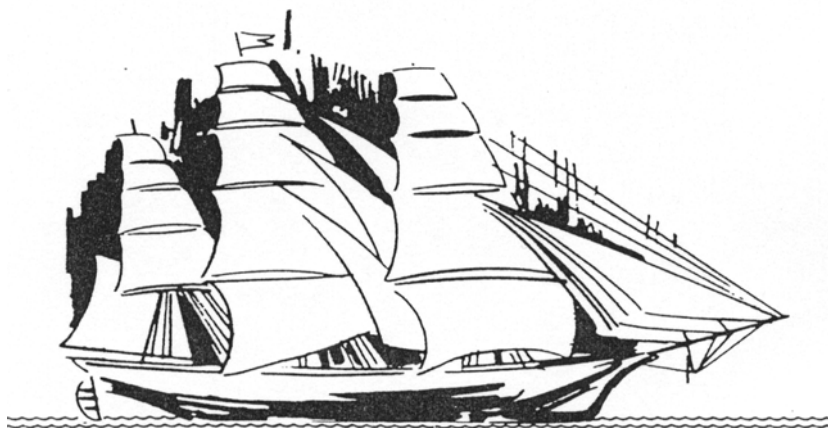


**Registration Guide and  
Course Description Booklet  
2009-10**



*Home of the Clippers*

**Sturgeon Bay High School  
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## **Nondiscrimination Policy**

It is the policy of the School District of Sturgeon Bay that no student may be denied admission to any public school in this district or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extra-curricular, pupil service, recreational, or other program or activity because of the person's age, sex, race, national origin, ancestry, creed, religion, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional, or learning disability or handicap as required by s. 118.13, Wis. Stats. This policy also prohibits discrimination as defined by Title IX of the Education Amendments of 1972 (sex), Title VI of the Civil Rights Act of 1964 (race and national origin), and Section 504 of the Rehabilitation Act of 1973.

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. Joe Stutting  
Superintendent  
School District of Sturgeon Bay  
1230 Michigan Street  
Sturgeon Bay, WI 54235  
920.746.2800

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

Ms. Sharon Sanderson  
Director of Pupil Services  
School District of Sturgeon Bay  
1230 Michigan Street  
Sturgeon Bay, WI 54235  
920.746.2816

## 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, the vocational and personal interests of the student, and the ability of the student. 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 term. 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.

In some high schools that utilize block scheduling, study halls have been eliminated as being unnecessary for most students. While students at Sturgeon Bay High School do have the option of building a study hall into the schedule, it is recommended that this be done only if the student truly needs the time to study and is committed to using the time productively or if there are no other courses available that the student may take during a given block of 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. Students meet with their school counselors to discuss the choices.
3. Students enter course requests into PowerSchool.
4. Based on student requests, a master schedule is created and entered into PowerSchool.
5. PowerSchool generates a course schedule for each student based on that student's requests.
6. Counselors review all schedules individually and make necessary adjustments.

### 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 or if the change will have either a positive or neutral impact on resource allocation. In all cases, schedule changes will be closely scrutinized, and parents and students must understand that they may not always be granted.*

## **Graduation Requirements (School Board Policy IKE)**

The student must earn a minimum of 26 credits in order to graduate from Sturgeon Bay High School. Included in the credit requirements are the following:

- 4 credits of English.
- 3 credits of social studies (including Geography, or World History I, or World History II; U.S. History; and American Studies).
- 2.0 credits of mathematics (1 credit of an algebra course [Applied Math I, Pre-Algebra, or Algebra I], 0.5-credit of Geometry, and 0.5-credit of Probability and Statistics [which can be completed by taking 1 credit of Basic Geometry and Statistics or 0.5-credit of Geometry and 0.5-credit of Probability and Statistics]).
- 2 credits of science (Earth Science and Biology).
- 1.5 credits of physical education.
- 0.5-credit of Life Skills.
- 0.5-credit of Personal Money Management.
- 0.5-credit of Health. (This requirement may be met by taking the course in Grade 7 or 8, but no high school credit is awarded if completed before Grade 9.)
- 0.5-credit of Computer Applications. (This requirement will be met by those students who successfully complete the computer applications course sequence in Grades 6 – 8 at T. J. Walker Middle School. Transfer students who have not taken a computer applications course or students who have not successfully completed the computer applications course sequence in Grades 6 – 8 at T. J. Walker Middle School will be required to take 0.5-credit of Computer Applications during high school.)
- Elective credits necessary to bring the total credits earned to a minimum of 26.

Students shall also serve and document completion of 40 hours of community volunteerism over a four-year time period.

## Important Information for Seniors

1. Students and parents are responsible for verifying completion of total credits required for graduation. If there are any questions regarding credits or requirements, an appointment with the school counselor should be made as soon as possible.
2. No member of the graduating class shall take part in the commencement ceremony without meeting the credit requirements.
3. A senior who reaches the state definition of truancy (five full or partial days of unexcused absences) in the second semester *will not* participate in the commencement ceremony.
4. Seniors must be registered as full-time students (enrolled in a minimum of three courses) in the transcribed grading period immediately prior to graduation in order to take part in the commencement ceremony. In cases of extreme family hardships or for educational reasons, a work program may be arranged in the student's best interest.
5. Completion of the State of Wisconsin's GED program or HSED program *does not* qualify a student for a diploma from Sturgeon Bay High School. Sturgeon Bay High School, GED, and HSED stand as separate and distinct programs.

## Preparation for College or University

### Requirements and Recommendations

Students applying to colleges should be aware of admission requirements and testing. Not all high school courses are acceptable for meeting college admission requirements. Careful planning is necessary in order to meet goals. Most colleges *require* a minimum of 4 credits of English and 3 credits each of science, math, and social studies. Most colleges *recommend* at least 2 credits of a foreign language. Selective colleges may require much more. Students should check with the counselor for assistance in reviewing the admission requirements for a specific college.

All UW System institutions *require* a minimum of 17 high school credits distributed as follows:

- Core College Preparatory Credits – 13 credits
  - English – 4 credits
  - Mathematics (Algebra I and above) – 3 credits
  - Social Science – 3 credits
  - Natural Science – 3 credits
- Elective College Preparatory Credits – 4 credits

Elective credits are chosen from the above core college preparatory areas, foreign language, fine arts, computer science, and other academic areas. A minimum of 2 credits in a single foreign language is required for admission to UW-Eau Claire and UW-Madison. Some UW System institutions may accept career and technical education courses for a portion of the 4 elective credits.

Career map information is available on the Sturgeon Bay High School website. Careers maps are a useful tool in planning one's high school career. Visit the following website to review one of the many career maps that have been prepared for Sturgeon Bay High School students: <http://www.sturgeonbayschools.org/guidance/Guidance.htm>.

### College Credit Opportunities, Advanced Placement (AP) Courses, and Technical College Articulation Agreements

Opportunities are available at Sturgeon Bay High School for students to earn college credits or advanced standing at a technical college or four-year college or university for successfully completing specific courses offered through the high school. The purpose of these agreements is to establish the transition for students from the secondary level into post-secondary institutions of higher education and vocational/technical programs at NWTC. See the counselor about these programs.

## **Athletic Requirements (NCAA) for College Athletic Participation**

The NCAA has clear academic standards that must be met in order for a student to compete at the Division I or II levels of collegiate athletics. High school student-athletes should carefully review the NCAA academic and ACT or SAT requirements when planning for college. College-bound student-athletes must consider the list of approved core subjects following this statement when planning the high school schedule. It is strongly suggested that prospective student-athletes at Sturgeon Bay who plan to participate in intercollegiate athletics at an NCAA Division I or II institution access the NCAA website at [www.ncaa.org](http://www.ncaa.org). From this site, click on the “Academics & Athletes” link, and pull down to “Eligibility and Recruiting.” Click on “Initial-Eligibility Clearinghouse” to access specific information and forms for prospective student-athletes. Review this information carefully to understand the initial eligibility requirements. It is also recommended that students consult with a school counselor to assist with this process.

### ***NCAA-Approved Core Courses***

#### **English**

World Literature  
World Literature – Accelerated  
British Literature  
British Literature – Accelerated  
College Writing  
English 9  
English 9 – Accelerated  
English 10  
English 10 – Accelerated  
Expository Writing  
Journalism

#### **Mathematics**

Algebra I  
Algebra I – Accelerated  
Algebra II  
AP Calculus  
Geometry  
Geometry – Accelerated  
Pre-Calculus  
Probability and Statistics  
Trigonometry and Other Functions

#### **Natural / Physical Science**

Advanced Topics – Physics  
Anatomy and Physiology (Lab)

#### **Natural / Physical Science**

AP Chemistry  
Astronomy (Lab)  
Biochemistry (Lab)  
Biology (Lab)  
Chemistry (Lab)  
Concepts of Chemistry (Lab)  
Concepts of Physics (Lab)  
Earth Science  
Ecology (Lab)  
Organic Chemistry  
Physics (Lab)  
Research Biology (Lab)

#### **Social Science**

American Studies  
AP U. S. History  
Geography  
Psychology  
Social Issues and Current Events  
Sociology  
U. S. History  
World History I and II

#### **Additional Core Course**

French I, II, III, and IV  
Spanish I, II, III, IV, and V

## Preparation for Technical College

Recent surveys indicate that nearly 80 percent of jobs available in the near future will not require a baccalaureate degree but *will require* technical training beyond high school. A student who is preparing to enter an associate degree program will increase opportunities for success in the program by having average or above-average grades in high school courses which lay the foundation for the program.

Career map information is available on the Sturgeon Bay High School website. Careers maps are a useful tool in planning one's high school career. Visit the following website to review one of the many career maps that have been prepared for Sturgeon Bay High School students: <http://www.sturgeonbayschools.org/guidance/Guidance.htm>.

## 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. (Taken from <http://www.21stcenturyskills.org/index.php>.)

- 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
  - Demonstrating initiative to advance skill levels towards a professional level
  - Defining, prioritizing, and completing tasks without direct oversight
  - Utilizing time efficiently and managing workload
  - Demonstrating commitment to learning as a lifelong process
- 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
- Productivity and Accountability
  - Setting and meeting high standards and goals for delivering quality work on time
  - Demonstrating diligence and a positive work ethic (e.g., being punctual and reliable)
- 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

## Wisconsin Youth Options

Students in Grades 11 or 12 may enroll in a Wisconsin institution of higher education for the purpose of taking one or more nonsectarian courses. *Students seeking high school or college credit through this program must apply to the Board of Education for approval by March 1 for a course to be taken during the following fall semester and by October 1 for a course to be taken during the following spring semester.* By the end of the semester in which the student applies, the Board of Education must notify the student if post-secondary course work will be approved for high school credit and how much credit will be awarded.

A student participating in the program may appeal the Board of Education's decision not to award high school credit to the state superintendent of public instruction within 30 days of the decision. The state superintendent has the final authority to decide if high school credit should be awarded.

The Board of Education pays the cost as specified for the program if the course is approved for high school credit unless the board determines that the post-secondary course is comparable (80 percent match) to a course offered and available to the student in the district. Students pay the cost if enrolled in a program for post-secondary credit only. If a student receives both high school and post-secondary credit, the school district is required to pay the cost.

The Board of Education shall limit payment for post-secondary credits to not more than 18 credits. If a student receives a failing grade or fails to complete a course for which the district has made payment, the student is responsible for reimbursement to the district of all costs related to the course. Any questions regarding the Youth Options Program should be directed to the school counselor or principal.

## Course List

### Art

Basic Design  
Drawing and Illustration I, II, and III  
Painting and Collage I, II, and III  
Ceramics / Pottery I, II, and III  
Art Metals I, II, and III  
Mixed Media I, II, and III  
Digital Imagery I, II, and III  
AP Studio Art  
Yearbook

### Business and Information Technology

Computer Applications  
Personal Money Management  
Introduction to Business  
Accounting Principles  
Business Law  
Entrepreneurship  
Marketing

### Computer Science

Introduction to Computer Science  
Computer Programming I  
Web Page Design I

### English

Reading Strategies  
English 9  
English 9 – Accelerated  
English 10  
English 10 – Accelerated  
World Literature  
World Literature – Accelerated  
British Literature  
British Literature – Accelerated  
Creative Writing  
Oral Communications  
Plays and Playwrights  
Research Writing  
College Writing \*  
Expository Writing \*

### Family and Consumer Education

Food and Nutrition  
Food Service  
Creative Foods  
Clothing I and II  
Personal and Family Relations  
Parenting and Child Development  
Health Occupations

### Foreign Language

French I, II, III, and IV  
Spanish I, II, III, IV, and V

### Mathematics

Applied Math I  
Pre-Algebra  
Basic Geometry and Statistics  
Algebra I  
Algebra I – Accelerated  
Geometry  
Geometry – Accelerated  
Algebra II  
Trigonometry and Other Functions  
Senior Trigonometry  
Pre-Calculus  
AP Calculus  
Probability and Statistics

### Music

Concert Band  
Wind Ensemble  
Men's Choir  
Women's Choir  
Concert Choir  
Beginning Guitar  
Music Appreciation  
Music Theory

### Physical Education

Grade 9 Co-Ed Physical Education  
Grade 10 Co-Ed Physical Education  
Grades 11-12 Co-Ed Physical Education  
Better Faster Stronger  
Weight Training and Conditioning

### Science

Earth Science  
Biology  
Environmental Topics  
Astronomy  
Ecology  
Concepts of Chemistry  
Concepts of Physics  
Anatomy and Physiology  
Chemistry  
AP Chemistry  
Physics  
Advanced Topics in Physics  
Research Biology  
Biochemistry  
Organic Chemistry

**Social Studies**

Geography  
World History I and II  
U. S. History Skills  
U. S. History  
AP U. S. History  
American Studies  
Civics Skills  
Psychology  
Sociology  
Social Issues and Current Events

**Technology Education**

Around the House  
Introduction to Technology Education  
Metals I and II  
Drafting I, IIA, and IIB  
Woods I and II  
Home Construction Project \*\*

**Non-Departmental Offerings**

Life Skills  
Service Learning  
Gifted and Talented Independent Study  
Online Remedial Courses  
Supervised Work Experience  
Online AP Courses  
Volunteering  
Community Volunteerism

\* = 3-credit college course

\*\* = Articulated with NWTC

## Course Descriptions

### Art Department

#### **Basic Design**

*Credit: 0.5*

*Prerequisites: None*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

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.

*Note: Students must earn a grade of "C" or higher to continue in other studio classes.*

#### **Drawing and Illustration I**

*Credit: 0.5*      *Offered as a skinny*

*Prerequisites: "C" or higher in Basic Design*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

In Drawing and Illustration I, students will primarily focus on several drawing styles and mediums through a variety of subject matter. Students will explore how work can be used in graphic illustration. Many techniques will be used (printmaking, pen and ink, pastels, line and wash, and some mixed media) as well as concepts of realism and abstraction.

#### **Drawing and Illustration II**

*Credit: 0.5*

*Prerequisites: "B" or higher in Drawing and Illustration I*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

Drawing and Illustration II will demand more advanced criteria for grading. Students will also get the opportunity to focus on a theme and/or medium of interest upon the approval of the instructor depending on the level of difficulty.

#### **Drawing and Illustration III**

*Credit: 0.5*

*Prerequisites: "B" or higher in Drawing and Illustration II*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

Drawing and Illustration III will demand more advanced criteria for grading. Students will also get the opportunity to focus on a theme and/or medium of interest upon the approval of the instructor depending on the level of difficulty.

#### **Painting and Collage I**

*Credit: 0.5*

*Prerequisites: "C" or higher in Basic Design*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

Students will be working with painting media and solving a variety of design problems in their work. A realistic and an abstract approach will be explored throughout the term. Creating form through values, textures, and shapes with the use of the principles of design will be a consistent theme. Some exploration with the use of collage will be offered as another style to express ideas.

### **Painting and Collage II**

*Credit: 0.5*

*Prerequisites: "B" or higher in Painting and Collage I*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

Painting and Collage II will demand more advanced criteria for grading. Students will also get the opportunity to focus on a theme and/or medium of interest upon the approval of the instructor depending on the level of difficulty.

### **Painting and Collage III**

*Credit: 0.5*

*Prerequisites: "B" or higher in Painting and Collage II*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

Painting and Collage III will demand more advanced criteria for grading. Students will also get the opportunity to focus on a theme and/or medium of interest upon the approval of the instructor depending on the level of difficulty.

### **Ceramics / Pottery I**

*Offered during Terms 1 and 3 only*

*Credit: 0.5*

*Prerequisites: "C" or higher in Basic Design*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

Students will focus mainly on creating functional ceramic vessels. This will be done through hand-built designs and throwing on the wheel. Coil and slab work will be created through textures and designs. Students will be given the opportunity to experiment with different glazes on an exploration project. A strong emphasis on craftsmanship will be highlighted during the term.

### **Ceramics / Pottery II**

*Offered during Terms 1 and 3 only*

*Credit: 0.5*

*Prerequisites: "B" or higher in Ceramics / Pottery I*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

Ceramics / Pottery II will demand more advanced criteria for grading. Students will also get the opportunity to focus on a theme and/or medium of interest upon the approval of the instructor depending on the level of difficulty.

### **Ceramics / Pottery III**

*Offered during Terms 1 and 3 only*

*Credit: 0.5*

*Prerequisites: "B" or higher in Ceramics / Pottery II*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

Ceramics / Pottery III will demand more advanced criteria for grading. Students will also get the opportunity to focus on a theme and/or medium of interest upon the approval of the instructor depending on the level of difficulty.

### **Art Metals I**

*Credit 0.5*

*Prerequisites: "C" or higher in Basic Design*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

This class will offer exposure to the art of metalsmithing. Soldering, fabrication, piercing, and casting jewelry on a small scale will be the main focus. Conceptual designing will be a source for inspiration throughout the term.

### **Art Metals II**

*Credit: 0.5*

*Prerequisites: "B" or higher in Art Metals I*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

Art Metals II will demand more advanced criteria for grading. Students will also get the opportunity to focus on a theme and/or medium of interest upon the approval of the instructor depending on the level of difficulty.

### **Art Metals III**

*Credit: 0.5*

*Prerequisites: "B" or higher in Art Metals II*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

Art Metals III will demand more advanced criteria for grading. Students will also get the opportunity to focus on a theme and/or medium of interest upon the approval of the instructor depending on the level of difficulty.

### **Mixed Media I**

*Credit: 0.5*

*Prerequisites: "C" or higher in Basic Design*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

This class will offer several opportunities to explore a variety of media in the art studio. These could include paper making, weaving, glasswork, fabric design, and other possible mixed-media additions including working with 3D materials. This class may change each year in order to explore different materials depending on availability and costs. Aesthetics as well as conceptual designs will be explored during the term.

### **Mixed Media II**

*Credit: 0.5*

*Prerequisites: "B" or higher in Multimedia I*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

Mixed Media II will demand more advanced criteria for grading. Students will also get the opportunity to focus on a theme and/or medium of interest upon the approval of the instructor depending on the level of difficulty.

### **Mixed Media III**

*Credit: 0.5*

*Prerequisites: "B" or higher in Multimedia II*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencil, and eraser required*

Mixed Media III will demand more advanced criteria for grading. Students will also get the opportunity to focus on a theme and/or medium of interest upon the approval of the instructor depending on the level of difficulty.

### **Digital Imagery I**

*Credit: 0.5*

*Prerequisites: "C" or higher in Basic Design*

*Required supplies or fees: Digital camera with at least 3.0 mega pixel capability*

This course is an introduction to the art of digital photography and computer graphics. Discussion topics will include the history of photography, the mechanics of a single lens reflex camera, and experimenting with digital imaging techniques. Students will be expected to create strong compositions using the design elements learned in Basic Design. The class will constantly balance realism and abstraction.

### **Digital Imagery II**

*Credit: 0.5*

*Prerequisites: "B" or higher in Digital Imagery I*

*Required supplies or fees: Digital camera with at least 3.0 mega pixel capability*

This course assumes that the student has taken the first level and has successfully learned how to create strong digital images. Discussion topics will include particular fields of photography study. Students will have the opportunity to explore individual ideas for layouts as well as completing specific assignments dealing with career areas. There will be more emphasis focusing on fine tuning creations as well as experimenting.

### **Digital Imagery III**

*Credit: 0.5*

*Prerequisites: "B" or higher in Digital Imagery II*

*Required supplies or fees: Digital camera with at least 3.0 mega pixel capability*

This course offers the student opportunities for integrating graphic design with digital photography. This course will go further into depth of problem solving graphic design issues common in the art world.

### **AP Studio Art**

*Credit: 1*

*Semester I only; full-semester course*

*Prerequisites: "A" in any studio area course and/or consent of instructor (portfolio may be requested)*

*Required supplies or fees: Material and supply fees will be charged; sketchbook, drawing pencils, eraser, and portfolio required; fee required to submit AP portfolio and any outside materials needed*

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. Artists will have the choice of a studio area (2-D, 3-D, drawing) on which they may focus during the term. Students will be given specific outlines for each area of interest. A written essay will be developed to support the concentration of the artist's choice. This is an excellent opportunity for students to develop portfolios for art schools as well as scholarship opportunities.

### **Yearbook**

*Credit: 1*      *Offered as a full-year skinny*

*Prerequisites: Grade 11 or 12 status with preference given to Grade 12 students; consent of instructor based on teacher recommendations*

This course meets every day to complete the school yearbook (*Flashes*). This course will involve digital photography, graphic layout, and journalism.

## **Business and Information Technology Department**

### **Computer Applications**

*Credit: 0.5*      *May be offered as a skinny or a block*

*Prerequisites: None*

Nearly every career today requires efficient computer use and trouble-shooting. In this course, students will receive hands-on training in the use of a word processor, spreadsheet, database, and presentation graphics software (Microsoft Word, Excel, Access, and PowerPoint). The skills acquired in this course will have applications for high school, college, and the workplace which meets above entry-level expertise through hands-on interactive application.

### **Personal Money Management**

*Credit: 0.5*

*Prerequisites: Required course; Grade 11 or 12 status*

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, loans and mortgages, large purchases, 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.

### **Introduction to Business**

*Credit: 0.5*

*Prerequisites: None*

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 the student acquire more thorough, in-depth knowledge and techniques used in solving business problems. This course is also a prerequisite for Accounting Principles, Business Law, Entrepreneurship, and Marketing.

### **Accounting Principles**

*Credit: 1*

*Prerequisites: Grade 11 or 12 status or consent of instructor; Introduction to Business*

*Required supplies or fees: Workbook purchase required*

Accounting is a skill course that is of special importance to all students pursuing a career in business. In this course, the student will learn the basis of the double-entry accounting system. The course 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. The student 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**

*Credit: 0.5*

*Prerequisites: Grade 11 or 12 status or consent of instructor; Introduction to Business*

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.

**Entrepreneurship**

*Credit: 0.5*

*Prerequisites: Grade 11 or 12 or consent of instructor; Introduction to Business*

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.

**Marketing**

*Credit: 0.5*

*Prerequisites: Grade 11 or 12 status or consent of instructor; Introduction to Business*

This course will provide students with an overview of the seven marketing functions. These include exploration of marketing careers, salesmanship skills, advertising, store operations, channels of distribution, and economics. The course features exploration of the influence of marketing on our everyday lives and how marketing impacts our decision-making consumer skills.

## Computer Science

### **Introduction to Computer Science**

*Credit: 0.5*

*Prerequisites: None*

The course is an introduction to the field of computer science. The class will cover three main units: programming, web coding, and advanced software applications. Programming will be an introduction to structured programming concepts and will cover about 40 percent of the class. Web coding will be an introduction to HTML code and will cover about 35 percent of the class. Advanced software applications will cover a variety of computer science topics and will cover about 25 percent of the class. Topics for the advanced software applications may include but not be limited to spreadsheets, databases, graphics, internet marketing, electronic commerce, or web hosting.

### **Computer Programming I**

*Credit: 0.5*

*Prerequisites: Successful completion of Algebra I, Geometry, and Introduction to Computer Science*

The course is a one-term introductory course in computer programming. Students will learn how to successfully plan and implement structured programs. Topics include a variety of programming concepts including flow charts, data diagrams, decision structures, loops, modular programming, arrays, recursion, graphics, and various methods of input and output.

### **Web Page Design I**

*Credit: 0.5*

*Prerequisites: Successful completion of Introduction to Computer Science, consent of the instructor, or recommendation from another teacher*

Students will learn to design, create, and maintain web pages. Topics include recognizing and using simple HTML tags, using a web development application, understanding the process of web site development, and editing and manipulating images. Students enrolled in Web Page Design I will assist in creating and maintaining the district's website.

## English Department

*Four credits of English are required for graduation from Sturgeon Bay High School. All students must enroll in at least one English course during each year of high school. Students can move from the non-college-prep program to the college-prep program and vice versa; however, it is in the individual's best interest to carefully select English courses.*

### Recommended Schedules

#### *For Students Seeking High School Graduation and Technical College Preparation*

<u>Grade</u>	<u>Course</u>
9	English 9
10	English 10
11	World Literature
12	British Literature Oral Communications

#### *For Students Seeking Four-Year University Preparation*

<u>Grade</u>	<u>Course</u>
9	English 9 or English 9 – Accelerated
10	English 10 or English 10 – Accelerated
11	World Literature or World Literature – Accelerated
12	British Literature or British Literature – Accelerated Research Writing

### Reading Strategies

*Credit: 0.5*

*Prerequisites: None*

This course is required for freshmen who have below-average Lexile scores as determined by the Grade 8 end-of-year SRI assessment. This course is an elective for students in Grades 10 – 12 who continue to be struggling readers as evidenced by low Lexile scores. The content and activities of this course will be tailored specifically to each student's needs.

### English 9

*Credit: 1*

*Prerequisites: None*

Students will study classic American literature, Shakespeare, and poetry. Literary terminology will be discussed and applied to works covered in class. Grammar usage, vocabulary, punctuation, and sentence structure are reviewed and extended. Students use their writing skills to produce essays, journals, and reflections on current events.

### English 9 – Accelerated

*Credit: 1*

*Prerequisites: Grade of "A" in Grade 8 Language Arts, middle school teacher recommendation, or "advanced" scores on the Reading and Language Arts portions of the Grade 8 WKCE test*

In English 9 – Accelerated, students will go beyond the required English 9 curriculum. Several collegiate-level short stories and William Faulkner's novel, *The Sound and the Fury*, will challenge students' comprehension levels. To be successful, students need to be self-motivated, and they must be advanced or proficient readers.

## **English 10**

*Credit: 1*

*Prerequisites: Successful completion of English 9 Skills, English 9, or English 9 – Accelerated*

The centerpiece of this two-term course is a broad survey of American literature from its Native American roots through the Modern Era. Instruction in composition supported by parallel studies of traditional grammar and usage, mechanics, spelling, and vocabulary will also be covered.

## **English 10 – Accelerated**

*Credit: 1*

*Prerequisites: Grade of "B" or higher in English 9 – Accelerated or grade of "A" in English 9 and teacher recommendation*

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.

## **World Literature**

*Credit: 1*

*Prerequisites: Successful completion of English 9 and English 10*

Through exploration of literature from many parts of the world and across spans of time, we will learn about the contributions of many authors who help us define what it means to be human. We will look for connections between the challenges and issues of the Ancient World and how those have changed or remained constant in our modern world. As literature is just one form of expression, we will examine the art, music, science, politics, and other aspects of the times in which the piece was written. Each unit will include reading and discussing literature; analysis through writing about literature; and researching related topics and presenting findings. Assessments include projects, tests, quizzes, formal writing, presentations, and group and individual contribution.

## **World Literature – Accelerated**

*Credit: 1*

*Prerequisites: "B" or higher in English 9 – Accelerated and English 10 – Accelerated and/or teacher recommendation; mastery of literature terminology and reading skills at or above the Grade 11 level*

Through exploration of Ancient Eastern, Arabic, Hebrew, and Chinese literature, we will learn about the contributions of many authors who laid the foundation for modern philosophy and thought. We will examine the quest of ancient man, explore epic heroes, and study Greek mythology. Accelerated students will be expected to draw parallels from art, music, science, politics, religion, and other forms of expression from the era. Each unit will include reading and discussing literature; analysis through extensive writing and responding to literature; and researching related topics and presenting findings. Assessments include daily reading and assignments, projects, tests, quizzes, formal writing, presentations, and group and individual contribution. The 6+1 trait writing process and rubrics will be emphasized.

## **British Literature**

*Credit: 1*

*Prerequisites: Successful completion of English 9, English 10, and English 11*

This is a two-term senior level course in which students read, analyze, and discuss a wide range of British literature. Discussion of the English language and British history are also explored. Assessment will be done through writings, objective tests, oral presentations, and projects.

## **British Literature – Accelerated**

*Credit: 1*

*Prerequisites: "B" or higher in World Literature and teacher recommendation*

This is a two-term senior level course in which students read, analyze, and discuss a variety of literature from the British canon. Study is done in chronological order from the Anglo-Saxon genre to the Contemporary period.

Students are expected to read several selected British novels outside of class as well. Comprehension of material will be assessed through writings, objective tests, oral presentations, and projects.

### **Creative Writing**

*Credit: 0.5*

*Prerequisites: Successful completion of English 9 and a strong desire to write*

After carefully studying a wide range of fictional types and structures, students will create a variety of original works in prose and poetry including short stories, dialogues, dramas, character sketches, and poetry. This course will carefully examine the creative writing process from the initial observation/idea step through the completion of a revised model. Students will develop their writing and language skills while utilizing their creative imagination.

### **Oral Communication**

*Credit: 0.5*

*Prerequisites: Successful completion of English 9*

This course is designed to develop student skills in the field of verbal communications. Course content includes a study of the communication process as well as experiences in group dynamics, speech/debate, conflict resolution, college/career interviews, presentations, motivation, humor, and the use of communications technology. Additional experiences may include work with the Sturgeon Bay High School Forensics Team. Preparation for business and academic presentations using PowerPoint will be addressed. Outside speakers from the business and academic community will enhance students' awareness of the application of strong speaking and writing skills in the workplace and community.

### **Plays and Playwrights**

*Credit: 0.5*

*Prerequisites: Successful completion of English 9*

This course offers an introduction to the appreciation of theatre as a literary art form. Students increase their critical and analytical abilities by studying playwrights, the art of theatrical production, and reading, viewing, and performing theatrical literature. Additional experiences may include work with the Sturgeon Bay High School Forensics Team. Collaboration with community theater groups will involve on-site participation and joint production.

### **Research Writing**

*Credit: 0.5*

*Prerequisites: Successful completion of World Literature or World Literature – Accelerated*

This is a writing course designed to teach formal writing. Students will learn how to properly research, organize, synthesize, and write formal papers using MLA style. Review of proper grammar and punctuation will also be addressed. Students will be required to submit two formal papers during the nine-week term.

*College-bound students are strongly encouraged to complete this course.*

### **College Writing**

*Offered Term 3 only*

*Credit: 0.5 high school credit; college credit possible*

*Prerequisites: British Literature – Accelerated and consent of instructor; passing score on entry assessment; limited enrollment*

*Required supplies or fees: Tuition and other fees*

*Note of explanation: Our philosophy is that the college writing courses are above and beyond the graduation requirements for Sturgeon Bay High School. These are college-level courses under the supervision of the University of Wisconsin – Green Bay and are intended as an opportunity for qualified students to attain college credit prior to high school graduation. They are not intended to replace the long-established high school curriculum (English 9, English 10, World Literature, and British Literature). Furthermore, to be qualified for a college-level course, a student should have demonstrated mastery of challenging high school-level coursework. To enroll in college-level writing courses without a solid background in a variety of literature courses is a detriment to the student. The*

*college writing courses focus on writing, not literature. It is the SBHS English Department's recommendation that all students follow the prescribed English curriculum before they enroll in college writing courses.*

This is an introductory course in college writing. The focus is on reading, writing, and thinking critically. The writing process will be emphasized with the use of portfolios. This course has been designed as a writing lab. Students may be able to earn college credit in this course through UW – Green Bay. The university requires that students be in the top 25 percent of their class and pass an entry test/essay writing assessment that is administered and assessed by UW – Green Bay. Eligibility may also depend on English ACT score and G.P.A. Students are responsible for college tuition costs and are expected to purchase the required texts.

**Expository Writing**

*Offered Term 4 only*

*Credit: 0.5 high school credit; college credit possible*

*Prerequisites: British Literature – Accelerated and consent of instructor; passing score on entry assessment; limited enrollment*

*Required supplies or fees: Tuition and other fees*

Expository Writing is offered through UW – Green Bay for qualified seniors. This course looks at popular culture and how it shapes our lives and values by exploring semiotics. Students will generate formal essays based on their assigned readings. Research skills are honed, and the writing process is reviewed. The course has been designed as a writing lab. The university requires that students be in the top 25 percent of their class and pass an entry test/essay writing assessment that is administered and assessed by UW – Green Bay. Eligibility may also be determined by English ACT score and G.P.A. Students are responsible for college tuition costs and are expected to purchase the required texts.

**Food and Nutrition**

*Credit: 0.5*

*Prerequisites: None*

Research is being focused on the contribution nutrition makes toward good health. Thus, 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, blood cholesterol, and blood pressure 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.

**Food Service**

*Credit: 0.5*

*Prerequisites: None*

Door County is greatly involved in the food service industry. This course will give the student a basic foundation in the procedures used in a restaurant including all preparatory stations. Students will learn about the different types of restaurants and the various jobs available in the food industry. Discover the food service industry through food preparation labs.

**Creative Foods**

*Credit: 0.5*

*Prerequisites: Successful completion of Food and Nutrition or Food Service; recommended for Grades 10-12*

Creativity is the focus of this course. Eventually students will be living on their own, most of whom will be on limited time and monetary budgets. Creative solutions to these issues will be covered in this course. Students will discover the creativity inside them through such units as gourmet cooking, cake decorating, and candy making. Other areas to be covered will be trendy appliances, vegetarianism, ethnic foods, and pasta from scratch. Students' creative talents will be realized through the many food preparation labs.

**Clothing I**

*Credit: 0.5*

*Prerequisites: None*

*Required supplies or fees: Material fees will be charged*

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, computerized sewing machines, and other emerging techniques. Expenses and supplies will be the responsibility of the student. Enroll in Clothing and acquire the life-long skill of sewing.

**Clothing II**

*Credit: 0.5*

*Prerequisite: "C" or higher in Clothing I; recommended for Grades 10-12*

*Required supplies or fees: Material fees will be charged*

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 the student.

**Personal and Family Relations**

*Offered in 2009-10; not offered in 2008-09*

*Credit: 0.5*

*Prerequisites: None*

The focus of this course is on the individual and families in knowing and understanding oneself, meeting needs, establishing values and attitudes, and setting goals to attain satisfactions. Studies include the topics of communication, emotions, family life cycle, various life styles, and crisis.

**Parenting and Child Development**

*Offered in 2008-09; not offered in 2009-10*

*Credit: 0.5*

*Prerequisites: None*

This course provides guidelines for good parenting. It takes students on a journey that begins with understanding parenting and includes information about becoming a parent; caring for, nurturing, and guiding children; and handling common parenting concerns.

**Health Occupations**

*Credit: 0.5*

*Prerequisites: Recommended for Grades 10 – 12*

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 health care industry as guest speakers, and job shadowing will be incorporated. This course is a prerequisite for participation in the Health Care Work Experience Program, which is currently under development at Sturgeon Bay High School.

## Foreign Language Department

### **Spanish I**

*Credit: 1 Offered as a block and possibly a skinny*

*Prerequisites: None*

*Required supplies or fees: Workbook purchase required*

This course is open to all students in Grades 9-12. The emphases are beginning grammar structures and vocabulary. Students need not be excellent English students but will learn grammar and how to pronounce new and different sounds. Also studied are the history, customs, and geography of the different Spanish-speaking countries.

### **Spanish II**

*Credit: 1*

*Prerequisites: "C" or higher in Spanish I or consent of instructor*

*Required supplies or fees: Workbook purchase required*

Remaining grammar structures are studied with additional emphasis on writing, reading, and speaking the language.

### **Spanish III**

*Credit: 1*

*Prerequisites: All students must obtain the signature of Spanish II instructor before they will be allowed to register for Spanish III*

*Required supplies or fees: Workbook purchase required*

Spanish III will review grammar structures and expand student vocabulary. More time emphasis will be placed on conversational ability, and writing will be featured. All students will write a series of six to eight compositions throughout the course and will create a portfolio of these compositions by the end of the course.

### **Spanish IV**

*Credit: 1*

*Prerequisites: All students must obtain the signature of the Spanish III instructor before they will be allowed to register for Spanish IV*

*Required supplies or fees: Workbook purchase required*

Spanish IV is an advanced-level course with emphasis on communication in Spanish. Study includes exposure to authentic literature to increase student skills in reading comprehension, vocabulary expansion, and writing. There is an intense grammar review. Special attention is given to the subjunctive mood. Students will research, compose, and present an explanatory essay on a specific region or province in Spain.

### **Spanish V**

*Credit: 1*

*Prerequisites: "B" or higher in Spanish IV*

*Required supplies or fees: Workbook purchase required*

Spanish V 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, auditory tapes, and Spanish cable television. Students are expected to compose different types of short essays (description, narration, opinion, etc). Students will make oral presentations to the class. Emphasis is placed upon grammar review and refinement.

**French I**

*Credit: 1*

*Prerequisites: None*

*Required supplies or fees: Workbook purchase required*

Learning basic vocabulary, grammar, pronunciation, and aspects of life in French-speaking countries is the primary objective of French I. Speaking, listening, reading, and writing the language are equally stressed. Culture is studied through songs, games, reading, and activity sheets that involve students in the learning process.

**French II**

*Credit: 1*

*Prerequisites: "C" or better in French I*

*Required supplies or fees: Workbook purchase required*

French II is a continuation of the study of vocabulary, grammar, culture, and pronunciation through speaking, listening, writing, and reading activities. Use of tapes, workbook exercises, and activity sheets will be continued as well. Students will become more proficient in understanding and using the language.

**French III**

*Credit: 1*

*Prerequisites: "C" or better in French II*

*Required supplies or fees: Workbook purchase required*

In French III, students will continue to learn additional verbs and verb forms, grammar, structure, and vocabulary. Students will also learn more about French history and culture through made-for-class readings and from authentic French books, literature, magazines, and newspapers. Class discussion will be primarily in French with an emphasis on developing comfort-level communication skills. Students will continue to develop skills in reading, understanding, and writing the language.

**French IV**

*Credit: 1*

*Prerequisites: Successful completion of French III*

*Required supplies or fees: Workbook purchase required*

Students will learn advanced grammatical structures and compound verb tenses. Study includes reading authentic French materials such as books, short stories, magazines and newspapers. As much as possible, class discussion will be in French. "Sounding French" will be a goal in verbal communication. Students will also learn to write complete compositions in the language.

<b>Mathematics Department</b>
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**Recommended Schedules**

*For Students Seeking Four-Year University Preparation*

<u>Option A</u>			<u>Option B</u>		
<u>Grade</u>	<u>Course</u>	<u>Semester</u>	<u>Grade</u>	<u>Course</u>	<u>Semester</u>
9	Algebra I	Either	9	Algebra I	Either
10	Geometry	Either	10	Geometry	Either
11	Algebra II	Either	11	Algebra II	Either
12	Trigonometry	1 <sup>st</sup>	12	Trigonometry (Seniors only)	2 <sup>nd</sup>
	Pre-Calculus	2 <sup>nd</sup>			

*For Students Seeking Four-Year University Preparation – Math, Science, or Engineering Majors*

<u>Grade</u>	<u>Course</u>	<u>Semester</u>
9	Algebra I – Accelerated	When Offered
10	Geometry – Accelerated	1 <sup>st</sup>
	Algebra II	2 <sup>nd</sup>
11	Trigonometry	1 <sup>st</sup>
	Pre-Calculus	2 <sup>nd</sup>
12	AP Calculus	Both Semesters

*Note: All students planning to take AP Calculus must have completed Algebra I – Accelerated and Geometry – Accelerated.*

*For Students Having Completed Algebra I – Accelerated in Grade 8*

<u>Grade</u>	<u>Course</u>	<u>Semester</u>
9	Geometry – Accelerated	1 <sup>st</sup>
10	Algebra II	Either
11	Trigonometry	1 <sup>st</sup>
	Pre-Calculus	2 <sup>nd</sup>
12	AP Calculus	Both Semesters

*Students Seeking High School Graduation and Technical College Preparation (or follow Four-Year University Preparation schedule)*

<u>Grade</u>	<u>Course</u>	<u>Semester</u>
9	Pre-Algebra or Applied Math I	Either
10	Algebra I or Basic Geometry and Statistics	Either
11	Algebra I	1 <sup>st</sup>
	Geometry	2 <sup>nd</sup>
12	Algebra II	Either

*Note: Probability and Statistics (0.5 credit) is required for graduation. It must be taken after Geometry has been successfully completed. Basic Geometry and Statistics may be taken in place of Probability of Statistics to meet graduation requirements; however, it does not meet two- or four-year college requirements.*

### **Applied Math I**

*Credit: 1*

*Prerequisites: Teacher, counselor, or administrator recommendation required*

*Required supplies or fees: TI scientific calculator with fraction key; other materials listed on the supply list or course handout*

This course is for those students who do not plan to take Algebra I and wish to fulfill the minimum graduation requirements. Applied Math I covers topics ranging from fractions to systems of equations all while focusing on the development of three skills: the ability to communicate, the ability to work in team situations, and the ability to solve problems. This course does not meet four-year college requirements. Credit can be earned in either Applied Math I or Pre-Algebra, but not for both.

### **Pre-Algebra**

*Credit: 1*

*Prerequisites: None*

*Required supplies or fees: TI scientific calculator with fraction key; other materials listed on the supply list or course handout*

Students should take this course only if they are planning to take Algebra and feel the need to review skills. 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. Credit can be earned in either Applied Math I or Pre-Algebra, but not for both.

### **Basic Geometry and Statistics**

*Credit: 1*

*Prerequisites: 1 credit earned of Applied Math or Pre-Algebra; departmental consent; students who have earned 1 credit of Algebra I may not enroll*

*Required supplies or fees: TI scientific calculator; other materials listed on the supply list or course handout*

This course is designed for students who have taken Applied Math I or 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**

*Credit: 1      Offered as both a block and a skinny*

*Prerequisites: None*

*Required supplies or fees: TI scientific calculator; other materials listed on the supply list or course handout*

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

### **Algebra I – Accelerated**

*Credit: 1*

*Prerequisites: Teacher, counselor, or administrator recommendation required*

*Required supplies or fees: TI scientific calculator; other materials listed on the supply list or course handout*

Algebra I – Accelerated features an in-depth coverage of all Algebra I topics and rational equations and continues to enrichment topics. Special emphasis is given to problem solving and applications.

## **Geometry**

*Credit: 1 Offered as a block and possibly as a skinny*

*Prerequisites: "C" or higher in Algebra I. If not, the department strongly recommends retaking Algebra I.*

*Required supplies or fees: TI scientific calculator; other materials listed on the supply list or course handout*

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

## **Geometry – Accelerated**

*Credit: 1*

*Prerequisites: "B" or higher in Algebra I – Accelerated or consent of instructor*

*Required supplies or fees: TI scientific calculator; other materials listed on the supply list or course handout*

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**

*Credit: 1*

*Prerequisites: "C" or higher in Geometry. If not, the department strongly recommends retaking Geometry.*

*Required supplies or fees: TI scientific calculator (strongly recommended: TI86 graphing calculator or TI84 Plus graphing calculator); other materials listed on the supply list or course handout*

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.

## **Trigonometry and Other Functions**

*Offered Semester I*

*Credit: 1*

*Prerequisites: Algebra I, Geometry, "C" or higher in Algebra II; Grade 11 requires consent of the instructor*

*Required supplies or fees: TI-Nspire graphing calculator or TI84 Plus graphing calculator; other materials listed on the supply list or course handout*

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**

*Offered Semester II*

*Credit: 1 credit*

*Prerequisites: Grade 12 status; Algebra I, Geometry, and Algebra II*

*Required supplies or fees: TI-Nspire graphing calculator or TI84 Plus graphing calculator; other materials listed on the supply list or course handout*

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**

*Credit: 1*

*Prerequisites: Trigonometry and Other Functions; students need to spend at least one hour per day on assignments outside classroom*

*Required supplies or fees: TI86 graphing calculator or TI84 Plus graphing calculator; other materials listed on the supply list or course handout*

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**

*Credit: Calculus AB = 1 credit and Calculus BC = 1 credit; must enroll for the full year*

*Prerequisites: Pre-Calculus*

*Required supplies or fees: TI86 graphing calculator or TI84 Plus graphing calculator; students also responsible for the cost of the AP exam in the spring (approximately \$85); other materials listed on the supply list or course handout*

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. The 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 the student.)

### **Probability and Statistics**

*Credit: 0.5 Offered as both a block and a skinny*

*Prerequisites: Algebra I and Geometry; other materials listed on the supply list or course handout*

*Required supplies or fees: TI calculator with statistics functions*

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.

Students are also required to complete a term project involving their own statistical study. Findings will be presented to the class using a presentation graphics program. Students are allowed to work with a partner on this project.

## Music Department

### **Concert Band**

*Credit: 1      Offered as a skinny*

*Prerequisites: Prior band experience is strongly recommended; students without experience need consent of director*

*Required supplies and fees: \$75 percussionist fee; \$10 uniform fee for every Concert Band student; instrument (owned or rented from school); various reeds, oils, method books, etc.*

This ensemble is for all freshmen and sophomores unless scheduling or other unforeseen conflicts occur. The class will meet as a skinny and is performance based (Class B / Level 3-4 music) along with some pertinent theory and history. Please check the Course Description Booklet for other skinnies offered opposite Concert Band.

Various activities are scheduled outside of the daily rehearsal and are considered an integral part of the band 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 the student's grade and/or course credits. Whenever a student cannot participate in a required performance, an alternate learning activity will be substituted for grading. (See Band Handbook.)

All 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.

### **Wind Ensemble**

*Credit: 1      Offered as a skinny*

*Prerequisites: Two years in Concert Band or consent of director*

*Required supplies and fees: \$75 percussionist fee; \$10 uniform fee for every Wind Ensemble student; instrument (owned or rented from school); various reeds, oils, method books, etc.*

This ensemble is designed for juniors and seniors with higher ability levels. The class will meet as a skinny and is performance based (Class A / Level 4-5 music) along with some pertinent theory and history. Please check the Course Description Booklet for other skinnies offered opposite Wind Ensemble.

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 band 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 the student's grade and/or course credits. Whenever a student cannot participate in a required performance, an alternate learning activity will be substituted for grading. (See Band Handbook.)

All band 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.

### **Men's Choir**

*Credit: 1      Offered as a skinny*

*Prerequisites: None*

Although this course is designed for the beginning singer, any young man who wants to sing music written just for men is welcome. We will explore and learn some of the best music written today, yesterday, and even hundreds of years ago. We will focus on developing vocal skills by singing great music everyday. Beginning musicianship, note reading, sight-reading, listening skills, music history, and appreciation will also be developed and sharpened while preparing for performances. There are no prerequisites and any young man willing to work hard and learn is welcome.

**Women's Choir**

*Credit: 1      Offered as a skinny*

*Prerequisites: None*

Women's Choir is the entry-level ensemble for freshmen and sophomore women and for all those women who want to explore the rich literature for women's chorus. Students will participate in scheduled performances, solo and ensemble events, and large-group concert festivals. Students will learn vocal technique as well as continuing to improve music reading. A series of lessons outside of the regular class period is required. All students will sit for final exams with content drawn from basic music skills, rhythm reading, and aspects of music history. Attendance at concert events is mandatory. Students in this choir are encouraged to audition for City Rhythm, Vocal Jazz Ensemble, the high school musical, and other choral events.

The class will meet as a skinny. Please check the Course Description Booklet for other skinnies offered opposite Women's Choir.

**Concert Choir**

*Credit: 1      Offered as a skinny*

*Prerequisites: Permission of the instructor*

Concert Choir is a four-part, mixed choir. Emphasis is placed on performance, but the curriculum will include music history, music reading, and some theory. Exposure to all kinds of musical experiences is found in this course. In addition to concert performances, the choir participates in the Solo-Ensemble Contest, the Large-Group Concert Festival, and Honors Choir. Students in this choir are encouraged to audition for City Rhythm, the high school musical, and other choral events. Attendance at all concerts and other public performances is required. Students will learn vocal technique as well as continuing to improve music reading. A series of lessons outside of the regular class period is required. All students will sit for final exams with content drawn from basic music skills, rhythm reading, and aspects of music history.

**Beginning Guitar**

*Credit: 0.5*

*Prerequisites: None*

*Required supplies or fees: Workbooks and some equipment purchases required. Cost not to exceed \$30.*

This course will cover the fundamentals of music and composition through the use of guitar and other instruments. 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.

**Music Appreciation**

*Credit: 0.5*

*Prerequisites: None*

Music Appreciation is a non-performance music course for any student who has an interest in exploring a wide variety of musical styles. While music is the main focus, students will learn about various arts in relation to history. This course is open to any student in Grades 9 – 12.

**Music Theory**

*Credit: 0.5*

*Prerequisites: None*

Music Theory is a course that reinforces the fundamentals of music. Students will learn how music is written. This course will incorporate modern technology in the creation and recording of students' original music. Students will have the opportunity to improve aural skills through daily activities. This is a progressive course. Students may repeat this course to continue their advancement.

## Physical Education Department

### **Grade 9 Co-Ed Physical Education**

*Credit: 0.5*

*Prerequisites: None*

*Required supplies or fees: Clipper t-shirt (\$7) and lock (\$5)*

Grade 9 physical education is offered every day for one 9-week term during the year. Units taught include flag football, volleyball, basketball, softball/ragball, soccer, and badminton. Fitness and conditioning are included as part of every class period. A Clipper t-shirt (available from the instructor), red shorts, and athletic shoes are required. Locks for baskets/lockers must be purchased from the instructor. Clipper shorts are available through the Athletic Booster Club (\$17).

### **Grade 10 Co-Ed Physical Education**

*Credit: 0.5*

*Prerequisites: None*

*Required supplies or fees: Clipper t-shirt (\$7) and lock (\$5)*

Grade 10 physical education is offered every day for one 9-week term during the year. While units of instruction include flag football, volleyball, basketball (Terms 2 and 3), ragball/softball, and soccer, there will be a greater emphasis on lifetime sports activities including badminton, tennis, racquetball, weight training, and cross-country skiing/snowshoeing/skating (Terms 2 and 3, weather permitting). Fitness and conditioning are included as part of every class period. A Clipper t-shirt (available from the instructor), red shorts, and athletic shoes are required. Locks for baskets/lockers must be purchased from the instructor. Clipper shorts are available through the Athletic Booster Club (\$17).

### **Grades 11-12 Co-Ed Physical Education**

*Credit: 0.5*

*Prerequisites: None*

*Required supplies or fees: Clipper t-shirt (\$7) and lock (\$5)*

Grades 11-12 co-ed physical education is offered for a full block, which meets every day for one term. Units during Terms 1 and 4 will include tennis, soccer, softball, weight training, volleyball, badminton, and basketball. Units during Terms 2 and 3 will include indoor soccer, basketball, ragball, racquetball, weight training, skiing/snowshoeing/skating (weather permitting), volleyball, and badminton. Fitness and conditioning are included as part of every class period. A Clipper t-shirt (available from the instructor), shorts, and athletic shoes are required. Locks for baskets/lockers must be purchased from the instructor. Clipper shorts are available through the Athletic Booster Club (\$17).

### **Better Faster Stronger**

*Credits: 0.5*

*Prerequisites: Consent of instructor*

*Required supplies or fees: Clipper t-shirt (\$7) and lock (\$5)*

The Better Faster Stronger (BFS) program is designed to put students in a position of making progress. The BFS program eliminates plateaus by alternating lifts, sets, and reps in such a way that a specific workout is repeated only every fifth week. This program has two simple rules: 1) Establish personal records and 2) Break personal records. If a student follows the system exactly, he/she will never reach a plateau. The workouts consist of core lifts done three times per week. The other two days, students will condition or work on auxiliary lifts. The BFS program is especially beneficial to those involved with athletics and who may find it difficult to maintain their lifting routine because of time constraints.

**Weight Training and Conditioning**

*Credits: 0.5      Offered as a skinny*

*Prerequisites: "B" or higher in Physical Education courses or consent of instructor*

*Required supplies or fees: Clipper t-shirt (\$7) and lock (\$5)*

This course is designed for students who want to increase their strength and/or endurance through weight training, Pilates, or yoga. The workouts will be personalized for each student. A written log of activities will be kept on a daily basis to record progress. Students will be required to workout on some level each day. Correct and full body weight training will be the main concentration, but other methods of yoga, Pilates, or station work will also be offered as an alternative on non-lifting days.

<b>Science Department</b>
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**Recommended Schedules*****For Students Seeking High School Graduation***Grade   Course

9	Earth Science
10	Biology

***For Students Seeking Four-Year University Preparation Without Science Emphasis***

*Note: Many colleges/universities now require 3 credits for admission.*

Grade   Course

9	Earth Science
10	Biology
11	Chemistry or Anatomy and Physiology <u>or</u>
12	Chemistry or Anatomy and Physiology

*The following elective courses would also be appropriate: Astronomy, Ecology, and Research Biology.*

***For Students Seeking Technical College or Four-Year University Preparation Science Emphasis***

*See below for particular emphasis. College-bound students who intend to major in a science are strongly encouraged to take as many science courses as is practical, provided they have the interest.*

Grade   Course

9	Earth Science
10	Biology

***Students Seeking Technical College or Four-Year University Preparation Environmental Emphasis***Grade   Course

11	Chemistry, Ecology
12	Physics, Research Biology

***For Students Seeking Technical College or Four-Year University Preparation Medical Emphasis***Grade   Course

11	Chemistry, Anatomy and Physiology, Biochemistry
12	Physics, Organic Chemistry, Research Biology

***For Students Seeking Technical College or Four-Year University Preparation  
Chemistry, Physics, or Engineering Emphasis***

Grade   Course

11	Chemistry, Astronomy
12	Physics, Organic Chemistry, Biochemistry, Research Biology

**Earth Science**

*Credit: 1*

*Prerequisites: None*

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**

*Credit: 1*

*Prerequisites: None*

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. A short research paper will be required of all students.

**Environmental Topics**

*Credit: 0.5*

*Prerequisites: None*

This course will provide students with a basic understanding of the principal environmental issues facing the world. Topics will include international, national, and local issues such as land use, wetlands, clean water, endangered species, and natural areas management.

**Astronomy**

*Credit: 0.5*

*Prerequisites: None*

Astronomy exploration is a survey of the objects and forces in the universe. Students will be lead 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.

**Ecology**

*Credit: 0.5*

*Prerequisites: Biology*

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, biomes, and populations.

### **Concepts of Chemistry**

*Credit: 0.5*

*Prerequisites: Earth Science, Biology, Algebra I, and consent of the instructor*

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 is not a four-year college preparatory course.*

### **Concepts of Physics**

*Credit: 0.5*

*Prerequisites: Earth Science, Biology, Algebra I, and consent of the instructor*

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 is not a four-year college preparatory course.*

### **Anatomy and Physiology**

*Credit: 1*

*Prerequisites: Biology*

This is a rigorous course intended for higher-ability students who might pursue a career related to either human or veterinary medicine. Students will read from a college-level text and will be introduced to material typically offered in a college-level anatomy and physiology course. The course will be organized around each of the organ systems in the human body. A dissection will be a required part of this course.

### **Chemistry**

*Credit: 1*

*Prerequisites: Earth Science, Biology, and concurrent enrollment or completion of Algebra II; recommended for Grades 11-12*

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**

*Credit: 1; must enroll for the full-year skinny*

*Prerequisites: Algebra II, Biology, Chemistry, and consent of instructor*

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 responsibility of the student.)

**Physics**

*Credit: 1*

*Prerequisites: Earth Science, Biology, and Algebra II; Chemistry recommended but not required; Grade 12 status required; consent of instructor necessary for students in Grade 11*

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).

**Advanced Topics in Physics**

*Credit 0.5*

*Prerequisites: Physics*

This course is offered to students who have completed Physics and intend to pursue further studies of college-prep physics. Primary areas of study include electromagnetism, electric circuits, astronomy, relativity, and atomic and nuclear physics.

**Research Biology**

*Credit: 0.5*

*Prerequisites: Biology and one additional science course*

This class will give students a better understanding of how science works by providing an opportunity to do independent research. Students will propose and carry out their own independent lab project. Three major papers are assigned to report on the lab work.

**Biochemistry**

*Credit: 0.5*

*Prerequisites: Earth Science, Biology, and Chemistry*

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**

*Credit: 0.5*

*Prerequisites: Chemistry*

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.

## Social Studies Department

### Recommended Schedule

#### Grade   Course

9	Geography, World History I, or World History II ( <i>1 credit required</i> )
10	U.S. History ( <i>1 credit required</i> )
11-12	American Studies ( <i>1 credit required</i> )

*Note: Two different 1-credit “skills” courses (U.S. History Skills and Civics Skills) are offered on a rotating basis. Each of these courses may be taken in place of the corresponding required course listed above. Enrollment in these courses is with teacher, counselor, or administrator consent only.*

- *Civics Skills will be offered in 2010-11.*
- *U.S. History Skills will be offered in 2009-10.*

### **Geography**

*Credit: 1*

*Prerequisites: None*

Geography focuses on the study of the earth’s surface and human cultural activities on the earth. This course will examine the physical conditions of the various regions of the globe and people that live there. A major portion of instruction addresses the cultural diversity of the world’s people. History and historical-geographical issues such as population trends, resources utilization, and environmental issues will be discussed. Locations of different countries and cultures of the world will be taught. Activities will include map reading, current events, in-class projects, travel films, and guest speakers.

### **World History I**

*Credit: 1*

*Prerequisites: None*

This class focuses on the development of Western Civilization from the Sumerians (3500 BC) through the Renaissance (1750 AD). Topics covered include historical contributions of ancient civilizations from the Nile River Valley, the Fertile Crescent, Greece, and Rome. The Middle Ages, European Crusades, and finally the Renaissance and Age of Exploration are also included in course study. The course attempts to tie people and events of the past into an understandable sequence in the development of Western Civilization. Class discussion, role-playing, map work, and multimedia projects are methods used in gaining mastery of the course.

### **World History II**

*Credit: 1*

*Prerequisites: None*

This course will examine the inter-relationship of events from 1789 (the French Revolution) to the present. It will consist of lecture and presentations of daily current events, class discussion, map work, individual and group projects, film study, and both objective and essay tests. Major units of study include The British Empire, The Industrial Revolution, The French Revolution, German Nationalism and World War I, Russia (from Czarism to Communism), Rise of Dictators after World War II (Mussolini and Hitler), Events of World War II, History of Japan, The Cold War, The Middle East, and Mexico and Central America.

## **U. S. History Skills**

*Offered in 2009-10*

*Credit: 1*

*Prerequisites: Teacher, counselor, or administrator recommendation required*

A skill-based curriculum. Daily lessons will consist of functional reading, writing, and vocabulary lessons. Activities include class discussions, role playing, individual and small group projects/presentations, guest speakers, social studies video topics, and possible short field trips. Content follows state U. S. history standards. Emphasis on skillbuilding needs is the basis of all activities. Continued development of basic skills, enhancement of life-long learning in social studies, and the importance of responsible community living are the primary goals of the course.

- *Successful course completion fulfills one Social Studies credit toward SBHS diploma requirements (replaces U. S. History).*
- *This course may satisfy technical college admissions. Check with the School Counseling Department.*
- *This is not a four-year college preparatory course.*

## **U. S. History**

*Credit: 1      Offered as a block and a skinny*

*Prerequisites: None*

This course will provide an introductory study of the development of our nation from 1900 to the present. Few time periods have encompassed such swift and often catastrophic transformation as have the years from 1900. America's fate has been intertwined with virtually every important development in the world. By using a number of hands-on methods such as interviews, cooperative groups, research projects, and debates, a variety of themes prevalent in our history will be explored. An understanding of life in the present and awareness of what the future may be like is to be gained by investigating history.

## **AP U. S. History**

*Credit: 1      Offered as a skinny*

*Prerequisites: Grade 11 or 12 status; Social Studies and English Department recommendations required; consent of instructor*

This course covers exploration to modern day U. S. This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems 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. Students should learn to assess historical materials, their relevance to a given problem, their reliability, and to weigh the evidence and interpretations presented in historical scholarship. Students will be required to pass a college-level essay/multiple choice exam to receive college credit. (The cost of the exam is responsibility of the student.)

## **American Studies**

*Credit: 1      Offered as a block and a skinny*

*Prerequisites: Grade 11 or 12 status*

*Required supplies or fees: Workbook and news magazine subscription fees*

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 the student 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, world trade, and financial planning will be examined.

## **Civics Skills**

*Offered in 2010-11*

*Credit: 1*

*Prerequisites: Teacher, counselor, or administrator recommendation required*

A skill-based curriculum. Daily lessons will consist of functional reading, writing, and vocabulary lessons. Activities include class discussions, role playing, individual and small group projects/presentations, guest speakers, social studies video topics, and possible short field trips. Content follows state civics standards.

Emphasis on skillbuilding needs is the basis of all activities. Continued development of basic skills, enhancement of life-long learning in social studies, and the importance of responsible community living are the primary goals of the course.

- *Successful course completion fulfills one Social Studies credit toward SBHS diploma requirements (replaces American Studies).*
- *This course may satisfy technical college admissions. Check with the School Counseling Department.*
- *This is not a four-year college preparatory course.*

## **Psychology**

*Credit: 0.5*

*Prerequisites: None*

This course will serve as an introduction to psychology, which is the study of the human brain and its effects on our behavior. Units and the topics covered therein will include the following:

- Brain, Memory, and Thought
  - Regions of the brain and their functions
  - How memories are developed and recalled
  - Ways memories can be manipulated
  - How the brain processes thought and creativity
- Sensation, Perception, and Altered Consciousness
  - How we receive information and how it can be manipulated
  - Origins of illusions and hallucinations
  - How hypnosis works
  - How legal/illegal drugs can affect the processes of the brain
- Personality and Social Influence
  - Psychology as an explanation for personality traits
  - Development of an individual's psychological make up
  - Development and influence of attitude
  - Attitude manipulation such as media influence and brainwashing
- Stress and Mental Health/Mental Illness
  - The body's reaction to stress and its effects
  - An overview of mental illness such as schizophrenia, dyslexia, and depression

## **Sociology**

*Credit: 0.5*

*Prerequisites: None*

This course will be an introduction to sociology which is the study of human interactions on an individual and group level. The units and topics covered therein will include the following:

- Culture and Change
  - What makes a culture and how are cultures different
  - Why do we act the way we do
  - How and why cultures change over time
  - Societal roles of the family and how they are changing
- Social Stratification

- Social class in the U. S. and its relevance in our lives
- The possibility of the “American Dream”
- Causes and effects of poverty
- Race and Ethnicity
  - Defining race and ethnicity and its relevance in our lives
  - Causes and effects of discrimination and prejudice
  - History of racial and ethnic relations in the U. S.
  - Why people hate and the justifications for cruelty toward others
- Population
  - Population growth versus resource use
  - Government efforts to control population growth
  - Immigration issues in the U. S.

### **Social Issues and Current Events**

*Credit: 0.5*

*Prerequisites: None*

This course will focus on current events and social issues as they arise in the news. Students will develop skills in research, group discussions, critical thinking, values clarification, and cooperative learning. This class is meant to be a forum in which students have a great deal of freedom to discuss issues of interest to them. Media resources will include the Internet, *Time* and *Newsweek* magazines, *USA Today*, CNN NEWSROOM, and excerpts from major news networks broadcasts. Students are expected to be actively involved in class discussions and willing to express personal views.

## Technology Education Department

### **Around the House**

*Credit: 0.5*

*Prerequisites: None*

*Required supplies or fees: Safety glasses; \$20 material fee*

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.

### **Introduction to Technology Education**

*Credit: 1*

*Prerequisites: None*

*Required supplies or fees: Safety glasses; material fees*

This course will introduce students to a number of topics and skills pertinent to the world of industry and technical college preparation. Some of the areas of focus include drafting, woods, sheet metal, machining, and small engines. Tours of area industries will also be incorporated into the course, which will offer students a broad vocational experience. Introduction to Technology Education is a requirement for all other Technology Education courses except Around the House.

### **Metals I**

*Credit: 0.5*

*Prerequisites: Introduction to Technology Education*

*Required supplies or fees: Safety glasses; \$10 gas fee; material fees*

This is an introductory metalworking course. 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 wire feed welding, oxyacetylene welding/brazing, TIG welding, MIG welding, and arc welding.

### **Metals II**

*Credit: 1*

*Prerequisites: Introduction to Technology Education, Metals I*

*Required supplies or fees: Safety glasses; \$10 gas fee; material fees*

Students will continue instruction in all forms of welding, milling machine, and lathe operation through advanced problems and projects. Students will also learn machine and tool maintenance. This class is project oriented.

### **Drafting I**

*Credit: .5*

*Prerequisites: Introduction to Technology Education*

*Required supplies or fees: Material fees*

In this introductory course, students will receive instruction in mechanical and solid modeling drafting. The focus will be hands-on problem solving, model making, and prototyping. Software used in this course includes AutoCAD and SolidWorks.

### **Drafting IIA**

*Credit: .5*

*Prerequisites: Introduction to Technology Education, Drafting I*

*Required supplies or fees: Material fees*

In this course, students will concentrate on architectural drafting including floor plans, section views, perspectives, elevations, and plot plans along with the production of a scaled model. Students will use AutoCAD and SolidWorks.

**Drafting IIB**

*Credit: .5*

*Prerequisites: Introduction to Technology Education, Drafting I*

*Required supplies or fees: Material fees*

In this course, students will concentrate on mechanical drafting including working drawings, solid modeling, and advanced mechanical drafting problems. Students will use AutoCAD and SolidWorks.

**Woods I**

*Credit: 1*

*Prerequisites: Introduction to Technology Education*

*Required supplies or fees: Safety glasses; Material fees*

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.

**Woods II**

*Credit: 1*

*Prerequisites: Introduction to Technology Education, Woodworking I*

*Required supplies or fees: Safety glasses; material fees*

This course covers all the steps needed to build a house from excavation to completion – identification of framing members and placement receiving the primary emphasis.

Student shop work will consist of a well-designed “cabinet-type” project of the student’s own choosing.

**Home Construction Project**

*Credit: 4*

*Prerequisites: Introduction to Technology Education, Woodworking I, Drafting I*

Home Construction Project is a hands-on course in which a small group of students construct a home that is sold on the market. Students will develop skills and knowledge in new house construction. Skills include foundation and masonry, rough carpentry, cabinetry, roofing, and exterior finishes, landscaping, blueprint reading, site safety, and local and state building codes. Students will learn the responsibilities of timelines as the house is completed by the end of the school year. Students must be willing to work outside in various weather conditions. This course meets off campus on the job site for a three-hour block of time. Students are responsible for their own transportation to and from the job site. Successful students who complete the program will receive four elective credits as well as articulated credit from NWTC. Any student who registers for this class must also complete an application for the program. Students will be selected from those who apply.

## **Non-Departmental Offerings**

### **Life Skills**

*Prerequisite: Required course; Grade 9-10 status*

The purpose of this required course is to cover important academic, career, and personal/social issues all students encounter at some point in life. Topics such as goal setting, career exploration, post-secondary planning, resumes, stress management, coping skills, relationships, diversity, and addictions will be addressed. This is a pass/fail course that can be taken at either the freshman or sophomore levels.

### **Service Learning**

*Credit: 0.5 Offered as a block and a skinny*

*Prerequisites: None (see attendance and conduct criteria below)*

*Note: 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.*

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 term 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 terms 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.

### **Gifted and Talented Independent Study**

*Credit: 0.5 or 1; not included in grade point average (GPA) calculation*

*Prerequisites: Consent of teacher, counselor, or administrator*

Sturgeon Bay High School has inaugurated a program for gifted and talented students which will enable those students to do in-depth research on a subject of their choosing working under the auspices of a faculty or community mentor. The program is designed to recognize students who have demonstrated exceptional ability in one or more of the following categories: intelligence, creativity, artistry, leadership, or a specific academic area.

The objectives of this program are to:

- Enhance the student's knowledge of the topic(s) selected.
- Teach the student correct methods of research design.
- Improve writing skills.

Students are encouraged to talk to the gifted and talented advisor to be considered for a Gifted and Talented Independent Study program. During Semester 2, high school faculty members may nominate students in Grades 9-11 to be considered for the Gifted and Talented program the following year. Students in Grade 8 are eligible for entry into the program at the start of their second semester of high school. Student participation is optional. Up to 1 elective credit per year may be earned by participants in the Gifted and Talented program.

The Gifted and Talented program operates primarily as independent research projects conducted by the students. Participants select topic(s) for study, which must be approved by the advisor or a faculty or community mentor with

expertise in that particular discipline. The participants are required to meet with the advisor and/or mentor a minimum of once per week to review progress and get assistance if needed. Students may use a scheduled gifted and talented block for these meetings and research or may choose to use time outside of school. The culminating activity for each topic of research is a major project, which must include some form of writing assignment. The projects are evaluated with emphasis placed on the highest standards of quality for research design, content, and written expression. Final projects are evaluated by the advisor and faculty or community mentor with expertise in the subject researched.

### **Online Remedial Courses**

*Credit: 0.5*

*Prerequisites: Consent of counselor or administrator*

Sturgeon Bay High School offers a number of online remedial courses in the core academic areas. These courses allow a student to demonstrate basic competence in order to earn credit in a particular area.

The availability of online remedial courses does not negate a student's responsibility to make every effort to pass courses in the regular curriculum. Therefore, students will generally not be allowed to enroll in an online course until they have twice attempted a course in the regular curriculum.

*These online remedial courses do not meet four-year college requirements.*

### **Supervised Work Experience**

*Credit: Maximum of 2 per school year*

*Prerequisites: Grade 12 status and consent of counselor or administrator*

The purpose of the Supervised Work Experience program is to provide seniors with a set of planned educational experiences designed to enable learners to acquire attitudes, skills, and knowledge for work and other life roles by participating in actual or simulated work settings related to actual or in-school instructional programs.

Students who, by state statute, are or have been identified as habitually truant within the previous two terms of enrollment will not be eligible.

School-supervised work experience is provided through the Supervised Work Experience program and the School Counseling Department of Sturgeon Bay High School.

Students are eligible for participation through counselor or administrative recommendation only. Students selected to participate in the Supervised Work Experience program must agree to the guidelines established for participation:

- a contract among parent, student, employer, and school supervisor
- completion of a weekly report form

*Note 1: The on-site work supervisor also submits a detailed quarterly job performance report to the school coordinator.*

*Note 2: No student is guaranteed enrollment in this program. In addition to a positive school recommendation, the enrollee must meet employment criteria established by the cooperating businesses. Availability of jobs is dependent upon business participation and needs.*

Elective credit shall be awarded at 0.5-credit per 90 hours of approved work experience. A maximum of 2 credits may be used to meet graduation requirements. However, 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.

## **Online AP (Advanced Placement) Courses**

*Credit: 0.5 or 1*

*Prerequisites: Recommended Grade 11 or 12 status; consent of counselor or administrator; other prerequisites may apply depending upon the course desired*

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 are responsible for paying full course fees before registering and will receive reimbursement of \$200 per semester for successful completion of a course. Students should speak with a school counselor for registration information.

## **Volunteering**

*Credit: 0.5*

*Prerequisites: Completion of Community Volunteerism requirement*

*Students may enroll in Volunteering 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 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.

## **Community Volunteerism**

*Credit: 0; 40 hours required for graduation*

*Prerequisites: None*

### ***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. Volunteer hours will be noted on the transcript.

### ***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 these questions 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                       | Feed My People                     |
| Altrusa                                | Headstart                          |
| American Cancer Society Relay for Life | Rotary International               |
| American Red Cross                     | Senior Center                      |
| Boy and Girl Scouts                    | Dorchester Health and Rehab Center |
| Clothe My People                       | United Way                         |
| Department of Social Services          | YMCA                               |
| Door County Memorial Hospital          |                                    |

***Are there any limitations on volunteer activities or supervisors?***

Church or religious organization volunteer activities must be more than ushering duties. Valid activities include working for meals or festivals, teaching religious education, etc. A parent/guardian, relative, or family member may not be your volunteerism supervisor.

***Who keeps track of my volunteer hours and paperwork?***

A record of your volunteer hours will be kept in the High School Office. After completing 40 hours, a notification will be placed on your high school transcript. You should also keep track of your volunteer hours, and keep copies of all completed forms.

***Where can I get more information on the Community Volunteerism program?***

For more information, please contact any of the following:

- Robert Nickel, Principal
- Gary Grahl, Counselor
- Jennifer O’Handley, Counselor

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

*Note: Successful completion of the course Service Learning (0.5-credit) will satisfy the 40-hour Community Volunteerism requirement.*