

Sturgeon Bay High School

Course Guide

2023-2024



Sturgeon Bay High School
1230 Michigan Avenue
Sturgeon Bay , WI 54235
920.746.2800

Updated December 5, 2022

Non-Discrimination Statement

Sturgeon Bay Schools Nondiscrimination Policy

It is the policy of the School District of Sturgeon Bay, pursuant to s.118.13, Wis. Stats., and PI 9, that no person, on the basis of sex, race, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional, or learning disability, may be denied admission to any school in this district or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extracurricular, pupil services, recreational, or other programs.

All vocational education programs follow the district's policies of non-discrimination on the basis of the above-mentioned reasons. In addition, arrangements can be made to ensure that the lack of English language skills is not a barrier to admission or participation.

For a copy of the complaint procedure or any questions or complaints concerning Title IX of the Education Amendments of 1972, which prohibits discrimination on the basis of the above-mentioned reasons, contact:

Mr. Dan Tjernagel
Superintendent
School District of Sturgeon Bay
1230 Michigan Street
Sturgeon Bay, WI 54235
920.746.2801

Inquiries related to Section 504 of the Rehabilitation Act of 1972, which prohibits discrimination on the basis of handicap, should be directed to:

Mrs. Lindsay Ferry
Special Education and Pupil Services Director
School District of Sturgeon Bay
1230 Michigan Street
Sturgeon Bay, WI 54235
920.746.2804



Table of Contents

<u>Graduation Requirements</u>	4
<u>What's New</u>	8
<u>Academic and Career Planning</u>	9
<u>Dual Credit</u>	10
<u>Advanced Placement (AP)</u>	11
<u>School - to - Career Opportunities</u>	12
<u>Early College Credit Program & Start College Now Program</u>	13

Course Descriptions

<u>Art Department</u>	16
<u>Business and Information Technology Department</u>	20
<u>Computer Science Department</u>	24
<u>English Department</u>	26
<u>Family and Consumer Sciences Department</u>	29
<u>Mathematics Department</u>	32
<u>Music Department</u>	36
<u>Physical Education Department</u>	40
<u>Science Department</u>	44
<u>Social Science Department</u>	48
<u>Technology and Engineering Department</u>	51
<u>World Language Department</u>	54
<u>NWTC Distance Learning Courses/Practical Nursing Program</u>	56
<u>Non-Departmental Offerings</u>	58
<u>Volunteerism</u>	62



Graduation Requirements

26
Credits

4 Credits	English	English 9 English 10 American Literature English Elective in 12 Grade	1 Credit 1 Credit 1 Credit 1 Credit	*English elective credit can be received in any designated course offered through the English Department in the Course Guide
3 Credits	Social Sciences	US History American Studies World Cultures or Modern European History	1 Credit 1 Credit 1 Credit	*In addition to the three credits listed, students must successfully pass the Wisconsin State Civics Exam with a score of 65 or higher.
3 Credits	Math	Algebraic Concepts Geometric Concepts Probability & Statistics Math Elective	1 Credit 1 Credit .5 Credit .5 Credit	*See the Math Course Guide offerings to see two primary options for Math credit that students can select.
3 Credits	Science	Earth Science Biology Science Elective	1 Credit 1 Credit 1 Credit	*Science elective graduation requirement can also be fulfilled by taking Food and Nutrition or Sustainable Living).
1.5 Credits	Physical Education	Fitness Foundations Physical Education Elective	.5 Credit 1 Credit	*Physical Education Graduation Requirement Substitution Option—may be used once (equivalent of 0.5 credit).
.5 Credits	Business Education	Personal Money Management	.5 Credit	*In order to graduate from SBHS, all students must complete .5 credits in financial literacy.
11 Credits	Electives	Elective Credit	11 Credits	*Any non required class is considered an elective credit. Students can find courses throughout the Course Guide.

Additional Requirements for Graduation

- Wisconsin State Civics Test (State of Wisconsin Requirement)
- 40 hours of Community Service
- Minimum of 1.5 GPA at Time of Graduation



Course Choices for Fulfilling Graduation Requirements

9th Grade English	English 9 or English 9 Honors
10th Grade English	English 10 or English 10 Honors
11th Grade English	American Literature or American Literature Honors
English Elective	English 12, English Composition 1 and Oral Communications, Creative Writing, AP English Lit and Comp

World Studies	World Cultures or Modern European History
United States History	U. S. History
Civics	American Studies and Wisconsin Civics Exam

Algebraic Concepts	Pre-Algebra or Algebra I or Algebra II AND Probability & Statistics
Geometric Concepts	Geometry or Basic Geometry and Statistics
Math Elective	Any of the mathematics course options other than Geometry

Life Science	Biology
Ecology	Earth Science
Science Electives	Any of the science course options other than Biology and Earth Science, also includes Food and Nutrition or Sustainable Living

Fitness Foundation	Fitness Foundation
Physical Education Elective	Any of the physical education course options



Post-Secondary Admission Requirements

****Please verify admission requirements with the specific school of your choice****

For UW System Schools, go to uwhelp.wisconsin.edu

For all other universities, go directly to their website for admissions information.

Minimum Requirements for most University of Wisconsin System Institutions**

Please verify the specific admission standards with the school and program of your choice.

English 4 Credits	4 Credits (literature-based and composition based English courses recommended by many universities)
Social Sciences 3 Credits	3 Credits
Mathematics 3 Credits	3 Credits (Algebra, Geometry, and Algebra II recommended by many universities)
Natural Sciences 3 Credits	3 Credits (Biology, chemistry, and another lab science recommended by many universities)
World Language	2 years of a single World Language are required for admissions to UW-Madison.
Electives 4 Credits	4 Credits (Core area, fine arts, computer science, business, family and consumer education, and other academic, career, and technical areas.)

Typical Requirements for most Highly Selective Colleges**

These include colleges such as Marquette, Northwestern, and many programs at UW-Madison.

Please verify the specific admission standards with the school and program of your choice.

English 4 Credits	4 Credits (literature-based and composition based English courses recommended by many universities)
Social Sciences 3-4 Credits	3-4 Credits
Mathematics 4 Credits	4 Credits (Algebra, Geometry, Algebra II, Advanced Math)
Natural Sciences 3-4 Credits	3-4 Credits (3 credits lab-based sciences)
World Language	3-4 Credits (Requirements will vary)
Additional Academic/Fine Arts 4 Credits	4 Credits (Core area, fine arts, computer science, business, family and consumer education, and other academic, career, and technical areas.)



Registration and Scheduling

Registration and scheduling of students for the next school year is one of the most important tasks that students, parents, school administrators, and school counselors must complete each year. It is extremely important for students and their parents to carefully consider all available course and program options and to make thoughtful scheduling decisions that are based on district graduation requirements, post-secondary educational institution requirements, as well as vocational and personal interests and abilities. School personnel are available to discuss scheduling with parents and students to assist them in making course and program selections.

The block schedule utilized by Sturgeon Bay High School offers students several advantages over a traditional schedule. The most important of these is the unique opportunity to study and explore a wider variety of courses without having to carry a large course load during any one quarter. Under the Sturgeon Bay High School block schedule, students can earn up to 8 credits per year while only taking four (or possibly five or six) courses at any one time.

Scheduling Process

PowerSchool is Sturgeon Bay High School's student management software. In addition to allowing student and parent access to grade and attendance information, PowerSchool is used during the scheduling process. The process involves the following steps:

1. Students select courses.
2. Course requests are entered into PowerSchool.
3. Based on student requests, a master schedule is created and entered into PowerSchool.
4. PowerSchool generates a course schedule for each student based on that student's requests.
5. Counselors review all schedules individually, make necessary adjustments, and distribute schedules to students.
6. Students have the opportunity to meet with their counselors to discuss schedules and make necessary changes.
7. Parents receive a copy of the students schedule, are asked to review it and contact the counselor by June 14 if there are changes or requests.

Schedule Conflicts

The student will be contacted if there are unresolved conflicts that result from this process.

Schedule Changes

Because the initial student selection of courses plays a major role in determining course sections, teacher and staff placements, and budget allocations for textbooks, materials, and supplies, it is imperative that selections be considered carefully so that there is a minimal need to change individual student schedules after the initial selections have been made. As a general rule, schedule changes after the initial selection of courses will be made only to address a significant academic need. In all cases, schedule changes will be closely scrutinized, and parents and students must understand that most requests will not be granted.



What's New

New Course Offerings for 2023-2024

Family & Consumer Education

- International Foods
- Pastry & Baking

Computer Science

- Introduction to Computer Science
- AP Computer Science A

Technology Education

- Building Construction
- CNC Programming

Removed Course Offerings for 2023-2024

Family & Consumer Education

- Food Service
- Creative Foods

Art

- Yearbook
- Yearbook will now be offered as a club rather than a class.

New Course Names for 2023-2024

Technology Education

- Old Name: Wood Techniques: Introduction
- New Name: Introduction to Wood Working

- Old Name: Wood Techniques: Advanced
- New Name: Advanced Wood Working

- Old Name: Intro to Technology Education
- New Name: How to Make Just About Anything

- Old Name: Metal Fabrication: Basic
- New Name: Introduction to Metals

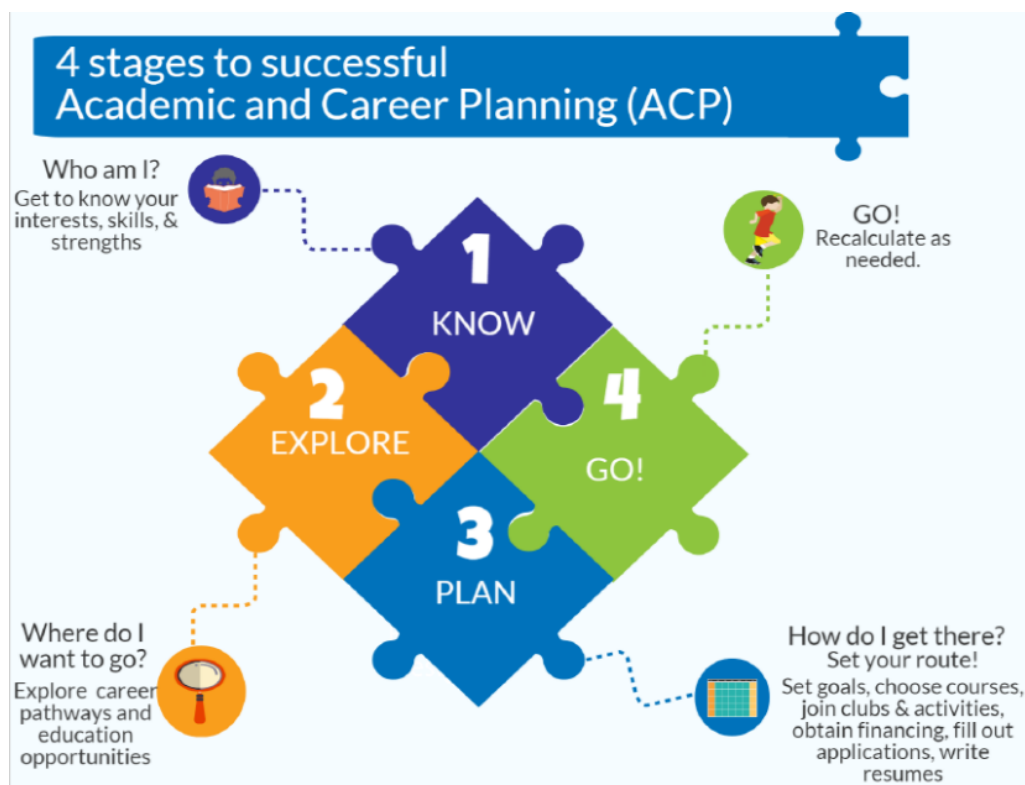
- Old Name: Metal Fabrication: Advanced
- New Name: Advanced Metals



Career Planning Resources

The Department of Public Instruction requires school districts to create and publish an [Academic and Career Plan](#). Academic and Career Planning is a student-driven, adult-supported process in which students develop their own unique post-secondary plan. Activities include career and education exploration, four-year planning, career planning, and surveys on interests, activities, and abilities. [SBHS's plan](#) is posted on the school website.

Academic and Career Planning activities are completed during a student's four-year career at SBHS. Information gathered from the planning activities can be used to help guide students in course selection.



Career Clusters and Career Pathways

Another useful resource in helping students select appropriate courses is the [Career Clusters and Pathways](#) website. In total, there are 16 Career Clusters in the framework, representing more than 79 Career Pathways to help students navigate their way to greater success in college and career. Career Clusters provide the essential knowledge and skills for the 16 Career Clusters and their Career Pathways. As such, it helps students discover their interests and their passions and empowers them to choose the educational pathway that can lead to success in high school, college, and career.



Dual Credit

Dual Credit

A course that is noted as offering “dual credit” means that when a student at Sturgeon Bay High School successfully completes that course, they will receive credit simultaneously from the high school and a technical college. A certified Sturgeon Bay High School instructor teaches the course. Upon successful completion of the course, grades are posted to the high school and college and tabulated in the student’s high school and college GPA. When a student earns dual credit, they can save hundreds of dollars and a great deal of time. The below listed courses are designed to offer dual-credit options. Dual-credit option opportunities, though, may change from year to year as the contracts between Sturgeon Bay High School and colleges are on a yearly basis. These courses provide a wonderful opportunity for our students.

Dual enrollment can help student prepare for the rigor of college courses as they develop technical skills for a multitude of careers.

Research shows that student who participate in dual enrollment programs are more likely to:

- Earn higher grades in high school
- Graduate from high school
- Enroll in postsecondary education
- Earn a postsecondary degree

In addition, dual enrollment courses allow students to:

- Develop confidence and begin to “see themselves as a college student
- Explore content related to careers that they may not have been exposed to in other high school classes
- Develop and strengthen the rigorous academic skills needed to be successful in college
- Gain credit that will fulfill an entrance or graduation requirement for their intended college major

Dual Credit Enrollment Courses at Sturgeon Bay High School:

- Accounting Principles (NWTC)
- Business Law (NWTC)
- Introduction to Business (NWTC)
- College Technical Math (NWTC)
- Child and Adolescent Development (NWTC)
- English Composition 1 (NWTC)
- Human Biology (UWGB)
- Introduction to Psychology (NWTC)
- Introduction to Diversity Studies (NWTC)
- Medical Terminology (NWTC)
- Microsoft Office Excel and Word (NWTC)
- Nursing Assistant (NWTC)
- Oral Communications (NWTC)
- Spanish 202 (UWGB)
- Other classes as requested/ approved through ECCP and SCN



Advanced Placement (AP)

Advanced Placement (AP) Courses

The Advanced Placement Program (AP) gives students an opportunity to take college-level courses and exams while they are still in high school. Through this, students may earn credit, advanced placement, or both for college. There are many benefits for students who participate in AP—studying interesting and challenging things, discovering new interests, and getting a head start on their future!

Why is AP so valuable?

Find out what you can really do...Challenge yourself and see what you are capable of achieving. Prove you can master college-level material, and discover the satisfaction of reaching your goals and knowing you have been successful.

Prepare for college work...AP courses and exams represent the beginning of your journey through college level academic challenges. Once you are used to being challenged, you are more likely to continue with advanced studies. AP courses motivate you to work hard, and you can improve the quality of all your courses based on the skills you gain in tone AP course.

The work you do in an AP course will help you develop skills and study habits that will be vital in college. You will learn how to analyze problems effectively, improve your writing skills, and prepare for exams. Students who take AP courses and exams are more knowledgeable about the demands of college work, and they understanding what is needed to succeed at the college level.

Improve your chances of getting into a competitive college...Colleges and universities recognize that applicants with AP experience are much better prepared for the demands of college courses. Admissions officers are well aware of the difficulty of AP courses and exams, and sending them your AP Exam grades can only be a positive step toward potential admission into competitive colleges.

Get good value for your money...The cost of an AP Exam in the 2022-2023 school year is \$96.00, but the average cost of 3 credits at a university is \$1,500.00.

Get a head start...Every year, hundreds of students achieve sophomore standing by earning qualifying AP grades. More than 1,400 institutions in the United States alone grant a full year's credit to students who present satisfactory grades on enough AP exams. Write to the colleges you are interested in attending to get the most up to date information about their AP policies.

Increase your options...Earning AP credit has allowed thousands of students to take a double major in college, move into upper-level courses in their of interest, or complete their undergraduate and graduate degrees in four years.

The payoff...When you ask yourself, "Is it worth it?", consider the potential payoff. The AP experience is rich and rewarding. You work hard but you get back much in return. Most colleges view any AP experience as a plus, and AP gives you tools that serve you well throughout your college career.

While students have access to a plethora of AP options through partnerships SBHS has, the following AP classes are taught by Sturgeon Bay High School teachers:

- AP Art Studio
- AP Chemistry
- AP US History
- AP Calculus AB/BC
- AP English Literature



School-To-Career Opportunities

Career and Technical Education Options

Each year Sturgeon Bay High School offers career and technical programs to all our students. These programs are designed to prepare youth for a broad range of employment and training opportunities and are offered under the guidance of certified teachers and counselors.

The following is a list of career and technical programs offered at our high school

Business and Information Technology
Computer Sciences
Health Science
Family and Consumer Sciences
Technology and Engineering Education

Skills for the Future

What is Wisconsin’s “Skills for the Future?”

Wisconsin’s School-to-Career educational initiative opens the door to all students to develop their potential in life. By combining rigorous school-based and work-based learning with greater career exploration and guidance, our educational system will develop students with stronger skills—whether students plan to go directly into the workforce, enter a technical college, or enroll in a university. Enhanced academic and technical skills are what Wisconsin’s business and educational leaders have deemed critical Skills for the Future.

Youth Apprenticeship

Wisconsin Youth Apprenticeship is a unique opportunity for juniors and seniors to start preparing for a career while still in high school. This program provides the opportunity for work-based learning, occupational instruction, and academic education. As a youth apprentice students will earn an hourly wage while learning from skilled professionals. Upon successful completion of the program, students will be awarded a Certificate of Occupational Proficiency from the Department of Workforce Development. Standards are required to provide their own transportation to class and the worksite during the day/evening.

Preparation for Work

Today’s life and work environments require far more than thinking skills and content knowledge. The ability to navigate the complex life and work environments in the globally competitive information age requires students to pay rigorous attention to developing adequate life and career skills.

Flexibility and Adaptability

- Adapting to varied roles and responsibilities
- Working effectively in a climate of ambiguity and changing priorities

Initiative and Self-Direction

- Monitoring one’s own understanding and learning needs
- Going beyond basic mastery of skills and/or curriculum to explore and expand one’s own learning and opportunities to gain expertise
- Defining, prioritizing, and completing tasks without direct oversight
- Utilizing time efficiently and managing workload

Social and Cross-Cultural Skills

- Working appropriately and productively with others
- Leveraging the collective intelligence of groups when appropriate
- Bridging cultural differences and using differing perspectives to increase innovation and the quality of work

Leadership and Responsibility

- Using interpersonal and problem-solving skills to influence and guide others toward a goal
- Leveraging strengths of others to accomplish a common goal
- Demonstrating integrity and ethical behavior
- Acting responsibly with the interests of the larger community in mind



Early College Credit Program

The ECCP offers students in all high school grades the opportunity to enroll in one of the following institutions of higher education for the purpose of taking one or more courses: an institution within the UW System, a tribally controlled college, or a private, nonprofit institution of higher education located in Wisconsin. The ECCP also explicitly permits attendance in a summer semester or session and allows a course to be taken for both high school and college credit.

Procedures

Students in all high school grades will be eligible to participate under the ECCP.

In order to take advantage of the ECCP, a student must submit an application to an institution of higher education in the school semester preceding the student's potential enrollment. The student must indicate whether he/she will be taking the course(s) for high school credit or post-secondary credit or both, if applicable. In addition, the student must specify that, if he/she is admitted, the institution may disclose the student's grades, the courses that he/she is taking, and his/her attendance record to the school in which the student is enrolled. In addition, a student who intends to enroll in an institution of higher education under the ECCP must notify the Board of Education of his/her intention no later than March 1 if the student intends to enroll in the fall semester and no later than October 1 if the student intends to enroll in the spring semester. This notice must include the titles of the courses in which the student intends to enroll, the number of credits of each course, and whether the student will be taking the courses for high school or post-secondary credit.

If a student specifies in this notice that he/she intends to take a course for high school credit, the Board of Education shall determine whether the course is comparable to a course offered in the school district, whether the course satisfies any of the high school graduation requirements, and the number of high school credits to award the student for the course, if any. The Board of Education shall then notify the student of its determinations in writing before the beginning of the semester in which the student will be enrolled.

Further, if a student is not admitted by the institution of higher education to attend the course that he/she specified in the notice, but the student is admitted to attend a different course, the student must immediately notify the Board of Education, and, as soon as practicable, the Board of Education must inform the student of its determinations about the course. A student who disagrees with the Board of Education determinations may appeal to the State Superintendent of Public Instruction.

Tuition Costs

Under the ECCP, the student and/or the student's school district will be responsible for paying tuition costs depending upon whether a student is taking a course for high school credit and whether the course is comparable to a course offered in the school district.



Early College Credit Programs & Start College Now Program

A student will be responsible for 25 percent of the actual cost of tuition when the student takes a course only for post-secondary credit. The school district will also be responsible for 25 percent of the actual cost of tuition, with the remaining 50 percent to be covered by state reimbursement (again, to the extent that funds are available). The school district is responsible for initially making the full tuition payment to the institution. The district is then permitted to recover 25 percent of the total cost of tuition directly from the student and up to 50 percent of the total cost of tuition through state reimbursement.

Board of Education guidelines limit the number of credits for which the board will pay to the equivalent of 18 post-secondary semester credits per student.

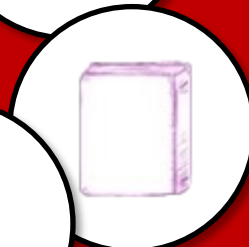
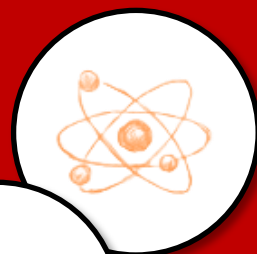
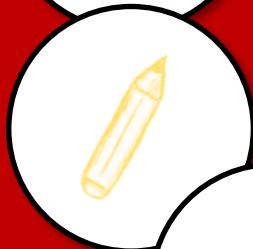
Start College Now Program

High school students in good academic standing and who have no record of significant disciplinary problems may have the opportunity to take college courses at Northeast Wisconsin Technical College. If the Board of Education determines a technical college course is eligible for high school credit and the course is not comparable to any course offered by the school district, the school district will pay for the course. If a student does not successfully complete a Start College Now course, the student is responsible for reimbursing the cost of the tuition to the high school. Once a student graduates from high school, he/she can transfer those credits to any of the Wisconsin Technical Colleges as well as many four-year colleges.

Juniors and seniors interested in this option should meet with the school counselor to discuss career plans and connect with the Start College Now program. The deadline for applying is March 1 for the fall semester and October 1 for the spring semester. Courses that meet the requirements can be taken at any time throughout the week during the regular academic school year. Start College Now is not available during the summer.



Catalog of High School Courses



Title	Grades	Prerequisites	Credits
Basic Design	9-12	None	0.5
Ceramics and Sculpture –Introduction	9-12	“C” or higher in Basic Design	0.5
Ceramics and Sculpture –Intermediate	9-12	“B” or higher in Ceramics and Sculpture—Introduction	0.5
Ceramics and Sculpture –Concentration	10-12	“B” or higher in Ceramics and Sculpture—Intermediate	0.5
Ceramics and Sculpture –Portfolio	10-12	“B” or higher in Ceramics and Sculpture—Concentration	0.5
Drawing and Painting—Introduction	9-12	“C” or higher in Basic Design	0.5
Drawing and Painting—Intermediate	9-12	“B” or higher in Drawing and Painting-Introduction	0.5
Drawing and Painting—Concentration	10-12	“B” or higher in Drawing and Painting-Intermediate	0.5
Drawing and Painting—Portfolio	10-12	“B” or higher in Drawing and Painting-Concentration	0.5
Sketchbook Art Journals 1: Exploration	9-12	None	0.5
Sketchbook Art Journals 2: Self Portrait	9-12	Level 1: Exploration	0.5
Sketchbook Art Journals 3: Theme	10-12	Level 2: Self Portrait	0.5
Sketchbook Art Journals 4: Series	10-12	Level 3: Series	0.5
Illustrator Fundamentals (NWTC)	10-12	“C” or higher in Basic Design and Photoshop Fundamentals	0.75
Photoshop Fundamentals (NWTC)	10-12	“C” or higher in Basic Design	0.75
AP Studio Art Prep (Not an AP course)	10-12	“A” or higher in any studio course	1.0
AP Studio Art: Drawing	11-12	“A” or higher in any studio course	1.0
AP Studio Art: 2D Design	12	Completion of AP Studio Art: Drawing	1.0
AP Studio Art: 3D	12	Completion of AP Studio Art: Drawing	1.0



BASIC DESIGN

Elective Course
.5 credits

This is the foundation class/prerequisite for all other studio classes. The focus will be on concepts rather than a variety of processes. Students will get the opportunity to create work in a two-dimensional as well as in a three-dimensional form. There will be a strong emphasis on the elements and principles of design throughout the entire course. These concepts will be necessary to understand the basics in creating any design in the art studio.

CERAMICS & SCULPTURE: INTRODUCTION

Elective Course
.5 credits

In this course, students will be exposed to additive and reductive clay building techniques including coil and slab hand-building techniques. Manipulative sculpture mediums will also be introduced for students to problem solve three-dimensional issues.

CERAMICS & SCULPTURE: INTERMEDIATE

Elective Course
.5 credits

Students will further develop their functional vessel-building skills as well as explore how clay can become a sculptural element. Metal soldering may also be introduced on a small scale depending on the availability of equipment and supplies. Natural and found objects will offer inspiration for students to build unique and conceptual sculpture creations.

CERAMICS & SCULPTURE: CONCENTRATION

Elective Course
.5 credits

This course will offer students an opportunity to select specific 3D media focus areas with the intent of advancing skills and techniques in those areas. Contracts will be independently created with the guidance and final approval of the instructor.

CERAMICS & SCULPTURE: PORTFOLIO

Elective Course
.5 credits

This course will have students use their focused art skills to develop a 3D themed portfolio presentation. Research writing will be explored to create an artist statement to correlate with the portfolio showcase.

DRAWING & PAINTING: INTRODUCTION

Elective Course
.5 credits

This course will introduce students to the fine art of drawing and painting. Students will learn basics in figure and observational drawing techniques from realistic to abstract styles. Graphic, pen/ink, watercolor, and acrylic painting will be a strong introduction to value studies.

DRAWING & PAINTING: INTERMEDIATE

Elective Course
.5 credits

Students will further their understanding of two-dimensional media by exploring more illustrative drawing skills to help advance technical ability. Students will also discover oil painting on canvas.

DRAWING & PAINTING: CONCENTRATION

Elective Course
.5 credits

This course will offer students an opportunity to select specific 2D media focus areas with the intent of advancing skills and techniques in those areas. Contracts will be independently created with the guidance and final approval of the instructor.

DRAWING & PAINTING: PORTFOLIO

Elective Course
.5 credits

This course will have students use their focused art skills to develop a 2D themed portfolio presentation. Research writing will be explored to create an artist statement to correlate with the portfolio showcase.



SKETCHBOOK ART JOURNALS: 1 EXPLORATION

Elective Course
.5 credits

Express yourself in a sketchbook journal format using an exciting range of mixed media techniques including pen and ink, markers, watercolor, image transfers, printmaking with linocuts and Gelli plates, acrylics, and collage. Themes will be explored and discussed to integrate personal ideas and abstract designs. Simple writing styles will be practiced to support imagery. No experience is necessary.

SKETCHBOOK ART JOURNALS 2: SELF PORTRAIT

Elective Course
.5 credits

Express yourself in a sketchbook journal format using an exploration of materials to create images about yourself. The body of work will be a collection of layouts that represent you. Students will integrate personal ideas and abstract designs. Simple writing styles will be practiced to support imagery.

SKETCHBOOK ART JOURNALS 3: THEME

Elective Course
.5 credits

Express yourself in a sketchbook journal format to demonstrate a specific theme for the entire book. Different visual imagery will be explored in order for students to develop a variety of layouts to help express their chosen theme. Simple writing styles will be practiced to support imagery.

SKETCHBOOK ART JOURNALS 4: SERIES

Elective Course
.5 credits

Express yourself in a sketchbook journal format using their experiences from the previous classes to show a strong variety of layout designs. Students will create multiple miniature books that represent specific themes and ideas. Simple writing styles to support imagery. Simple writing styles will be practiced to support imagery.

ILLUSTRATOR FUNDAMENTALS (NWTC)

Elective Course
.75 credits

In this course, students will develop basic knowledge and skills using Adobe Illustrator as well as apply vector graphic strategies into graphic design media and Integration into other software packages. Course content covers creating basic shapes, drawing, transforming elements, working with type, blending, layers, and special effects.

PHOTOSHOP FUNDAMENTALS (NWTC)

Elective Course
.75 credits

Course content covers functions of Adobe Photoshop. Students will create image selections, extractions, and composite files using Adobe software and apply common photo adjustments using fundamental design solutions to create composite images.

AP STUDIO ART PREP (NOT AN AP CLASS)

Elective Course
1.0 credits

AP Studio Art Prep is a class that will meet at the same time as AP Studio Art – Drawing or AP Studio Art – 2D Design. AP Studio Art Prep will allow the student to prepare his/her portfolio. This class will also offer more basic assignments to help break down technical concepts with an emphasis on observation of drawing, painting, and printmaking.



AP STUDIO ART: DRAWING

Elective Course
1.0 credits

AP Studio Art is designed for students who are seriously interested in the practical experience of art. Students will have the opportunity to earn a college credit for an additional charge. A portfolio of slides will be created to submit for a grade. Students will be given specific outlines for each area of interest. A written essay will be developed to support the concentration of the student's choice. This is an excellent opportunity for students to develop portfolios for art schools as well as scholarship opportunities. Work in this course may include drawing, painting, collage, or printmaking.

AP STUDIO ART: 2D DESIGN

Elective Course
1.0 credits

AP Studio Art is designed for students who are seriously interested in the practical experience of art. Students will have the opportunity to earn a college credit for an additional charge. A portfolio of slides will be created to submit for a grade. Students will be given specific outlines for each area of interest. A written essay will be developed to support the concentration of the student's choice. This is an excellent opportunity for students to develop portfolios for art schools as well as scholarship opportunities. Work in this course may include drawing, painting, mixed media, or digital art.

AP STUDIO ART: 3D DESIGN

Elective Course
1.0 credits

AP Studio Art is designed for students who are seriously interested in the practical experience of art. Students will have the opportunity to earn a college credit for an additional charge. A portfolio of slides will be created to submit for a grade. Students will be given specific outlines for each area of interest. A written essay will be developed to support the concentration of the student's choice. This is an excellent opportunity for students to develop portfolios for art schools as well as scholarship opportunities. Work in this course will use materials to create three-dimensional art pieces.



Title	Grades	Prerequisites	Credits
Personal Money Management	11-12	None	0.5
Basic Business & Careers	9-10	None	0.5
Foundations of Business (NWTC)	11-12	None	0.75
Accounting Principles (NWTC)	11-12	None	1.0
Business Law (NWTC)	11-12	If not in 11 or 12 grade, consent of instructor	0.75
Entrepreneurship	11-12	None	0.5
International Business Management	10-12		0.5
Marketing	10-12	None	0.5
Microsoft Office Introduction I & II	9-12	None	0.5



PERSONAL MONEY MANAGEMENT

Required Course
.5 credits

Every adult in our society is expected to fill the three roles of worker, consumer, and citizen. In this required course, students will learn how to make the practical decisions necessary to perform these functions which are reflective of job market requirements. The areas explored will include basic economics, banking services, consumer rights and responsibilities, job search techniques, insurance, payroll, budgeting, taxes, and learning to make educated family decisions. Students will be prepared to set short- and long-term goals for a strong financial future.

BASIC BUSINESS & CAREERS

Elective Course
.5 credits

This course introduces students to the concepts and skills required for success in today's workplace and marketplace. A basic understanding of the pillars of a business, aligned with analysis of companies in today's business environment, will assist students in making informed decisions regarding their future academic plans and occupational goals while providing research and exploration through self-assessment. Through business application projects, critical-thinking, self-assessments, and oral and written communication skills blended with multimedia technology, students will gain basic knowledge to assist in making decisions as a productive consumer, citizen, and worker. Opportunities will be presented for work-based learning skills and strategies, job shadowing, and leadership development. Related business careers will be explored allowing students to attain fundamental knowledge and required skills in careers such as entrepreneurship, financial services, information systems, marketing, office systems technology, public relations and promotion, travel and tourism, sports marketing, management, and others predicted to be in high demand at their time of graduation. Through analysis of corporations, students will be able to connect learning to the fundamental workings of economics and the real world of business.

FOUNDATIONS OF BUSINESS (NWTC)

Elective Course
.75 credits

This course is for students who want to explore business courses and careers but are not sure where to begin. Areas covered include basics in each of the following: management, marketing, finance, law, economics, and human resources. This course is recommended for students who are interested in pursuing a career and/or an education in any business field. It is designed to help students acquire more thorough, in-depth knowledge and techniques used in solving business problems and to understand how students' future careers are impacted by our economy.

ACCOUNTING PRINCIPLES (NWTC)

Elective Course
1.0 credits

Accounting is a skill course that is of special importance to all students pursuing a career in business. In this course, students will learn the basis of the double-entry accounting system. Students will develop basic accounting skills including classifying, recording, verifying, maintaining, and reporting numerical data involved in financial operations. Training will be accomplished throughout both manual and computerized forums. Students will learn how to properly prepare financial statements, keep payroll records, and record daily business transactions. Practice sets utilizing actual source documents will be completed throughout the course. Students will process accounting records for service, merchandising, and manufacturing businesses and be able to encounter real life accounting simulations. This class is strongly recommended for those students interested in pursuing a business degree.



BUSINESS LAW (NWTC)

Elective Course
.75 credits

This is a course designed to actively engage students in the application of personal and business law. This course is intended to furnish students with a brief introduction to the fundamental principles of law in the area of contracts, sales, negotiable instruments, partnerships, corporations, and property. Students will learn about, appreciate, and apply the law to themselves as responsible and contributing citizens and as future employers and employees. Through analysis of court situations, students will practice the legal perspective of briefing a case, preparing evidence, and utilize law (state and federal) to determine convictions of guilty or not guilty as based on our three branches of government. Students will be invited to actively participate in Door-Kewaunee County Legislative Days in Madison.

ENTREPRENUERSHIP

Elective Course
.5 credits

This course helps students gain an understanding of the business principles necessary to start and operate a business. Students will develop an awareness of the opportunities for small business ownership and develop a business plan needed to set specific goals for the successful opening of a small business. Research will be completed on several small businesses in the community. Students will explore the traits and characteristics of successful entrepreneurs. Additionally, students will learn about research, planning, operations, and regulations affecting small business success.

INTERNATIONAL BUSINESS MANAGEMENT

Elective Course
.5 credits

This course will help students develop personal leadership skills and creative thinking abilities by participating in activities that will teach them how to be successful global employees, managers, and/or entrepreneurs while learning about the functions and principles of business and management. Students will learn about the global economy, cross-cultural difference, ethics, international economics, and interdependence. Course content will explore international economics and the impact on entrepreneurs, finance, risk management, human resources, marketing, location, channels of distribution, and social and ethical responsibilities in business. This is an excellent course for anyone who plans to study business at the post-secondary level.

MARKETING

Elective Course
.5 credits

Marketing is an integral part of our everyday life. Businesses utilize marketing concepts to attract customers to purchase their products or services. In this course, students will analyze how companies apply the seven marketing functions to create profit. Students will explore what marketing is, marketing concepts, the free enterprise system and global economics, international trade, sales techniques, advertising, and communication skills. Additionally, students will develop an understanding of various aspects of the marketing field including sports marketing, entertainment, hotel and tourism, professional sales, retail marketing, and service marketing in a hands-on and interactive manner.



MICROSOFT OFFICE INTRODUCTION 1 & 2 (NWTC)

Elective Course

.5 credits

This course is a combination of three different introductory NWTC courses focused on components of Microsoft Office:

Part I: (typically a 9-week block course)

- Microsoft Word: word processing basics including creating, revising, formatting, and printing; sections, tabs, multiple-page numbering; manipulating text; creating headers/footers; creating and formatting tables, graphics; creating charts; applying styles; and merging documents.
- Microsoft PowerPoint: presentation development skills such as: graphics, tables, diagrams, shapes, design themes, sounds, animations, slide transitions, and integration with other software.

Part II: (typically a 9-week block course)

- Microsoft Excel: creating a worksheet, enhancing worksheet appearance, moving and copying data, using formulas and functions, creating charts and using clip art.
- Microsoft Access: creating and modifying database tables; compacting a database; managing records; defining table relationships; creating queries, calculations, and aggregate functions; sorting; and using form and report wizards.



Title	Grades	Prerequisites	Credits
Introduction to Computer Science	10-12	"C" or better in Algebra I	0.5
AP Computer Science A	10-12	"B" or better in Intro to Computer Science	1.0



INTRODUCTION TO COMPUTER SCIENCE

Elective Course

.5 credits

This course introduces students to the foundational concepts of computer science and has them explore how computing and technology impact the world. Students learn the basics of computer programming, base arithmetic, logical problem solving, and how to speak to computers using mathematical algorithms.

AP COMPUTER SCIENCE

Elective Course

.5 credits

In this course, students will expand upon the concepts they learned in Intro to Computer Science using Java. Students learn more advanced computer programming techniques and concepts such as debugging, parameters, conditionals, loops, and arrays.



Title	Grades	Prerequisites	Credits
Creative Writing	11-12	None	0.5
English 9	9	None	1.0
English 9 Honors	9	Grade of "A" in previous English course work and instructor approval	1.0
English 10	10	None	1.0
English 10 Honors	10	Grades of "B" in previous English course work and instructor approval	1.0
American Literature	11	<i>Successful completion of English 10 or</i>	1.0
American Literature Honors	11	<i>Grade of "B" or higher in English 10 – Honors or a grade of "A" in English 10</i>	1.0
British Literature Honors	11	<i>Grade of "B" or higher in English 10 – Honors or a grade of "A" in English 10</i>	1.0
English 12	12	<i>Successful completion of American Literature or American Literature –</i>	1.0
AP English Literature & Composition	12	<i>Successful completion of English 9 – Honors, English 10 – Honors, American Literature – Honors, and British</i>	1.0
English Composition I (NWTC)	11-12	<i>Accuplacer Reading score of 55 and Sentence Skills score of 75 or ACT English</i>	0.75
Oral Communication (NWTC)	11-12	<i>Accuplacer Reading score of 55 and Sentence Skills score of 75 or ACT English</i>	0.75



CREATIVE WRITING

Elective Course
.5 credits

This course is an introduction to the art and craft of creative writing. Students will write and revise pieces in a variety of genres including nonfiction, fiction, poetry and drama. Mentor texts will be used for modeling and students will be expected to read and critique their peers' writings. Selected pieces will be featured in our school's Literary Magazine.

ENGLISH 9

Required Course
1.0 credits

Students will focus on improving reading and writing skills through differentiated literature and instruction. Students will study multiple authors and the craft, structure, and format used to create great writing. Using the knowledge of those techniques, students will model those techniques to construct a variety of narratives and digital presentations. Knowledge of literary devices, figurative language, and sentence structures will be reviewed and extended.

ENGLISH 9 HONORS

Required Course
1.0 credits

Students will study multiple authors and the craft, structure, and format used to create great writing. Students will model those techniques to construct a variety of narratives and digital presentations. Knowledge of literary devices, figurative language, and sentence structures will be reviewed and extended. Students will frequently work collaboratively to complete tasks in a timely manner. Accountability during group work will increase and expectations will be high. This course is intended for the conscientious and talented student. Out-of-class reading will be required.

ENGLISH 10

Required Course
1.0 credits

Students will examine various literary forms (narrative text, informational text, argumentation, historical fiction) and the numerous techniques utilized by authors to write. Students will write original narrative, argumentative, and informational compositions and examine the methods and impact of visual media. In addition, vocabulary, spelling, and the structure and function of language will be investigated.

ENGLISH 10 HONORS

Required Course
1.0 credits

This course is a concentrated study of narrative, informational, argumentative, and historical text with students routinely providing written responses to the reading. Extensive reading outside of class will be necessary. The writing process (prewriting, drafting, editing, revising) will be studied and practiced, and students will compose various forms of written and spoken discourse including original narratives. An in-depth examination of language and its proper and effective use will also be included.

AMERICAN LITERATURE

Required Course
1.0 credits

Students will be exposed to a broad survey of American literary genres through contemporary and classic selections from novels and the textbook. The writing component of this course consists of reflections, essays, fiction and technical writings. Additionally, students will review and practice grammar and reading comprehension skills for the Wisconsin mandated ACT.



AMERICAN LITERATURE HONORS

Required Course
1.0 credits

In addition to a broad survey of American literature, the works of major American authors will be examined. Extensive reading outside of class will be required. The writing process (prewriting, drafting, editing, revising) will be studied in detail, and students will respond to their reading using various forms of written and spoken discourse. An in-depth examination of language and its proper and effective use will also be included. Preparation and practice for the Wisconsin-mandated ACT will be executed throughout the course.

BRITISH LITERATURE HONORS

Elective Course
1.0 credits

Students will read, analyze, and discuss a wide range of British literature. Discussion of the English language and British history are also explored. Designed as a college preparatory course, a heavy amount of reading is required. Assessment will be done through essays, objective tests, and presentations. This course provides the foundation for AP English Literature and Composition and is a prerequisite for the course.

ENGLISH 12

Required Course
1.0 credits

English 12 is a literature based course in which students will read and discuss a wide range of literature including fiction, nonfiction, contemporary and classic. The writing component of this course provides students with opportunities to explore a variety of styles (personal reflections, essays, creative writing, research) based on the literature read and discussed. In addition to the assigned class novels, students will be required to read novels of their own choosing outside of class.

AP ENGLISH LITERATURE & COMPOSITION

Elective Course
1.0 credits

This course aligns to an introductory college-level literary analysis course. The course focuses on close reading and critical analysis of imaginative literature to deepen understanding and appreciation of the ways in which writers use language and craft. In addition to the heavy amount of reading, students will study a variety of vocabulary (Greek, Latin, French, Italian, Spanish, Anglo Saxon, Mythology) as well as literary terminology.

ENGLISH COMPOSITION I (NWTC)

Elective Course
1.0 credits

This course provides the learner with the opportunity to develop the knowledge, skills, process, and understanding of major forms of nonfiction writing, including narration, description, comparison, definition, causal analysis, logical argument, and research papers and the writing process, including planning, drafting, and revising. English Composition 1 is a challenging course. Learners are expected to master basic forms of writing as well as the fundamentals of grammar and to produce original writing throughout the course. Participation in all class activities is important to the success in the course.

ORAL COMPOSITION (NWTC)

Elective Course
0.75 credits

This course provides the opportunity for the learner to develop the knowledge, skills, process, and understanding of the communication process (perception and self-concept, language, listening, nonverbal communication, interpersonal relationships, and communication in groups/public communication). A final oral presentation is mandatory.



Title	Grades	Prerequisites	Credits
Food & Nutrition	9-12	None	0.5
Sustainable Living	9-12	None	0.5
International Foods	10-12	Food & Nutrition	0.5
Baking and Pastry	10-12	Food & Nutrition	0.5
Clothing I	9-12	None	0.5
Clothing II	10-12	"C" or higher in Clothing I	0.5
Theater Arts: Costume Design (HS Musical)	9-12	None	0.5
Health Occupations	9-12	None	0.5
Child & Adolescent Development (NWTC)	11-12	None	0.75
Medical Terminology (NWTC)	11-12	"C" or higher in Health Occupations	0.75



FOOD & NUTRITION

Elective Course
0.5 credits

In this course about foods and nutrition, students will evaluate their current eating habits. Students will gain knowledge of the dietary guidelines for good eating and apply this knowledge to food preparation skills. Emphasis is put on healthy lifestyle, and students have the opportunity to have their body composition and blood cholesterol taken from experts in the medical field. The information and skills learned in this class will affect students' food decisions and both physical and mental health now and in the future.

***This course may be used to satisfy Sturgeon Bay High School science requirements. However, the course will not satisfy some four-year university requirements. Students are encouraged to check with their prospective college admission advisors.*

SUSTAINABLE LIVING

Elective Course
0.5 credits

Students will become more thoughtful consumers, save money, and reduce their ecological footprints by learning how to integrate sustainable practices in everyday life. This course will focus on sustainable food systems. As part of the curriculum, students will grow food in the school greenhouse and will learn to preserve that food via canning, dehydrating, and fermenting. Students will explore personal, household, regional, and global sustainable practices through hands-on experiences. By learning specific knowledge and techniques related to working more efficiently with the energy, water, and food consumed, students will learn how to live a more balanced, sustainable lifestyle that also positively impacts the world around them.

***This course may be used to satisfy Sturgeon Bay High School science requirements. However, the course will not satisfy some four-year university requirements. Students are encouraged to check with their prospective college admission advisors.*

INTERNATIONAL FOODS

Elective Course
0.5 credits

Students will learn the cultures and traditions of countries from around the world. With each unit they will research the countries and popular recipes. Students should come with an adventurous palate and an open mind to try new foods and learn more about the world around them. Units will include the history of foods, US foods, Latin American foods, European foods, and many other areas around the globe.

BAKING & PASTRY

Elective Course
0.5 credits

Students will learn the terminology and equipment used in baking and apply that knowledge in the kitchen. Students will look at foundational recipes, measuring, baking techniques and ingredient functions to create the perfect baked goods. Units of study will include the foundation of backing, breads, cakes, cookies, and other related areas.

CLOTHING I

Elective Course
0.5 credits

Discover the self-satisfying feeling of constructing your own clothing. Students will gain knowledge in textiles, pattern reading, and clothing recycling. Clothing construction skills will be gained by completing three to four projects within the semester. Students will also be exposed to serger-sewing. Expenses and supplies will be the responsibility of students. Enroll in Clothing and acquire the life-long skill of sewing.



CLOTHING II

Elective Course
0.5 credits

Clothing II is a course for those interested in continuing the study of clothing and textiles. Students will progress at an individual rate of speed and will be expected to complete three to four projects. Pattern alteration will be explored during the semester. Students will be expected to complete a project using the serger. All supplies and costs incurred will be the responsibility of students.

THEATER ARTS: COSTUME DESIGN (HS MUSICAL)

Elective Course
0.5 credits

This course is one of three courses offered simultaneously for the purpose of staging the annual school musical, similar to the structure of middle school Allied Arts. Students in Theater Arts – Costume Design will be responsible for all aspects of costume design, construction, and alteration. Additional textile-related work may be necessary depending on the needs of the musical. Students in this course will also assist with hair and make-up and therefore must be available for all musical performances, which are scheduled for May. The two companion courses are Theater Arts – Music (offered in the Music Department) and Theater Arts – Set Design (offered in the Technology and Engineering Department).

HEALTH OCCUPATIONS

Elective Course
0.5 credits

This course is designed to allow students to explore some of the many career opportunities in the health and medical field. Included will be terminology, the investigation into various places of employment, and what it takes to obtain these degrees. Field trips, professionals in the healthcare industry as guest speakers, and a health care professional interview will be incorporated.

CHILD & ADOLESCENT DEVELOPMENT (NWTC)

Elective Course
0.75 credits

Students will cover the following in the content of this course: analyze social, cultural, and economic influences on child development; summarize brain development in young children; describe the physical, fine motor, and gross motor changes that occur during ages 0 – 18; determine the nutritional needs of pre-school and school-age children; describe the cognitive development of pre-school and school-age children; describe the language development of pre-school and school-age children; describe the factors that affect the social development of pre-school and school-age children; apply effective behaviors when observing children.

***For students in Grades 11 and 12, a final grade of “C” or better will earn credit at Northeast Wisconsin Technical College.*

***This course may not count toward four-year university entrance requirements.*

MEDICAL TERMINOLOGY (NWTC)

Elective Course
0.75 credits

This course focuses on the component parts of medical terms: prefixes, suffixes, and root words. Students will practice formation, analysis, and reconstruction of terms with an emphasis on spelling, definition, and pronunciation. Content includes an introduction to operative, diagnostic, therapeutic, and symptomatic terminology of all body systems as well as systemic and surgical terminology.

***For students in Grades 11 and 12, a final grade of “C” or better will earn credit at Northeast Wisconsin Technical College.*

***This course may not count toward four-year university entrance requirements.*



Title	Grades	Prerequisites	Credits
Math Workshop	9-12	Counselor or Math Teacher recommendation	0.5
Pre-Algebra	9	None	1.0
Basic Geometry & Statistics	10	1 credit earned of Pre-Algebra and Dept. Consent	1.0
Algebra I	9	None	1.0
Geometry	9-10	"C" or higher in Algebra I	1.0
Geometry: Accelerated	9-10	"B" or higher in Grade 8 Algebra I	1.0
Algebra II	10-11	<i>Recommended for a "B" or higher in Algebra I</i>	1.0
College Technical Math 1A (NWTC)	10-11	Geometry or Basic Geometry & Statistics	1.0
Trigonometry & Other Functions	11-12	"B" or higher in Algebra II	1.0
Senior Trigonometry	12	Algebra I, Geometry, Algebra II	1.0
Pre-Calculus	11-12	Trigonometry & Other Functions	1.0
AP Calculus AB/BC	12	Pre-Calculus	2.0
Probability & Statistics	10-12	Geometry or Geometry: Accelerated	0.5



MATH WORKSHOP

Elective Course
0.5 credits

This is a math intervention offering. This course is designed for students who need extra support in math. Its purpose is to provide time during the school day for students to work with a math teacher on their current math curriculum. Therefore, students will be enrolled in Math Workshop concurrently with another math course. Students may use the time in Math Workshop to work on math homework, ask questions, and study for math quizzes and tests. The teacher may use the time to reteach concepts and/or review skills necessary to be successful at math. This course is graded as pass/fail.

***This is not a math content course and does not count toward the 3 math credits required for graduation.*

PRE-ALGEBRA

Elective/Required Course
1.0 credits

Students should take this course if they are planning to take Algebra and feel the need to review skills or if they plan to take the minimum math instruction to meet graduation requirements. Pre-Algebra is a course for students who need a better understanding of basic operations on rational numbers (integers, fractions, decimals) and the problem-solving process necessary for Algebra. Topics include properties of numbers, use of a variable, solving simple equations, geometry, graphing, and square roots. This course does not meet four-year college requirements.

BASIC GEOMETRY & STATISTICS

Elective/Required Course
1.0 credits

This course is designed for students who have taken Pre-Algebra and who will use this course to meet the minimum mathematics requirement for graduation. This course does not meet four-year college requirements. This course is an informal approach to the basic concepts of geometry, their practical applications, and basic concepts of probability and statistics.

ALGEBRA I

Required Course
1.0 credits

Algebra I develops the real number system, its language, symbolism, and properties. Emphasis is given to solving equations and inequalities including applications.

GEOMETRY

Required Course
1.0 credits

Geometry studies the relationships in and among various two- and three-dimensional figures and helps develop deductive reasoning skills.

GEOMETRY: ACCELERATED

Elective Course
1.0 credits

Geometry – Accelerated features an in-depth coverage of all geometry topics and continues to enrichment topics. Special emphasis is given to problem solving and applications.

ALGEBRA II

Elective Course
1.0 credits

This course may be used to satisfy the third credit of the graduation requirement for mathematics. Algebra II develops the complex number system. Students will learn to solve and graph both linear and non-linear functions and relations. Emphasis is given to problem solving and applications.



COLLEGE TECHNICAL MATH 1A

Elective Course
1.0 credits

This course may be used to satisfy the third credit of the graduation requirement for mathematics. The course is also intended for students who want to pursue entrance to a technical college or two-year university. All concepts are applied directly to careers and professions in allied health, nursing, computer technology, aviation, the electronics, CAD, drafting, architecture, agriculture, telecommunication, auto/diesel, criminal justice, fire science, business, hospitality, and culinary/food safety programs. At the end of this course, there will be a review of concepts needed for the ACT test. A practice ACT test will be given.

***For students in Grades 11 and 12, a final grade of "C" or better will earn credit at Northeast Wisconsin Technical College. (Because of the nature of the course content, however, this course will not earn the additional 0.0125 GPA points.)*

***This course may not count toward four-year university entrance requirements.*

TRIGONOMETRY & OTHER FUNCTIONS

Elective Course
1.0 credits

This course serves as a bridge between the introductory principles of algebra and geometry to higher levels of mathematics. Students will develop a firm foundation of trigonometry. Instruction will focus on polynomial, logarithmic, base ten, exponential and circular functions, matrices, series and sequences as students explore the underlying connections between geometry and algebra and prepare for Pre-Calculus.

SENIOR TRIGONOMETRY

Elective Course
1.0 credits

The course serves as a bridge between the introductory principles of algebra and geometry to higher levels of mathematics. Students will develop a firm foundation of trigonometry. Instruction will focus on polynomial, logarithmic, base ten, exponential and circular functions, matrices as students explore the underlying connections between geometry and algebra and preparation for college mathematics.

PRE-CALCULUS

Elective Course
1.0 credits

Pre-Calculus is primarily a college-preparatory mathematics course geared toward those students interested in pursuing a career which requires at least one year of college calculus. This may seem to eliminate many students, but on the contrary, many college degrees such as engineering, physics, chemistry, pre-medicine, business, etc. require a background in calculus.

The greatest contribution a course of this level can make in the study of calculus is to give a firm foundation through the topics of limit and continuity. A rather extensive introduction to calculus is included since this follows logically from the foundation laid by the work on limit and continuity.



AP CALCULUS AB/BC

Elective Course

2.0 credits

This course is an advanced placement mathematics course designed for those students who are capable of completing one full year of college mathematics while in high school. Students will study all of the traditional techniques of differentiation and integration plus applications of these techniques. Only students who are willing to spend one to three hours per day outside of class time should register for this course. College credit or advanced placement in a college is possible for those students who successfully pass a required AP test offered at the end of the school year. (The cost of the exam is the responsibility of students.)

PROBABILITY & STATISTICS

Elective Course

0.5 credits

Probability and Statistics is the study of statistical parameters (such as central tendency and variation of data) and how events related to them occur by chance. Topics studied include graphing; mean, median, mode, and standard deviation; counting and probability; surveying; normal and binomial distributions; hypothesis testing; and correlation.

If time, students are also required to complete a quarter project involving their own statistical study. Findings will be presented using a presentation graphics program. Students are allowed to work with a partner on this project.



Title	Grades	Prerequisites	Credits
Concert Band	9-12	Prior band experience is recommended	1.0
Wind Ensemble	10-12	Two years in Concert Band or Consent of instructor	1.0
Treble Choir	9-12	None	1.0
Mixed Choir	9-12	None	1.0
Theater Arts—Music (High School)	9-12	None	0.5
Beginning Guitar	9-12	None	0.5
Music Appreciation	9-12	None	0.5
Music Theory	9-12	None	0.5
Unified Adaptive Music	9-12	None	0.5



CONCERT BAND

Elective Course
1.0 credits

This ensemble is for all freshmen and sophomores unless scheduling or other unforeseen conflicts occur. The class is performance based (Class B / Level 3-4 music) along with some pertinent theory and history.

Various activities are scheduled outside of the daily rehearsal and are considered an integral part of the Instrumental Music program and its curriculum. Many activities are graded. Attendance at all concerts, parades, and other public performances is required unless otherwise exempted by the director. Failure to do so will jeopardize students' grades and/or course credits. Whenever students cannot participate in a required performance, an alternate learning activity will be substituted for grading. (See Band Handbook.)

All Concert Band members are required to attend lessons and/or sectionals either provided by the school or with a private instructor. Work will involve assignments in a method book, concert music, solos and ensembles, and required technical skills. All work is centered around the national standards in music education.

WIND ENSEMBLE

Elective Course
1.0 credits

This ensemble is designed for juniors and seniors with higher ability levels. The class is performance based (Class A / Level 4-5 music) along with some pertinent theory and history.

Because of the difficulty of music, students enrolling in Wind Ensemble should complete two years in Concert Band before enrolling in this course. Occasionally special circumstances will nullify prerequisites.

Various activities are scheduled outside of the daily rehearsal and are considered an integral part of the Instrumental Music program and its curriculum. Many activities are graded. Attendance at all concerts, parades, and other public performances is required unless otherwise exempted by the director. Failure to do so will jeopardize students' grades and/or course credits. Whenever students cannot participate in a required performance, an alternate learning activity will be substituted for grading. (See Band Handbook.)

All Wind Ensemble members are required to attend lessons and/or sectionals either provided by the school or private instructor. Work will involve assignments in a method book, concert music, solos and ensembles and required technical skills. All work is centered around the national standards in music education.



TREBLE CHOIR

Elective Course
1.0 credits

Treble Choir is an ensemble for freshmen and sophomore female or unchanged voices; however, all high school students who want to explore the rich literature for treble voices are welcome. Students will participate in scheduled performances, solo and ensemble events, and large-group concert festivals. Students will learn vocal technique and music-reading skills. Performance is an integral part of this course, and attendance at all concerts and other performances is required. Students in Treble Choir are encouraged to audition for City Rhythm Show Choir, Theater Arts – Music, and other choral events.

MIXED CHOIR

Elective Course
1.0 credits

Mixed Choir is a non-auditioned, intermediate level choir for students. Student learning will focus on vocal techniques, sight reading, musicianship, music history, and music theory. These topics will be covered daily in class. The emphasis of this class will be placed on performances. These performances include concerts, solo and ensemble contest, and the choral clinician day. Additional performances may be added. Students will cover a wide variety of repertoire in this course. Attendance at all concerts and other public performances is required. Students in Mixed Choir are encouraged to audition for City Rhythm Show Choir, Theater Arts – Music, and other choral events.

THEATER ARTS: MUSIC (HS MUSICAL)

Elective Course
0.5 credits

This course is one of three courses offered simultaneously for the purpose of staging the annual school musical, similar to the structure of middle school Allied Arts. Students in Theater Arts – Music will audition for and be assigned singing/acting roles in the production. Students must be available for all musical performances, which are scheduled for late April. The two companion courses are Theater Arts – Costume Design (offered in the Family and Consumer Sciences Department) and Theater Arts – Set Design (offered in the Technology and Engineering Department).

BEGINNING GUITAR

Elective Course
1.0 credits

This course will cover the fundamentals of music and composition through the use of guitar. Enrollment is limited to the number of guitars the school can provide. This course is for any student who wishes to learn more about music and guitar. This course is open to any student in Grades 9 – 12. This is a beginning guitar class that will require reading standard notation by the end of the course.



MUSIC APPRECIATION

Elective Course
0.5 credits

This course is open to all students interested in listening to and learning about music history. The class highlights the elements of music, how we listen to music, periods in music history, and an extensive unit on rock and roll music history. This will be an active learning course and will include active listening; discussion; making connections between music, art, and writing; and creating, critiquing, and editing music playlists. Music covered in the course will reflect and broaden the interests of the students involved.

MUSIC THEORY

Elective Course
0.5 credits

Music Theory is a course designed to introduce the fundamentals of music theory and harmony. Students will learn about note values, key signatures, time signatures, intervals, and other music topics. Students will have the opportunity to improve aural analytical skills through daily assignments and listening activities. This course is open to all students who are currently or have previously participated in band or choir.

UNIFIED ADAPTIVE MUSIC

Elective Course
0.5 credits

This is a course offering for both regular and special education students that combines all abilities to participate in developmentally appropriate music activities including singing, playing, and creating music. Through ongoing leadership opportunities members of this course will be empowered to help create a more inclusive and accepting school environment for all students.



Title	Grades	Prerequisites	Credits
Fitness Foundation	9-12	None	0.5
Lifeguard Training	9-12	Successful completion of Fitness Foundation	0.5
Lifetime Fitness	9-12	Successful completion of Fitness Foundation	0.5
Physical Education Graduation Requirement Substitute Option	9-12	Credit must be made up in English, Mathematics, Science, or Social Studies	0.5
Recreation Sports	9-12	Successful completion of Fitness Foundation	0.5
Strength & Conditioning	9-12	Successful completion of Fitness Foundation	0.5
Swimming	9-12	Successful completion of Fitness Foundation	0.5



FITNESS FOUNDATIONS

Required Course
0.5 credits

Fitness Foundations is designed to introduce a variety of fitness and recreational activities. Students will:

- learn a variety of motor skills and movement patterns needed to perform a variety of physical activities.
- learn how to calculate their BMI (Body Mass Index)
- learn what a healthy BMI range is
- understand how weight and body fat contribute to current and future health
- learn basic fitness terminology as well as the five components of physical fitness
- learn healthy techniques and strategies to manage their weight and monitor their workouts using a journal to track their progress
- participate in a variety of fitness-related assessments (Fitnessgram) and explore various workout programs and routines.

LIFEGUARD TRAINING

Elective Course
0.5 credits

This is a one-quarter course. Four days per week will be spent in the water learning the appropriate skills. One day per week will be spent in the classroom completing the blended learning portion of the Red Cross training requirement.

This course provides the necessary training required to become a certified Red Cross lifeguard. The certification will include BBP, first aid, CPR for the professional rescuer, AED, waterfront skills, and waterpark skills. At the end of this course, students will know how to prevent, recognize, and respond to aquatic emergencies and provide care for breathing and cardiac emergencies, injuries, and sudden illnesses until EMS personnel take over.

This course will be taught by a Red Cross certified instructor at the YMCA. A Sturgeon Bay High School instructor will serve as the teacher of record.

LIFETIME FITNESS

Elective Course
0.5 credits

The goal of this course is for students to achieve and maintain a health-enhancing level of physical fitness. Students will:

- participate in an all-around fitness program with an emphasis on activities of an individual nature
- experience a variety of activities including cross-country skiing, snowshoeing, bike riding, fitness walking, step aerobics, yoga, pilates, Zumba, body bar workouts, Swiss balls, circuit weight training, and various core training methods
- learn proper training techniques utilizing free weights as well as Weight Room machines
- be assessed on the five components of physical fitness: aerobic endurance, muscular strength, muscular endurance, flexibility, and body



PHYSICAL EDUCATION GRADUATION REQUIREMENT SUBSTITUTION OPTION

Elective Course
0.5 credits

Juniors and seniors may complete an additional 0.5 credit in English, Mathematics, Science (including Science equivalents), or Social Science in lieu of 0.5 credit of Physical Education when they participate in a WIAA-sanctioned sport as part of the district's athletic program.

- A required course or credit may not count for the 0.5 credit substitution course.
- The 0.5 credit substitution course must be in addition to the minimum graduation credit requirement for the English, Mathematics, Science, or Social Science subject areas.
- Participation in the sport itself does not constitute a course and does not qualify for any high school graduation credit.

The following criteria must be met for participation in a sport to be eligible for substituting a course for 0.5 credit of Physical Education:

1. The student must participate in a junior varsity-level or varsity-level sport for an entire season during Grade 11 or the fall season of Grade 12.
2. The student must submit to the principal confirmation of regular attendance at practices and participation in competitions with a verification form completed by the coach no later than two weeks after the conclusion of the season.
3. The student must not have been out for more than two weeks for injury or illness during the sport season.
4. The student must not have had any violation of the Co-Curricular Code resulting in a suspension of one or more competitions during the sport season.
5. The student must be an athlete who is eligible to compete for the entire season.

The substitution option is allowed based on the passing of 2011 Wisconsin Act 105 and a change to Wis. Stat. sec. 118.33.

RECREATIONAL SPORTS

Elective Course
0.5 credits

Students will:

- participate and improve their skills in a variety of recreational activities
- participate in singles, doubles, and team sports with many selections of different sports throughout the course of the class
- learn movement concepts, strategies, and tactics used to perform in each sport
- be challenged to develop their skills in different activities that may include tennis, softball, volleyball, flag football, rag ball, table tennis, lacrosse, badminton, basketball, pickleball, handball, soccer, racquetball, floor hockey, golf, ultimate Frisbee, table tennis, dodgeball, and Frisbee golf.

STENGTH & CONDITIONING

Elective Course
0.5 credits

Strength and Conditioning will be offered as a one-semester skinny. Students will:

- learn proper lifting techniques utilizing free weights, medicine balls, resistance bands, jump ropes, Swiss balls, various agility equipment, and Weight Room machines
- learn the value of physical activity for health, enjoyment, challenge, and social interaction
- explore various workout programs and routines, and choose the program that best suits personal needs
- participate in various fitness-related activities and will be assessed throughout the class
- be able to apply the skills learned to make strength and conditioning a successful lifetime endeavor.



SWIMMING

Elective Course

0.5 credits

This is a one-quarter course. Three days per week will be spent in the water learning the appropriate skills. Two days per week will be spent working on other fitness-related activities.

Swimming is an important life skill for both fitness and safety. Each student will be taught in groups according to skill level and mastery. Students will advance through levels designed from American Red Cross, Swim America, and USA Swimming (ALTST) programs. The YMCA safety training program will be used for the water safety portion of the class. Students will learn many essential elements necessary for a beginning swimmer level. Key components of the class include water safety, physical dynamics of water buoyancy, physics and propulsion, basic swim strokes, aerobic swimming, and fitness-level swimming. At the end of the course, students will know and demonstrate survival safety skills, demonstrate freestyle and backstroke technique, and understand strength and endurance requirements for fitness swimming.

This course will be taught by a Red Cross certified instructor at the YMCA. A Sturgeon Bay High School instructor will serve as the teacher of record for the swim unit and as the main instructor for all other activities.

***Other Notes: Students will be expected to swim unless a doctor's excuse is provided. The YMCA core values of caring, responsibility, respect, and honesty will be expected of participants. All pool rules will be followed. No food, drink, or cell phones are allowed on deck. No cell phones are allowed in locker rooms. All directions from lifeguards and instructors must be followed. Students must shower before entering the pool.*



Title	Grades	Prerequisites	Credits
Earth Science	9	None	1.0
Biology	9-10	None	1.0
Astronomy	10-12	Earth Science	0.5
Ecology	10-12	Earth Science	1.0
Meteorology & Climate Change	10-12	Earth Science	0.5
Concepts of Chemistry	10-12	Earth Science & Algebra I	0.5
Chemistry	11-12	Earth Science, Biology and concurrent enrollment or completion of Algebra II	1.0
AP Chemistry	11-12	Algebra II, Biology, Chemistry	1.0
Biochemistry	11-12	Earth Science, Biology, Chemistry, Organic Chemistry	0.5
Organic Chemistry	10-12	Chemistry	0.5
Concepts of Physics	10-12	Earth Science, Algebra I	0.5
Physics	11-12	Earth Science, Biology, Algebra II, Chemistry recommended	1.0
Human Biology 102 (UW-Green Bay)	12	Biology, Chemistry	1.0



EARTH SCIENCE

Required Course
1.0 credits

Since the beginning of human history, people have made observations of the world around them and have attempted to explain the cause of the natural phenomena that shaped their world. Earth Science provides students with an opportunity to investigate these earth processes as well as environmental problems that have resulted from modernization. During this 1-credit course, students will investigate Earth's place in the universe; the earth in motion; the chemistry of Earth; the utilization of Earth's natural resources and the effect on the environment, nonrenewable, and renewable sources of energy; Earth's oceans and the hydrologic cycle; meteorology; and the geologic history of Earth.

BIOLOGY

Required Course
1.0 credits

This course is a survey of the basic concepts important in biology today. The topics covered include the nature of science, chemistry, biochemistry, cells, cell energetics, DNA, genetics, and evolution.

ASTRONOMY

Elective Course
0.5 credits

Astronomy exploration is a survey of the objects and forces in the universe. Students will be led through an exploration of topics such as gravity, the life and death of a star, light, theories of the origin of the universe, supernovas, black holes, and space travel. Labs, night observations, and use of the Internet will be a regular part of class work.

***This course may be used to satisfy Sturgeon Bay High School science requirements. However, the course may not satisfy four-year university requirements. Check with your university to be sure.*

ECOLOGY

Elective Course
1.0 credits

This course is intended for any student interested in the outdoors or who might pursue an outdoors-related career. The topics covered will include soils, ecosystems, water resources, biomes, forestry, wildlife, and current events in ecology. Field trips to various ecosystems around Sturgeon Bay are a regular part of the curriculum.

***This course may be used to satisfy Sturgeon Bay High School science requirements. However, the course may not satisfy four-year university requirements. Check with your university to be sure.*

METEOROLOGY & CLIMATE CHANGE

Elective Course
0.5 credits

The composition and structure of our atmosphere is crucial to life on Earth. The atmosphere has evolved over time, and we can track both the current condition of the atmosphere (weather) and long-term patterns that exist in different regions (climate). Weather is not an arbitrary act of nature. Weather forecasting has its limits, and the climate future is uncertain. Topics that will be covered include 1) how we monitor the weather, 2) how the interactions between temperature, air pressure, wind, humidity, and precipitation create our weather, and 3) how to forecast the weather on a daily basis. Other topics include severe weather, like tornadoes, hurricanes, and thunderstorms/lightning, and human activities that may affect global climate change.



CONCEPTS OF CHEMISTRY

Elective Course
0.5 credits

This course is offered to students who might not be pursuing careers in science-related fields at the college or technical college level but who are interested in an additional science course. This lab-intensive course will contain some math concepts but will not be math intensive. Areas of study include water, chemical resources, petroleum, food, nuclear chemistry, chemistry of air and climate, health, and industry.

***This course may be used to satisfy Sturgeon Bay High School science requirements. However, the course may not satisfy four-year university requirements. Check with your university to be sure.*

CHEMISTRY

Elective Course
1.0 credits

Chemistry is a study of matter and its changes. It concentrates on composition, structure, properties, and interactions (both chemical and physical) of matter.

The chemistry curriculum is a college prep-type curriculum using the modern courses of study produced by science education from 1960 through the 1990s. This includes curricula known as Chem Study, CBA and IAC, and traditional chemistry. This is a lab-oriented course with a great deal of emphasis on laboratory experiments, theory of chemistry, and a mathematical approach to chemistry.

AP CHEMISTRY

Elective Course
1.0 credits

The AP Chemistry course is designed to be the equivalent of first-year college chemistry. A college text will be used, and the pace of the course will be much faster than is true for Chemistry. Topics include atomic theory and atomic structure; chemical bonding; nuclear chemistry; gases; liquids; solids; solutions; types of reactions (including acid-base and oxidation-reduction); stoichiometry; equilibrium; kinetics; thermodynamics; electrochemistry; and an introduction to organic chemistry, biochemistry, and descriptive chemistry. College credit or advanced placement in a college is possible for those students who successfully pass a required AP test offered at the end of the school year. (The cost of the exam is the responsibility of students.)

BIOCHEMISTRY

Elective Course
0.5 credits

This class is a rigorous, lecture-based course intended for the college-bound students who think they might pursue a major in science. Students will read from a college-level text and cover material typically encountered in an introductory college biology course. Topics covered include biochemicals, energetics, enzyme function, photosynthesis, respiration, DNA function, and biotechnology. Several lab reports will be required.

ORGANIC CHEMISTRY

Elective Course
0.5 credits

This course is offered to Grade 12 students who have completed Chemistry and intend to continue their studies at the college level (e.g., nursing, biotechnology, chemistry, physics). Primary areas of study include organic chemistry, unfinished inorganic topics, and some biochemistry.



CONCEPTS OF PHYSICS

Elective Course

0.5 credits

This course is offered to students who might not be pursuing careers in science-related fields at the college or technical college level but who are interested in an additional science course. This lab-intensive course will contain some math concepts but will not be math intensive. Areas of study include mechanics, energy, waves, electricity, and nuclear physics.

***This course may be used to satisfy Sturgeon Bay High School science requirements. However, the course may not satisfy four-year university requirements. Check with your university to be sure.*

PHYSICS

Elective Course

1.0 credits

Physics is the physical science which deals with matter and energy and with the transformations of energy. The curriculum is a combination of Project Physics, Heath Physics, and traditional physics. It concentrates on mechanics (force, speed, acceleration, momentum, and energy), fluids, and waves (properties, sound waves, and light waves).

HUMAN BIOLOGY 102

Elective Course

1.0 credits

This is a college-level course which provides the student with a broad overview of biology with respect to humans. It is designed to explore human biology as a process, evaluation, energy transfer, continuity and change, relationship of structure to function, regulation, interdependence in nature, and the unified understanding of human biology as it pertains to science, technology, and society. Two dissections are included in the course content.



Title	Grades	Prerequisites	Credits
World Cultures	9	None	1.0
Modern European History	9	Non: emphasis on writing	1.0
U. S. History	10	None	1.0
AP U. S. History	11-12	Successful completion of U. S. History	1.0
American Studies	11-12	None	1.0
Social Psychology	9-12	None	0.5
Introduction to Diversity Studies (NWTC)	11-12	None	0.75
Introduction to Psychology (NWTC)	11-12	None	1.0
Cinema, History, & Culture	11-12	World Cultures or Modern European History AND U. S. History	0.5
Social Issues & Current Events	9-12	None	0.5
Terrorism in the 21st Century	10-12	Modern European History and 1	0.5



WORLD CULTURES

Required Course

1.0 credits

This course will combine the study of history and modern world cultures. Original civilizations on each continent such as the Egyptians, Mesopotamians, Indo-Aryans, and Meso-Americans will be used as the basis for an exploration of how the history and geography of an area affect the way that people live today. Geography and history perspectives will be used to explore the historical roots of modern day cultural practices, conflicts, and relationships. An emphasis will be placed on universal historic themes such as colonization, development, and appreciation of cultural diversity.

Modern European History

Course

1.0 credits

This course examines the events that led to modern societies developing in Europe. The course will begin with the Renaissance as a building block that helped move Europe from the Middle Ages to the modern period. Topics such as the French Revolution, Industrialization, World War I, the Holocaust, and the Cold War will all be addressed through the course. Lecture, discussion, small-group work, and individual work will also be parts of this course. Additionally, this course includes an emphasis on writing. Students are expected to write document-based question (DBQ) essays or long essay questions. Students are expected to be able to read, analyze, and interpret primary sources when writing essays.

U. S. HISTORY

Required Course

1.0 credits

This course will examine the development of the United States from 1900 to present. The 20th century saw the United States flourish into a world superpower as it was involved with virtually every important development in the world during this time. Current events (especially as they pertain to the past) will also be a component of this course.

AP US HISTORY

Elective Course

1.0 credits

This course covers North American exploration to the modern day U. S. This course is designed to provide students with the analytical skills and factual knowledge necessary to deal analytically with major events in U. S. history. The course prepares students for intermediate and advanced college courses by making heavy academic demands upon them equivalent to those made by full-year introductory college courses. In addition to an in-depth study of American history, students will learn to assess historical materials, their relevance to a given era, and their reliability. Students will be required to pass the College Board exam to receive college credit. (The cost of the exam is the responsibility of students.)

AMERICAN STUDIES

Required Course

1.0 credits

The United States federal government will be explored using historical and current events. The role of the U. S. Constitution in the daily life of students will be a part of the class. Citizenship responsibilities at the local, state, and national levels will be examined. This course will also provide students with the basics of economic reasoning by studying how people and businesses make decisions in the marketplace. Specific issues in the areas of inflation, unemployment, supply and demand, and the current U. S. economy will be examined.

SOCIAL PSYCHOLOGY

Elective Course

0.5 credits

Sociology, which is the study of human interactions on an individual and group level, will be used as the foundation of an introduction to Social Psychology. Regular class readings will be used to explore traditional sociological areas of study such as culture and change, social stratification, and race and ethnicity will be augmented by elements of psychology theory.



INTRODUCTION TO DIVERSITY STUDIES (NWTC)

Elective Course
0.75 credits

In Introduction to Diversity Studies, students will use a global perspective to analyze current and historic topics (e.g., intergroup communication, immigration, privilege, and bias) which affect diverse populations in the U. S. and across the world. The goal of this course is to help students develop a framework of vocabulary and understanding that will guide them toward becoming a productive member of a diverse world.

***For students in Grades 11 and 12, a final grade of "C" or better will earn credit at Northeast Wisconsin Technical College.*

INTRODUCTION TO PSYCHOLOGY (NWTC)

Elective Course
1.0 credits

This course is a survey of theoretical foundations of human behavior such as sensation and perception, motivation, emotions, learning, personality, psychological disorders, therapy, stress, and human diversity in personal, social, and vocational settings.

***For students in Grades 11 and 12, a final grade of "C" or better will earn credit at Northeast Wisconsin Technical College.*

CINEMA, HISTORY, & CULTURE

Elective Course
0.5 credits

This is an inquiry and writing-based course that focuses on how movies have reflected and shaped cultural and historic era. In the course, students will explore the context of 10 movies that represent important cultural or historical events and apply inquiry techniques to writing projects for each. For example, students would do background readings on the Meiji Restoration in Japan, watch the film *The Last Samurai*, and write a fact vs. fiction essay on the time period.

SOCIAL ISSUES & CURRENT EVENTS

Elective Course
0.5 credits

This course focuses on current events and social issues. The issues discussed will detail events regarding the news and modern day social problems. Students will develop skills in research, group discussion, and critical thinking. This course is meant for students who want to actively participate in discussion and have the freedom to discuss issues of interest to them. Students are expected to be actively involved in the class discussions and be willing to share personal viewpoints. Students will also view and discuss news events and be required to give presentations to the class.

TERRORISM IN THE 21st CENTURY

Elective Course
0.5 credits

Students enrolling in this course need to have completed Modern European History or at least Semester 1 of U. S. History. At the school counselor's discretion, it is possible for a student to complete Semester 1 of U. S. History simultaneously with Terrorism in the 21st Century. These prerequisite course requirements are in place because it is important for students to have an understanding of domestic and foreign policy in the United States as a result of terrorism. Throughout this course, students will delve into the history of terrorism and pre-9/11 terrorism in the United States. Additionally, students will study Osama bin Laden, the terror organizations responsible for 9/11, the War on Terror, and current terror groups attempting to destroy world order. Lastly, students will study how 9/11 shaped both domestic and foreign policy for the United States in the 21st Century.



Title	Grades	Prerequisites	Credits
Around the House	9-12	None	0.5
How to Make Just About Anything (Was: Intro to Tech Ed)	9-12	None	1.0
Intro to Metals	9-12	None	1.0
Advanced Metals (Was: Metal Fabrication- Advanced)	10-12	Metal Fabrication - Basic	1.0
Design & Build	9-12	Algebra I	1.0
Theater Arts: Set Design (HS Musical)	9-12	None	0.5
Woodworking (Was: Wood Techniques- Introduction)	9-12	None	1.0
Advanced Woodworking (Was: Wood Techniques - Advanced)	10-12	Wood Techniques-Introduction	1.0
Building Construction (New Course)	10-12	Wood Techniques-Introduction	1.0
CNC Proqraming (New course)	10-12	Metal Fabrication - Basic	0.5



AROUND THE HOUSE

Elective Course
0.5 credits

This course is designed for any future homeowner or renter. Time will be spent focusing on basic electricity, drywall, painting, auto mechanics, plumbing, and other home maintenance topics. Students will have the opportunity to safely work with common hand and power tools found around the home.

**HOW TO MAKE JUST ABOUT ANYTHING
(Formerly: Intro to Technology Education)**

Elective Course
1.0 credits

A maker is someone who chooses to make things of their own choosing, instead of going to a store to buy things that are sort of right. Making involves a willingness to take a risk and try something new, not being afraid to not get it right the first time, and to experience the joy of success. This course will help you build many of the making skills employers are looking for. The engineering design process is the model for all the making that occurs in this course. Students use the engineering process as a model for creating something to solve a problem. Technologies available in the lab to aid in problem solving are Corel Draw, Autodesk Inventor, HP Workstations, Epilog laser, 3D printers, CNC Routers and vinyl cutter.

**INTRODUCTION TO METALS
(Formerly: Metal Fabrication: Basic)**

Elective Course
1.0 credits

This course is designed to give students a general introduction to machining, metal fabrication, and welding. Students will receive instruction in the use of hand tools, lathe work, mill work, foundry, and welding. Basic welding and safety will be taught for TIG welding, MIG welding, and Stick welding.

**ADVANCED METALS
(Formerly: Metal Fabrication: Advanced)**

Elective Course
1.0 credits

This course is designed for students who want to continue developing knowledge and skills in welding, machining, metal fabrication, and CNC operations. Students will apply these skills through Out of position welding, different material welding, and more complex machining projects.

DESIGN & BUILD

Elective Course
0.5 credits

In this introductory course, students will receive instruction in computer solid modeling as well as hands-on problem solving, model making, prototyping, and solving “real life” technical problems. Students will utilize CNC routers, lasers, 3D printers, programmable microcontrollers, robotics, and automation to design, build, program, and test open-ended projects. This class is great for any student interested in engineering or for those who just like to design and build.

THEATER ARTS: SET DESIGN (HS MUSICAL)

Elective Course
0.5 credits

This course is one of three courses offered simultaneously for the purpose of staging the annual school musical, similar to the structure of middle school Allied Arts. Students in Theater Arts – Set Design will be responsible for all aspects of set design and construction. Students in this course will also assist with scene changes and therefore must be available for all musical performances, which are scheduled for May. The two companion courses are Theater Arts – Costume Design (offered in the Family and Consumer Sciences Department) and Theater Arts – Music (offered in the Music Department).



**Introduction to Woodworking
(Previously Wood Techniques: Introduction)**

Elective Course
1.0 credits

This course is an introduction to basic woodworking processes. The course includes the following: safety practices for woodworking equipment, care and use of tools and power equipment; planning and procedures necessary to produce a product; methods of fastening wood; preparation and the finishing of wood; and the study of wood structure, lumber, and plywood. This course begins with a required (teacher-chosen) project for everyone to complete. Students then choose projects after the required project is completed. Upon completion of this course, students will have knowledge of the skills necessary to perform a basic level of expertise in the techniques of wood construction and in the use of both hand and power tools.

**Advanced Woodworking
(Previously Wood Techniques: Advanced)**

Elective Course
1.0 credits

This course is intended to expand the knowledge, skills, and abilities students acquired in Introduction to Woodworking in order to create larger and more complex projects using our CNC equipment and other advanced processes. Students will create one small project planned by the instructor, then create projects of their own choosing. Students will use AutoCAD, a 2D modeling software, for project planning.

BUILDING CONSTRUCTION (NEW)

Elective Course
1.0 credits

This course is intended to teach students the basic aspects of building construction. Students will build an instructor designed construction project. Projects include Ice Shanties and Garden Sheds. The students will learn correct vocabulary and hands on skills required for basic building construction. Students will then have time towards the end of the semester to design and create their own woodworking project.

CNC PROGRAMING (NEW)

Elective Course
.05 credits

Computer Numeric Controlled (CNC) programming is an introductory course for those interested in CNC operations and CNC programming. The course will teach students about machine set up, machine run functions, and ultimately, how to develop and run CNC machine programs that shape and cut precision parts used in many industries. Students will apply principles of Computer Aided Design (CAD) and InventorCam (CAM) when designing and setting up tool paths for CNC milling and turning operations .



Title	Grades	Prerequisites	Credits
Spanish I	9-12	None	1.0
Spanish II	9-12	"C" or higher in Spanish I	1.0
Spanish III	10-12	"B" or higher in Spanish II	1.0
Spanish IV	11-12	"B" or higher in Spanish III	1.0
Spanish 202	11-12	"B" or higher in Spanish III	1.0



SPANISH I

Elective Course
1.0 credits

Spanish I is an introductory course that will provide students with a basic understanding of Spanish language use and grammar. Through individual, pair, and group activities, students will not only develop proper understanding of the written and oral forms of the language but will also familiarize themselves with the cultural diversity of the Spanish-speaking world.

SPANISH II

Elective Course
1.0 credits

Spanish II will develop students' knowledge of grammar and vocabulary. There will be an emphasis on the spoken, practical usage of the language through listening exercises that focus on pronunciation and building of vocabulary. There will be continued exposure to the culture and history of the Spanish-speaking world.

SPANISH III

Elective Course
1.0 credits

Spanish III will review grammar structures and expand students' vocabulary. More time will be placed on improving reading skills, conversational ability, and writing. Students will continue to study the culture and history of the target language.

SPANISH IV

Credit: 1

Prerequisites: "C" or higher in Spanish III or consent of instructor

Required supplies or fees: None

Spanish IV is an advanced-level course with emphasis on communication in Spanish. The class is conducted almost entirely in the target language. Study includes exposure to film and authentic literature (short stories, poems, legends, essays, etc.) to increase student skills in listening and reading comprehension, vocabulary expansion, and writing. There is an intense grammar review. Students research, compose and present essays and projects on specific cultural themes of relevance to the Spanish-speaking world.

SPANISH 202 (UW-GREEN BAY CREDIT)

Elective Course

1.0 credits (SBHS)

3.0 credits (UW-Green Bay)

Spanish 202 is an advanced-level course designed to develop students' communicative abilities in Spanish. Students will develop listening, reading, speaking, and writing skills via a variety of informal and formal contexts: conversations, interviews, newspaper and magazine articles, short stories, poetry, videos, and a variety of online resources. Students are expected to compose different types of short essays (description, narration, opinion, etc.). Additional time is given to grammar review and refinement.

Title	Grades	Prerequisites	Credits
NWTC Distance Learning Course	10-12	Based on course requirements	1-3
NWTC Practical Nursing Program	11-12	Based on course requirements, GPA 3.0 or above	



NWTC DISTANCE LEARNING COURSES

Elective Course

School and Northeast Wisconsin Technical College (NWTC). Students take distance learning courses at the high school using web conferencing technology. Distance learning offers students and NWTC instructors the ability to see and hear each other in real time using interactive web conferencing. Students will connect with other high schools around the state from their high school classrooms during the regular school day. Distance learning instructors are NWTC employees and are typically based all around the region.

***For students in Grades 11 and 12, a final grade of "C" or better will earn credit at Northeast Wisconsin Technical College.*

***This course may not count toward four-year university entrance requirements.*

NWTC PRACTICAL NURSING PROGRAM

Elective Course

Students may now start the NWTC Practical Nursing program while in high school. As a Practical Nursing program graduate, students are eligible for careers in a variety of settings which could include an acute care hospital, a long-term care/rehab facility, a physician's office, an insurance provider, or a home health agency. As a member of the health care team, the licensed practical nurse provides care to patients whose conditions are relatively stable and assists the registered nurse or health care provider in the care of the acutely ill patient. NWTC graduate benefits include the following:

- Many students are offered employment during their final clinical experience.
- The Practical Nursing faculty members are experts in the nursing profession who have completed graduate level nursing education.
- Graduates of this program, after obtaining licensure and completing additional coursework, may enter the Nursing – Associate Degree program to become a registered nurse.

For more information, please see Mrs. O'Handley.

***For students in Grades 11 and 12, a final grade of "C" or better will earn credit at Northeast Wisconsin Technical College.*

***This course may not count toward four-year university entrance requirements.*



Title	Grades	Prerequisites	Credits
Service Learning	9-12	None	0.5
Work Experience	11-12	Consent of counselor/principal	Max 6 per year
Online AP (Advanced Placement) Courses	11-12	Consent of counselor/principal	0.5 / 1.0
Volunteering (Credit)	11-12	Completion of Community volunteerism requirement	0.5
Independent Study Program	11-12	Building Leadership Team Approval	.05 / 1.0
Volunteering (Hours)	11-12	Can enroll only once during HS career	40 hours
Collaborative Classroom Experience	9-12	Instructor approval required	0.5
Youth Apprenticeship	11-12	Satisfactory attendance, satisfactory graduation progress, personal transportation, workplace requirements	Varies



SERVICE LEARNING

Elective Course
0.5 credits

The purpose of this program is to provide students with an educational experience that will enable them to more fully understand and to give back to their community or school through participation in programs within the school system or in the community.

Students will have a variety of experiences dependent upon placement. In all cases, the experience will involve working with people and providing a service of some kind. Students are responsible for securing their own appropriate Service Learning placements prior to the first day of the quarter enrolled. Lists of placement opportunities will be made available through the coordinator of the Service Learning program. The coordinator must approve all Service Learning placements. Students must submit a calendar log documenting time and activities. A one-page midterm paper and final paper describing what service the student provided, feelings about the experience, what has been learned, and how the experience has benefited the student or the community will be required.

Students who, by state statute, have been identified as habitually truant within the previous two quarters of enrollment will not be eligible. Because students in this program are perceived as positive role models, a history of serious problems in the community and/or at school may prevent a student from participating in this program.

***Successful completion of this course will satisfy the 40-hour Community Volunteerism graduation requirement*

***Students may enroll in Service Learning only once during their high school careers.*

WORK EXPERIENCE

Elective Course
Max 6 credits per year

Elective credit shall be awarded at 0.5 credit per 70 hours of approved work experience. It is the student's responsibility to acquire and maintain employment. The school is not responsible for finding employment for a student due to loss of employment or for securing a different course of study in the event employment is lost. The on-site work supervisor may not be the student's parent, grandparent, sibling, aunt, or uncle.

ONLINE ADVANCED PLACEMENT (AP) COURSES

Elective Course
0.5—1.0 credits

A number of different online AP courses are available to Sturgeon Bay High School students. These courses are very rigorous and require a significant commitment of time outside the school day. Students who qualify must be highly motivated, computer literate, and able to complete assignments on a daily basis without having a teacher direct them. Students should speak with a school counselor for registration information.

VOLUNTEERING (credit)

Elective Course
0.5 credits

Students may enroll in Volunteering (Credit) only once during their high school careers. This course may not be substituted for the Community Volunteerism requirement.

Volunteer work identifies you as a person who is involved in your community, committed to giving time for the well-being of others, and experienced in real-world issues. Students who volunteer have an edge whether seeking employment, applying for colleges or technical schools, or competing for limited scholarships. Students must submit a calendar log documenting time and activities. A one-page midterm paper and final paper describing what service students provided, feelings about the experience, what has been learned, and how the experience has benefited students or the community will be required.



VOLUNTEERING (Hours)

Elective Course
40 Hours

Students may enroll in Volunteering (Hours) only once during their high school careers.

The 40 hours earned through completion of this course will be added to the hours earned for the Community Volunteerism requirement.

Volunteer work identifies you as a person who is involved in your community, committed to giving time for the well-being of others, and experienced in real-world issues. Students who volunteer have an edge whether seeking employment, applying for colleges or technical schools, or competing for limited scholarships. Students must submit a calendar log documenting time and activities. A one-page midterm paper and final paper describing what service students provided, feelings about the experience, what has been learned, and how the experience has benefited students or the community will be required.

INDEPENDENT STUDY PROGRAM

Elective Course
0.5 or 1.0 credits

The Independent Study Program encourages students to pursue intellectual, artistic, or career interests beyond what is offered in the present high school curriculum. With the aid of an adult mentor from the school or community, a student designs a 0.5- or 1.0-credit course of study for elective credit.

Application Deadline

Completed paperwork is due to the school counselor no later than April 30 in order for this project to be considered during the following school year.

If during a school year a student decides to pursue independent study to replace a study hall, completed paperwork is due to the school counselor at least one month prior to the beginning of the quarter or semester during which the student wishes to complete independent study.

Eligibility

The student should:
demonstrate self-discipline, motivation, and the ability to work with a minimum of direction as evidenced in teacher and counselor recommendations; and have at least a 3.0 grade point average.

Requirements

The student will:

submit a completed program application (request, proposed mentor, and draft proposal outline)

- have a proposal approved by the High School Leadership Council
- submit student reports, mentor reports, time logs, reflective journals or blogs, a summative report and any other documentation the mentor may require
- complete a minimum of:
 - 70 hours of study for 0.5 credit or
 - 140 hours of instruction for 1 credit
- maintain regular contact with mentor
- adhere to established deadlines
- incorporate a community-based element (e.g., community service, business partnership, etc.).

Supervision of the Student's Program

Supervision of the student's program will be provided by a mentor. The mentor is a specialist with expertise in the student's field of interest who offers guidance, supervision, and evaluation. The mentor may be a school employee or a community member and must be approved by the High School Leadership Council.

If the mentor is not a certified teacher, the student must also contract with a Sturgeon Bay High School teacher as the teacher of record.

Grading

The mentor will develop an assessment plan for the independent study student. The assessment plan must be submitted as part of the initial proposal. The Sturgeon Bay High School common grade scale will be applied to the assessment plan. Independent study students earn elective credit. Credit will be noted on the official transcript, and the grade will be calculated in the student's grade point average.



COLLABORATIVE CLASSROOM EXPERIENCE

Elective Course
0.5 credits

This course offers students the opportunity to assist a classroom teacher in a variety of ways including instructional support, peer tutoring, and classroom presentation of course material. Collaborative Classroom Experience is not the equivalent of Service Learning. Students interested in Collaborative Classroom Experience should have a strong interest in working with other students in one-on-one, small group, and large-group settings. Collaborative Classroom Experience may be taken multiple times during a student's high school career.

A student interested in this offering will need to complete an application process.

YOUTH APPRENTICESHIP

Elective Course

Youth Apprenticeship is a rigorous one- or two-year elective program for juniors and seniors that combines academic and technical classroom instruction with mentored, on-the-job training resulting in industry-established occupational and employability skills. Post-secondary and business partnerships are essential for a successful Youth Apprenticeship program. Depending on availability in Door County, Youth Apprenticeship programs may be available in the following areas: Agriculture; Food and Natural Resources; Architecture and Construction; Art, Audio/Visual Technology, and Communications; Finance; Health Science; Hospitality, Lodging, and Tourism; Information Technology; Manufacturing; Marketing; Science, Technology, Engineering, and Mathematics (STEM); and Transportation, Distribution and Logistics. Key elements of the Youth Apprenticeship program include:

industry-developed skill standards

- exposure to multiple aspects of the industry
- skilled mentors assigned to train the students
- paid on-the-job work experience
- related classroom instruction concurrent with work-based learning
- curriculum guidelines for all programs
- performance evaluation of demonstrated competencies
- state-issued skill certificate.

For more information, see the [Youth Apprenticeship website](#) or talk with the school counselor.



****40 HOURS OF COMMUNITY VOLUNTEERISM REQUIRED FOR GRADUATION**

Why is volunteering important?

Volunteer work identifies you as a person who is involved in your community, committed to giving time for the well-being of others, and experienced in real-world issues. Students who volunteer have an edge whether seeking employment, applying for colleges or technical schools, or competing for limited scholarships.

What opportunities are offered to me by volunteering?

- Test your learning in the real world.
- Work with some of the community's skilled leaders and professionals.
- Learn about some of society's needs, issues, and problems.
- Explore a career possibility.
- Enhance employability by gaining work experience and references.
- Obtain an edge for scholarships.

Is volunteering required of me?

In order to earn a Sturgeon Bay High School diploma, students must complete 40 hours of community volunteerism.

How do I participate in the Community Volunteerism program?

1. Obtain a Community Volunteerism packet from the High School Office.
2. Work as a volunteer for a non-profit community organization.
3. Request that your site supervisor complete the Experience Evaluation form.
4. Write a one-page summary of your volunteerism experience. Be sure to address the following in your summary:
 - a. What were the duties of your volunteer role?
 - b. Why did you choose this particular activity to satisfy the volunteer requirement?
 - c. What did you learn from your volunteer work?
5. Return your Experience Verification form and your one-page summary to the High School Office.

Where can I volunteer?

- All area schools
- Altrusa
- American Cancer Society Relay for Life
- American Red Cross
- Boy and Girl Scouts
- Clothe My People
- Department of Social Services
- Door County Memorial Hospital
- Feed My People
- Headstart
- Rotary International
- Senior Center
- Dorchester Health and Rehab Center
- United Way
- YMCA
- Other non-profit organizations

[Volunteer Experience Form](#)**



