

TABLE OF CONTENTS

Graduation Requirements	2
Course Offerings	2
Course Planning Guidelines.....	4
Agriculture Education.....	8
Art.....	10
Business and Information Technology.....	12
Family and Consumer Science	15
Health	17
Language Arts	17
Mathematics.....	20
Music.....	22
Physical Education.....	23
Science.....	25
Social Studies	27
Technology Education.....	29
World Languages.....	32
Teacher Aide.....	32
Academic Skills	32
Potential Distance Learning Offerings.....	33
Online Courses	34

NONDISCRIMINATION POLICY

It is the policy of the School District of Sevastopol that no person may be denied admission to any public school in this district or be denied participation in, be denied the benefits of or be discriminated against in any curricular, extracurricular, pupil service, recreational, or any other program or activity because of the person's sex, age, race, national origin, ancestry, creed, pregnancy, religion, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability or handicap as required by s. 118.13 Wis. Statutes. This policy also prohibits discrimination as defined by Title VI of the Civil Rights Act of 1964 (race, color and national origin), Section 504 of the Rehabilitation Act of 1973 (handicap), and the Americans with Disabilities Act of 1990 (disability).

The School District shall provide appropriate educational services or programs for students who have been identified as having a handicap or disability, regardless of the nature or severity of the handicap or disability. The School District shall also provide for a reasonable accommodation of a student's sincerely held religious beliefs with regard to examinations and other academic requirements.

The School District encourages informal resolution of complaints under this policy. A formal complaint procedure is available, however, to address allegations of policy violations in the School District.

Any questions concerning this policy should be directed to:

Mr. Kyle Luedtke, District Administrator
School District of Sevastopol
4550 Highway 57
Sturgeon Bay, WI 54235
(920) 743-6282 ext. 1103

SEVASTOPOL HIGH SCHOOL

Graduation Requirements

Total Credits Required for Graduation

25 credits, which must include the following:

3 Credits of Science	1.5 Credits of Phy. Ed. **
3 Credits of Social Studies	.5 Credit of Health
4 Credits of English	.5 Credit of Business Life Skills
3 Credits of Math	

**Students who have participated in interscholastic athletics for at least a full season as defined in the handbook, while enrolled in grades 9, 10, 11 and 12 and as documented by the Athletic Director, assistant principal, guidance counselor, etc., and approved by the principal, may be excused from one-half (.5) credit of the high school physical education requirement, provided they take an additional one-half (.5) credit in English, social studies, mathematics, science, or health education, at their choosing.

Course Offerings

Agriculture Education

General Horticulture
Nursery and Landscape
Floriculture
Animal Science
Ag Engine Repair
Veterinary Science
Forestry
Agriculture Welding
Wildlife Management
Wildlife II
Turf Design and Management

Art

Drawing
Drawing 2
Painting
3D Sculpture
Ceramics
Ceramics 2
Arts and Crafts
AP Studio Art
AP Drawing

Business Education

Introduction to Accounting
Intermediate Accounting
Advanced Accounting
Introduction to Business
Marketing Applications
Marketing Principles
Business Life Skills
Introduction to the Personal Computer
Web Technologies
Introduction to Video-Game Design

Family and Consumer Science

Fundamental Foods I and II
Child Growth and Development
Housing and Interior Design
Fiber and Fabrics
Living on Your Own
Global Eating
Exploring Health Careers
Healthy Living

Health

Health 9

Language Arts

English 9 and 10
American Literature
World Literature
AP English Literature I
AP English Literature II
English Intervention
Journalism - Newspaper
Journalism - Yearbook

Mathematics

Algebra I and II
Geometry
Transition to College Mathematics
Pre-Calculus
AP Calculus
Probability and Statistics
NWTC College Math

Music

Band

Chorus
Music Theory I
Music Theory II

Physical Education

Phy. Ed. 9
Competitive Team Sports
Fit For Life with Weight Training
Lifetime Activities
Weight Training I
Weight Training II

Science

Physical Science
Biology
AP Biology
Chemistry
Physics
Human Anatomy & Physiology
Astronomy

Social Studies

Psychology
Government
Geography
World Studies
American History
Economics
America and Conflict

Technology Education

Energy Concepts & Practical Applications
Basic Machine Shop
Graphic Arts and Photography
Computer Graphics I
Production Printing
Introduction to Drafting
Advanced Drafting
Introduction to Woods
Advanced Woodworking
Building Construction
High School Home Construction Project

World Languages

Spanish I, II, III, and IV

Teacher Aide

Teacher Aide

Academic Skills

Academic Skills

Students also have an opportunity to take courses over the distance learning network (PenNet) and from the Wisconsin Virtual School. These course offerings change annually.

DUAL CREDIT OPTIONS

Sevastopol High School offers *Transcribed Credit* courses which are taught by Sevastopol teachers with NWTC certification. NWTC curriculum and exams are used and grades are posted to an official NWTC transcript. The grade a student receives in a transcribed course becomes part of the student's official college record. Transcribed credit agreements are transferable to other Wisconsin technical colleges and may transfer to four-year universities.

<u>Sevastopol Course</u>	<u>NWTC course</u>	<u>NWTC Credits</u>
NWTC College Math	College Mathematics 10-804-107	3
Basic Machine Shop	Machine Shop 1 31-420-345	4

College Credit Options

Students in grades 11 or 12 may take courses at a University of Wisconsin campus, a Wisconsin technical college, or one of the state's participating nonprofit institutions of higher education for the purpose of pursuing an advanced degree, or expanding a course of study. Students will be eligible to receive college and high school credit for completing courses at institutions of higher education provided they complete the courses and receive a passing grade. Course requests must be received in the office as part of your course registration form. Requests must be made by February 1 for the following school year. Please see Mrs. Malcore for further information.

Youth Apprenticeship

Youth Apprenticeships are unique opportunities for juniors and seniors to start preparing for a career while still in high school. One or Two-year programs combine occupational instruction (at NWTC or at in school using articulated courses) and work-based learning from an employer. Youth Apprenticeship achieves 2 goals: Helps students acquire the skills needed for the jobs of tomorrow and helps industry develop a high skilled workforce to remain competitive. Students with satisfactory attendance and satisfactory graduation status are eligible. The student will be away from his/her high school for a substantial part of their Junior and Senior years preparing for their future career. *Students who successfully complete a Youth Apprenticeship program will earn up to 12 credits at Northeast Wisconsin Technical College as well as earn the State of Wisconsin's Certificate of Occupational Proficiency.*

Advanced Placement (AP) Courses

AP courses are college-level courses, taught with college textbooks and exams. Students can earn college credit as they enter their freshman year of college. In May, students take the AP exam. Scores of 3, 4, or 5 (depending on the college) can receive college credit.

AP courses give students a preview of college-level work. They're a lot of work and require much reading, writing, and problem sets. They'll give you a real feeling of accomplishment when you're finished. Sevastopol currently offers AP English Literature, AP Biology, AP Studio Art (2D & Drawing), and AP Calculus to our students. Also, through the ITV network and online providers, we offer additional AP courses. Please see Mrs. Malcore for more information.

COLLEGE REQUIREMENTS

University of Wisconsin System Requirements

Admission requirements for the UW System vary from school to school. The following list should only be used as a general guideline. It is important check what each individual college will require for admission. Specific requirements are available by request from Mrs. Malcore.

Minimum course requirements for admission:

English:	4 credits
Mathematics:	3-4 credits. Must include Algebra, Geometry, and Algebra II. Pre-Calculus/AP Calculus preferred.
Science:	3-4 credits. Must include Physical Science, Biology, and an advanced science such as Chemistry, Physics or Anatomy & Physiology.
Social Studies:	3 credits. Additional Social Science classes (Psychology) can be counted.
Foreign Language:	2 credits. This requirement varies from school to school. Some campuses require it for admission; others require it for graduation from the college.
Electives:	4 credits. Additional courses in English, Math, Science, or Social Studies, Foreign Language, Fine Arts, Business, or other academic areas may be required. This varies by college.

It is very important to remember that the requirements listed above are the MINIMUM allowed. The UW System schools are looking for students with the most rigorous high school schedules - especially during senior year.

Wisconsin Private College Requirements

As with the UW System schools, there is some variance of admission requirements between campuses. Specific admission requirements are available by request from Mrs. Malcore.

Minimum course requirements for admission:

English	4 credits
Mathematics	3-4 credits
Science	3-4 credits
Social Studies	3-4 credits
Foreign Language	2-4 credits

As with the UW System schools, the Private Colleges make their admission decisions based primarily on the high school record, with emphasis placed on grades earned within the context of courses taken. Rigor, especially during 11 and 12 grade, is important.

Wisconsin Technical College Requirements

Each program has specific requirements for admission. Please see Mrs. Malcore for specific program details. The following courses are listed as a general guideline for admission.

English	4 credits
Mathematics	3-4 credits. A minimum of Algebra II is preferred.
Science	3-4 credits
Social Studies	3-4 credits
Technical Courses	3-4 credits

If you are applying to NWTC in a Health-related program (Radiography, Dental Hygienist, DMS, etc.) you need to apply during the first week of school, your senior year. Please visit Mrs. Malcore for more information. ***Many NWTC programs have pre-application requirements. Your best bet is to look at the latest NWTC catalog for more information.

All students applying to NWTC must take the Accuplacer placement test. This test measures ability in Sentence Skills, Reading Comprehension, Basic Math, and Algebra. Mrs. Malcore can administer this test to you. Please see her for more information.

REQUIRED COURSES
FRESHMAN REQUIRED COURSES

Required Courses:

English 9	1.0 credits
Government	0.5 credits
Algebra, Geometry	1.0 credits
Physical Science	1.0 credits
Health	0.5 credits
PE 9	0.5 credits

SOPHOMORE REQUIRED COURSES

Required Courses:

English 10	1.0 credits
Geometry, Alg. II	1.0 credits
Geography	1.0 credits
Biology	1.0 credits
PE Elective (suggested)	0.5 credits

JUNIOR REQUIRED COURSES

Required Courses:

AP or American Lit	1.0 credits
American History	1.0 credits
PE (Jr or Sr Year)	0.5 credits
Algebra II, NWTC College Math	1.0 credits
Science Elective	1.0 credits

SENIOR REQUIRED COURSES

Required Courses:

AP or World Lit	1.0 credits
Business Life Skills	0.5 credits

****A total of 25 credits are required to graduate - make sure you are on track!****

It is each student's responsibility to make sure all credit requirements are completed for graduation.

IMPORTANT SCHEDULING POINTS TO REMEMBER

- ✓ Are you meeting the graduation requirements of Sevastopol High School?
- ✓ Are your course selections appropriate for your post-secondary plans (college, armed services, work)?

- ✓ Will your course selections make you competitive when you apply to college? Remember, technical and four-year colleges want students who have taken the most rigorous schedule possible. The minimum will no longer cut it!
- ✓ If there is a certain class you want to take in 11 or 12 grade, are you taking the pre-requisite class now?

Unacceptable reasons to change your schedule:

- "I want to take classes with my friends"
- "I want to have my study hall with my friends"
- "I don't want to be in the same class as _____"
- "I thought the class would be easy"
- "I don't like the teacher"

AGRICULTURE EDUCATION

General Horticulture (18052)

Grades 9 - 12

First Semester Course

.5 Credit

Prerequisite: None

This course is intended to teach students about the basic principles of growing plants. Topics will include greenhouse structures, operations, interior plant design, pest controls, plant propagation, plant anatomy, bonsai tree pruning, vegetable and small fruit production. The class will grow poinsettias and start plants from a wide variety of propagation methods. The use of growing media, lighting, fertilizers, and insect controls will be covered as it pertains to the Sevastopol greenhouse and its growing crops. Following the completion of Horticulture with a C semester grade will earn a ½ credit that will count toward a Science graduation requirement. This class only counts as the third Science credit.

Nursery & Landscaping (18054)

Grades 10 - 12

Semester Course

.5 Credit

Suggested Course: Intro to Drafting - (Auto CAD)

This course will utilize the school Greenhouse facilities by teaching the operations and methods of growing bedding plants in variety of growing materials. Students will grow plants to be planted around the school as well as around residential homes. Students will learn the processes and methods required to design, plan, and plant a landscape area using a variety of computer programs and manual methods to illustrate a complete landscape plan. This class will also take charge of planting the flowers in the courtyard and maintaining some of the plants around the school. A computerized landscaping program will be included with the design work.

Floriculture (18053)

Grades 10 - 12

Semester Course

.5 Credit

Prerequisite: None

This course will provide information regarding the history and development of the flower industry as it is used today. Proper care, processing and marketing of ornamental flowers and decorative plants will lead into the constructing and planning of arrangements, corsages, holiday arrangements, and dried plant material uses. Projects will be constructed for community facilities, school activities and functions, along with personal functions. Design principle and style will be used in design principles.

Animal Science (18101)

Grades 9 - 12

First Semester Course

.5 Credit

Prerequisite: None

Animal Science will provide information about care and management of domestic and farm animals. This course will cover animal nutrition, health, behavior, selection, breeds, facilities, product processing, and marketing. Species of swine, cattle, horses, sheep, and poultry will include health and care of raising these animals as they relate to human needs and consumption. Specialty livestock will include llamas, alpacas, bison, elk, ostriches, and emus as they relate to the livestock industry.

Ag Engine Repair (18402)

Grades 11 - 12

First Semester Course

.5 Credit

Prerequisite: None

This course will explain basic concepts and principles of mechanical and fluid power. Small gas engines provide students with basic information of small engine construction, how the systems operate, preventive maintenance, servicing techniques, and rebuilding procedures. Each student will disassemble and reassemble a small engine supplied for the class. Once finished with the school's engine, students are encouraged to secure an older one-cylinder, gasoline engine (lawnmower type) to work on during the rest of the semester.

Veterinary Science (18102)

Grades 9 - 12

Semester Course

.5 Credit

Prerequisite: None

Veterinary Science will focus on basic principles of cell biology, taxonomy, anatomy and physiology of domestic animals and pets. Safety, nutrition, health, behavior, breeding, handling, training, grooming and types of facilities needed to raise domestic animals will be explored. During the anatomy unit a fetal pig will be dissected to help understand the parts and locations of how the systems work. Following the completion of Veterinary Science with a C semester grade will earn a ½ credit that will count toward a Science graduation requirement. This class only counts as the third Science credit.

Forestry (18502)

Grades 9 - 12

First Semester Course

.5 Credit

Prerequisite: None

This course is intended to teach students about methods and management principles used to grow cultivate, harvest and marketing of forest crops used in WI. Topics will include tree selection and regeneration, reforestation, plant anatomy, erosion controls, trail maintenance, mapping, surveying, processing methods along with equipment and tools used to produce and market a forest crop. Tree identification and tree anatomy will help students with managing a small woodlot area. Students will be outside throughout the semester so proper outside clothing should be expected.

Agriculture Welding (18404)

Grade 11 - 12

Second Semester Course

.5 Credit

Prerequisite: None

During this one semester course, topics in the area of metalworking, basic machines including the metal lathe, drill press and power saws, metal fabrication such as oxy-acetylene welding, arc welding, mig welding, sheet metal fabrication, and basic metallurgy will be explored. Career possibilities will be covered as well as safety in each of the areas. Projects will be selected to allow students to utilize their creative talents. Each student will be required to complete 4 projects, the 5th project will be one of choice or assigned.

Wildlife Management (18501)

Grades 9-12

First Semester Course

.5 Credit

Prerequisite: None

This course is intended to teach students about our wildlife species and provide management practices to better control populations and habitat needs for game birds, waterfowl, large game species and predator species found in the Midwest and Wisconsin. Areas will include ethics, urban controls, land management, outdoor survival and safety. Wildlife management will provide students with the opportunity to understand and appreciate the importance of maintaining the land and ecological systems that enable non-domesticated animals to thrive.

Wildlife II (18504)

Grades 11-12

Second Semester Course

.5 Credit

Prerequisite: To bring in birds to be used for taxidermy

This course is designed to cover the management practices and policies used by Wisconsin DNR and private entities to maintain and grow wildlife species in Wisconsin. The course will educate students on the balance and controls that are put in place for the benefit of wildlife species from fur-bearing animals to commercial fishing. Habitat, identification, population control and enhancement will be discussed along with other solutions for effective outcomes. In addition, each student will be asked to bring two to five starling birds into class to be used in a five to seven-week taxidermy unit. Mr. Mike Orthober will be the guest presenter/teacher and will show students proper techniques. Students do not need Wildlife I to take this class.

Turf Design and Management (18054)

Grades 11-12

Semester Course

.5 Credit

Prerequisite: None

This course will be open to students in grades 11 and 12 who wish to further develop interest in golf course design and turf management. Career opportunities will be identified and school opportunities will be discussed. Students will work as a team in developing a golf course design. Units to be covered will be types of courses, design principles, layout procedures, site selection, soil and drainage, model and scale building, types of equipment and tools, types of grasses and methods of cutting. The use of computer programs will help design the course and then will be transferred into a physical model for two of their holes designed. The model will be built to scale.

ART

Drawing I

Grades 9-12

Semester I Course

.5 Credit

Prerequisite: None

Did you ever want to learn how to draw? Sign up to learn the fundamentals of drawing from life and observation, with opportunities for abstraction and imagination as well! Quarter one will introduce the five fundamental perceptions of drawing: Edges, Spaces, Relationships, Light Logic and Gestalt. Quarter two offers further exploration and application of these concepts, with additional media options. All

projects offer the freedom to pursue personal choices in subject matter and style, while also applying classic concepts from art history.

Drawing II

Grades 9-12

Semester II Course

.5 Credit

Prerequisite: Drawing I

Drawing II students will apply what they have learned from Drawing I in new and exciting ways! A strong focus on media and materials will include using graphite, charcoal, india ink, crayon, conte crayon, colored pencil, soft pastel, oil pastel, and block printing. Additional instruction will cover topics such as inspiration, aesthetics, art styles and critique. Sketchbooks will provide a way for students to practice advanced planning methods that will be essential habits for AP Art Studio Classes.

Painting

Grades 9-12

Semester II Course

.5 Credit

Prerequisite: Drawing I recommended

Students will experience the rewards of working with paints! The different qualities of acrylic, oil, and watercolor paints will be explained and applied on a range of subject matters chosen by the students themselves. Color theory will be a driving force towards the successful mixing of accurate and cohesive colors scheme. Patience and precision will be developed and lead to an impressive collection of meaningful art.

3D Sculpture

Grades 9-12

Second Semester Course

.5 Credit

Prerequisite: None

This 3D sculpture course teaches students how to use 3D design. Students learn basic sculpture methods of additive, subtractive, relief, found-object assemblage, and mobile sculpture. Various types of materials will be used to construct and develop 3D art work.

Ceramics I

Grades 9-12

Semester I Course

.5 Credit

Prerequisite: None

Did you ever want to make art with clay? In Ceramics, you will get the chance, every day! Ceramics provides students a full exploration of the basics of working with clay. An introduction to the six methods of creation includes: Sculpture, Pinch, Slab, Coil, Drape, and Wheel. The Pottery Wheel is introduced and students will make a minimum of six pieces of work, with opportunities for much more. Finally, glazing techniques provide plenty of options for colors and finishing.

Ceramics II

Grades 9-12

Semester II Course

.5 Credit

Prerequisite: Ceramics I

Students will expand on the basics learned in Ceramics I and combine methods to create advanced ceramic artworks. Further experiences on the pottery wheel will produce over 30 pieces of work, with opportunities for much more. Advanced glazing techniques provide additional options for colors and finishing. Additionally, students will get experience loading and unloading the kiln and also helping with displays.

Arts and Crafts

Grades 10-12

First Semester Course

.5 Credit

Prerequisite: None

This arts and crafts class will introduce students to a variety of life-long arts hobbies. Activities in this class are based upon student interest. Curriculum is developed to include access to materials, art-related careers, and how to find visual examples and tutorials of things students are interested in. The goal is to end the semester with a broader knowledge of art opportunities.

AP Studio Art (2D Design)

Grades 11-12

Full Year Course

1 Credit

Prerequisite: Instructor Approval. Drawing I and II, and one additional art course.

AP Studio Art is for the dedicated art student who is ready for the rigors of exploring and creating art at a new level. All three sections of the AP 2-D Design portfolio; breadth, concentration and quality, will be addressed with teacher led instruction and emphasis on producing quality work in the numbers required for the completed portfolio. To accomplish this, students will be expected to develop their personal ideas, master concepts, composition and execution of their ideas while solving any problems they may encounter. If a student scores a three or above on their portfolio, they may be eligible for college credit.

AP Studio Art (Drawing)

Grades 11-12

Full Year Course

1 Credit

Prerequisite: Instructor Approval. Drawing I and II, and Painting.

AP Drawing is for the dedicated art student who is ready for the rigors of exploring and creating art at the college level. All three sections of the AP Drawing portfolio; breadth, concentration and quality, will be addressed with teacher led instruction and emphasis on producing quality work in the numbers required for the completed portfolio. To accomplish this, students will be expected to complete 6 summer assignments, develop their personal ideas, master concepts, composition and execution of their ideas while solving any problems they may encounter. Students also need instructor approval for admission.

BUSINESS AND INFORMATION TECHNOLOGY

Introduction to Accounting

Grades 10 - 12

Semester Course

.5 Credit

Prerequisite: None

This course is intended to be exploratory in nature where the basics of Accounting/Bookkeeping will be introduced. Students will learn business vocabulary and concepts while analyzing, journalizing, and posting typical business transactions. Students will use both manual and computerized methods to process accounting records for a simple service business organized as a sole proprietorship. The goal is for students to decide if this aspect of business is something that they might consider further, without an extensive time commitment.

Intermediate Accounting

Grades 10 - 12

.5 Credit

Prerequisite: Introduction to Accounting

Designed to be the next step in the Accounting sequence, Intermediate Accounting picks up where Introduction to Accounting leaves off. Students will learn additional concepts like special journals, payroll, and taxes. During this course students will process the accounting records for a merchandising business organized as a corporation.

Advanced Accounting

Grades 11 - 12

.5 Credit

Prerequisite: Intermediate Accounting & Instructor Approval

Rather than looking at Accounting from a "preparer" point of view, students will begin learning how to use the Accounting information to make better and more profitable business decisions. Additional concepts will include depreciation, cash flows, and manufacturing business accounting practices.

Introduction to Business

Grades 9 - 12

Semester Course

.5 Credit

Prerequisite: None

In this exploratory course, students will discover various fields that could make up a professional career in business. Many major disciplines in business will be explored in order for students to learn about potential career paths within business and to see if any are interesting to them. Topic areas will include economics, entrepreneurship, management, human resources, finance, marketing, e-commerce, international business, and production operations management. Emphasis for the course will be on the creation of a new business through the development of an extensive business plan that will incorporate most of the topics covered.

Marketing Applications

Grades 10 - 12

Semester Course

.5 Credit (Offered every other year)

Prerequisite: **None**

****Not Offered in 2018/19*** (Offered 2019/20)****

Students in this course will move beyond the basic foundations of marketing and explore more complex concepts such as brand loyalty, consumer behavior, public relations, advertising, and international campaigns. The often hidden world of business-to-business marketing will be introduced in addition to the emerging fields of Internet Marketing and E-commerce. An emphasis will be placed on communication elements such as presentation skills, working in groups, and written analysis of strengths and weaknesses associated with a variety of marketing plans.

Marketing Principles

Grades 10 - 12

Semester Course

.5 Credit (Offered every other year)

Prerequisite: **None**

*Offered 2018/19*** (Not Offered 2019/20)****

This course will expose students to the exciting business career field of marketing which includes such topics as logistics, pricing strategies, distribution, retailing, sales, product planning, marketing research, and promotion. A marketing course increases the student's ability to think critically and use creative talents while completing projects that correlate with the curriculum.

Business Life Skills

Grade 12

Semester Course

.5 Credit

Prerequisite: None

****Required for Graduation****

In this course, students will explore the various areas that are part of every adult's personal financial situation. Since the career and level of income a person earns is a large part of a person's financial situation, we spend a large amount of time working on planning for careers and education after high school. Students will learn about employability skills like how to fill out a job application, create a resume, write a cover letter, and participate in a mock interview. In addition, every effort will be made to allow all students the opportunity to participate in a Job Shadow for an occupation of their choosing. Finally, the last large unit will focus on personal finance areas like: basic economics, financial institutions and banking services, consumer rights and responsibilities, loans, large purchases (housing, transportation), insurance, payroll deductions, budgeting, renting, and taxes.

Emphasis will be put on avoiding common debt problems encountered by many of today's graduates as they begin their lives in college or in the workplace.

Introduction to the Personal Computer

Grades 9-12

Semester Course

.5 Credit

Prerequisite: None

Students in this course will receive a basic understanding of the personal computer's internal components and information related to future trends in the industry. Emphasis will be put on details which will allow a student to troubleshoot basic problems, perform upgrades, and improve the performance of their home computers. By the end of this course, students should be able to make wise computer buying decisions as well as maintain an aging computer well beyond its typical life span. In addition to hardware, students will study the evolution of computers/Internet and receive exposure to a variety of Internet software technologies. The following topics will also be covered to some degree: security issues, networking, computer programming, and potential careers in the information technology field.

Web Technologies

Grades 9-12

Semester Course

.5 Credit

Prerequisite: None

This course will give students the chance to create web sites using a variety of techniques. After the HTML coding language is learned, students will get to use the latest in state of the art web design software from Adobe: Dreamweaver, Fireworks, and Flash; CS6 Version. We are on the computer creating web pages every day of this course. In addition, a large amount of the class includes manipulating images for use in the web sites designed.

Introduction to Video-Game Design

Grades 10 - 12

Semester Course

.5 Credit

Prerequisite: Introduction to the Personal Computer or Web Technologies

This course will provide students a peek into what designing a video game is like. Using a game creation program and online resources, students will create a series of 6 different video games while incorporating and learning about gaming history, game concepts such as level design, sprite properties, game events and actions, special effects, music, backgrounds, scoring systems, using variables to customize actions, conditional statements, and timers. Students will create 2D and 3D games including platform games, two-player racers, side scrolling, and first person adventure games. More advanced topics will include creating 3D models and importing them into games, using 3D skyboxes and scenery, and use of scripts (pre-created programming code) to create advanced game features. Throughout the course students will have the opportunity to modify the game programming and create their own unique games based on the techniques learned in class. In addition a considerable amount of time will be spent on the history of video-games, examples of different genres of video games, terminology, trends and alternative uses. New for this year, several games will be developed completely in Python and Java programming languages.

FAMILY AND CONSUMER SCIENCE

Fundamental Foods I

Grades 9-12

Prerequisite: None

Semester Course

.5 Credit

Take the first step in food preparation. Learn how to survive in the kitchen and beginning food preparation techniques, cooking terms, reading a recipe, safety and sanitation. The class focuses on units including eggs, vegetables, grains, pasta, dairy, and baking. Students will leave this class with an understanding of how to survive in the kitchen. This is a great class for the beginning chef! This course is helpful for careers in Hospitality and Tourism.

Fundamental Foods II

Grades 9-12

Prerequisite: Completion of Fundamental Foods 1 with passing grade.

Semester Course

.5 Credit

Hungry for more? This class will teach you to prepare more complex food items including meat, poultry, fish, soups, salads, desserts, and pastries. This class also looks at food-related concerns. Where does your food come from? You will learn how to process and preserve in-season produce. Students will not only be challenged to cook and bake nutritiously, but also creatively. This course is helpful for careers in Hospitality and Tourism.

Child Growth and Development

Grades 10 – 12

Semester Course

.5 Credit

Prerequisite: None

This course is helpful in preparing for parenthood, caring for children, or for a career involving children. Study the development of a child from conception through pregnancy, infancy, through preschool years. Growth and development are studied from the social, physical, mental, and emotional aspects. Some class time will be used to observe children during the second nine weeks. This course is helpful for careers in Health Sciences, Education, and Human Services.

Housing and Interior Design

Grades 9 – 12

Semester Course

.5 Credit (Offered every other year)

Prerequisite: None

****Not Offered in 2017/18 (Offered in 2018/19)****

Everyone needs a place to live! Learn about housing styles, design principles, style, color, furniture, and floor plans. Increase your skills with hands on projects. Explore current housing and decorating trends and apartment living concerns. This course is helpful for careers in Hospitality and Tourism, Arts and Design.

Living on Your Own

Grades 11 – 12

Semester Course

.5 Credit

Prerequisite: None

Attention juniors and seniors! This is your last chance to develop those skills needed to live on your own. Gain confidence in your ability to manage your money. Learn how to prepare simple foods, deal with roommates, select apartments, take care of your clothes and adjust to a changing world. Enjoy lots of hands on activities. If you're looking forward to being on your own, this is the course for you.

Global Eating

Grades 9-12

Semester Course

.5 Credit

Prerequisite: Foods I

Food and nutrition topics commonly discussed in the global media will be the basis of this course. An emphasis on healthy snacking American style will be explored. Multicultural snacks will be prepared in the hands on labs. Explore concepts of world hunger and food availability. You will use labs, projects, and thinking skills to investigate topics including deficiency diseases, vegetarianism, and eating disorders. This course is helpful for careers in Hospitality and Tourism.

Exploring Health Careers

Grades 10-12

Semester Course

.5 Credit

Prerequisite: None

****Offered in 2017/18*** (Not Offered 2018/19)****

This course is designed for students who are interested in exploring careers that are available in the health-care field. Students will acquire a knowledge base of information, terminology, and skills used in medical occupations. Topics covered include history and technological advances of health care, ethical and legal roles and responsibilities of the health care worker, opportunities in the health care services field including diagnostic, therapeutic, environmental, and information services. This is an introductory course for careers in Health Science.

Healthy Living

Grades 10-12

Semester Course

.5 Credit

Prerequisite: Passed Fundamental Foods I with a grade of C or better.

We hear it all the time, “Eat Healthier, Obesity is on the rise, Organic, Natural.” With so much information being thrown at us we need to look at what it all means and develop ways to implement it into our own lives. The Healthy Living Course will look at nutrients, food allergies, careers in health, failure with fad-dieting, substitutions, creating personalized menus, preventing and handling diseases. The Healthy Living Course will use a hands-on Lab and experience approach to assist students in learning and beginning to make the changes to a healthier life. If you aren’t sure how to make the change to a healthier life or are afraid to, this class is for you. Prepare yourself to make healthy food choices after high school.

HEALTH

[Graduation Requirement – .5 Credit]

Health

Grades 9

Semester Course

.5 Credit

Prerequisite: None

****Required course for graduation****

The purpose of this course is to help students examine their lifestyles, select goals, and make plans to achieve and maintain optimum health. Current health topics are discussed including nutrition, human growth and development, exercise and fitness, alcohol and other drugs, and community/environmental health. Students will learn to differentiate between healthful and harmful behaviors and learn how to make responsible decisions in each health area.

LANGUAGE ARTS

[Graduation Requirement – 4 Credits]

[Journalism Excluded]

English 9

Grade 9

Full Year Course

1 Credit

Prerequisite: None

****Required course for graduation****

English 9 is required of all freshmen. It is a basic course which emphasizes the development of reading and writing skills. Grammar usage, vocabulary, spelling, and the other mechanics of reading and writing are included as is the study of literature.

English 10

Grade 10

Full Year Course

1 Credit

Prerequisite: English 9

****Required course for graduation****

English 10 is required of all sophomores. It is a continuation of English 9. The course will include the genres of drama, poetry, literature, grammar, and writing. A major component of English 10 is researching, organizing, and writing a persuasive essay. Students will also spend the first quarter preparing for the WKCE test in October.

American Literature

Grade 11

Full Year Course

1 Credit

Prerequisite: English 9 and English 10

****Required course for graduation****

American Literature is a traditional literature and composition course with emphasis on American literature. This course is based on the premise that we read literature to study the human spirit and contemplate the condition of our own lives. In books and in life, finding meaning often means sifting through complexity and ambiguity and taking an active role in making meaning out of it. A wide range of literature from classical to contemporary is used. Higher order thinking skills are practiced through writing assignments such as research biographies, research papers, college essays, comparison/contrast papers, poetry, and personal narratives.

World Literature

Grade 12

Full Year Course

1 Credit

Prerequisite: English 9 and English 10

****Required course for graduation****

World Literature is a traditional literature and composition course with emphasis on British and world literature. Material is grouped thematically as well as chronologically, with units such as heroes in ancient literature, satire, human rights, war, and the role of women in literature. Discussion of the reading is emphasized. Writing is college-based including such assignments as college application/scholarship essays and research papers, but it is also applicable to other career plans.

AP English Literature I

Grade 11

Full Year Course

1 Credit

Prerequisite: *****Instructor Approval Required*****

(See AP World Literature description below.)

AP English Literature II

Grade 12

Full Year Course

1 Credit

Prerequisite: *****Instructor Approval Required*****

These Advanced Placement courses are for students who are considering an English major or who would like to take the AP English Literature test that is offered at the end of their senior year. Students

will study the regular curriculum but be responsible for additional course work related to units covered in class. This will entail independent study, projects, and analysis of poetry, prose, and novels that go beyond what is required for other students. Criteria for Enrollment: A average in English 9 and 10, approval from English 9 and 10 instructors, intrinsic motivation to work independently, a willingness to go beyond regular coursework, and a love of reading.

English Intervention

Grades 9-10 (11 & 12 will be considered when there is space)

Full Year Course

1 Credit

Prerequisite: *****Teacher Recommendation*****

This course is teacher recommended. Students must be recommended by a teacher in order to participate. It focuses on areas that are deemed (based on past assessments such as MAPs, ACT, ASPIRE, WKCE, Smarter Balanced, etc.) below grade level in 9th, 10th, 11th, or 12th grades. The course is designed around individual student needs. The goal is to increase student motivation and create growth in one or more areas that he/she may need in reading, writing, language, and speaking. Homework is to read every day. Plus there are weekly blog post assignments.

Each phase of the class will include opportunities for students to dialogue with the instructors and other students. Students may participate in small group discussions and individual presentations to develop speaking skills. Although teacher guided, the class will require mainly independent work because each student will be working on his or her own plan at his or her own pace. Tasks chosen for independent work will be based on the CCSS. Each task will have at least one CCSS tied to it. Students will also participate in small group instruction at their reading level as well as individualized interventions programs.

Newspaper

Grades 9-12

Full Year Course

1 Credit

Prerequisite: *****Instructor Approval Required*****

Journalism is a hands-on course for students interested in producing *The Chips*. Students are responsible for interviewing, writing stories (news, feature, sports), and working on layout. Good communication skills are a must. Experienced members have a chance to become editors. Newspaper and Yearbook must be taken separately. You cannot take both at the same time.

Yearbook

Grades 9-12

Full Year Course

1 Credit

Prerequisite: *****Instructor Approval Required*****

Journalism is a hands-on course for students interested in producing the yearbook. Students learn how to do column layouts, write copy and captions, develop design skills, and become better photographers. Staff members must be able to deal with planned deadlines that appear in November, December, and February. Experienced members have an opportunity to become editors. Seniors can opt to take Yearbook first semester only. Newspaper and Yearbook must be taken separately. You cannot take both at the same time.

MATHEMATICS

Algebra I

Grades 9 – 12

Full Year Course

1 Credit

Recommendation: “C” average or better in 8th grade math or recommendation from 8th grade math instructor

This course is the first step to higher-level mathematics. The focus is on solving problems using equations, inequalities, basic functions, and formulas. Operations with signed numbers and polynomials will be studied as well as the graphs of equations and inequalities in one and two variables. The student will gain the math skills necessary for upper-level math classes and use these skills to solve practical problems.

Geometry

Grades 10 – 12

Full Year Course

1 Credit

Recommendation: “C” average or better in Algebra I or Instructor Approval

This is a comprehensive study of Euclidean plane geometry centering on the basic structure of geometry, the understanding of deduction, the strengthening of algebraic skills and how they complement geometry skills, and the need for logical as well as creative thinking. Geometry is also a prerequisite for Algebra II and Chemistry.

Algebra II

Grades 11 – 12

Full Year Course

1 Credit

Recommendation: “C” average or better in Geometry or Instructor Approval

All the topics studied in Algebra I will again be studied in Algebra II, only in greater depth. New topics studied include writing equations of lines and parabolas, solving quadratic equations, solving linear equations in three unknowns, simplifying radical expressions, solving radical equations, solving systems of quadratic equations, interpreting exponential functions and logarithms, probability and statistics, and trigonometry. Algebra II is a prerequisite for Pre-Calculus and must be taken at the same time or prior to taking Chemistry.

Transition to College Mathematics

Grades 11 – 12

First Semester Course

.5 Credit

Recommendation: Successful completion of Algebra II

This course is designed for students who have successfully passed Algebra II, but need more review on their algebra skills before entering college. In addition, this course will include trigonometric functions, exponential functions, logarithmic functions, and matrix operations. Students will learn to use functions to model real situations and study functions as a family. It is recommended that seniors planning to

attend college take this course along with Probability and Statistics. Juniors who have already completed Algebra II their sophomore year but feel they need a better review of algebra should take this course and Probability and Statistics before taking Pre-Calculus.

Pre-Calculus

Grades 11 - 12

Full Year Course

1 Credit

Recommendation: "C" average or better in Algebra II or Instructor Approval

This course will extend the study of polynomial functions, rational functions, matrices, exponential, trigonometry, and logarithmic functions covered in Algebra II. In addition, it will cover sequences and series, and also an introduction to limits.

Probability and Statistics

Grades 11 - 12

Second Semester Course

.5 Credit

Recommendation: Successful completion of two years of high school mathematics

This course will cover the fundamentals of basic statistics including interpreting and creating graphs, charts, and other distributions; calculating measures of central tendency and dispersion; defining sampling; and ways of minimizing sampling error. It will also discuss the proper ways of collecting and analyzing data and how statistics can be misleading. In addition, the basics of probability will also be covered such as random variables, using probability to make predictions of real-life events, and the definitions of independent and dependent variable and events.

AP Calculus

Grade 12

Full Year Course

1 Credit

Prerequisite: *****Instructor Approval Required*****

This course will mirror the first semester of college calculus and includes the study of basic limits, derivatives, and integrals. It is designed to meet the needs of highly motivated and talented math students preparing for a math-orientated career or further study of math at the college level. At the end of the year, students will take the Advanced Placement Exam. Passing this exam will give college credit at many universities.

NWTC College Math

Grades 11 - 12

Full Year Course

1 Credit

Prerequisite: Successful Completion of Geometry

This course is designed to review and develop fundamental concepts of mathematics pertinent to the areas of: 1) arithmetic and algebra; 2) geometry and trigonometry; and 3) probability and statistics. Special emphasis is placed on problem solving, critical thinking and logical reasoning, making connections, and using calculators. Topics include performing arithmetic operations and simplifying algebraic expressions, solving linear equations and inequalities in one variable, solving proportions and incorporating percent applications, manipulating formulas, solving and graphing systems of linear equations and inequalities in two variables, finding areas and volumes of geometric figures, applying similar and congruent triangles, converting measurements within and between U.S. and metric systems,

applying Pythagorean Theorem, solving right and oblique triangles, calculating probabilities, organizing data and interpreting charts, calculating central and spread measures, and summarizing and analyzing data. Successful completion of this course will earn the student credit in College Mathematics from NWTC.

MUSIC

Band

Grades 9-12

Full Year Course

1 Credit

Prerequisite: Middle school band and/or permission of high school band director

Senior High Band is a performance-based class which meets every day. Students will through the class curriculum be exposed to a wide variety of musical styles and genres, instrument techniques, music theory and sight - reading. Performances include but are not limited to, music concerts, athletic events, community events, graduation, etc., in which attendance is required for all events. All members of the band will also be involved in the Wisconsin School Music Association Solo and Ensemble and Large Group Festival events. Individual lessons will be given throughout the year to aid in preparing for these events. Student's progress will be monitored through the Power School grade link on the school website.

* Students who participate in an athletic event in which there is a conflict with a performance at the same time will not be penalized.

Choir

Grades 9-12

Full Year Course

1 Credit

Prerequisite: None

Singing is a learned skill that takes practice and time to master. Senior High Choir is open to all students of all skill levels in grades 9-12. Choir is a performance based class and students are expected to participate in all rehearsals and concerts. Choral, vocal, and sight-reading techniques will be studied as they apply to vocal and choral literature representing a diverse selection of musical styles and time periods. The choir may also perform various concerts for the community in addition to their regular concert schedule. Members of choir can expect to be part of a community of students who enjoy singing together and bettering their own vocal skill. **Remember, singing is a learned skill.**

Music Theory I

Grades 9-12

First Semester Course

.5 Credit

Prerequisite: Must be in band or choir

Students will learn about the rudiments of music theory. Basic concepts will include: intervals, time signatures, key signatures, major/minor scales, chords and chord inversions, and form. Students will discover these elements through sight-singing, keyboard playing, part writing, ear training, and composing their own music. Students will find that they are able to read and understand music better as they apply it to their rehearsal and concert settings in band and/or choir. Students planning to pursue music as a career will benefit greatly from this course. Students enrolling in this course should also be enrolled in band or choir.

Music Theory II

Grades 11-12

Second Semester Course

.5 Credit

Prerequisite: Music Theory I, also must be in band or choir

Students will build on the skills learned in Music Theory 1. This class will provide additional opportunities to expand upon and apply musical concept. Advanced theory topics will also be covered including: modes, advanced form, harmonic analysis, and composition. Discussions will be held to compare and contrast music in history. Students will compose various works throughout the course, analyze excerpts of music, and further skills in ear training. Students will compose a final work for the course. Students planning on pursuing a career in music will greatly benefit from this course. Students may attempt the AP Music Theory Exam upon completion of this course. Students enrolling in this course should also be enrolled in band or choir.

PHYSICAL EDUCATION

[Graduation requirement - 1.5 Credits]

PE 9: Semester Course

.5 Credit

Flag Football	Floor Hockey	Pickleball	Tennis
Soccer	Skiing	Indoor Rec. Games	Golf
Speedball	Snowshoeing	Bowling	Hand Soccer
Ultimate Frisbee	Broomball	Kickball	Track and Field
Lacrosse	Winter Games	Indoor Softball	Softball
Basketball	Fitness Unit	Fitnessgram	Field Hockey
Volleyball	Weight Training	Ultimate Frisbee	Mile Run
Dodgeball	Badminton	Archery	

Students in Grades 9 are required to take Physical Education courses. PE will run all year on an every-other-day schedule in conjunction with Health. Physical Fitness conditioning, fitness and health concepts, and structured team sport units with the basic fundamentals and rules will be taught to all students.

Beyond Grade 9, students are required to take two additional semesters of Physical Education during either their junior or senior year. Students may take more than two additional courses but may not enroll in more than one course per semester. Classes run every day for one semester. Students are allowed to select a Physical Education area of their interest.

Competitive Team Sports

Grades 10-12

First Semester Course

.5 Credit

Prerequisite: None

Mile Run	Lacrosse	Broomball
Flag Football	Basketball	Badminton
Soccer	Volleyball	Pickleball
Speedball	Dodgeball	Softball
Ultimate Frisbee	Floor Hockey	

This class is geared for the more competitive, high-energy student. Fitnessgram activity will start each class with added core training exercises. Students will then engage in a variety of team sports and lifetime activities to help increase skill and increase/maintain current fitness level. The first 9 weeks will

include flag football, soccer, speedball, ultimate Frisbee, lacrosse and softball. The 2nd 9 weeks will include basketball, volleyball, dodgeball, floor hockey, badminton, pickleball, and winter games.

Fit For Life with Weight Training

Grades 10 - 12

First Semester Course

.5 Credit

This unit is designed for those who want to run and work-out on a daily basis. Cardiovascular conditioning, developing muscle tone, and muscle endurance will be the emphasis of this unit. Activities will include running, interval training, weight training, station workouts, aerobic activities, snowshoeing, and skiing. Lecture activities will include understanding of the human body, nutrition, and total body wellness. All students will be pre and post-tested on their fitness levels and percent body fat. All ability levels are encouraged to sign up for this class. A willingness to push oneself to make physical improvement is important.

Lifetime Activities

Grades 10-12

Second Semester Course

.5 Credit

Prerequisite: None

Mile Run/Walk

Volleyball

Skiing

Snowshoeing

Broomball

Winter Games

Fitness Unit

Weight Training

Badminton

Pickleball

Indoor Rec. Games

Bowling

Archery

Tennis

Golf

Mountain Biking

Fitnessgram

Lifetime Activities emphasizes both fitness activities and lifetime activities. Students participate in daily workouts including cardiovascular conditioning and core training exercises. Along with fitness activities, students will engage in a variety of lifetime activities helping to increase/maintain their fitness level.

Weight Training I

Grades 10 - 12

Semester Course (Offered in both semesters)

.5 Credit

Prerequisite: None

This class will introduce several weight-training theories and programs that are designed to improve overall body strength. Testing and monitoring of each student will provide accurate and valid measurement of strength gains. Each student will be assessed and individualize a program for specific sports or activities.

Weight Training II

Grades 10 - 12

Semester Course (Offered in both semesters)

.5 Credit

Prerequisite: Weight Training I

******Instructor Approval Required******

Students in this class will design a specific weight training program to improve a skill-related fitness aspect used in the sport of their choice. Each athlete will pre-test, goal-set, and post-test to check the validity of the self-designed program. Students in this class can also design a specific program based on their Fitnessgram scores in order to achieve specific fitness goals.

SCIENCE

[Graduation Requirement - 2 Credits]

Physical Science

Grade 9

Full Year Course

1 Credit

Prerequisite: None

****Required freshman year. ****

Physical science is the study of the natural world. We will specifically focus on the properties and nature of energy and matter in non-living systems. Essentially, the subject matter includes chemistry and physics, but the design of the course is that students cultivate a deep understanding and practice of scientific methods to solve problems, form and express ideas, read texts, write lab reports, make observations and data collections, analyze data, draw evidence-based conclusions, and gain competence in the use of laboratory equipment. Topics include: the nature of wave motion (including sound, light and heat), electricity and magnetism, motion, the nature of matter (including physical and chemical properties), and the interactions and classifications of matter. This course helps develop a foundation for the study of biology in the sophomore year and chemistry and physics in the junior and senior years. There is a very strong laboratory component with this course.

Biology

Grade 10

Full Year Course

1 Credit

Prerequisite: None

****Required sophomore year. ****

In this sophomore level course, students will be exposed to the fundamentals of biology, the study of life. Along with core content knowledge, students will also gain experience using tools and techniques applicable to the sciences. Through integrated discovery learning, students will gain the process skills and prerequisite knowledge they need to help them succeed in both higher-level science classes and beyond the classroom. Through the year, we will be examining topics such as the scientific method, characteristics and classification of life, ecology, energy transfer, cellular machinery, mitosis and meiosis, genetics, adaptation, and evolution.

AP Biology

Grades 12

Full Year Course

1 Credit

Prerequisites: **Instructor approval required.** Three years of science, including Chemistry, with a "B" average or better.

AP Biology is a yearlong course that is designed to be taken by students after the successful completion of both high school biology and chemistry. AP Biology includes those topics regularly covered in a college introductory biology course and differs significantly from the standards-based, high school biology course with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work performed by students, and the time and effort required of the students. The textbook used by AP Biology is also used by college biology majors and the kinds of

labs done by AP students are equivalent to those done by college students. AP Biology is a course that aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. This course is designed to prepare students for the Biology College Board Advanced Placement Exam.

Chemistry

Grades 11 – 12

Full Year Course

1 Credit

Prerequisite: Taken with or after completion of Algebra II. “C” average or better in Geometry and Biology required.

*****Instructor Approval Required*****

Chemistry should be taken during the junior year for most college bound students and taken before or concurrently with Anatomy and Physiology. Colleges count chemistry as the third year lab science not Anatomy and Physiology. Chemistry deals with the study of matter and its behavior. Laboratory experiments are the foundation of the principles studied. The course involves the discussion of the chemical laws and problem solving based upon chemical findings. Students learn to work independently in a laboratory setting, to record data, and draw conclusions from their data. In order to be successful in this course, students must have developed good organization and study skills to keep with the demands of the required work.

Physics

Grades 11 – 12

Full Year Course

1 Credit

Prerequisite: “C” average or better in Algebra II and Geometry

*****Instructor Approval Required*****

This is an advanced course dealing with the laws that govern the physical world (mechanics, forces, energy), the development of these laws, and their applications. Additionally, topics in electricity, magnetism, electromagnetic waves and nuclear physics will be explored. The course emphasizes the activities of science study on all levels including inquiry-based laboratory. Class time is devoted to laboratory investigations, analyzing data, readings, and discussion. There is a strong laboratory and writing component to this course.

Human Anatomy & Physiology

Grades 11-12

Full Year Course

1 Credit

Prerequisite: Completing Biology and Chemistry with a C- or better (or taking currently)

This course explores the structure (anatomy) and function (physiology) of the human body. A system’s approach to the human body will be emphasized. There will be a strong lab component to develop laboratory dissection techniques. This course is beneficial for anyone considering a career in the health fields including nursing, pharmacy, physical therapy and sports medicine. Please note that this course will use fetal pigs as specimens to explore in the laboratory. Students will also visit the MWTC campus to observe cadavers.

Astronomy

Grades: 10-12

One Semester Course

.5 Credit

Prerequisite: "D" average or better in Physical Science

We live in a universe full of wonders. Each planet, star and galaxy is strange: different from each other, with secrets and questions that we are only now finding answers to. The universe probes us to ask questions like: For how long will the Sun keep shining and what will happen to it when it dies? What are black holes and how can they form? What makes Earth different from all the other planets? Will asteroids or comets collide with the Earth again? What does water on Mars really mean? What is a solar eclipse like? All these questions and more will be the topic of this Astronomy Course. This course does not include a laboratory emphasis but does include a large amount of presentations.

SOCIAL STUDIES

[Graduation Requirement – 3.0 Credits]

Psychology

Grades 11-12

Semester Course

.5 Credit

Prerequisite: None

Psychology is the science of the mind and human behavior. The goal of this course is to provide students with an introduction to the field of psychology. It is a fast paced course and covers an array of topics such as the different fields of psychology, methods of research, anatomy and functions of the human brain, sensation and perception, learning and memory, sleep and dreams, psychological disorders, and much more. Students planning on continuing their education after high school are encouraged to take this course, especially if entering the medical field.

Government/Civics

Grade 9

Semester Course

.5 Credit

Prerequisite: None

****Required course for graduation****

This course will primarily focus on the government of the United States (a democratic republic), which includes the study of the three levels (federal, state, and local) as well as the three branches (executive, legislative, and judicial) of our government. Other topics covered include alternative forms of government and their pros and cons, the role of government in regards to different economic systems, America's involvement in the Cold War, political ideology and political parties, voting and elections, and the criminal justice system. A great deal of material covered in eighth grade early American history will be connected and applied to this course.

Geography

Grade 10

Full Year Course

1 Credit

Prerequisite: None

****Required course for graduation during sophomore year****

This course is a blend of both physical geography and human geography. The major cultural regions of the world are studied including their historical roots, cultural characteristics, and physical environments. Human/land relationships are examined, current events from a geographical perspective are analyzed, and the future of space earth is discussed. Practical skills such as map reading and weather predictions are stressed along with an introduction to the sports of orienteering, geocaching games. Projects, simulations, and World Wide Web (WWW) research are an integral part of the course. The first

semester concentrates on big themes (e.g. demography, culture, physical landscapes, etc). In the last semester the focus shifts to regional studies and projects.

World Studies

Grades 9 – 12

Semester Course

.5 Credit

Prerequisite: None

****Recommended for freshmen and sophomores****

This course is designed to give students a better understanding of both the ancient and modern world. Topics covered include mankind's progression from hunter/gather to innovations that led to early cities and eventually civilizations. Other topics include world religions and their impact on human culture and world history as well as the connection between historical events and current events.

American History

Grade 11

Full Year Course

1 Credit

Prerequisite: None

****Required course for graduation junior year****

This course will cover the history of the United States from pre-Columbus to the present with emphasis placed on the 19th and 20th centuries (since Reconstruction). In order to cover America's history in one year, current events will be used to relate the present with the past and help understand the nation's future. Furthermore, the class will focus on reoccurring themes to connect the present with the past. Units for this class include: The Founding of Our Nation, The Rise of Nationalism and Manifest Destiny, A Nation Divided and the Civil War, Reconstruction, The Progressive Era, World War I, The Interwar Years, World War II, The Cold War, The 1960s, The End of the 20th Century.

Economics

Grades 11 – 12

First Semester Course

.5 Credit

Prerequisite: None

Have you ever wondered how the stock market works, or why there are taxes, inflation, interest rate changes, boom times, slumps and jobs lost overseas? In this one semester course these and other mysteries of our complex economic system are unraveled. We learn economic theories, but it is the practical, actual, everyday applications of economics that are the focus of the course. Emphasis is placed on the individual's role as producer, consumer, saver, and taxpayer in relation to the mixed market economic system. Studying real world economics is dynamic and exciting. We do a lot of simulations, internet research, games and projects to supplement the textbook/video lessons. Everyone in this class competes in the annual statewide stock market game.

American and Conflict (Replaces American Studies)

Grade 9-12

Semester Course

.5 Credit

Prerequisites: None

America and Conflict is a course dedicated to the discussion and knowledge of American conflicts and how they shaped American Ideals (Rights, Liberty, Opportunity, Equality, and Democracy). In this class we will focus on our attention on major American Conflicts. In addition, we will focus on how the conflicts shaped and changed America and the people who fought it. This class is dedicated to helping students understand the basics of each of these conflicts because these are the conflicts that are not discussed as much in your regular classes. Students will complete a term paper researching an aspect of a conflict that shaped American ideals.

TECHNOLOGY EDUCATION

Energy Concepts and Practical Applications

Grades 9 – 12

Semester Course

.5 Credit

Prerequisite: None

Students will study the responsible use, distribution and conservation of energy. Electricity and electronics principles will be studied. Energy usage will be charted with predictions made about future energy sources and their viability. Students will perform hands on labs in the areas of transportation, building efficiency, electricity, electronics, wind, solar, and geothermal.

Basic Machine Shop

Grades 10 – 12

Semester Course

.5 Credit

Prerequisite: None

Students will use milling machines, drills, lathes, and other precision machine tools to produce parts in accordance to drawings. Students will use precision measuring tools to check their parts and verify that they are within tolerance ranges. Material composition will be studied with emphasis on selecting the appropriate speeds and feeds along with the correct cutting tool for each operation. Students will demonstrate safe work habits while completing projects. This course is the first in the NWTC Machine Tool Prep Certificate program and students will be eligible to receive NWTC credit.

Graphic Arts and Photography

Grades 9 – 12

Semester Course

.5 Credit

Prerequisite: None

Learn about America's 3rd largest industry Graphic Arts and Photography. This course is designed to introduce students to the fun career possibilities in graphic arts, printing, and photography. Students can expect instruction and hands on experiences in: 1) digital photography, 2) screen printing, 3) computer design software programs (Adobe Photoshop and Adobe Indesign), 4) computer page layout, 5) ortho film darkroom procedures, 6) offset printing press operations and, 7) color printing processes. Students will create a variety of projects including memo pads, advertisements, a t-shirt, a photography poster, and a free choice project.

Computer Graphics I

Grades 10 – 12

Semester Course

.5 Credit

Prerequisite: None

With our visual society there is an increasing demand for computer graphics and visual data. This course will incorporate the most high powered and widely used software programs to teach students how to use the computer to design visual products. Computer graphics is an ever growing area of interest for publishing, graphic arts, business advertisements, television, and many more. In this course students can expect to use Adobe PhotoShop I-Movie, Macromedia Flash to create a wide variety of projects. Class projects may include: visual graphics, family portrait reconstruction, advertisements, sports programs, t-shirts, and other learning activities. Classes have a choice of final projects.

Production Printing

Grades 11 - 12

Full Year Course

1 Credit

Prerequisite: Graphic Arts and Photography

*****Instructor Approval Required*****

This is a rewarding class for students who enjoy working in the graphic arts field. Students can expect a business atmosphere with project work and course curriculum driven by the schools needs. Student's project examples will include: 1) all sports programs, 2) high school newspaper, 3) district newsletter, 4) school forms, 5) staff requests, 6) promotional materials. Class members will learn to work as a team and experience the "pressures of deadlines". Students will have ample time to work on projects of their choice. Some students will even choose to design and produce their own graduation announcements.

Introduction to Drafting

Grades 9 - 12

Semester Course

.5 Credit

Prerequisite: None

This class will introduce students to the advantages and possibilities associated to the world of drafting. High-powered careers are created with knowledge of drafting skills including Engineering, Interior Design, Building and Construction trades. The possibilities are endless and this class will introduce you to the basic skills required to establish a base of valuable information. Students can expect to use desktop and computer drafting to create projects that will highlight the major forms of drafting used today. Projects will lend themselves to student experiences in isometric, oblique, and orthographic projection. These skills will be used to create architectural and mechanical drawings in a fun, interactive way.

Advanced Drafting

Grades 10 - 12

Semester Course

.5 Credit

Prerequisite: Introduction to Drafting

Auto CAD skills will be refined with exploration into the use of Inventor and Revit. Students that want to be on the cutting edge by understanding and using software that drives many engineering and industrial facilities can experience the possibilities of this three-dimensional software. This class is a continuation of the Introduction to Drafting course but will offer many more student possibilities in designing three-dimensional architectural and mechanical drawings. Students will experience what it takes to form blueprints for a home and specifications and tolerances for an intricate mechanical assembly by drawing them on the computer.

Introduction to Woods

Grades 9 – 12

Semester Course

.5 Credit

This course provides students with an opportunity to learn basic woodworking and manufacturing skills. In this class students will experience worldly practices related to basic woodworking and manufacturing. Students should expect hand-on projects that will teach them how to use tools, design, drafting, and layout skills to make woods projects with an emphasis on safety. This class may lead students to further experiences in precision woodworking, manufacturing, construction or other woodworking trades.

Advanced Woodworking

Grades 10 – 12

Semester Course

.5 Credit

Prerequisite: Introduction to Woods

Advanced Woodworking is a continuation of Introduction to Woods that will focus on precision woodworking and layout skills. Students will be guided through advanced projects that will incorporate joinery and finishing skills. This class will try to help students develop the finer woodworking skills vital for industrial trades like construction finishing work, and cabinetry. Students will use both traditional wood working machines and tools as well as CNC Technology. Students can also expect to learn how all of these skills apply to area businesses and methods for achieving and developing careers in this area. With the completion of this class, students can expect to take home class woodworking projects and a self paced project.

Building Construction

Grades 10 – 12

Semester Course

.5 Credit

Prerequisite: Introduction to Woods

This course will introduce students to the basic skills related to construction. Students can expect to learn about floor, wall, and roof construction. Concepts are explained and studied through hands on construction of a building. This class will offer the basic skills needed for the development of future experiences. Throughout this class students can expect to use tools required for the building and finishing of a home.

High School Home Construction Project (Possibly offered in the 2016-17 School Year)

Grades 11 – 12

Full Year Course

4 Credits

Prerequisite: Introduction to Woods, Building Construction

Home Construction Project is a hands-on course in which a small group of students construct a home. Students will develop skills and knowledge in new home construction. Skills include foundation and masonry, rough carpentry, cabinetry, roofing, exterior finishes, landscaping, blueprint reading, site safety, and knowledge of building codes. 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. Students who successfully 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.

WORLD LANGUAGES

Spanish I

Grades 9 – 12

Full Year Course

Prerequisite: Exploratory Spanish highly
Recommended (Jr. High)

Spanish II

Grades 9 – 12

Full Year Course

Prerequisite: Spanish I

Spanish III

Grades 10 – 12

Full Year Course

Prerequisite: Spanish II

Spanish IV

Grade 11-12

Full Year Course

Prerequisite: Spanish III

El español – it's not just for the college-bound student anymore! Proficiency in a second language is a necessary 21st century skill.

In all four levels of the Spanish classes students will learn to speak, read, write, and comprehend Spanish in a culturally authentic manner, and look beyond the classroom at real life in the Spanish speaking world. They will use Spanish to engage in meaningful everyday conversations. Students will also connect and understand real-life application of their language learning to other academic disciplines such as art, geography, history, etc. Not only will language learners acquire academic skills, they will learn problem solving, survival, and employment skills to be able to communicate using authentic language. Students will learn about culture and use language to obtain and communicate information crossing several disciplines using a wide variety of resources including the internet, newspaper, magazines, movies, and libraries. The Spanish curriculum addresses the National Standards of communication, cultures, connections, comparisons, and communities.

TEACHER AIDE

Teacher Aide

Grade 12

No Credit

Prerequisite: 19 credits at the end of grade 11.

Teacher aides assist faculty in grades K – 12 with various tasks. Students who chose to be a teacher aide cannot sign up for study hall. Study hall time can be worked out with the teacher you are assigned to. Teacher aide assignments are coordinated through Mrs. Malcore. Students may be placed with elementary, middle, or high school teachers. Although no credit is issued, teacher aide does appear on the transcript.

ACADEMIC SKILLS

Academic Skills

Grades 9

Semester Course

.5 Credit

Prerequisite: None

Freshmen Study Skills will provide students with an outline of the high school expectations and curriculum. This transition course teaches students how to effectively manage time, organize resources and meet deadlines. The course ensures that students have the study skills required for future success. By completing this course student will have demonstrated that they possess the skills necessary to be

effective throughout their school experience. This course will be offered for students who take a study hall. The course will meet every other day for the full year.

Distance Learning Courses

Potential Course Offerings

Distance Learning is a network of Wisconsin schools organized for the purpose of offering students courses through interactive television (ITV). This gives students the opportunity to take courses which are not currently offered at Sevastopol. In addition, our students may have the opportunity to take technical college courses in their career interest area. Classes vary from year to year and a schedule will not be finalized until spring 2018. Juniors and seniors can register for these courses if they meet the prerequisites. **Interested students need to state their interests on their registration form. Students may not sign up for these courses after the school year ends.**

Taking courses over interactive television is not for all students since the instructor will be offsite. Students who are self-motivated and able to work well independently have the best chance for success. **Students who register for a Distance Learning course will be committed to taking the course if Sevastopol is selected to be one of the schools receiving the course.**

****All students must see Mrs. Malcore to discuss Distance Learning and online course options, before they can register!****

POTENTIAL DISTANCE LEARNING COURSES

Below is a list of *potential Distance Learning* offerings for the 2018-2019 school year available to juniors and seniors.

French I & II

Criminal Law

Hospitality Marketing

POTENTIAL NWTC COURSES

Below is a sample list of potential NWTC offerings for the 2018-2019 school year available to juniors or seniors. These classes may be used for college credit at NWTC or LTC.

Anatomy/Structure - Function

Exploring Criminal Justice

Fashion Illustration/Drawing

Foundations of Early Childhood

Intro to Educational Practices

Medical Terminology

Principals of Marketing

Speech

Intro to Psychology

Intro to Business

Sociology-Introduction

American Sign Language

ONLINE COURSES

Sevastopol offers online courses through a number of internet sites. The purpose of online courses is to give additional class options to our students or to help students make up credits they are missing. Classes have to be taken at school, but may be taken before or after school. Attendance is taken. ONLINE COURSES ARE NOT FOR EVERYONE! Students who can work well in an independent, self-motivated and know how to manage their time will be allowed to take online courses. **Those interested must meet with Mrs. Malcore before registering for any online course. Interested students need to state their interests on their registration form in order to take an online course.**

Some courses include:

Career Planning	World Language Study
Japanese	Creative Writing
Chinese	German
Latin	Computer Programming
French	Sociology
Early Childhood Education	Marine Science
National Security	
International Business	

AP Online courses:

AP Art History	AP Macroeconomics*
AP Biology	AP Microeconomics*
AP Calculus AB	AP Psychology
AP Calculus BC	AP Spanish Language
AP Computer Science A	AP Statistics
AP English Language	AP US Government & Politics
AP Human Geography	AP US History
AP Environmental Science	AP World History
AP French Language	

* One semester course