacher and the principal.

Students will not be allowed to take Independent Study during any of their regularly scheduled classes (i.e., cannot take an Independent Study class first hour if they are already scheduled in another class the first hour).

The teacher providing Independent Study will be responsible to provide 90 hours of work/class per semester credit. A teacher providing Independent Study is doing so on a voluntary basis.

Classes taken through other educational agencies (with the exception of those taken through the Start College Now or Early College Credit Program) must be pre-approved by the principal. A form for course pre-approval can be obtained in the counseling office. Classes that have been pre-approved will be added to the student transcript for proper credit.
See the school counselor for more details.

ART

*All courses open to grades 9-12. Instructor strongly recommends Beginning Drawing to any freshman desiring an art class.

Art courses fulfil the Fine Arts Elective requirements to graduate.

702 Beginning Drawing

1 Semester .5 Credit

Open to all high school students.
Prerequisites: None

What you will learn in this course:

This course is divided into two nine segments. The first nine weeks is developing skills to work on a draw as an adult artist. The second nine weeks is used to put these developing skills to work on a self-portrait in charcoal.

How you will learn in this course:

Students will learn through lecture, video and exercises. The second nine weeks is a studio setting.

Why this course is important:

All students should take this course as a means to develop the visual thinking skills needed in today's visually orientated society. This course is a basic course for art students.

705 Painting

1 Semester .5 Credit

Open to all high school students.
Prerequisites: Beginning Drawing
Course Fee: $6.00

What you will learn in this course:

This course can be viewed as a continuation of Beginning Drawing, adding the art element of color to student work. Painting students will be immersed in color theory. Color theory is then put into practice creating two acrylic-on-canvas paintings.

How you will learn in this course:

Students will learn through lectures and projects. This is a studio art class.

Why this course is important:

This course is important to enhance two-dimensional visual thinking skills and confidence in producing finished artwork. This course is a must for students thinking of a career in the creative arts.

706 Ceramics I

1 Semester .5 Credit

Prerequisites: None

Open to all high school students.

What you will learn in this course:

Students will create pottery in a studio art setting. Ceramics I students will be versed in pinch, slab, coil and sculptural ceramic construction methods. Students will have a working knowledge of staining, painting, under-glazing for finishing their ware.

How you will learn in this course:

This is a studio art class. Lectures, demonstrations, and videos will be utilized.

Why this course is important:

This course is important to artists and non-artists alike as a means of planning and producing three-dimensional objects. This course is a must for three-dimensional thinking skills.

707 Ceramics II

1 Semester .5 Credit

Prerequisite: Ceramics I with a grade of B or higher and instructor consent.

Open to all high school students.

What you will learn in this course:

Students will learn the step-by-step process of forming functional pottery on the potter's wheel. Student assignments are the throwing and finishing of six cylinders, six bowls, and a set of four canisters with lids. Advanced glaze methods are covered. Students will load and fire an electric kiln.

How you will learn in this course:

Students will learn from lecture, research, video and demonstration to create both functional and non-functional finish ceramic ware. This is a studio art class.

Why this course is important:

This course is important for development of three dimensional thinking skills as well as college prep for students.

711 Native American Crafts

1 Semester .5 Credit

Meets requirements for the Global Scholars global coursework.

Open to all high school students.

Prerequisites: None

What you will learn in this course:

Native American Crafts is a bead working class. Students will create beaded rings, bracelets, a daisy chain, a dream catcher, and an applique tobacco pouch.

How you will learn in this course:

Native Crafts is a studio art class. Demonstration and handout instructions will be given for each project.

Why this class is important:

Native Crafts will strengthen pattern recognition and production methods in students. Native crafts will develop cultural pride and understanding of traditional Native art work.

712 Independent Art

1 Semester .5 Credit

To be considered for acceptance for Independent Art, you need to have taken and passed with a B or better in Beginning Drawing AND Painting 1 or Ceramics 1.
Instructor's approval is also needed.

In Independent Art, this is where an artic can grow their skills and knowledge from previous art classes. You are encouraged to be creative while working independently. If you were accepted in Independent Art, the instructor would expect a lot of the students. Students must use their times in the art room wisely and respectfully. Most of the art show materials come from Independent students.

710 Digital Art

1 Semester .5 Credit

Open to all high school students
Prerequisites: None

What you will learn in this course:

You will receive a basic photography overview so you can design/create a strong photographic composition. You will learn basic Photoshop techniques. The goal is to familiarize you with the graphics software through various photo manipulation exercises.

How you will learn in this course:

You will learn through lecture, video, and hands- on exercises.

Why this course is important:

Digital art is another medium to which students can express a feeling, tell a story and show a new perspective. This course is a starting point to help students learn basic skills with software that is used in the professional field of graphic design and photography.

714 Art Appreciation

1 Semester .5 Credit

Open to all high school students
Meets requirements for the Global Scholars global coursework.

What you will learn in this course

You will learn about the Pre-modern movements (1890's) to the present, with a fast paced

coverage of prehistory to Romanticism.

How you will learn in this course

You will learn in this course by video, lecture, and studio projects.

Why this course is important

This class is important because you will be able to read art and understand it. Students will understand that art is a reflection of the society it was created in. Through student projects, students are able to connect to the past through their own art work.

Business

Business courses can fulfill the Technical Arts Requirement.

316 Personal Finance

1 Semester .5 credit

Beginning with the Class of 2028, this course will be a requirement for graduation.

What you will learn in this course:

The personal financial literacy course is a course that helps students learn the concepts related to financial management. Students learn about decision making, outcomes, and potential consequences of such choices. Through practical application, activities, and projects, this course will provide students with the financial concepts needed in the workforce.

500 Introduction to Business

1 Semester .5 credit

What you will learn in this course:

This introductory course is designed to give students an overview of topics and components related to business. Units may include: case studies and simulations related to marketing, international business, business law, business ethics, etc.

506 Accounting I

1 Semester .5 credit

Prerequisite: Junior or Senior status, preferably satisfactory completion of Introduction to Business (B or better) or instructor's consent.

What you will learn in this course:

This is an introduction to the world of accounting and the steps within the accounting cycle. You will learn what the steps are for businesses to track their accounts and how to produce financial statements.

How you will learn in this course:

You will learn by actually performing the accounting process step by step using a mix of technology and creating physical working papers.

Why this course is important:
This course is important to gain a basic understanding of the accounting process.

507 Accounting II

1 Semester .5 credit

Prerequisite: Junior or Senior status, preferably satisfactory completion Accounting I (B or better) or instructor's consent.

What you will learn in this course:
This is a deeper dive into accounting for different types of businesses including sole proprietorships and corporations. You will learn more about the accounting process and be able to interpret and analyze data on financial statements.

How you will learn in this course:
You will use technology and physical working papers to complete the accounting cycle. You will also do managerial and forensic accounting to put your accounting skills and knowledge into practice.

Why this course is important:
This course is important to gain a deeper understanding of how accounting works for businesses and how they use that information to make decisions.

510 Concepts of Business

1 Semester .5 credit

What you will learn in this course:
This course provides opportunities to learn and experience a variety of topics in the field of business with a focus on business management. Students are exposed to various roles in the business world and the various roles within a business structure. Organizational structures will be discussed as well as the different responsibilities each department has in a structured business.

How you will learn in this course:
Course activities involve students in writing, investigating, problem-solving, demonstrating, and reporting.

Why this course is important:

Students will explore concepts of the business world as a whole as well as the economic environment around the world. Other topics that will be discussed in this class include, but are not limited to; financial markets, legal environments, business ownership, management, motivating employees, accounting and finance, and the managing process.

819 Entrepreneurship

1 Semester .5 credit

What you will learn in this course:
This course will aim to operate in a student-directed business simulation with all aspects of local and distant manufacturing, fabrication, and design industries. Using skills developed from the previous technology courses. Using principles of entrepreneurship, students may aid in developing work orders, quotes, ordering materials, maintaining and effectively using equipment, etc. This course will eventually incorporate other disciplines through product development.

English

Four credits of English are required for graduation. Required courses are English 1, English 2, English 3, and one credit from World Literature, Technical Writing, Written Communications, or Communications.

101 English 1

1 Year 1 credit

Required for grade 9

What you will learn in this class:
The English 1 course engages students in the careful reading and analysis of all genres of literature (short story, poetry, novel, etc.). By reading selected literary works, students deepen their understanding and enhance their pleasure in literature. Students analyze a variety of aspects of literature to derive meaning from their experience of reading. Students will critically think about literary works in relation to their own lives and experience as well. Titles studied: *Romeo and Juliet, Speak,* and more!

How students will learn:
Students will learn through the use of a variety of classroom strategies designed to present concepts and information effectively. Students will also work in small groups and give class presentations, where communication and collaboration skills are reinforced.

Why this course is important:
This course prepares students for more advanced English courses and to attend higher level educational institutions. This includes both technical and four year colleges and is a required course for most four year universities.

102 English 2

1 Year *1 credit*

Required for grade 10

What you will learn in this class:

Students in English 2 will master reading strategies to better understand the fiction and nonfiction texts connected to the themes studied throughout the year. Students will complete research projects, media products, and oral presentations to dig deeper into literary devices and techniques. Students in English 10 will analyze, discuss, and write about novels, poems, and drama related to the theme studied in each unit while critically thinking about how these themes correlate in the world or their lives. Titles: *Hobbit, The Curious Incident of the Dog in the Night-time,* and more!

How students will learn:

Students will learn through the use of a variety of classroom strategies designed to present concepts and information effectively. Students will also work in small groups and give class presentations, where communication and collaboration skills are reinforced.

Why this course is important:

This course prepares students for more advanced English courses and to attend higher level educational institutions. This includes both technical and four year colleges and is a required course for most four year universities.

106 English 3

1 Year *1Credit*

Required for Grade 11

What you will learn in this class:

This class is a survey of a range of work produced in the United States from the time of early Native American writers to recent times. Works are chosen to represent diverse ethnic, racial, and social groups in historical, political, and economic context for what they both reflect and reveal about the evolving American experience. Works will include fiction, nonfiction, and poetry. This course will emphasize responding to literature through writing short essays. Vocabulary, word work, and grammar skills are heavily emphasized to create better writers.

How students will learn:

Students will learn how to think critically by reading samples of American Literature guided by thought provoking questions and writing varying sized responses. Analytical writing will be emphasized along with response papers. Students will also work in small groups and give class presentations where communication and collaboration skills are reinforced. Weekly vocabulary lessons coupled with grammar lessons are embedded as needed.

Why this course is important:

This course helps the student understand the contribution American writers have made to the world, along with the social discussions that arise from each generation. This class also

begins the process of creating college ready students. The rigors of academic analysis and writing are strongly reinforced. Whether you are college bound or not, communication is of vital interest to everyone. In addition, the thinking skills developed in class will benefit all as they enter into society as an active member.

110 Technical Writing

Juniors and Seniors

.5 Credit 1 Semester

What you will learn in this course:

This course is intended to make writing applicable throughout the workplace and everyday life. While many English courses focus on stylistic writing, this course will support more realistic applications of reading and writing. Academic and Career planning is necessary for today's society.

How you will learn in this course:

Students will be exposed to different forms of written communication used in and out of the workplace. Including but not limited to formal business letters, invoices, proposals, emails, etc. The intent of this course is to work with local businesses in a number of different ways to allow students to see the value of these job skills. The hopes are that students will also have an opportunity to show their knowledge and skills through different avenues in our community through social media and newspaper outlets.

Why this course is important:

Communication is key in any business. Being able to not only communicate effectively in a verbal sense but also in writing is a necessity for finding success in any job.

114 World Literature I

1st Semester .5 Credit

Open to Grade 12

Meets requirements for the Global Scholars global coursework.

What you will learn in this class:

This class is a survey of important works of world literature from ancient times through the mid-seventeenth century. The course will explore the Ancient World through Shakespeare. This course will emphasize responding to literature through writing short essays and will include one full-length research paper. Vocabulary, word work, and grammar skills are heavily emphasized to create better writers.

How students will learn:

Students will learn how to think critically by reading samples of period literature guided by thought provoking questions and writing varying sized responses. Analytical writing will be emphasized along with response papers. Students will also work in small groups and give

class presentations where communication and collaboration skills are reinforced. Weekly vocabulary lessons coupled with grammar lessons are embedded as needed.

Why this course is important:

This course helps the student understand how literature has evolved from its earliest forms to the social commentary still going on the world today. This course will also continue preparing the student to be successful as they enter into technical or four year college as college level writing will be worked on throughout the course.

119 Communications

1st Semester .5 Credit

Prerequisite: 11th Grade English
Recommended Grade Level: 12
This class is limited to fifteen students.

What you will learn:

Speech: This is an introductory course to develop the student's communication skills through speaking and writing. In speech the emphasis will be on the students' skills, knowledge, and understanding of the public speaking process. Informative, persuasive, and impromptu speeches will be covered requiring research and reasoning skills, audience analysis, outlining, and delivery. Emphasis is on the research, preparation, delivery, and evaluation of informative, persuasive, and special occasion public speaking. Typed formal sentence outlines with works cited will be required. Speeches will mostly be memorized with the help of a few notecards. Listening and critiquing skills will also be addressed. As using words effectively is a large part of speaking well, vocabulary and Language Arts skills will be weekly lessons.

How you will learn it:

Research techniques will be learned in class and applied to individual topics focusing on a topic, developing main points, gathering credible evidence, using transitions, organizing, drafting, revising, editing, and delivering. Through critically analyzing and evaluating both peer and professional speeches, the use of ethics will be employed to learn how to encourage others and how to receive constructive criticism. Each speech will be given a time limit which will require precise word choice to reach the fullest effect.
Weekly quizzes will ensure that the skills are emphasized as well.

Why this course is important:

This class will develop the strategies and intellectual activities necessary to achieve proficiency in all college level courses. The critical thinking aspect is important to develop strategies to become independent thinkers, check facts before making decisions, and not be subject to the whims of others.

120 Written Communication (Duel Enrollment)

1st Semester .5 Credit

Prerequisite: 11th Grade English
Recommended Grade Level: 12

Dual Credit: 3 transcripted credits from Nicolet Area Technical College for Written Communications (10-801-195)

What you will learn:

Develops writing skills which include prewriting, drafting, revising, and editing. A variety of writing assignments is designed to help the learner analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Also develops critical reading and thinking skills through the analysis of a variety of written documents.

Why this course is important:

This class will develop the strategies and intellectual activities necessary to achieve proficiency in a college level course. Students will receive credit for Written Communications 10-801-195, which transfers to most technical colleges and universities in Wisconsin.

Family & Consumer Science

These courses can fulfill the Technical Arts Elective requirement.

602 Culinary Arts

1 semester .5 Credit

Open to grades 9-12
$10.00 Lab Fee

What you will learn in this course:

Introduction to food services will provide students with job entry level skills. With these skills students can enter part time food service jobs. Students may also want to continue in a career path in food service. Projects include quantity food production in the Valentine cookies and taco lab.

How you will learn in this course:

Students will have differentiated instruction; students will have several projects, power points, classroom activities, lab activities in the kitchen, hands-on instruction. Field trip includes Nicolet Area Technical College Culinary Arts Program.

Why this course is important:

Culinary Arts is one of the largest industries in the United States. There are many job opportunities for well trained, energetic employees. Some students may choose a career as a chef, or choose part-time positions to help support themselves while pursuing another career.

606 Culinary Arts II

1 semester .5 Credit

Open to grades 9-12
Prerequisites: Culinary Arts

What you will learn in this course:
In this class you will study food terms, equipment, and measurements. Look at food safety and sanitation, recipe reading, baking, learning how to create sauces, stocks, and soups, and meal management. There will be emphasis on the art of cooking and prepping meals from scratch. You will be preparing food on a weekly basis and making healthy modifications to a variety of recipes. It is important to stay up-to-date with all homework assignments and projects.

How you will learn in this course:
Students will have differentiated instruction; students will have several projects, power points, classroom activities, lab activities in the kitchen, hands-on instruction.

Why this course is important:
Culinary Arts is one of the largest industries in the United States. There are many job opportunities for well trained, energetic employees. Some students may choose a career as a chef, or choose part-time positions to help support themselves while pursuing another career.

601 History of Foods

1 semester .5 Credit
Open to grades 9-12

This semester course is designed to give students an understanding of the evolution of food and dietary habits of mankind.

604 Concessions

1 or 2 semesters .5-1 Credit
Open to grades 9-12
Prerequisites: Culinary Arts

An advanced level course for students in grades 9-12, and who have completed Culinary I. In this hands-on class, students will plan and prepare food items to be sold at school sporting events and other campus activities. Students will learn the fundamentals of high volume cooking, safe food handling, time management, and customer service. Emphasis will be placed on menu planning, budgeting, inventory control, marketing, and teamwork. This class provides practical experience in running a small food business while reinforcing culinary techniques and professionalism in a fast-paced environment.

Mathematics

Three credits of Mathematics are required to graduate.

306 Algebra I

1 Year 1 Credit
Grade levels 9th -12th
Prerequisite: 8th grade Math or Teacher Approval

What you will learn in this course:
This course introduces students to the use of variables and their properties which will lead to the basic technique of problem solving. Students are made aware of the properties of real

numbers and how these numbers are used in procedures for solving first and second-degree equalities and inequalities, forming and evaluating formulas, and developing and interpreting math-related graphs. This course is the bridge from concrete to the abstract study of mathematics. Real-world applications are presented within the course content to help students make the connection from algebra concepts to real-world application.

How you will learn in this course:

The basic driver for this course is the algebra textbook. The student will learn through lecture and discussion, hands on homework problem solving, and collaborative group activities. Smartboard activities, technology guides and graphing calculators are used to enhance student learning. This course will enhance the student's problem solving skills through the world of algebra.

Why this course is important:

Algebra is the cornerstone in developing the student's foundation for the study of the mathematical series of geometry, advanced algebra, trig, and calculus. In addition, students will continue to develop problem solving skills and learn to take their learning from the concrete and transform this to abstract ideas.

307 Geometry

1 Year *1 Credit*

Grades – 9th – 12th grades

Pre-requisites: Algebra I

What you will learn in this course:

In this course students will become aware of the basic geometric figures beginning with points, lines, angles and planes. Students will learn the relationships between these geometric figures through geometric constructions, proofs emphasizing deductive reasoning and real-world application activities. Students will also learn solid coordinate geometric topics that will continue building problem solving techniques through the use of ratios and proportions. Students will learn area, volume, perimeter, graphing logic, transformations and an introduction to right triangle trigonometry.

How you will learn in this course:

The basic driver for this course is the Geometry textbook. The student will learn through lecture and discussion, hands on homework problem solving, collaborative group activities, and assessments. Smart board activities, technology guides and graphing calculators are used to enhance student learning. This course will continue to build the student's problem solving skills through the world of geometry.

Why this course is important:

Geometry continues to build on the basic mathematical foundations found in algebra and continues students' growth in the traditional area of mathematics including algebra, geometry, advanced algebra and trig/calculus. The critical thinking, problem solving and writing developed in this course will serve the student well in whatever career choices they make in the future.

308 Trigonometry/Precalculus

1 Year *1 Credit*

Grades 11th and 12th grades

Prerequisite: Algebra II and Instructor's Approval

What you will learn in this course:

Students will investigate and build on functions from previous coursework, and expand to the trigonometric functions, exponential and logarithmic functions, polynomial functions, and series and sequences. Students will learn general properties that apply to all functions so that mathematical modeling can be used to solve real-world problems.

How you will learn in the course:

A traditional math instructional format is used where students will actively participate in large group discussions where key vocabulary is discussed and pertinent examples are modeled. Students will gain knowledge by studying concepts using four representations: numerical, algebraic, geometric, and verbal. Students will also be given the opportunity to investigate concepts through guided discovery. Students will work in small groups and give class presentations, where communication and collaboration skills are reinforced. Students will be given daily assignments to practice concepts, weekly assessments to monitor learning, and unit tests to assess learning.

Why this course is important:

This course prepares students for more advanced college mathematical courses, and will be important for students planning careers in business, engineering, science, and the medical field. The goal of this course is to introduce students to college mathematics and to provide a foundation for future calculus courses.

309 Algebra II

1 Year *1 Credit*

Grade 10^{th} – 12^{th} grades.

Prerequisites: Algebra I and Geometry

What you will learn in this course:

Students will investigate and build on algebra and geometry concepts from previous coursework. Through the study of functions, students will apply mathematical concepts to the domains of business, economics, science, life and vocational skills, and leisure activities. These functions include linear equalities and inequalities, matrices, quadratics, exponential, logarithmic, polynomial, rational, radical and the conic sections.

How you will learn in the course:

A traditional math instructional format is used where students will actively participate in large group discussions where key vocabulary is discussed and pertinent examples are molded. Students will also work in small groups and give class presentations, where communication and collaboration skills are reinforced. Students will be given daily assignments to practice concepts, weekly assessments to monitor learning, and unit tests to assess learning.

Why this course is important:

This course prepares students for more advanced mathematical courses and to attend higher level educational institutions. This includes both technical and four year colleges and is a required course for most four year universities.

311 Advanced Placement Statistics

1 Year *1 Credit*

Grades 11th & 12th

Prerequisite: Algebra II

What you will learn in this course:

This statistics class will introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating Patterns: Exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypotheses

How you will learn in the course:

In this course you will learn by conducting experiments, recording data, and drawing conclusions.

Why this course is important:

Statistics is the science of collecting, analyzing and making inferences from data. It is important for researchers and also consumers of research to understand statistics so that they can be informed, evaluate the credibility and usefulness of information, and make appropriate decisions.

316 Consumer Math

1 Year *1 Credit*

Grades 11th & 12th

Prerequisite: Algebra I and Geometry

What you will learn in this course:

Arithmetic of Whole Numbers, Operations with Fractions and Decimals, Ratios, Percents, Proportions, Measurement, Pre-Algebra, Basic Algebra, and Intermediate Algebra, Practical Plane Geometry, Solid Figures, Triangle Trigonometry, and Statistics

How you will learn in the course:

The basic driver for this course is the Mathematics for the Trades textbook. The student will learn through lecture and discussion, hands on homework problem solving, and collaborative group activities. Smartboard activities and graphing calculators are used to enhance student

learning. This course will enhance the student's problem solving skills through answering real life problems.

Why this course is important:

This course equips you with a mathematical foundation for technical and vocational trades, including electrical trades, automotive trades, plumbing, allied health, construction and many more. Concepts are presented entirely within the context of practical on-the-job applications, making the math tangible and relevant. A new Case Study at the end of each chapter delves into a real-world application, using many of the skills from that chapter to solve an extended problem.

Music

Music courses can fulfill the Fine Arts Elective requirement.

751 Senior Band

1 Year *1 Credit*

Open for students in Grades 9-12

Prerequisites: Previous instrumental music experience or permission from director.

What you will learn in this course:

This ensemble studies and performs music from selected composers and styles. Students will be exposed to the fundamental elements of music, music appreciation, compositional styles, and music theory.

How students will learn in this course:

Students will learn through ensemble preparation and participation in a variety of performances. These will include concert band, pep band, marching band, solo and ensemble, and large group festival. Students will learn through individual playing and group playing. Individual or small group lessons two times each quarter will assist in the students' progress.

Why this course is important:

Through participation in this class students will expand their understanding of music and how to play the repertoire. They will gain insight to how an ensemble works together; and will have the basis for a lifetime of music appreciation.

PHYSICAL EDUCATION

1.5 credits of Physical Education are required to graduate.

NOTE: Any medical conditions that a student does not participate in at least 5 weeks of the quarter will need to take the quarter over.

012 Physical Education I

1 Semester *.5 Credit*

Recommended Grade Level: 9-10

Prerequisites: None

Course Description:

Students will get to experience everything that is offered in the High School Physical Education Department in this course. This course will include, depending on the season: individual sports, team sports, racquet sports, outdoor pursuits, fitness testing and fitness planning.

009 Personal Fitness

One Semester *.5 Credit*

Recommended Grade Level: 10-12

Prerequisites: Physical Education I

Course Description:

This course will focus on improving cardiovascular endurance, muscular strength, flexibility and body composition. Students will assess their fitness level and utilize a fitness plan that they create to achieve personal goals. Students should expect to weight train, run, stretch and participate in fitness enhancing games and drills. All athletes are encouraged to take this class.

017 Lifetime Activities

One Semester *.5 Credit*

Recommended Grade Level: 9-12

Prerequisites: PE 1

Course Description:

Lifetime Activities provides activities designed to introduce various skills that will enhance both mental and physical well-being. Emphasis is on skill development, safety practices, team work, fitness, and outdoor survival skills. Skills include but are not limited to walking, archery, games, horseshoes, obstacle course, snowshoeing, and a variety of outdoor experiences. In order to take this class you must have a love for the outdoors and be willing to go outside during all elements of the weather.

NOTE: It will be required for you to keep snow pants, boots, hats, and gloves in your locker during the winter months.

000 Adaptive Physical Education

One Semester *.5 Credit*

Recommended Grade Level: 9-12

Prerequisites: Staff Recommendation

Course Description:

This course is designed to meet the needs of the individual student.

Science

Three credits of science are required to graduate.

401 Physical Science

1 Year *1 Credit*

Required for Grade 9

What you will learn in this course:

The physical science course introduces high school students to the broad spectrum of science by integrating chemistry and physics. Topics to be investigated are science skills and conversions, matter, states of matter, properties of matter, atomic structure and the periodic table, bonding, chemical reactions, solutions, acids and bases, force and motion, work & energy, simple machines, waves, sound, light, electricity, the solar system, the universe, our planet, the atmosphere, and natural resources.

How you will learn in this course:

Objectives will be obtained through a variety of learning approaches. Textbooks will be used as an alternative source of information; however, most information will be discussed in class through lectures, group discussions, activity worksheets, laboratory experiments, reinforcement activities and projects, study guides, reviews, and assessments.

Why this course is important:

In class, students will develop skills in observation, objective analysis, scientific inquiry, and in oral and written communications. Students will participate in activities that will allow them to learn data collection procedures and reporting results to the class. Activities will be designed so students are able to use scientific inquiry along with critical thinking skills to solve scientific problems. Students will present information from both a factual standpoint and an opinion standpoint to analyze problems from multiple perspectives.

402 Biology

1 Year *1 Credit*

Required for Grade 10

Prerequisite: Physical Science

What you will learn in this course:

Students will learn about the various scientific concepts, principles, and methodologies of biology, the study of living things. The study of biology focuses on patterns, processes, and relationships of living organisms. This course will explore how individual organisms are constituted and how these structures function to support life, growth, behavior, and reproduction. In addition, this course will explain how organisms obtain energy, how they interact within and between species, the mechanisms of genetic inheritance and biological evolution.

How you will learn in this course:

Investigative labs relating to the class topics, lecture, discussion, and demonstrations will be used to present information. Students will develop skills in observation and in objective

analysis, in scientific inquiry, and in oral and written communications. Students will participate in studies that allow them to learn data collection procedures and reporting results to the class.

Why this course is important:

The study of biology connects us to the world we are living in and reminds us of our interconnectedness with all other life forms. By studying biology, students learn to make more informed decisions about their own health and about significant biological issues. The study of biology prepares students to become scientifically literate citizens.

403 Chemistry

1 Year *1 Credit*

Prerequisite: Algebra I and a C or better in Biology (or instructor's consent). Must be concurrently enrolled in Algebra II.
Recommended Grade Level: 11 - 12

What you will learn in this course:

Students will be introduced to topics of chemistry to ultimately be able to connect atomic structure to components of our physical world. This chemistry course introduces high school students to the study of the basic principles of chemistry including atomic structure, periodic properties of elements, chemical bonding, molecular structure, physical properties of compounds, chemical reactions, stoichiometry, equilibrium, thermodynamic and kinetic aspects of chemical reactions, acid-base reactions, precipitation reactions, redox reactions, organic compounds, and nuclear reactions.

How you will learn in this course:

Objectives will be obtained through a variety of learning approaches. Textbooks will be used as an alternative source of information; however, most information will be discussed in class through lectures, group discussions, activity worksheets, laboratory experiments, reinforcement activities and projects, study guides, reviews, and assessments.

Why this course is important:

Chemistry is the study of matter, its composition, structure, properties, and how it changes, especially in chemical reactions. If we look at the world that surrounds us, there isn't much that we can come across that doesn't relate to chemistry. The ability to understand and manipulate chemicals is what is responsible for everything from the food on our tables to the medicine that can cure us. Without chemistry, the world would be a very mysterious place, and chances are, we wouldn't be living the same lives we currently live. Chemistry is involved in everything; it is the basis of life, without chemistry we wouldn't exist.

406 Medical Terminology (Dual Enrollment)

1 Semester *.5 Credit*

Offered Fall semester.
Recommended Grade Level: 10-11- 12
Prerequisite: None

Dual Credit: 3 transcripted credits to Nicolet Area Technical College 31-501-101 if students earn a "C" or higher

What you will learn in this course:

This course will focus on the component parts of medical terms: prefixes, suffixes, and root words. The students will 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 system and surgical terminology.

How you will learn in this course:

Project Based Learning, Instructor Led, Independent Learning, Computer Based Learning, Cooperative Learning

Why this course is important:

This course is a requirement for entry into almost any health care-related career. The ability to recognize, understand, spell, and pronounce basic medical terms, identify medical abbreviations, and decipher unfamiliar words using roots, suffixes and prefixes is a necessary tool to perform well in any medical setting. Students who complete the class with a "C" or higher will receive 3 transcripted credits to Nicolet Area Technical College 10-501-101 Medical Terminology.

408 Advanced Chemistry

1 Semester .5 Credit

Offered Spring semester.

Pre-requisite: B or higher in Chemistry, C or higher in Algebra, OR teacher approval

What you will learn in this course:

Offered Fall semester.Advanced chemistry will continue the topics of general chemistry focusing on review of year 1 and continuing with solution chemistry, acids and bases, and organic chemistry. Content covered will be applied often problem-solving and experiments with a focus on connecting topics. For students with a strong interest in science or planning to take chemistry in college.

How you will learn in this course:

The focus of this course is hands-on, experimental applications of the topics, but we will also learn through demonstrations, in-class practice and problem solving.

Why this course is important:

Advanced chemistry will be beneficial for students going into the medical field, engineering, pharmacy, or research. We will add to the General Chemistry topics, with equilibrium, acids and bases, redox and organic chemistry introduced to provide a strong background preparation for further study.

410 Ecology I

1st Semester .5 Credit

Offered Fall Semester only.
Recommended Grade Level: 11-12
Prerequisites: Successful completion of Physical Science and Biology
Meets requirements for the Global Scholars global coursework.

What you will learn in this course:

Ecology is a one semester, ½ credit course. This course studies the processes regulating the distribution and abundance of organisms and the interactions among them, and the study of how these organisms in turn mediate the transport and transformation of energy and matter in the biosphere (i.e., the study of the design of ecosystem structure and function). Ecology includes a study of basic ecological principles, forestry, soils, and land use.

How you will learn in this course:

Investigative labs relating to the class topics, lecture, discussion, and demonstrations will be used to present information. Students will develop skills in observation and in objective analysis, in scientific inquiry, and in oral and written communications. Students will participate in studies that allow them to learn data collection procedures and reporting results to the class.

Why this course is important:

The purpose of ecology is to provide knowledge about the way the world works and provide evidence on the interdependence between the natural world and people. A better understanding of ecological systems will allow society to predict the consequences of human activity on the environment.

412 Wildlife Science

1-2Semesters .5-1 Credit

What you will learn in this course:

Wildlife Science offers an engaging exploration of the entire animal kingdom, from the simplest sponges and worms to complex birds and mammals. Students will investigate all major animal classifications, learning about structure, function, evolution, habitats, and ecological roles.

How you will learn in this course:

Through hands-on labs, field observations, and interactive projects, students will develop skills in scientific observation, classification, and conservation awareness.
Students will experience various animal science concepts through exciting "hands-on' activities, projects, and problems.

Why this course is important:

Emphasis is placed on real-world connections and fostering an appreciation for biodiversity and the importance of wildlife in global ecosystems.

414 Ecology II

2nd Semester .5 Credit
Offered Spring Semester only
Recommended Grade Level: 11-12
Prerequisites: Successful completion of Physical Science and Biology
Meets requirements for the Global Scholars global coursework.

What you will learn in this course:

Environmental Science is a one semester, ½ credit course that combines components of earth science, biology, chemistry, ecology, and environmental ethics as they apply to the study of our natural resources, including natural and man-made processes that affect global change. Environmental Science includes a study of environmental problems and their causes, human population and urbanization, climate, renewable and non-renewable resources.

How you will learn in this course:

Investigative labs relating to the class topics, lecture, discussion, and demonstrations will be used to present information. Students will develop skills in observation and in objective analysis, in scientific inquiry, and in oral and written communications. Students will participate in studies that allow them to learn data collection procedures and reporting results to the class.

Why this course is important:

Our nation's future will depend on citizens who are informed stewards of our environment which sustains us, our families and communities, and future generations. Environmental Science can help us make connections between economic prosperity, benefits to society, environmental health, and our own well-being.

416 Forensic Science

1 Semester .5 Credit
Recommended Grade Level: 11-12
Prerequisites: Physical Science and Biology

What you will learn in this course:

Do you watch television crime shows and wonder if Forensic Science is realistically that efficient and perfect? Have you ever considered Forensic Science as a career you'd be interested in? This course will provide a brief introduction to Forensic Science, the history of Forensic Science, explain the different specialty areas of a forensic laboratory, and discuss the responsibilities of a Forensic Scientist. Forensic Science is such a rich and colorful applied science that is woven with both science and the law to provide information. It can both exonerate and incriminate through the use of time tested techniques and cutting edge technology. Jump right in and begin learning about this fascinating world of crime and intrigue, and how both are uncovered! Topics include the history of forensic science, crime scene investigations/analysis, human remains identification, autopsy and the role of the

medical examiner, forensic anthropology, forensic entomology, analysis of organic materials, forensic toxicology, fingerprinting and handwriting analysis, blood, ballistics and DNA evidence.

How you will learn in this course:

There are a variety of assignment types in each unit. For example, you will, at various times, be expected to read and solve problems and questions, complete projects, carry out labs, participate in the class discussion, and take necessary quizzes or tests. A cumulative exam is required at the end of the semester.

Why this course is important:

Scientific discoveries have made a significant impact in the course of Forensics as it applies to the law. Today, courts rely upon scientific evidence in addition to legal arguments, deductive reasoning and eyewitness accounts. This has drastically improved the process for both the victim and the accused. With Forensic Science we can often find out details which lead us to the truth even when the perpetrator is not forthcoming. Forensic science is a growing career pathway which may be of interest for a future career. Forensic science teaches us to think scientifically and to be more careful observers of the world around us as both scientists and citizens.

N456 Anatomy and Physiology (Dual Enrollment)

1 Year *1 Credit*

Recommended Grade Level: 11-12

Prerequisite: Biology and Chemistry

Dual Credit: 4 transcripted credits to Nicolet Area Technical College

*Note: Students who earn a C or better in Chemistry and Anatomy may apply for early admittance to the Nursing Program at Nicolet Area Technical College

What you will learn in this course:

Examines basic concepts of human anatomy and physiology as they relate to health sciences. Using a body systems approach, the course emphasizes the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. It is intended to prepare health care professionals who need to apply basic concepts of whole body anatomy and physiology to informed decision-making and professional communication with colleagues and patients. (This course also provides the foundation, and is a prerequisite to Advanced Anatomy and Physiology.)

How you will learn in this course:

Students will utilize Mastering A&P website which has many tools like PAL.30 to learn structures, videos, interactives, ebook, and more. In class students will be active participants in discussions, hands on activities and labs, use Anatomy and Clay models to build the structures in the body systems.

Why this course is important:

Anatomy and Physiology is all about you. It is interesting and challenging. It is fun to solve mysteries and figure out what is happening in the human body to make us work, and sometimes what is going wrong that makes us not work as well. If you are interested in any medical field (doctor, nurse, therapist, athletic trainer, EMT, paramedic, medical

technologist, etc.) or if you are just interested in finding out how your body works, this is a great course for you.

Social Studies

Four credits of Social Studies are required. Students must take World Studies, Foundations of Government, American History, Economics, and Sociology.

200 World Studies

1 Year *1 Credit*

Required for students in grade 9.

Meets requirements for the Global Scholars global coursework.

What you will learn in this course:

Students enrolled in World History will conceptually learn the narrative of human civilization. This includes social structure, the rise of cities, language, the growth of government, the use of writing, religion, daily life, and the arts. Students will also learn about the geography of these human civilizations.

How you will learn in this course:

Students will be active learners in world History. Students will complete several projects throughout the course of the year, and in the process, become better readers, researchers, problem solvers, users of technology and cooperative learners.

Why this course is important:

As a result of World History, students will gain an understanding of the physical world, as well as an appreciation for other cultures.

201 Foundations of Government

1 Year *1 Credit*

Required for students in Grade 10.

What you will learn in this course:

Students will gain an understanding of national, state and local government while examining the principles, origins and framework of democracy.

How you will learn in this course:

Students will learn through a variety of classroom strategies designed to effectively present concepts and information. These include lecture, active discussion, reading of textbooks and primary materials, films and projects.

Why this course is important:

Students will gain an understanding of the rights and responsibilities of being an American citizen, and a general knowledge of our political system and the workings of government.

202 American History

1 Year *1 Credit*

Required for students in Grade 11.

Meets requirements for the Global Scholars global coursework.

What you will learn in this course:

This course will provide students with a general knowledge of American History from 1865 to present. The political, economic, cultural history of the United States will be presented.

How students will learn in this course:

Students will learn through the use of a variety of classroom strategies designed to present concepts and information effectively. These include lecture, active discussion, reading of textbooks and primary source materials, projects and films.

Why this course is important:

The concepts learned in this course will give students a greater appreciation of American History and its influence on our country today. In addition students will gain an understanding of America's role in a global world.

203 Economics

1st Semester *.5 Credit*

Required for students in Grade 12

Meets requirements for the Global Scholars global coursework.

What you will learn in this course:

Economics is the study of choices people make due to unlimited wants and scarce resources. Macro and micro economic concepts and institutions will be defined and identified. In addition, an extensive unit on investing along with a 10 week stock market simulation will be played. Current events will also be discussed.

How students will learn:

Students enrolled in Economics will not only explore the important concepts but will also work on their writing, reading, leadership and organizational skills. Also, students will be given the opportunity to use computers and technology.

Why this course is important:

Students will gain an understanding of economic concepts such as scarcity, inflation, investing, money and banking, GDP, unemployment and economic systems. Using examples from the real world, students will make connections between what they are learning and their own lives. This class will also prepare students for careers within the accounting and business fields.

204 Sociology

2nd Semester .5 Credit

Required for students in Grade 12

Meets requirements for the Global Scholars global coursework.

What you will learn in this course:

Sociology is the study of human society and social behavior. Units on population issues, education, crime, discrimination, environmental quality, abuses, poverty, and terrorism will be presented. Current events will also be discussed.

How students will learn:

Students enrolled in Sociology will not only explore the important concepts but will also work on their writing, reading, leadership and organizational skills. Also, students will be given the opportunity to use computers and technology.

Why this course is important:

This course relates the role individuals, institutions and events play in recurring and emerging human problems. This class will also prepare students for careers within the fields criminal justice, education, human services, government and demography.

211 Advanced Placement Psychology

1 Year *1 Credit*

Must be a Junior or Senior

Must have a 3.0 Cumulative GPA or higher

What you will learn in this course:

This course is designed to provide students with the basic principles, concepts, and the scientific approach to the study of behavior and mental processes. Through psychology we will try to understand the answers to questions about all of us; how and why we think, feel, and act as we do. The focus of this course is to give an overview into traditional psychology attempts to understand or explain behavior in terms of the workings of the central nervous system, the interaction of genetics (“nature”) and the environmental (“nurture”) influences, the ways in which we sense and mentally represent the world, the roles of learning and motivation, and the nature of personality and social interaction. Topics discussed included research methods, the biology of behavior, sensation and perception, stress and adjustment, learning, memory, cognition, motivation, emotion, life-span development of behavior, personality, abnormal behavior and its therapies, social behavior and individual differences.

How students will learn in this course:

Students enrolled in Psychology will not only explore the important concepts in the field, but will also work on their research, writing, reading, leadership and organizational skills. Also, students will be given the opportunity to use computers and technology. The course consists of several labs, hands-on activities, and projects using the scientific method.

Why this course is important:

This course is intended to prepare students to take the AP Psychology exam to earn college credit.

Technical Education

These courses are intended to give students both background knowledge and "hands-on" experience. Courses in Technical Education can fulfill the Technical Arts Elective requirement to graduate.

872 Woods I

One Semester *.5 Credit*

Grades 9-12

What you will learn in this course:

Students in this course will learn the basic functions of woodworking. Students will learn about the different types of wood and building materials along with the advantages and disadvantages of each. Students will also be introduced to different types of joinery and gluing methods. It is also required that students learn how to use the tools properly and safely. Shop maintenance and general overall safety in the workplace will also be a major part of the curriculum.

How will students learn in this course:

This class uses a variety of different styles of learning. Students will have lectures on various aspects of the class along with demonstrations. There are also opportunities for students to work in groups as part of team learning exercises. Most of the learning will be hands-on with one on one instruction due to the variety of projects that are built in the lab.

Why this course is important:

This course introduces students to the tools and machines used in industry and how to use them. Students are also introduced to building materials and processes used in woodworking and construction.

873 Advanced Woods

One Semester *.5 Credit*

Grades 10-12

Prerequisite: Woods I

What you will learn in this course:

This is an advanced woodworking class. Students will learn building processes and about building materials that are best for their projects. Joinery, finishing, clamping, and jig building are just a few of the topics covered in this course. Students in this class will be expected to design their own project, build the project, and then assess the work they have done.

How students will learn in this course:

This class is a hands-on class.

Why this course is important:

This course offers students the ability to gain in-depth knowledge in the woodworking field.

815 Construction Technology

One Semester *.5 Credit*

Grades 10-12

Prerequisite: Woods I & Woods II

What you will learn in this course:

Students will learn the basic building process in this class. Things like: framing, electrical, plumbing, roofing, siding, etc. are covered in this course. Students will be shown how to safely use the tools associated with the construction industry. Things like building codes and other construction vocabulary that businesses require employees to know will be discussed.

How students will learn in this course:

There is a little lecture in this course but for the most part it will be demonstration and hands on learning. Students will be expected to show up every day ready to work and will be graded on their studio work ethic. Students will be typically working in a group, which means your group members will be depending on you. Failure to meet work ethic standards could mean disciplinary action.

Why this course is important:

This course introduces students to the construction industry and what will be expected of them if they choose to enter this field as a career. It is a great way for students to learn about construction and decide if it is a career path that they want to pursue.

800 CADD

One Semester *.5 Credit*

Grades 10-12

What you will learn in this course:

Students will learn the design process of most manufacturing processes. Students will learn everything from rough drafts to a final 3-D style drawing. The biggest part of this course will be learning how to use the CADD software to develop a product. This course also has a section on home design and how communities are designed.

How will students learn in this course:

This class is very heavy on demonstration and hands on learning. There are a few lectures but most learning will take place from demonstration and hands on.

Why this course is important:

The course introduces students to the design process. There are many different career paths that a student could go onto from this course: Engineering, Architecture, Manufacturing, etc. This course is strongly suggested if you are interested in any of these fields.

835 Welding Processes

One Semester *.5 Credit*

Grades 9-12

What you will learn in this course:

Students will learn the different techniques and theories of welding and metal fabrication. Welding processes such as: SMAW, OAW, Soldering, GMAW, etc. will be introduced and performed by the students. Students will also be introduced to the different types of filler metals and welding gases used in industry today. Students will also build a metals project using these welding processes.

How students will learn in this course:

This class is about 60% hands-on and 40% demonstration and lecture.

Why this course is important:

This class should be taken by a student interested in Welding as a career choice. Students will get a complete welding experience that will help students determine whether or not it is a career path they want to follow.

836 Advanced Welding and Fabrication

One Semester *.5 Credit*

Grades 10-12

Prerequisite: Welding Processes

What you will learn in this course:

Students will be expected to be able to perform the basic welding techniques and use the different welding processes demonstrated in class. Students will learn about the different welding codes and terminology associated with the welding field. Students will also learn the basics of weld inspection and will inspect their welds throughout the course. At the end of this course students will be expected to be able to pass a welding certification style test.

How students will learn in this course:

This class will be basically all demonstration and hands-on learning.

Why this course is important:

Students that plan on manufacturing and welding as a career will benefit from this course because this class will really prepare them for Post-Secondary training or even just entering the workforce. After completing this course students will be eligible to take a transcripted credit course for SMAW welding.

870 Automotive Technology

One Semester *.5 Credit*

Grades 10-12

Prerequisite: Small Engines

What you will learn in this course:

Students will be introduced to automotive technology. We will go through the basic parts and their function on an automobile. Students will be required to learn each of these parts and their function. Students will also be introduced to auto shop work ethic and the basic functions that a typical mechanic is expected to perform. Students will also be expected to do simple maintenance on a vehicle: oil changes, tire balancing, tire rotation, change brake pads, etc. By the end of the semester students will be expected to perform these basic tasks.

How students will learn in this course:

Students will learn through a variety of lectures, videos, demonstrations, and most importantly hands on experience.

Why this course is important:

This course introduces students to automotive technology and will give them a good understanding of whether or not they want to pursue this field as a career. The course is also required if a student wants to take Advanced Auto.

871 Advanced Auto

One Semester *.5 Credit*

Grades 10-12

Prerequisite: Small Engines & Automotive Technology

What you will learn in this course:

Students in this course will learn in depth about the automotive design and technologies. This class will deal mostly with troubleshooting and fixing problems on vehicles. Students will be expected to bring in vehicles and perform advanced repairs to vehicles. Things discussed will be ODB II system and the latest diagnostic equipment.

How students will learn in this course:

This class is just about all hands on learning.

Why this course is important:

This is a must have course for students that are serious about entering the automotive field.

818 Print Reading for Manufacturing

One Semester *.5 Credit*

Grades 9-12

Prerequisite: None

Develops print interpretation skills needed in metal fabrication. Learners study orthographic projection, dimensioning, welding symbols and bill of materials. Learners apply concepts in hands-on activities, practicing basic layout skills and safe operation of saws, shears and drills. Students will receive a transcripted credit through Nicolet College after successfully completing this course.

817 Gas Metal Arc Welding on Carbon Steel

One Semester *.5 Credit*

Grades 9-12
Prerequisite: None

Students will develop skills in gas metal arc welding. Learners use the "mig" process in all positions on carbon steel. Required welds include fillet and groove welds with short circuit, spray and pulsed spray transfer. Weld quality is assessed per AWS D1.1 Structural Steel Code. Lab, Lecture. Students will receive a transcripted credit through Nicolet College after successfully completing this course.

Solidworks for Welding

One Semester *.5 Credit*

Grades 9-12
Prerequisite: None

This course is designed to give students hands-on experience using SolidWorks three-dimensional Parametric CAD software. SolidWorks is a mechanical design software that takes advantage of the familiar Microsoft Windows graphical user interface. The students will use the software to create three-dimensional solid parts and assemblies. The students will also create orthographic projections from solid geometry. Students will receive a transcripted credit through Nicolet College after successfully completing this course.

World Language

721 Spanish I

1 Year *1 Credit*

Prerequisite: Freshmen must have 2 or less wrong on the Spanish placement test and have 8th grade English teacher's recommendation.

What you will learn in this course:

Students will learn to communicate in Spanish at a basic level. Using the present tense, they will learn to describe people and school related things, shop for clothing and school supplies, order and shop for food, talk about their families, discuss sporting events, and deal with health issues. They will also learn a great deal about the Latino culture.

How students will learn in this course:

They will have a combination of reading, writing, speaking, and listening activities. Daily cultural information will be infused into the lessons. Learning games and group work are blended with grammar and vocabulary exercises so students can get the most practice using the language.

Why this course is important:

Knowledge of Spanish language and Latino culture are increasingly important in today's changing world. In many careers, employees deal with Latino coworkers or clients. Also knowing another language opens up many travel opportunities.

722 Spanish II

1 Year *1 Credit*

Prerequisite: Must have a C or better in Semester 1 of Spanish I or consent of instructor.

What you will learn in this course:

Students will expand their Spanish skills by learning how to use the past tense. They will learn to discuss vacation activities, the fine arts, getting ready for school, taking a train trip, ordering in a restaurant, using technology, shopping for groceries and clothes, and describing their childhood and other past events.

How students will learn in this course:

They will have a combination of reading, writing, speaking, and listening activities. Daily cultural information will be infused into the lessons. Learning games and group work are blended with grammar and vocabulary exercises so students can get the most practice using the language.

Why this course is important:

Knowledge of Spanish language and Latino culture are increasingly important in today's changing world. In many careers, employees deal with Latino coworkers or clients. Also knowing another language opens up many travel opportunities.

723 Spanish III

1 Year *1 Credit*

Prerequisite: Must have a C or better in Semester 1 of Spanish II **and** consent of the instructor.

What you will learn in this course:

Students will continue to improve their Spanish skills, focusing on speaking and listening skills. They will learn to express themselves in the future, conditional, and perfect tenses and learn how to give commands. They will learn to discuss pastimes, staying at a hotel, an airplane trip, a medical emergency, city vs. country, preparing food, driving, holidays, and professions.

How students will learn in this course:

They will have a combination of reading, writing, speaking, and listening activities. Daily cultural information will be infused into the lessons. Learning games and group work are blended with grammar and vocabulary exercises so students can get the most practice using the language. The class will be conducted mostly in Spanish.

Why this course is important:

Knowledge of Spanish language and Latino culture are increasingly important in today's changing world. In many careers, employees deal with Latino coworkers or clients. Also knowing another language opens up many travel opportunities.

724 Spanish IV (Dual Enrollment)

1 Year *1 Credit*

Prerequisite: Must have consent of instructor.

What you will learn in this course:

Students will work toward perfecting their Spanish, review grammatical concepts and vocabulary learned in Spanish I, II, and III. Additionally, they will learn the subjunctive mood, perfect tenses, and por vs. para. Students will learn history, geography, and culture of the Spanish speaking countries of the world. Speaking and listening skills will be the main focus.

How students will learn in this course:

They will have a combination of reading, writing, speaking, and listening activities. Daily cultural information will be infused into the lessons. Learning games and group work are blended with grammar and vocabulary exercises so students can get the most practice using the language. The class will be conducted totally in Spanish and students must also use Spanish exclusively.

Why this course is important:

Knowledge of Spanish language and Latino culture are increasingly important in today's changing world. In many careers, employees deal with Latino coworkers or clients. Also knowing another language opens up many travel opportunities.

***This class can be taken as UW-Green Bay Spanish 202. Students have the opportunity to receive 14 college credits.

724 Teaching English as a Foreign Language (TEFL)

1 Semester *.5 Credit*

Prerequisite: Completion of Spanish 1 with a B or better.

What you will learn in this course:

Students will be enrolled in the online Premier TEFL (Teaching English as a Foreign Language) Course..Each week, students will work on the modules, discuss what they have learned in the modules, create English teaching materials based on the modules, and then use the materials to present lessons to English learners. Upon completion of the course, students will have an accredited online certification to teach English that they can use to obtain jobs in many countries of the world and in the US.

Non-Department Electives

902 School Productions

One Year *1 Credit*

Grades 9-12

What you will learn in this course:

Students will be responsible for creating the yearbook. Photography, page layout, advertisements and video will be some of the things that we go through in the class. Each student will be assigned pages in the yearbook and they will have to have them finished by deadlines that are determined by the publisher. Students will be responsible for going out and getting the advertisements for that year's yearbook.

How students will learn in this course:

Students will be given information in one of three ways: Lecture, Demonstration, and Hands On.

Why this course is important:

This class would be beneficial to any student that is considering a career in Graphic Design.

903 Tutoring

1 Semester *.5 Credit*

This course allows students to work with other students who desire tutoring help in class studies. Tutors are assigned by the instructor, receive regular supervision, and earn a grade of pass/fail.

904 Work Study

Possibly Up to 4 semesters .5 Credit/semester

Open to juniors and seniors only

This course offers seniors an opportunity to get valuable on-the-job training for credit. Students must be working in a field that is directly related to their future career. Up to 1 credit is allowed for Work Study and is graded as pass/fail.

9064 Youth Apprenticeship

Possibly Up to 4 semesters 1 credit

Open to juniors and seniors only

Juniors and seniors are employed within one oof eleven career clusters. Students must work a minimum of 450 hours/year, earn 1 high school credit or 3 college credits in courses related to that career pathway each year, and meet the standards established for each career cluster. See the school counselor for details and for paperwork.

909 Science Lab Assistant

1 Semester *.5 Credit*

The student works under the direction of the science teachers to prepare lab materials and to

set up laboratory experiments. Offered to grades 9-12. Graded as Pass/fail.

915 Library Aide

1 Semester .5 Credit

Typing, filing, returning books to shelf, anything else IMC specialist deems necessary. Library Aide is graded as pass/fail.

940 Start College Now

Start College Now allows juniors and seniors to attend a Wisconsin Technical College while earning high school and college credit. Students must complete paperwork by March 1st for 1st Semester Courses and October 1st for 2nd Semester Courses. Please see the school counselor for enrollment information.

Early College Credit Program

The Early College Credit Program allows freshmen, sophomores, juniors and seniors to attend a four-year university or tribal college while earning high school and college credit. Students must complete paperwork by March 1st for 1st Semester Courses and October 1st for 2nd Semester Courses. Please see the school counselor for enrollment information.