

OCONTO FALLS HIGH SCHOOL

Home of the Panthers

210 N. FARM ROAD

OCONTO FALLS, WISCONSIN 54154

(920) 848-4467

ELECTIVE AND CORE COURSE OFFERINGS

COURSE DESCRIPTION BOOKLET

2017-2018

This booklet may be found on-line at the High School web-site at

<http://www.ofhs.ocontofalls.k12.wi.us/>

OCONTO FALLS HIGH SCHOOL CURRICULUM PLAN

<u>Graduation Requirements:</u>	26 Credits
English	4 Credits
Mathematics	3 Credits
Science	3 Credits
Social Studies	3 Credits
Health	½ Credit
Physical Education	1 ½ Credits
Electives	11.00 Credits

Four Years of attendance and twenty-six (26) credits (including the required subjects listed below) are required for graduation. All subjects that are full-year courses will receive one (1) credit. All subjects that are single semester courses will receive one-half (½) credit. Credit is granted when a passing grade has been earned at the semester.

Registration Policies:

A normal class load consists of eight classes or seven classes and one study hall, regardless of the number of credits previously earned. During the registration process, it is recommended that all students sign-up for at least sixteen semesters (8-periods) of class including study halls and work co-op.

RECOMMENDED SEQUENCE

Freshman Year

Freshman Phy. Ed. (S)
Language Arts 9
Algebra 1
Biology
World History

Sophomore Year

Sophomore Phy. Ed. (S)
Language Arts 10
American Government/U.S. History I
Chemistry
Geometry

Junior Year

Junior Phy. Ed./Health Ed.
U.S History II/Economics
Language Arts 11
Algebra 2
Physics or other elective

Senior Year

Language Arts 12, or
Advanced Placement English

COLLEGE PREP

FOUR-YEAR COLLEGE AND UNIVERSITY REQUIREMENTS AND RECOMMENDATIONS

Students who plan to attend college:

- should review the University of Wisconsin System brochure titled, Introduction To the University of Wisconsin System and materials appropriate to other college and university entrance requirements.
- should consider the maximum rather than the minimum options available.
- may want to, as juniors or seniors, narrow their choices to 2 or 3 institutions and follow the requirements for those schools.

The basic academic subjects provide the detailed knowledge and skills necessary for effective work in college. These subjects include language arts, science, mathematics, social studies, foreign language and the arts.

LANGUAGE ARTS	4 years. Requirements vary considerably at different institutions. Emphasis should be placed on listening, speaking, writing, grammar skills and literature.
FOREIGN LANGUAGE	A minimum of two years is strongly recommended with a preference for three or four years for functional language use. Some schools require foreign language for admission.
SOCIAL STUDIES	3 years. Additional Social Studies classes can also be counted as part of the academic credits for admissions.
MATHEMATICS	4 years. All state campuses require algebra, geometry, and algebra II. Some majors i.e. engineering, business, etc. require some form of calculus for the degree. Students are encouraged to complete as many credits in mathematics as is possible. Solid math preparation in high school is essential for most majors.
SCIENCE	3 to 4 years. In some cases specific courses are needed: for example, nursing and programs in the related health fields require both biology and chemistry. A combination of life and physical science is essential. 3 years of science are required – Biology, Chemistry and Physics and one advanced science such as AP Biology or Advanced Chemistry.

It is highly encouraged that college bound students choose a schedule with the highest level of rigor possible to best prepare them for post-secondary schooling options. This could include taking college credit classes as early as the sophomore year, and then each successive year thereafter. Please note that it is recommended by the high school that students take college level classes for preparatory purposes, not necessarily the college credit. *Each post-secondary institution has their own regulations on transferability, and each class offered by the high school does not necessarily transfer to specific post-secondary institutions.*

TECH PREP

VOCATIONAL AND TECHNICAL COLLEGE REQUIREMENTS AND RECOMMENDATIONS

The majority of graduates will not elect a four-year college/university program immediately following graduation. Some will choose the military, some will take a full-time job and many will seek a technical college education/training program. However, technical preparation demands a solid academic program along with appropriate technical college courses at the high school level.

Suggested department levels are:

LANGUAGE ARTS:	This area is met by four credits required for graduation. Effective listening and communication skills are essential.
SOCIAL STUDIES	The minimum sequence of the required three credits will meet requirements for most programs. However, reinforcement in people skills' courses may be most beneficial.
MATHEMATICS	Minimum (Algebra I & Geometry) mathematical preparation is no longer satisfactory for many technical college programs. Some programs and careers will require mathematics courses, which cover topics in geometry, advanced algebra and trigonometry. Students are encouraged to push themselves as far as possible in mathematics.
SCIENCE	A thorough knowledge of basic sciences is essential for most areas. A tech/science experience should incorporate knowledge of physics, life sciences & chemistry. Many health areas require science through chemistry (dental hygiene, registered nursing, physical therapy assistant & respiratory therapy). Future programs may encourage a stronger background in the sciences.

RECOMMENDATIONS AND REQUIREMENTS BASED UPON THE DESIRED FIELD OF STUDY

TRADE AND INDUSTRY'S	Most programs need a minimum of algebra, while some require geometry. It is recommended that students take algebra II for electronic programs.
HEALTH OCCUPATIONS	Many health areas require science classes through chemistry (dental hygienist, registered nurse, physical therapy assistant and respiratory therapist).
CREDIT CONNECTION	Students may earn NWTC credit and in some cases advanced placement for courses taken in high school.

Students need to be aware of the admission requirements for the many programs, which are available. Discuss your interests with a counselor. Many of the needs are similar to college requirements. Enrollment in vocational courses should be considered to support the academic basic skills.

AGRICULTURE

MISSION STATEMENT: The Agriculture Education Advisory committee, in recognizing the importance of Agricultural Education in our schools, will supply the necessary input to guide the school district in designing a curriculum to educate and challenge our students in a variety of agriculture based disciplines in our ever changing society. Students wishing to take courses that do not meet course prerequisites require instructor approval to register.

AGRISCIENCE: PIZZA, PLANTS, & ANIMALS

Open to students in Grades 9-10

Semester course - ½ credit

This intro-level course will begin your grassroots effort in understanding the agriscience industry including the exploration of career areas through farm and agribusiness tours, industry speakers, and hands-on projects and activities.

Topic areas include plant science, animal science, environmental sciences, food science, and agribusiness. Students will also learn about the FFA and have the opportunity to get involved in Career Development Events (CDE's), Supervised Agricultural Experiences (SAE's), and leadership development activities, which include managing time, speaking professionally, organizing information, and carrying out large scale projects.

AGRIBUSINESS COOPERATIVE EDUCATION PROGRAM

Prerequisite -Two Semesters of Agriscience Courses, Instructor's Consent and current enrollment in an Agriscience class.

Open to students in Grades 11 - 12

Full year (1 credit) or semester course (½ credit)

With the approval of the instructor and guidance counselor, a student meeting the prerequisites who is working in an Agricultural related job at the time the fall semester begins may enroll in this course. This is an independent study course with educational objectives and activities designed by the student and instructor to address specific issues related to successful preparation of the student to enter the world of work. Student, Instructor, and Employer must meet monthly to evaluate job progress and complete work site summaries. This course will also address FFA and Supervised Agricultural Experiences.

PET/COMPANION ANIMAL CARE

Open to students in Grades 09-12

Semester course - ½ credit

This course provides students with practical knowledge of pet care and explores career opportunities in the pet industry.

Care, management and, where appropriate training of traditional pets such as cats, dogs, birds, fish, guinea pigs and hamsters; working animals like dogs and exotic animals such as reptiles and amphibians will be addressed. Topics include nutrition, health management, reproductive management, diseases, and safety. Students will be exposed to a wide variety of pet and companion animals in the classroom or on tours and will hear presentations and observe demonstrations by veterinarians, other animal care workers such as kennel owners, trainers and groomers. This course will also address FFA and Supervised Agricultural Experiences.

AQUACULTURE

Open to students in Grades 10-12

Prerequisite - Agriscience

Semester course - ½ credit

Project fee required – \$15.00 for purchase of goldfish, duck decoys, and Tilapia for fish fry.

The aquaculture industry is more important than ever before. With overfishing, polluted waters, and a demand for more food, our current ecosystems cannot handle the pressure, so we are turning to methods of raising fish in various farming systems on land and at sea. This course uses a hands-on approach to 21st agriculture utilizing our resource of water to farm fish for human consumption and the pet industry. . This will include all of the production aspects of fish through harvest, filleting, etc. Species of fish include several freshwater and tropical species. Students gain tremendous knowledge and appreciation for our water resources and water quality. This course will also address FFA and Supervised Agricultural Experiences.

The Oconto Falls School District and the Career and Technical Education classes shall not discriminate on the basis of race, religion, creed, political affiliation, physical, mental, emotional, or learning disabilities, handicap, gender, gender orientation, age, national origin, citizenship, marital, parental or pregnancy status, ancestry, color, or any other reason prohibited by state or federal law.

AQUACULTURE SCIENCE - IQUAPONICS

Open to students in Grades 10-12

Course Fee: \$20.00

Prerequisite - Aquaculture

Semester course – ½ science credit

How do you feed a hungry world when prime agricultural land is disappearing to urban sprawl, bodies of water are under pollution pressure and controversy, humans are demanding a more healthy-eating lifestyle, and shipping food 1000s of miles is on the minds of many. Aquaponics in Wisconsin and in many other climates is quickly become a viable farming solution. How does this farming practice work? In this course students will study the scientific production of aquatic plants and animals through systems like hydroponics and aquaculture; when added together are termed Aquaponics. Hydroponics is the growing of plants in water instead of soil and aquaculture is farming the water for fish. The students in this class will be charged with managing the aquatic organisms growing in the agriscience department and engineering new systems to solve real-world problems.

HORSE CARE MANAGEMENT

Open to students in Grades 11-12

Offered in Even Years only (2016/2017)

Prerequisite - Agriscience

Semester course – 0.5 credit

The equine industry is a diverse industry that supports a wide variety of activities in all regions of the United States. The industry combines rural activities such as breeding, training and maintaining with the more urban activities such as racetracks, horse shows, and public sales. The topics of study in Equine Science include breed identification, anatomy, physiology, reproduction, behavior, husbandry, marketing and nutrition. Students will have opportunities for hands-on lab activities and field trips to gain practical knowledge of the equine industry. When appropriate, guest horses will be brought in to enrich student learning. During such times, all Wisconsin safety regulations will be followed to ensure student safety. This course is appropriate for students with or without prior practical experience with horses. This course will also address FFA and Supervised Agricultural Experiences. This course may be offered in the distance education lab by an Oconto Falls instructor.

PRODUCTION ANIMAL SCIENCE

Open to students in Grades 10 – 12

Prerequisite - Agriscience

Semester course - ½ credit

This course explores the many aspects of food animal production including dairy and beef cattle, sheep swine, dairy and meat goats, and poultry. Students will learn to identify the major breeds and to evaluate conformation of each species. General principles of animal nutrition, housing, health management, reproduction, and marketing will be covered plus specific requirements for each species. Hands-on activities include ration formulation, development of meat animal production plans and design of animal housing. Farm field trips will demonstrate the animal management principles covered. Class presentations by producers, veterinarians, ration advisors and others will increase student awareness of career opportunities in food animal production. This course will also address FFA and Supervised Agricultural Experiences.

VETERINARY SCIENCE (Science credit)

Open to students in Grades 11 - 12

Semester course – ½ Science credit

Prerequisite – Any other animal science class

Veterinary Science explores the career field of animal medicine. Students will learn hands on the job of a veterinarian. Areas of Study and Laboratories involve biosecurity and animal handling/safety, Latin medical terminology, animal surgeries and treatments and care techniques. Students will study the various animal anatomy and physiology similarities and differences. Animal health evaluation along with major disease issues affecting today's pets and production animals

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are vital for any animal owner or medical worker to understand. Students may work with a local veterinarian through a job shadow program to see the day to day work schedule involved. Animal species to be studied include cattle, horses, pigs, sheep, cats, dogs and exotic pets.

OUTDOOR RECREATION

Open to students in Grades 9-12

Course fee: There are designated fees for each certification if you choose to complete the exams. Fee prices are available from the instructor and are subject to change.

Semester course - ½ credit

Outdoor Recreation will allow students the chance to learn principles of environmental education in relationship to hands on stewardship of the land. Topics of student will include county, state, national and international environmental travel; geocaching and the correct use of GPS units; and forest utilization strategies according to our school forest wise use plan.

Students will be involved in numerous projects including ATV safety certification, Snowmobile safety certification, boaters safety, trapper ed., and hunter safety. For anyone who enjoys spending time outdoors, this is the class for you! This course will also address FFA and Supervised Agricultural Experiences.

ADVANCED FOOD SCIENCE

Open to students in Grades 11 - 12

Semester course - ½ credit

Prerequisite – Food Science I or II.

Lab fee of \$10.00 for food consumed in class.

Advance your knowledge, skills and career exploration of our global food supply by conjuring up new and improved foods. Apply science to food development, preservation, and production. Study microbiology, vitamins, minerals, fermentation, preservation, packaging, and food safety. Think outside the box! How was that made? Is that healthy for you? Food industry buzzwords: intensity, smooth, creamy, spicy, fresh, local, super foods, all natural, antioxidants, probiotics, multigrains, 100 calories, sustainable, and it just delicious! Explore one of the largest industries in the nation by giving agriculture and food science a chance! This course will also address FFA and Supervised Agricultural Experiences.

FOOD SCIENCE I – WHAT’S FOR DINNER

Open to students in Grades 10 - 12

Semester course - ½ credit

Lab fee of \$10.00 for food consumed in class.

Are you always hungry, would like to know more about your ready-to-eat microwave entree, fast food, your parent’s home-cooked meal, and grandma’s holiday spread? Then you need to know how to make those foods. The first step in food science is to identify a need, occasion or audience. You will get to cook, bake, and create. We will take raw ingredients and develop savory foods that will accompany your taste palette into the future. Also, find your way around the kitchen, practice safety, and discover your inner foodie. How will your eating habits be influenced for the rest of you life? Classroom presentations by food industry workers will provide students with information about career opportunities in food science and culinary. This course will also address FFA and Supervised Agricultural Experiences.

FOOD SCIENCE II – FARM TO TABLE

Open to students in grades 9-12

Prerequisites: Agriscience

Semester course – ½ credit (Runs every other year starting in 2016/2017)

Lab fee of \$10.00 for food consumed in class.

Does today’s food really come from the store? What is a farmers market? Can I raise my own food and process it? Is it safe to eat? Point “A” is at the farm and Point “C” is the consumer. Something happens to food between A and C, its called Point “B”, processing. There are many mysteries surrounding the food industry, but let’s break that down and try transforming food into what we see today. There are special procedures food companies follow and you should too in your kitchen, it is called food safety, from Farm to Table. Transform raw foods into savory and sensational products.

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Special consideration will be given to the following raw foods: milk, animal protein tissues, fruits, vegetables, grains, and other wholefoods. When you are finished with this class, you will truly be an informed and engaged consumer! This course will also address FFA and Supervised Agricultural Experiences.

WILDLIFE AND FORESTRY

Open to students in Grades 09 - 12

Semester course - ½ credit

The best hunters know their prey and the best preservationists know what they are trying to preserve. In Wildlife and Forestry, students will gain the necessary skills to start them on the life long process to becoming that knowledgeable hunter and savvy preservationist. Students will focus their experience on the native wildlife species that inhabit Wisconsin. Units of study include wildlife ecology, habitat management, wildlife regulations, and wildlife management. Wisconsin forest land will help students embark on tree identification, tree structure and growth, forest ecosystem management, silviculture, and timber production. Learning enrichment opportunities include developing forest management plans, and maintenance of the school forest. This course will also address FFA and Supervised Agricultural Experiences.

GREENHOUSE MANAGEMENT (SPRING)

Open to students in Grades 10 – 12

Prerequisite - Agriscience

Semester course – ½ credit

This course will build on the horticultural knowledge and skills developed in the horticulture class and expose students to the operation of a horticultural plant production business. Tours of area commercial greenhouse operations will allow students to observe career options available in greenhouse management. The class will plan, produce and market a crop of greenhouse plants, including flower and vegetable bedding plants, perennials and houseplants in the department greenhouse. Students will learn and practice production scheduling, propagation, fertilization, pest control, management of light, production and financial record keeping, advertising, and customer relations. Students will also maintain current aquaponic production systems producing food in the greenhouse. This course will also address FFA and Supervised Agricultural Experiences.

THE PLANT DOCTOR

Open to students in Grades 11-12

Semester course – ½ credit

Topics during this class will be dedicated to the following segments: agronomy, greenhouses, ornamental plants, landscaping turf, gardens, forests, fruit farming and much more. You will practice how to safely and properly maintain a plant species by calibrating sprayers, mixing solutions, pruning, fertilizing, and other 21st century disease mitigation practices.

FLORICULTURE AND LANDSCAPE DESIGN

Open to students in Grades 10 - 12

Semester course - ½ credit

Project fee of \$10.00 for flowers.

Horticulture is a beautiful division of the agriculture industry with subdivisions of floricultural and landscaping. Flowers, plants, and outdoor spaces enhance our living and work spaces. Skills you will practice include floral design, plant identification, design principles, exterior and interior scaping techniques, site assessment, and landscape maintenance. You will be implementing horticulture theories and applying them into real-life scenarios at school, home, and around our community. Test your creative mind by creating holiday and special arrangements along with designing the a landscape. This course will also address FFA and Supervised Agricultural Experiences.

ENVIRONMENTAL IMPACT (SCIENCE CREDIT)

Open to students in Grades 11-12

Semester course – ½ science credit

Apocalypse, I don't think so! If humans do not become more environmentally aware, the human race will witness major issues and survivability hardships. Soil, water and air quality are real-world environmental issues right now as we share living space with plants and other animals. In this course you will study environmental science from a service-learning and inquiry-based perspective. How do we as individuals make a positive lasting impact on the community that we live in? Learn how to methodically approach our society and use these principles to create solutions.

ART

ADVANCED PLACEMENT ART HISTORY

Semester course; ½ credit

Course Fee: \$93.00 for cost of AP exam. Students are also responsible for purchasing textbook and workbook. (Prices vary depending upon online source.)

Prerequisites: none; strongly suggest Junior or Senior level

An exciting course that will offer students not only a wonderful experience understanding history, but also the opportunity to create basic Art projects to emphasis and strengthen the understanding of each period in history. Students will travel down the time line from Greek sculpture, Japanese ink drawings to modern Art of the 1990's. This course is for students who enjoy visual learning and who take pleasure in humanities courses as well as literature classes. It is designed to help prepare students to take the Advanced Placement test in Art History, which is required. AP credit will be given only if student achieves a 3 or better on the final AP exam.

INTRODUCTION TO ART

Open to students in Grade 9 - 12

Full year class – 1 credit

Brush (acrylic, watercolor) and Drawing Pencil fee: \$20

This is a class for students who enjoy most aspects of 2 and 3-dimensional art including drawing, painting sculpting and design. Various media will be incorporated, such as graphite, acrylic paint, marker, watercolor, and ink. Three dimensional media used will include soapstone, clay and copper enameling. This is the foundations class for the rest of the art classes.

CERAMICS 1

Open to students in Grades 9 - 12

Semester course - ½ credit

Project fee of \$10.00

Concentrated study of wheel-throwing and hand building techniques of pottery and sculpture. Various types of glazes will be incorporated.

CERAMICS 2

Prerequisite - Ceramics I

Open to students in Grades 9 - 12

Semester course - ½ credit

Project fee of \$10.00

After learning the basics in Ceramics I, the students will choose an emphasis in hand building, wheel-throwing or sculpture, and particularly build their skill level in that area.

CERAMICS 3:

Prerequisite – Ceramics 1 & 2

Open to students in grades 10 – 12

Semester course – ½ credit

Project fee of \$10.00

Students who have enjoyed working with clay can further develop their skill on the wheel, hand building, working sculpturally and glazing techniques. Emphasis will be on craftsmanship and improvement of skills acquired.

APPLIED ART

Prerequisite – Intro to Art

Open to students in Grades 10 - 12

Full year course - 1 credit

Brush fee (oil/ink): \$20

Further study of the many facets of Art. Serious concentration on improving drawing and painting skills. All areas of study from Intro to Art are expanded to include new materials such as oil paint, ink drawing, plastercraft sculpture and silkscreen.

ARTS & CRAFTS

Open to students in Grades 9 - 12

Full year course - 1 credit

Brush fee (sable assortment): \$20

This class has less emphasis on drawing and painting, more concentration on 3-dimensional work. Projects include jewelry, candle-making, stenciling, glass etching, collages and glass painting.

FACES, FIGURES, AND FANTASY DESIGN

Prerequisite - Intro to Art

Open to students in Grades 10 - 12

Semester course – ½ credit

This class is for the beginner, intermediate or advanced student who wants to learn how to draw faces, figures, and fantasy figures. Students will understand realistic proportion and strengthen their fantasy and Manga drawing skills. Project themes include portraiture, figure drawing, anime, fantasy creatures and comic strips.

COMPUTER GRAPHICS-DRAWING

Prerequisite - Intro to Art

Open to students in Grades 10 - 12

Semester course - ½ credit

No Project fee required.

The technology of the computer is used to draw and paint. Students will learn to use the computer as a tool and gain experience in its language to bend and reorient shapes, create perspective drawings and blend and make colors transparent.

DRAWING & PAINTING

Prerequisite - Intro to Art and Senior Status

Open to students in Grade 12

Full year course - 1 credit

Brush fee: \$20

Advanced painting problems in all media. Concentrated drawing using all design elements. Individual study in media and artists.

DESIGN

Prerequisite: none; Intro to Art strongly recommended

Open to students 9 – 12

Semester course – ½ credit

This class is for students who may not have the strongest art skills, but who enjoy designing things for the home. Projects include learning how to paint mock wall finishes, building room dioramas, creating small unique furniture pieces, recycling old household items into new décor, dream home designing, and layouts for basic home landscaping.

PHOTOGRAPHY

Open to students in Grades 9 - 12

Semester course – ½ credit

Project fee: \$8.00 to cover cost of a jump drive for photo storage.

The purpose of this course is to make students aware of, and appreciate high quality photography. Students will shoot and print their own photos incorporating high standards of composition and lighting. Student will work on a wide variety of Adobe Photoshop software projects and use digital cameras, scanners and color laser printers.

BUSINESS EDUCATION

COMPUTER LITERACY - NWTC

Open to students in Grades 09 - 10

Semester course - ½ credit

This course is an introductory course exploring the various software applications commonly used in education, business, and for personal use. The course is project based and interactive. Students will learn how to use the Microsoft Office programs as well as Web 2.0 and 3.0 tools like Vokis, Podcasts, and Wikis. Students who complete this course with a B average or better may be eligible for NWTC credit.

ENTREPRENEURSHIP: TWINING YOUR FUTURE - NWTC

Open to students in Grades 9-12

Semester course – ½ credit

This course is designed to teach students what it takes to own, manage, or operate a business. Most of the semester will be spent learning what a business plan is and writing one. In addition, outside resources will be utilized to help make sense of it all-actual entrepreneurs who have done it! Lastly, we will meet with business professionals who can help students with the funding portion of starting a business.

PERSONAL FINANCE

Open to students in Grades 10 - 12

Semester course – ½ credit

This course includes lessons regarding financial issues every student will face in the near future. Students will learn strategies to manage money so they are better prepared to avoid the financial pitfalls many adults face today. Students will gain knowledge of how to write a check, budget money, determine insurance needs, make smart purchasing decisions, be responsible with debt, and guard themselves against financial scams. Some projects include car buying research, checkbook simulation, and learning through the The Game of Life..

MARKETING - NWTC

Open to students in Grades 10 – 12

Full year course – 1 credit

Students will recognize how marketing affects them every day in their lives. Advertising techniques and strategies will be discussed as well as ways to overcome marketing tactics. Students will learn how to use marketing to sell their ideas. Advertising, branding, promotions, selling, marketing research, and new product development will be covered. Students will work directly with local businesses to create advertisements and design new products. Students who complete this course with a B average or better may be eligible for NWTC credit.

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BUSINESS CONCEPTS

Open to students in Grades 9 - 12

Semester course – ½ credit

This course is an introductory course for students interested in any area of business as a career or for personal use. This is an interactive projects based class that will cover topics in business that everyone will experience in his or her personal life. Students will learn business basics through projects such as: proposing a new business venture, creating and marketing an innovative product, and debating business ethical issues.

CAREER SUCCESS 101

Open to students in grades: 11-12 (10 with instructor's consent)

Semester Course ½ credit

Course description: This course is designed to prepare students for future career success by learning and experiencing various job and career readiness skills. Students will explore careers, identify back up plans, and develop specific planning strategies to meet career and life goals. Students will create a resume, cover letter, complete applications and learning about the application process. Students will perform mock-interviews, phone interviews, and practice proper dining etiquette. A portfolio will be created for students to use as an aid in career exploration. This course will also cover additional career topics including financial aid, business ethics, decision-making skills, and how to communicate and get along with co-workers and management. Speakers and/or field trips will be utilized to provide additional guidance and experience. This class will serve as a career preparation course for students in any career path.

COLLEGE CREDIT ACCOUNTING I - NWTC

Open to students in Grades 10 - 12

Full year course - 1 credit

This course provides an understanding of the basic elements and concepts of double-entry accounting systems. Activities include the accounting equation, the accounting cycle, entering transactions in journals, posting to ledgers, end-of-period statements and reports, payroll systems, banking activities, taxes, uncollectible accounts, depreciation, inventories, and notes and interest. Students will also learn how to play the game of Monopoly-the accounting way! *{transcribed NWTC credit will be earned if both accounting classes are taken with grades of B- or better.}*

COLLEGE CREDIT ACCOUNTING II - NWTC

Prerequisite - Accounting I

Open to students in Grades 11 - 12

Full year course - 1 credit

This offering is designed to help the students acquire a more thorough, in-depth knowledge of accounting procedures and techniques utilized in solving business problems and making financial decisions. Automated accounting principles are integrated into all of the accounting activities such as payroll, preparation of balance sheet, income statements, journal entries, and income tax forms. It further acquaints the students with the use of the business papers, forms, and reports involved in keeping financial records as well as developing skills in analyzing and interpreting information common to partnerships and corporate forms of organization, preparing formal statements and supporting schedules, using voucher systems and coding, using inventory control and budgetary control systems. Greater emphasis is given to the analysis, interpretation, and synthesis of managerial problems using accounting information as a tool. Students will also learn how to play the game of Monopoly-the accounting way! *{transcribed NWTC credit will be earned if both accounting classes are taken with grades of B- or better.}*

COLLEGE CREDIT ACCOUNTING III - NWTC

Prerequisite - Accounting I & Accounting II

Open to students in Grades 11 - 12

Full year course - 1 credit

This class is designed for students who want an advanced understanding of the accounting procedures and techniques. Automated accounting will be utilized into all of the accounting activities. It further acquaints the students with the use of the inventories, fixed assets, current liabilities including payroll and notes payable, business formations, capital stocks, dividends, bonds, cash flow statements, and financial statement analysis. {NWTC credit may be earned.}

SPORTS & ENTERTAINMENT MARKETING (ALTERNATE YEARS STARTING 2017-2018)

Open to students in Grades 11 - 12

Semester course – ½ credit

This is a dynamic course that deals with the marketing of sports and entertainment. Students will examine how basic marketing principles are used to successfully present a sporting and entertainment event. The class will apply these principles to develop: team images, sports products, target marketing events, advertising and promotional activities, and event planning activities. Students will also learn to balance costs and revenues and report on current issues in sports and entertainment.

SKILLS CO-OP PROGRAM

Prerequisite – Instructor's consent

Open to students in Grades 11 - 12

Semester or Full year course - 1 credit or ½ credit

A program, which integrates prior career-related classroom instruction with work-based learning. A learning plan based on occupational and employability competencies is developed between the supervising teacher and employer. The program involves a minimum of 450 hours of paid experiences under the supervision of a trained workplace mentor per credit.

MENTORING AT THE ELEMENTARY AND MIDDLE SCHOOL

Open to students in Grades 10 - 12

Full year or semester course – 1 or ½ credit

This is a voluntary **student led** placement to assist others in which a ½ credit per semester can be earned. Placement could be as a mentor, tutor, or teacher's aide. An accountability folder will be required at the close of the semester. It would include either daily journals or a reflection essay and a favorable letter from the cooperating supervisor. Grading will be pass/fail and this will not enter into grade point average calculation. *Open to students who have maintained good academic standing and an attendance record of less than 3 unexcused absences in the previous semester and less than 15 excused/unexcused absences in the previous semester.

COMMUNITY SERVICE ASSISTANCE

Prerequisite – Instructor's consent

Open to students in Grades 10 - 12

Full year or semester course - 1 or ½ credit

An individualized program for a student who wishes to serve, in a voluntary manner, the school or community in a work setting. Experiences will vary, but could include being a foreman in the shops, teacher aides, hospital assistants, or outside of school aide work. This is restricted to students pre-approved by teacher involved, principal's recommendation, or I.E.P. placement. Grading will be pass/fail and this will not enter into grade point average calculation. *Open to students who have maintained good academic standing and an attendance record of less than 3 unexcused absences in the previous semester and less than 15 excused/unexcused absences in the previous semester.

MANAGEMENT AND LEADERSHIP SKILLS (ALTERNATE YEARS STARTING 2017-2018)

Open to students in Grades 10-12

Semester course - ½ credit

Students in this course will learn what it takes to be an effective leader. They will learn how successful leaders of the past and present have been able to influence people in order to make a positive impact. Topics include motivation, group dynamics, personality types, stress reduction, conflict resolution, and ethics. The course concludes with students writing and implementing an action plan to make a positive change in the school, the community, or even the world!

YEARBOOK/NEWSPAPER PRODUCTION

Open to students in Grades 9 - 12

Full year course - 1 credit

This course will teach students how to prepare archival materials for a historical record of events in the form of the annual publication for OFHS. Students will learn how to organize photographic materials with appropriate captions, surveys, scoreboards, and themes to construct lay-outs consistent with historical and journalistic standards. Instruction includes training in Adobe Photoshop and Yearbook layout programs to integrate text with photographic presentations. Enrollment will be limited to 20 students. Seniors will be given first preference followed by juniors, sophomores and freshmen.

ADVANCED MS OFFICE - NWTC (ALTERNATE YEARS STARTING 2017-2018)

Open to students in Grades 10 - 12

Semester course - ½ credit

Prerequisite: Computer Literacy

In this course, students will learn advanced techniques to build upon their understanding of the basic features and options in the Word, Excel, Access, PowerPoint, Publisher, and FrontPage applications. This course is designed for intermediate and advanced Microsoft Office users and will focus on the more complex capabilities that Microsoft Office offers. Therefore, the Computer Literacy class is a prerequisite to this class. Students who complete this course with a B average or better may be eligible for NWTC credit. They will also have the opportunity to take the MOS certification exam, a business industry recognized certification.

PERSONAL LAW (ALTERNATE YEARS STARTING 2017-2018)

Open to students in Grades 10 - 12

Semester course - ½ credit

This course is for the student who wishes to achieve an understanding of legal principles, which will be useful throughout his or her life. Students will analyze their rights and responsibilities under the law. Criminal law, civil law, laws for minors and family law are all covered.

BUSINESS LAW (ALTERNATING YEARS STARTING 2017-2018)

Open to students in Grades 10 - 12

Semester course - ½ credit

This course is designed to inform students of contract law. It covers rights and responsibilities of consumers and businesses. This course is excellent for anyone but especially students going into business management or business administration.

ASSET MANAGEMENT (ALTERNATE YEARS STARTING 2017-2014)

Offered every OTHER year starting in 2013

Open to students in Grades 10 - 12

Semester course – ½ credit

Prerequisite: Personal Finance

Practice of actual asset management involves hands-on investment of equity securities in a portion of an endowment portfolio which has been set aside for the educational benefit of the class. Asset management class will teach students to establish/review investment policy, conduct investment research, determine strategies to be implemented, select securities,

The Oconto Falls School District and the Career and Technical Education classes shall not discriminate on the basis of race, religion, creed, political affiliation, physical, mental, emotional, or learning disabilities, handicap, gender, gender orientation, age, national origin, citizenship, marital, parental or pregnancy status, ancestry, color, or any other reason prohibited by state or federal law.

enter and track orders, measure and report performance, and manage client relations.

FOREIGN LANGUAGES

FRENCH I

Open to students in Grades 9 - 12

Full year course - 1 credit

Introductory course to develop proficiency in the four language skills: listening, speaking, reading and writing along with a development of cultural awareness. This course may be offered in the distance education lab by an Oconto Falls instructor.

FRENCH II

Prerequisite - French I, recommend a C or better or instructor's consent to qualify for next level

Open to students in Grades 10 - 12

Full year course - 1 credit

A continuation in maintaining, developing, reinforcing and increasing all four skills (listening, speaking, reading, writing) acquired previously and focusing on cultural awareness of Paris, its people and monuments. This course may be offered in the distance education lab by an Oconto Falls instructor.

FRENCH III

Prerequisite - French I & II, recommend a C or better or instructor's consent to advance to the next level.

Open to students in Grades 11 - 12

Full year course - 1 credit

Communication in a meaningful cultural context is emphasized. Students continue to sharpen listening skills and to learn grammar structures to strengthen writing capabilities and to increase reading comprehension.

FRENCH IV

Prerequisite - French I, II & III, recommend a C or better or instructor's consent to advance to the next level.

Open to students in Grade 12

Full year course - 1 credit

Spoken fluency, comprehension of advanced reading materials, and refinement of written expression is emphasized. Diverse texts and films are explored.

FRENCH V

Prerequisite – French IV

Open to students in Grade 12

Full year course – 1 credit

La description du cours de la 5eme année de français: Toute communication dans la cinquième année sera en français. Le professeur s'attend à ce que les élèves ne parlent que du français dans le cours et à ce que les élèves puissent lire et écrire couramment à la fin du cours. Le cours a aussi comme but d'améliorer le niveau de la conversation des élèves et de leur compréhension des Français quand ils parlent. Les élèves amélioreront leur niveau de grammaire et de vocabulaire en étudiant la littérature, l'histoire et la culture francophones. Les évaluations des élèves seront basées sur des rédactions, des conversations, des présentations et des débats.

Course Description: French V will be conducted in the target language and it is expected that the students strive for fluency in their skills of reading, writing, listening, and speaking French. Grammar and vocabulary are taught in the context of Francophone literature, history, and cultural units. Evaluations will include written essays, conversation, presentations, and debates.

SPANISH I

Open to students in Grades 9 - 12

Full year course - 1 credit

Español I is an introduction to the study of foreign language and the development of the four skills of language learning: listening, speaking, reading and writing. The major emphasis is on listening, vocabulary building and basic grammar skills. This course also includes a cultural approach to an understanding of the Spanish speaking world (i.e. - United States, Puerto Rico, and Mexico).

SPANISH II

Prerequisite - Spanish I, recommend a C or better or instructor's consent to advance to the next level.

Open to students in Grades 10 - 12

Full year course - 1 credit

Español II includes further development in oral communication skills, grammar, composition, and reading skills. Development of cultural knowledge is enhanced through the study of the Hispanic culture of the United States, Mexico, and Spain.

SPANISH III

Prerequisite - Spanish I & II, recommend a C or better or instructor's consent to advance to the next level.

Open to students in Grades 11 - 12

Full year course - 1 credit

Español III is an extension of the courses offered. Emphasis lies in grammar, translation, written and oral communication with a cultural approach. Special cultural development in the study of Central and South America.

SPANISH IV

Prerequisite - Spanish I, II & III, recommend a C or better or instructor's consent to advance to the next level.

Open to students in Grade 12

Full year course - 1 credit

Español IV is the culmination of languages offered. The course emphasis is on conversation, translation, specialized vocabulary and idiomatic usage. As in all previous levels, students will be expected to take an integral part in activities, which will extend their proficiency in the language. There will be additional study of Hispanics past and present and excerpts from Hispanic literature.

SPANISH V

Prerequisite – Spanish IV

Open to students in Grade 12

Full year course – 1 credit

Requisito: Español IV o Permiso de la profesora

Los estudiantes practicarán y perfeccionarán sus habilidades avanzadas en la gramática y los fonéticos, comprenderán la literatura hispánica moderna y clásica, podrán defender sus opiniones por utilizar estructuras complejas en sus oraciones escritas y habladas, e incorporarán un estudio completo de las culturas modernas en las Américas y España.

The students will practice and perfect advanced grammatical skills and phonetics, comprehend both modern and classical Hispanic literature, be able to defend their opinions using complex sentence structures using both written and spoken language, and incorporate an in-depth study of modern cultures in the Americas and Spain.

LANGUAGE ARTS (ENGLISH)**LANGUAGE ARTS 9**

Required for Freshmen

Full year course - 1 credit

Students in this course will expand their literacy skills in reading and writing in all four genres: fiction, nonfiction, drama, and poetry. Other areas of concentration will include grammar, vocabulary development, use of reference materials, and speaking skills. Students will be assessed on their mastery of the National Common Core Standards for Ninth-Tenth grade Writing, Reading, Language, and Speech.

LANGUAGE ARTS 10~~**LANGUAGE ARTS 10**~~

Required for Sophomores

Full year course – 1 credit

Students in this course will continue to improve their language skills with a higher level of reading and writing in all four genres: fiction, nonfiction, drama and poetry. Other areas of concentration will include grammar, vocabulary development, use of reference materials, and speaking skills. Students will be assessed on their mastery of the National Common Core Standards for Ninth-Tenth grade Writing, Reading, Language, and Speech.

LANGUAGE ARTS 11

Required for Juniors

Full year course – 1 credit

The main literary focus will be on American Literature. However, students in this course will continue to improve their language skills with a higher level of reading and writing in all four genres: fiction, nonfiction, drama and poetry. Other areas of concentration will include grammar, vocabulary development, use of reference materials, and speaking skills. Students will be assessed on their mastery of the National Common Core Standards for Eleventh-Twelfth grade Writing, Reading, Language, and Speech.

LANGUAGE ARTS 12

Full year course - 1 credit

The main literary focus will be on British Literature. However, students in this course will continue to improve their language skills with a higher level of reading and writing in all four genres: fiction, nonfiction, drama and poetry. Other areas of concentration will include grammar, vocabulary development, use of reference materials, and speaking skills. Students will be assessed on their mastery of the National Common Core Standards for Eleventh-Twelfth grade Writing, Reading, Language, and Speech.

ADVANCED PLACEMENT LITERATURE AND COMPOSITION

Prerequisite – Senior standing with a G.P.A. 3.0 AND instructor approval.

Full year course - 1 credit, (College credit possible)

Course Fee - \$93.00 for cost of AP exam that all students take in the spring.

The curriculum has been developed by the College Board and entails all subjects covered in a first semester college literature class.

Students will conduct in-depth studies of various novels, dramas and poetry. Writing skills are also an integral part of this course.

Students will work to improve their written communication skills. At the end of the course the student will have an opportunity to take a test to earn college credit. Most universities across the country accept AP Literature and Composition for college English credit.

ELECTIVES**CREATIVE WRITING**

Open to students in Grades 11-12

Semester course – ½ credit

This course focuses on the development of the joy inherent in writing creatively. Students will learn to write honestly and effectively in different forms including fiction, narratives, and poetry.

The following elective courses will not count as part of the four language arts credits required for graduation.

DRAMA

Open to students in Grades 9 - 12 with Senior Preference

Semester course - ½ credit

This course is designed to be an introduction to the dynamics of theater as students learn more about public speaking and performing in the public arena. The class will focus on theatre and origins, stage structures, theatre personnel, acting, and different genres of drama. Participation is a requirement of this course. Along with speaking, the other standards in reading dramatic literature, writing, and research will be incorporated according to the Wisconsin State Standards for Theater.

ADVANCED DRAMA

Prerequisite – Completion of Drama with a grade of “C” or better, or Instructor’s consent

Open to students in Grades 11-12

Semester course – ½ credit

This course is designed for the student who wishes to pursue an intense study in the areas of acting and directing. The first part of the class will be studying the theatre history and dramatic literature of the period identified as “modern,” which embraces a time period beginning in the mid-1800s and ending in the 1950s. The second part will provide a basic preparation for an understanding of play directing, its artistry and its craft. Skills will be further developed in reading, writing, and research according to the Wisconsin State Standards for Theater

TECHNICAL THEATRE

Prerequisite – Completion of Drama with a grade of “C” or better, or Instructor’s Consent.

Open to students in Grades 10 - 12

Semester course – ½ credit

Students will be given the chance to explore “behind the scenes” of theatre. Topics covered will include scenery design and construction, lighting, sound, make-up and safety. Concentration will be placed on learning the operations of the technical systems of the Falls Area Performing Arts Center.

VIDEO PRODUCTION TAKE 1

Prerequisite-Completion of English 9 or instructor’s consent.

Open to students in Grades 10 - 12

Semester course – ½ credit

Video Production Take 1 is a video lab course involving basic technical aspects of video production using the entry level editing program iMovie HD. Students will create and produce several basic film genres such as: situational comedy, horror, instructional, action, sci-fi, sports, featured stories, and current school news topics. Students will plan, film, and edit their own footage with some degree of polish to be aired on the school’s cable access channel, Channel 6.

VIDEO PRODUCTION TAKE 2

Prerequisite-Successful completion of Video Production Take 1 with a grade of “C” or better.

Open to students in Grades 10 - 12

Semester course – ½ credit

Video Production Take 2 is a video lab course using digital photography involving more advanced technical aspects of video production. Students will produce short films, television shows and documentaries using multiple cameras. Students will plan, film, and edit their own material and publish their work on DVD.

MATHEMATICS**ALGEBRA I**

Open to students in Grades 9 - 12

Full year course - 1 credit

Students are required to have a graphing calculator for this course. The TI-84 Plus graphing calculator is recommended.

This course focuses on the content standards and the practice standards of the Common Core State Standards for Mathematics using the College Preparatory Mathematics (CPM) curriculum. Course topics include functions, linear relationships, simplifying and solving expressions and equations, systems of equations, sequences, modeling two-variable data, exponential functions, quadratic functions, inequalities, and statistics. *Struggling students may be assigned to an intervention math class.

GEOMETRY

Prerequisite - Algebra I or instructor's consent

Open to students in Grades 10 - 12

Full year course - 1 credit

Students are required to have a graphing calculator for this course. The TI-84 Plus graphing calculator is recommended.

This course continues to focus on the content standards and the practice standards of the Common Core State Standards for Mathematics using the College Preparatory Mathematics (CPM) curriculum. Course topics include transformations, angles and measurements, similarity, trigonometry, probability, congruency, polygons, circles, solids, constructions, and conics.

*Struggling students may be assigned to an intervention math class.

ADVANCED GEOMETRY

Prerequisite - Algebra I or instructor's consent

Open to students in Grade 9

Full year course - 1 credit

Students are required to have a graphing calculator for this course. The TI-84 Plus graphing calculator is recommended.

This course continues to focus on the content standards and the practice standards of the Common Core State Standards for Mathematics using the College Preparatory Mathematics (CPM) curriculum. Course topics include transformations, angles and measurements, similarity, trigonometry, probability, congruency, polygons, circles, solids, constructions, and conics.

ALGEBRA 2

Prerequisite – Geometry or instructor's consent

Open to students in Grades 11 - 12

Full year course - 1 credit

Students are required to have a graphing calculator for this course. The TI-84 Plus graphing calculator is recommended.

This course continues to focus on the content standards and the practice standards of the Common Core State Standards for Mathematics using the College Preparatory Mathematics (CPM) curriculum. Course topics include functions, parent graphs, equivalent forms of expressions, systems of equations, logarithms, sequences, exponential functions, trigonometric functions, statistics, and series.

ADVANCED ALGEBRA 2

Prerequisite – Advanced Geometry or instructor's consent

Open to students in Grade 10

Full year course - 1 credit

Students are required to have a graphing calculator for this course. The TI-84 Plus graphing calculator is recommended. This course continues to focus on the content standards and the practice standards of the Common Core State Standards for Mathematics using the College Preparatory Mathematics (CPM) curriculum. Course topics include functions, parent graphs, and equivalent forms of expressions, systems of equations, logarithms, sequences, exponential functions, trigonometric functions, statistics, and series.

ALGEBRA 2A

Prerequisite – Geometry or instructor’s consent

Open to students in Grades 11 - 12

Full year course - 1 credit

Students are required to have a graphing calculator for this course. The TI-84 Plus graphing calculator is recommended. This course will cover the first semester of the standard Algebra II course. It continues to focus on the content standards and the practice standards of the Common Core State Standards for Mathematics using the College Preparatory Mathematics (CPM) curriculum. Course topics include functions, parent graphs, and equivalent forms of expressions, systems of equations, logarithms, sequences, and exponential functions.

ALGEBRA 2B

Prerequisite – Algebra 2A or instructor’s consent

Open to students in Grades 11 - 12

Full year course - 1 credit

Students are required to have a graphing calculator for this course. The TI-84 Plus graphing calculator is recommended. This course will cover the second semester of the standard Algebra II course. Course topics include conic sections, polynomial functions, rational expressions, exponential and logarithmic functions, sequences and series, trigonometric functions, and probability.

PRE-CALCULUS

Prerequisite - Algebra II or instructor’s consent

Open to students in Grades 11 - 12

Full year course - 1 credit

Students are required to have a graphing calculator for this course. The TI-84 Plus graphing calculator is recommended. This class is for students who are preparing to take calculus using the College Preparatory Mathematics (CPM) curriculum. Course topics include transformations of functions, area under a curve, logarithms, circular functions, limits, periodic functions, rates of change, vectors and parametric equations, and polar equations and complex numbers

ADVANCED PLACEMENT CALCULUS

Prerequisite - Pre-Calculus, G.P.A. 3.5 or better and/or Department Recommendation

Open to students in Grade 12 by placement

Full year course - 1 credit, College credit possible

Course Fee - \$93.00 for cost of AP exam that all students take in the spring.

This course covers the curriculum for first semester college calculus. The curriculum has been developed by the College Board and entails all subjects covered in a first semester college calculus course. The College Preparatory Mathematics (CPM) textbook will be used to support the curriculum developed by the College Board. Topics of both differential and integral calculus are covered. At the end of the course the student will have an opportunity to take the AP Calculus Exam for a chance to earn AP credit. AP credit will be given only if the student achieves a 3 or better on the final AP exam.

STATISTICS

Prerequisite - Algebra 2

Open to students in Grades 11 - 12

Full year course - 1 credit

Students are required to have a graphing calculator for this course. The TI-84 Plus graphing calculator is recommended. This course serves as an alternative to calculus. It is intended for the non-engineering student such as business, social sciences, computer sciences, or liberal arts. The College Preparatory Mathematics (CPM) Statistics curriculum will be used for this course. Course topics include data representations, data analysis, and probability. Students will have the option of taking the AP Statistics exam for a cost of \$93 (this is not a requirement of the course).

NWTC MATH TRADES - A: NWTC

Prerequisite – Geometry or instructor’s consent

Open to students in Grades 11 – 12;

Students enrolled in the technology education course Welding 1 should be enrolled in this class at the same time. Students enrolling in these courses will be placed in the course before other students are allowed to be enrolled.

Semester course – 1/2 credit

This course provides the opportunity for the learner to develop the knowledge, skills, processes and understanding of whole numbers, fractions, decimals, measurement, trigonometry, integers, algebraic equations, word problems, and practical plane geometry. *Students will need to earn a grade of “C” or higher to receive NWTC credit. The credit will be for course #10-804-101, Math 1-Trades. This course will be offered first semester.

NWTC MATHEMATICS: NWTC

Prerequisite – Geometry or instructor’s consent

Open to students in Grades 11 – 12;

Semester course – 1/2 credit

This course provides the opportunity for the learner to develop the knowledge, skills, processes and understanding of whole numbers, fractions, decimals, measurement, trigonometry, integers, algebraic equations, word problems, and practical plane geometry. *Students will need to earn a grade of “C” or higher to receive NWTC credit. The credit will be for course # 10-804-107 College Mathematics. This course will be offered second semester.

ALGEBRA INTERVENTION

Open to students in Grades 9 -10 with instructors consent.

Year course – 1 elective credit (Grade of “Pass” or “Fail”)

Students struggling in algebra will be assigned to this intervention to review and preview topics discussed in Algebra 1.

Students may also receive individual instruction to fill in gaps of understanding as determined by standardized testing. Students must complete a full semester of intervention to be eligible for each ½ credit.

GEOMETRY INTERVENTION

Open to students in Grades 9 -10 with instructors consent.

Year course – 1 elective credit (Grade of “Pass” or “Fail”)

Student struggling in geometry will be assigned to this intervention to review and preview topics discussed in Geometry.

Students may also receive individual instruction to fill in gaps of understanding as determined by standardized testing. Students must complete a full semester of intervention to be eligible for each ½ credit.

**All intervention classes are elective classes and do not fulfill the math graduation requirement.

MUSIC

Band and Choir students are required to participate in all activities which involve the entire ensemble. This includes all concerts and large group festival and/or clinic.

Band: Band uniforms and hats are provided to each student by the district. Black shoes are required to be purchased by the student. Individual instruments are the responsibility of each student, unless arrangements are made through the band director.

Choir: Concert attire (formal concert dress/tuxedo ensemble) is the responsibility of each student, unless arrangements for special situations are made through the choir director. Black shoes are required to be purchased by the student.

SYMPHONIC BAND

Open to students in Grades 9 – 12

Full year course - 1 credit

The instrumental music program provides development of performance skills: technical, stylistic, expressive, musical sensitivity and sight-reading. Required performances are held throughout the year.

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CLASSICAL GUITAR ENSEMBLE

Open to students in Grades 9-12

Full year course – 1 credit

The Classical Guitar Ensemble course focuses on guitar basics, including reading classical music notation. Students will have the opportunity to perform throughout the year. All students will need to provide their own classical guitar and tuner. This class is designed for beginning guitar students only.

CONCERT CHOIR

Open to students in Grades 9-12

Full year course - 1 credit

The vocal music program provides development of performance skills with varying degrees of difficulty. Concert Choir will focus on quality repertoire and the basics of vocal music, including vocal technique, sight reading, music terminology, and musicianship. Required performances will be held throughout the year.

CHAMBER SINGERS

Open to students in Grades 11 - 12

Prerequisite: Instructor's placement

Full year course - 1 credit

The vocal music program provides development of performance skills with varying degrees of difficulty. Chamber Singers will focus on advanced choral repertoire, vocal technique, sight-reading, music terminology, and musicianship. Required performances will be held throughout the year.

CANTABILE

Open to students in Grades 10-12

Prerequisite: Instructor's placement

Full year course - 1 credit

The vocal music program provides development of performance skills with varying degrees of difficulty. Cantabile will focus on advanced SSA choral repertoire, vocal technique, sight reading, music terminology, and musicianship. Required performances will be held throughout the year.

CHORALE

Designed for students in Grades 9–12

Prerequisite: Instructor's placement

Full year course - 1 credit

The vocal music program provides the development of performance skills with varying degrees of difficulty. Chorale will focus on quality TTBB choral repertoire, vocal technique, sight reading, music terminology, and musicianship. Required performances will be held throughout the year.

MUSIC THEORY I

Open to students in Grades 9 - 12

Semester Course - ½ credit

This course is designed as an introduction to the written and aural aspects of music theory, especially designed to developmentally and sequentially study the fundamentals of music theory. This course lays an excellent foundation for students interested in learning more about theory fundamentals and music composition through the use of computer technology.

MUSIC THEORY II

Prerequisite - Music Theory I

Open to students in Grades 9 - 12

Semester Course - ½ credit

This course building on the material presented in Music Theory I. Students will develop skills necessary to apply the advanced principles of form and analysis to music composition.

MUSIC HISTORY –BAROQUE AND CLASSICAL MUSIC

Open to students in Grades 9 - 12

Semester course - ½ credit

This course is designed to introduce the student to music of the Medieval Period (500 A.D. - 1450 A.D.), Renaissance Period (1450 A.D.-1600 A.D.), Baroque Period (1600 A.D.-1750 A.D.), and Classical Period (1750 A.D.-1820 A.D.). Discussions will focus on composers and their music, historical perspectives, general characteristics, and artistic styles.

MUSIC HISTORY –ROMANTIC PERIOD AND TWENTIETH CENTURY MUSIC

Open to students in Grades 9 - 12

Semester course - ½ credit

This course is designed to introduce the students to music from the Romantic Period (1820 A.D.-1900 A.D.) to the Twentieth Century (1900 A.D.-Present). Discussions will focus on composers and their music, historical perspectives, general characteristics, and artistic style.

PHYSICAL EDUCATION AND HEALTH

Three PE classes (1.5 credits) taken over three years, are required for graduation. Certain PE classes may be taken more than once for credit.

FRESHMAN PHYSICAL EDUCATION

Designed for students in Grade 9

Semester course - ½ credit

This course consists of a variety of individual and team activities such as volleyball, soccer, archery, football, badminton, speedball, basketball, weight training, softball, cooperative games, snow activities and physical fitness testing.

TEAM SPORTS

Prerequisite – Recommend Freshman Physical Education

Designed for students in Grades 10-11

Semester course – ½ credit

This course will consist of units in team sports such as volleyball, basketball, soccer, speedball, softball, floor hockey, cooperative games, thro-ton, football, snow activities, fitness and physical fitness testing.

NETS TO YOU

Prerequisite- Recommend Freshman Physical Education

Designed for students in grades 10-11

Semester course - ½ credit

This course consists of activities in physical education that revolve around nets, such as badminton, pickle ball, speedball, soccer, floor hockey, volleyball, basketball, table tennis, cooperative games, snow activities, fitness and physical fitness training.

LIFETIME SPORTS 10-11

Prerequisite – Recommend Freshman Physical Education

Open to students in Grades 10-11

Semester course – ½ credit

This course consists of individual and team sports that the student will experience through their lifetime, such as bowling, archery, volleyball, softball, basketball, football, badminton, table tennis, croquet, snow activities, frisbee golf, snow activities, cooperative games, fitness and physical fitness testing.

PERSONAL FITNESS/WELLNESS

Prerequisite – Recommend Freshman Physical Education

Open to students Grades 10-12

Semester Course – ½ credit (can count towards a physical education requirement or an elective credit)

Students are able to take this course more than once for credit

An individualized program that will focus on nutrition, weightlifting, cardiovascular fitness, stretching, yoga, personal well-being, snow activities, stress management and weight management.

CONDITIONING AND STRENGTH TRAINING

Pre-requisite – Recommend Freshman Physical Education

Open to students in Grades 10 - 12

Semester course – ½ credit elective (can count towards a physical education credit or an elective credit)

A program that works on several areas for individual fitness and wellness, included are: Weightlifting, conditioning, plyometrics, and some nutrition. Students are able to take this elective course more than once for credit.

LIFETIME SPORTS 12

Open to students in Grade 12

Semester course – ½ credit

This course consists of units in lifetime sports. Units will strive to master skills and techniques while performing at a competitive level. A student that has displayed a good attitude, sportsmanship, is self-disciplined, and has good work ethics can take this course.

HEALTH EDUCATION

Required for Juniors

Semester course – ½ credit

The course studies the following health areas: Wellness, mental and emotional health, human growth and development, death and dying, sexually transmitted infections, adult CPR and standard first aid.

MAKING OF A CHAMPION

Open to students in Grades 9 - 12

Semester course - ½ Credit

A leadership and personal development class. The objectives are to empower self, develop strategies for problem solving, decision making, and goal setting, to resist negative peer pressure, and direct life into positive, fulfilling and productive directions. Topics include: personal assessment, motivation, desire, potential, goals and goal setting, dedication, making a commitment, work preparation for success, personal empowerment, confidence, visualization, courage, pride, perspective, determination, positive attitude, and neuro-linguistic programming.

SCIENCE

All lab courses require use of safety goggles. All courses require participation in the annual STEM Symposium.

HIGH SCHOOL SCIENCE

Open to students in Grade 9

Full year course - 1 credit

Introductory science course containing thematic units relating to all aspects of science; including physics, biology, chemistry, earth science, and ecology. Course is designed to address preparation for standardized tests and upper level science courses. This course is intended for those students who struggle academically and want to strengthen their science understanding before taking Biology. Enrollment is limited.

BIOLOGY

Open to students in Grades 9 - 10

Full year course - 1 credit

Class fee – students must purchase safety goggles.

Biology guides students through the study of living and non-living systems and how they interact with one another. Students explore the world they live in by posing questions and seeking answers through scientific inquiry. Discovery takes place through observation and data collection. The students will be introduced to the structure, function, diversity, and evolution of living matter. This is a course with real relevance. It encourages curiosity and provides opportunity for students to work on hands on lab activities and develop relationships through collaboratively learning. Engaging in the study of biological science broadens the picture of the world around us.

ADVANCED PLACEMENT BIOLOGY

Prerequisites - One year C.P. Biology (grade of B or better) or Biology (grade of A), and a G.P.A. 3.0 or better and/or Department Recommendation. CP Chemistry must be taken previously or taken concurrently.

Open to students in Grades 11 – 12, exceptions may be made by instructor for select sophomores who meet requirements.

College credit possible by examination

Full year course - 2 credit (class will run two consecutive hours)

Course Fee - \$93 for cost of AP exam. Students are also responsible for purchasing textbook and workbook. (Prices vary depending upon online source.)

This course is for those students who have explored the full range of science offerings and now want to concentrate in one area of study. It is an intense study in Biology helping prepare the student to take the Advanced Placement test in Biology, which is required. AP credit will be given only if student achieves a 3 or better on the final AP exam.

COLLEGE CREDIT UWGB HUMAN BIOLOGY

Open to students in Grades 10-12. Offered in alternating years with AP Biology

Prerequisite – 3.0 GPA or better, and consent of instructor

Full year course: Dual Credit Course: UW-Green Bay (Three credits in General Education)
Oconto Falls High School (One credit in Science)

Associated costs -- \$300.00 tuition credits to plus textbooks (approx. \$140). Tuition is subject to change.

This course provides the student with a broad overview of biology with respect to humans. It is designed to explore human biology as a process, evolution, energy transfer, continuity and change, relationship of structure to function, regulation, interdependence in nature, and the unified understanding of the human biology as it pertains to science, technology, and society. This course provides lectures and lab experiences which challenges students to think scientifically as well as increasing all aspects of scientific literacy.

CHEMISTRY

Prerequisites - H.S. Science, Algebra I or concurrent enrollment in Algebra I with grades of B- or better

Open to students in Grades 10 - 12

Full year course - 1 credit

This is the course for all students planning on pursuing further education and designed to meet Technical School and University level Chemistry objectives. This is an accelerated introductory course in chemistry. The course covers a number of topics, including atomic chemistry, chemical bonding stoichiometry, physical parameters, and applied mathematics. Good laboratory techniques are required and used. A scientific calculator and chemical splash goggles are required.

ADVANCED CHEMISTRY

Prerequisite – students must be juniors or seniors and have passed Chemistry.

Semester course – ½ credit

Advanced Chemistry prepares students for further study in science at a college level. The course allows for an in-depth study of the physical principles and concepts, extending what are taught in Chemistry. Biochemistry and organic chemistry will also be explored. Students are required to demonstrate an understanding of the principles through applications and lab situations. Scientific Calculator and chemical splash goggles are required.

PHYSICS

Prerequisites – High School Science, Algebra 1

Open to students in Grades 10 - 12

Full year course - 1 credit

Physics will be using mathematics and conceptual theory to explain the physical world. First semester will cover forces and motion, while second semester will cover waves and electricity. This class is highly recommended for students planning on attending a 4-year university.

ADVANCED PLACEMENT PHYSICS 1

Prerequisites – Algebra II

Open to students in Grades 11 -12 by placement

College Credit possible by examination

Course Fee – \$93 for cost of AP exam. Students are also responsible for purchasing textbook and workbook. (Prices vary depending upon online source.)

Full year course – 1 credit

AP Physics 1 is equivalent to a first-semester college course in algebra based physics. The course will cover Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. AP credit will be given only if student achieves a 3 or better on the final AP exam.

ADVANCED PLACEMENT PHYSICS 2

Prerequisites – Algebra II, AP Physics 1

Open to students in Grades 11 -12 by placement

College Credit possible by examination

Course Fee – \$93 for cost of AP exam. Students are also responsible for purchasing textbook and workbook. (Prices vary depending upon online source.)

Full year course – 1 credit

AP Physics 2 is equivalent to a second-semester college course in algebra based physics. The course will cover fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. AP credit will be given only if student achieves a 3 or better on the final AP exam.

ANATOMY & PHYSIOLOGY

Prerequisite - 2 years previous Science courses and at least a B average in Biology.

Open to students in Grades 10 - 12

Semester course - ½ credit

Detailed investigation into the major systems of the human body. The location, structure and function of the major organs of the human body and their role in maintaining life. Recommended for those students interested in pursuing a career in Veterinary Science, doctor, nurse, athletic trainer, physical/occupational therapist, physical education, and any other biological/health related fields.

ASTRONOMY

Prerequisite - 2 years previous Science courses

Open to students in Grades 10 - 12

Semester course – ½ credit

This is a conceptually based course that will study the relationships between planets, stars, constellations, galaxies and other stellar objects in the known universe. The course will also study the theoretical beginnings and endings of galaxies, universe, and us.

GENETICS

Open to students in Grades 11 – 12

Semester course – ½ credit in Science

This course will deal with the genetics of people, plants and animals. Students will explore different crosses of plants through experiments and labs. Students will determine differences in generations and be able to plot and map future generations of plants. Students will be investigating DNA, mitosis and meiosis, and demonstrating how dominance has an effect on genes. Students will see the effects of genetics on humans and animals. Students will work with principles of biotechnology, including crime scene investigation and electrophoresis. Students will also see how genetics has played a role in society and how it will continue to create discussions. This course will be offered for Science credit. This course may be offered in the distance education lab by an Oconto Falls instructor. This course will also address FFA and Supervised Agricultural Experiences

BIOTECHNOLOGY

Open to students in Grades 11 – 12

Pre-requisite: Biology or CP Biology

Semester course – ½ credit in Science

This science based laboratory course deals with using scientific processes to create new organisms or new products from living organisms. Some of the laboratory work will include studies with cloning, plant tissue culture, ELISA testing of genetic traits, DNA extraction from plant and animal materials, phenotype experiments, artificial insemination, embryo transfer, product fermentation, yeast studies and insect studies. Students will learn how to complete electrophoresis using different DNA, forensic testing and other DNA sampling. In addition, issues related specifically to the biotechnology industry, such as understanding the product development process, ethical, legal and social concerns will be addressed. Other equipment students may use are hot plates, pipettes, incubators and water baths. This course will be offered for science credit. This course may be offered in the distance education lab by an Oconto Falls instructor. This course will also address FFA and Supervised Agricultural Experiences

ENVIRONMENTAL IMPACT

Open to students in Grades 9-11

Semester course – ½ science credit

Course will be offered every other year starting 2013/2014

In this course students will study environmental science from a service learning perspective. How do we as individuals make a positive lasting impact on the community that we are a part of? Learn how to take a scientific look at our society and world and use environmental science to solve the problems we face now and in YOUR future. Students will

experience hands on labs that utilize cutting edge technology including the brand new Venier Labquest 2. IMPACT: Intelligent Modern People taking Action through Conservation and Technology.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

Open to students in Grades 10-12

Full year course - 1 credit (offered every other year starting 2014/2015)

Course Fee - \$93 for cost of AP exam. Students are also responsible for purchasing textbook and workbook. (Prices vary depending upon online source.)

This is a rigorous, lab-based environmental course for students with an interest in our natural world. Environmental Science will cover the interrelationships of the natural world as outlined in the AP Environmental Science course description from The College Board. Environmental problems and alternative solutions for resolving and/or preventing them will be examined. Advanced Placement Environmental Science is an interdisciplinary experience; it embraces a wide variety of topics from different areas of study. Field trips are planned for environmental experiences. Students will sit the AP exam in May.

AQUACULTURE SCIENCE

Open to students in Grades 10-12

Course Fee: \$10.00

Semester course – ½ science credit (offered every other year starting 2013/14)

In this course students will study the scientific production of aquatic plants and animals.

Hydroponics is the growing of plants in water instead of soil. Members of this class will be instrumental in developing a hydroponics system for lettuce and tomato production in the agriculture department to supplement production in the greenhouse. The students in this class will be charged with managing the aquatic organisms growing in the Ag department; this may include: saugeye, yellow perch, bluegill, tilapia, freshwater shrimp, kelp, and water cress.

VETERINARY SCIENCE

Open to students in Grades 10 - 12

Semester course – ½ Science credit

Veterinary Science explores the career field of animal medicine. Students will learn hands on the job of a veterinarian. Laboratories involving animal surgeries and care techniques will be included. Students will study different animal body systems and learn how medical techniques affect each system. Animal evaluation, disease diagnosis, animal handling, and vaccinations will all be covered. Student may work with a local veterinarian in a job shadow program, seeing the day to day work schedule involved. Animals to be studied include cattle, horses, pigs, sheep, cats, dogs and exotic pets. This course may be offered in the distance education lab by an Oconto Falls instructor. This course will also address FFA and Supervised Agricultural Experiences.

PRINCIPLES OF ENGINEERING

Open to students in Grades 10-12

Full year course – 1 credit

Prerequisites: A passing grades of 'C' or better in Freshman Science and Algebra 1

This course helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. This is the first course in an engineering sequence under the Project Lead the Way curriculum. More information available at <http://www.pltw.org/index.cfm>. College credit is available through NWTC and Milwaukee School of Engineering by examination at the conclusion of the course.

MEDICAL TERMINOLOGY - RMIN

Open to students in Grades 11-12

Semester course – ½ Science credit

Prerequisite: Successful completion of Biology

This course provides the opportunity for the learner to develop the knowledge skills process and understanding of the component parts of medical terms: prefixes and suffixes, and word roots. Students will practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition, and pronunciation. Introduction to operative, diagnostic, therapeutic, and symptomatic terminology of all body systems, as well as systemic and surgical terminology. *Students will need to earn a grade of “C” or higher to receive NWTC credit. The credit will be for course # 10-501-101 Medical Terminology.

SOCIAL STUDIES

WORLD HISTORY

Required for students in 9th Grade

Full year course – 1 social studies credit

World History is a survey course providing a general overview of the modern world since the Renaissance. The course is organized around the themes of revolution, industrialization, imperialism and nationalism as major forces in world history. Other major themes include continuity and change, geography and history, political and social systems, religion and value systems, economics and technology, diversity, impact of the individual and global interaction between nation-states. Current events are also an important focus.

AMERICAN GOVERNMENT/U.S. HISTORY I

Required for students in 10th Grade

Full year course - 1 social studies credit

This course focuses on the political, cultural and social history of the United States from reconstruction of the South following the end of the Civil War through the Korean War (1875-1955). The course is arranged to help students acquire a greater understanding of the political history of the United States and its emerging role as the dominant power in world affairs during the first half of the twentieth century. Major themes include constitutional concerns, cultural diversity, pursuing the American Dream, immigration and migration, economic opportunity, geography, science and technology. By studying the political, social, economic and aesthetic dimensions of United States history, students will begin to make linkages between the past and present.

U.S. HISTORY II/ECONOMICS

Required for students in 11th Grade

Prerequisite –U.S. History I or instructor’s consent

Full year course – 1 social studies credit

The first part of this course provides students with understanding of American History since World War II to the present. Students will learn of the United States’ role as the dominant super-power and lead nation among the democratic societies of the world. Special emphasis is given to the “Cold War,” civil rights struggles and cultural diversity, social changes of the 1960s, U.S. involvement in Indochina, the expanding role of women, economic cycles and changing technology as America enters the Information Age at the dawn of the 21st century. Current events are a major focus of class discussion. The second part of this course provides students with a study of the American economic system. Emphasis is on a reasoned and conceptual approach to economic understanding and decision making. Major areas of concentration include concepts of scarcity, supply and demand, markets, business organization, monetary and fiscal policy. Current economic affairs are constantly interjected as they facilitate and contribute to the student’s role as a producing and consuming member of the American economic system.

Associated costs: \$5 per student for team registration in Wisconsin Stock Market Simulation learning activity and project.

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COLLEGE CREDIT U.S. HISTORY

Elective for college-bound seniors.

Prerequisite – 3.0 GPA or better, and consent of instructor

Full year course

Dual Credit Course: St. Norbert College (Four credits in History/Humanities at SNC.)
Oconto Falls High School (One credit in social studies.)

Associated costs -- \$180 tuition to St. Norbert College plus textbooks (approx. \$60)

This St. Norbert College course to qualifying college-bound seniors provides the opportunity to earn four college credits in the humanities discipline while still in high school. Taught by an Oconto Falls High School faculty member, this course provides an overview of the political, socioeconomic, cultural, and diplomatic development of the United States from its pre-Columbian origins to the present. Through lectures, discussions, debates and reactions, demonstrations, reading assignments and quizzes, examinations, guest speakers and videotapes, the course challenges the student to read, write, speak, and learn toward better understanding of his or her heritage. Successful completion results in college credit at SNC and transfer of credits to dozens of colleges and universities by arrangement through St. Norbert College.

20TH CENTURY CONFLICTS AND CRISES

Elective for students in 12th Grade

Semester course – ½ credit

This course is meant for students desiring a deeper understanding of major events defining and shaping the 20th century. Two major themes are explored and understood – the Holocaust and U.S. involvement in World War II; and the Vietnam War and its impact on American foreign and domestic policies. Critical thinking skills are emphasized as well as classroom discussion and debate. Significant reading assignments are a part of this course. Guest speakers will round out important social, political and character issues. The Vietnam Era specifically will incorporate elements of historical research and local history.

SOCIAL ISSUES - NWTC

Elective for students in 11th or 12th Grade

Prerequisite – 2.50 GPA or better or consent of instructor

Semester course - ½ credit

Sociology is the study of human behavior and society. Emphasis introduces students to the scientific study of human groups, the cultures and individuals they create and the processes of social evolution. Attention is directed to historic and contemporary societies, discussing human culture and factors influencing cultural diversity. Contemporary behavior and social conflict is also investigated. Current social problems afford opportunities to focus on issues that shape American society and culture.

{transcribed NWTC credit will be earned if grades of B- or better are earned.}

COLLEGE CREDIT/ADVANCED PLACEMENT PSYCHOLOGY (UWGB PSYCHOLOGY 102)

Prerequisites – Minimum 3.0 GPA, and consent of the Instructor.

Elective for students in 11th or 12th Grade

Year-long Offering – 1 credit OFHS, students will also earn 3 credits from UW – Green Bay

Associated Costs: This course is a UW-Green Bay course offering and requires the purchase of a textbook (approximately \$93.00) and payment of a course fee of \$300.00. Tuition is subject to change by university.

The purpose of Psychology 102 is to introduce students to the systematic and scientific study of behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major subfields within psychology. They also will build an understanding of behavior from the psychophysiological, cognitive, social, and clinical perspectives; important issues, methods, and findings in the study of the psychological process.

Major content areas covered by the AP examination include, history and approaches, research methods, biological bases of behavior sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders,

and social psychology. Coursework will include college level reading and writing, individual and group laboratories and projects supplemental summer reading, and journaling.

Successful completion results in college credit at UWGB and transfer of credits to dozens of colleges and universities.

AP EUROPEAN HISTORY

Open to students in Grades 10 – 11, exceptions may be made by instructor for selection of freshmen who meet requirements.

College credit possible by examination.

Prerequisite – will be determined by a combination of criteria: a score of proficient or advanced on the WKCE in Social Studies, a passing score on an AP pretest, and/or a teacher referral indicating the ability to succeed in the course.

Full year course - 1 credit

Course Fee - \$93 for cost of AP exam. Students are also responsible for purchasing textbook and workbook. (Prices vary depending upon online source.)

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. This course explores the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse.

INTRODUCTION TO PSYCHOLOGY

Prerequisites – 2.5 minimum GPA or consent of instructor

Open to students in Grades 11- 12

Semester course – ½ credit

The Introduction to Psychology course is designed to introduce students to the study of the behavior and mental processes of human beings and other animals. Students will be exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They will also learn about the ethics and methods psychologists use in their science and practice. Major content areas covered include, history and approaches, research methods, biological bases of behavior, states of consciousness, learning, cognition, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders, and social psychology. This course may be offered in the distance education lab by an Oconto Falls instructor.

SEMINAR IN SOCIAL STUDIES (OFFERED DURING ELECTION YEARS)

Elective for students in 11th or 12th grade

Semester course – ½ credit

Seminar in Social Studies is intended for serious students of the social studies who seek to understand the broader context of important social issues and problems of our times. Because this course is offered during the election year, the political implications of the current elections will constitute a thread throughout this course. Major themes include: political theory of the United States, constitutional issues, federal and state elections, current issues in U.S. policy (foreign and domestic), social problems and solutions. Readings, discussion, and debate will shape much of the course work. This is a writing-emphasis course, with essay examinations and small research papers.

CIVIC LEADERSHIP

Open to students in Grades 10-12

Semester course – ½ credit

Some of the most important skills students need when leaving school can be learned through the ideas of civic leadership. This list includes skills such as leadership and responsibility, communication and collaboration, critical thinking and problem solving, flexibility and adaptability, initiative and self-direction, and social and cross-cultural skills. All of these skills can be learned through the hands-on activities of civic leadership. Topics to be covered in this course may include, but would not be limited to: what it means to be a leader; how to set goals; how to work with a team; how to make decisions and solve problems; how to manage time and be organized; various forms of communication; the importance of service; and the importance of civic engagement in the world today. Students will be engaged in activities in and outside the classroom that would make them better prepared citizens for the world they will enter outside of high school. They will make connections within the community and surrounding areas as well as working as a cohesive group to make things happen.

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CIVIC LEADERSHIP 2

Open to students in Grades 10-12 who have completed Civic Leadership 1 with a C or higher

Semester course – ½ credit

Collaboration with Career and Technical Education Classes will be an integral part of this curriculum. Students in this course will put into action the skills they learned in Civic Leadership 1, and those skills introduced by the other leadership organizations in the high school. Helping facilitate activities with the Civic Leadership 1 class, freshman orientation activities, and being active members in student organizations with leadership responsibilities are examples of opportunities that students will have to increase their leadership potential in the high school and community. Students will also use their leadership skills to research, plan, and implement a sustainable service learning project/program.

Over the course of the semester, students will be engaged in activities in and outside the classroom that would continue to make them better prepared citizens for the world they will enter outside of high school. They will make connections within the community and surrounding areas as well as working as a cohesive group to make things happen. Coursework would include hands-on activities and involvement and basic writing assignments and evaluations.

COURSE DESCRIPTIONS FOR CLASSES OFFERED THROUGH SPECIAL EDUCATION

Special education includes supports and services necessary for a student with disabilities to participate and progress in the general education curriculum and to successfully transition from high school to a post-secondary environment.

***All classes are open only to students who are presently in a special education program.**

***Permission to participate in classes must be determined and given by the student's case manager.**

SPECIAL EDUCATION ART

GENERAL ART

Open to students in Grades 9 - 12 by placement

Full year course - 1 credit

Individual lessons for each project for each student. Group projects designed for individual needs and concerns.

SPECIAL EDUCATION ENGLISH

TRANSITIONAL ENGLISH

Open to students with recommendation of case manager

Full year course - 1 credit

This course is designed for students who test at the Minimal level on standardized testing in reading and language. It provides instruction to promote the basic skills of vocabulary development, reading comprehension, written language, and oral expression.

GENERAL ENGLISH 1

Open to students with recommendation of case manager

Full year course – 1 credit

This course will help students to develop their writing skills, concentrating on grammar, vocabulary, and the usage of reference materials. The students will also be introduced to literature.

GENERAL ENGLISH 2

Open to students with recommendation of case manager

Full year course – 1 credit

This course focuses on speech communication, with an emphasis on listening skills, verbal communication, and vocabulary development. Novel reading will be introduced, as well as different types of writing – narrative, descriptive, and persuasive. Essay writing using topic sentences, supporting sentences, and transition sentences will be emphasized.

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GENERAL ENGLISH 3

Open to students with recommendation of case manager

Full year course – 1 credit

This course is a study of short literary works, including short stories - fiction and nonfiction, and novel reading. Grammar skills and vocabulary development will be emphasized.

GENERAL ENGLISH 4

Open to students with recommendation of case manager

Full year course – 1 credit

This will be a review of grammar, punctuation, spelling, paragraph writing, business techniques, novel reading, and transition skills for after high school.

SPECIAL EDUCATION MATH

Some students who have shown to have a math disability are not required to take Algebra I. All students exempt from taking Algebra I are required to obtain a minimum of three credits in other math classes which may include: Life Skills Math, Pre-Algebra, and Consumer Math.

GENERAL PRE-ALGEBRA

Open to students with recommendation of case manager

Full year course – 1 credit

This course is designed to strengthen a student's problem solving skills and will include instruction designed to provide students with the skills necessary to move into Algebra 1, Algebra 1a, or Consumer Math.

GENERAL ALGEBRA

Prerequisite – Placement

Open to students in Grades 9 - 10

Full year course – 1 credit

This course will cover the content of first semester of Algebra I but will be taught over the entire year. Students will have more time to work with basic algebraic concepts. Students are required to have their own scientific calculator.

CONSUMER MATH

Open to students with recommendation of case manager

Full year course - 1 credit

This course is designed to provide students with the skills necessary to become confident consumers. Instruction is intended to prepare students for both the TABE and Accuplacer exams. Concepts covered will include: Fractions, Decimals, Percentages, Algebraic Concepts, Geometry concepts, Credit and Budgeting.

SPECIAL EDUCATION SOCIAL STUDIES

GENERAL SOCIAL STUDIES 1

Open to students with recommendation of case manager

Full year course – 1 credit

This course is a survey course looking at World History. The course examines the relationship of industrialization, imperialism, nationalism, and militarism as it influenced the fall of older nations and the rise of new nations. Also covered will be information on geography, politics, religions, and economics. Interaction between nations in the past will be conveyed to understanding our world of today. Paragraph to 5 paragraph essay writing with historical content will be introduced.

GENERAL SOCIAL STUDIES 2

Open to students with recommendation of case manager

Full year course – 1 credit

This course is a study of current U.S. History, Reconstruction to WWII. It includes the changing role of the U.S. in world affairs. Various issues include cultural diversity, foreign affairs, technology, and discussion of domestic and global problems. Essay writing will be a part of showing knowledge of the historical content.

GENERAL SOCIAL STUDIES 3

Open to students with recommendation of case manager

Full year course – 1 credit

This course is a study of the interdependence of government and the economy of the United States, and the comparative study of other government and economic systems. It examines U.S. History from 1945 to the Present. Historical paragraph and essay writing is emphasized.

HISTORY OF WISCONSIN

Open to students in grades 11-12; with recommendation of case manager

Full year course – 1 credit

This course will be designed as an elective for Special Education students who wish to learn more about Wisconsin History. Topics covered will include the geography of Wisconsin, Native American tribes of the area, and early European settlement and control of the territory. Also studied will be Wisconsin's ascent to statehood, industry and agriculture of the state, immigration and its effects on the state, and Wisconsin's role in American and World conflicts. We will also explore the numerous historical and places of tourist interest in Wisconsin.

SPECIAL EDUCATION SCIENCE

BASIC SCIENCE with recommendation of case manager

Full year course – 1 credit

This course offers a comprehensive, systematic overview of key scientific concepts. It is especially useful for students who require extra attention or need additional assistance. Fundamental concepts are presented in easily manageable segments.

SPECIAL EDUCATION ELECTIVE

TRANSITION SKILLS

Full year course – 1 credit

The purpose of this class is to teach special education students to learn about their specific disabilities and how it affects their specific transition goals as outlined in the post-secondary transition plan. This class will give instruction and activities that will support and teach students how to navigate different support systems to better prepare them to be college and career ready.

TECHNOLOGY EDUCATION

DRAFTING I

Open to students in Grades 9 - 12

Full year course - 1 credit

Drafting I is designed to enable the student to communicate ideas and images through a variety of mechanical drawings, using computer aided drafting. Design projects enable students to enhance their creativity, accuracy and problem solving skills. Students will develop a good foundation in computer aided drafting (AUTOCAD 2016, Inventor Professional, & Revit 2016). This course is intended for any student considering a career related to engineering, architecture, interior design, mechanical design, or any field that requires the ability to read or produce blueprints.

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DRAFTING II

Prerequisite - Drafting I

Open to students in Grades 10 - 12

Full year course - 1 credit

Semester I consists of introduction to architectural drawing in which students design a house to suit a lot of their choice and design floor plans and elevations. Semester II exposes the student to a variety of mechanical design areas including: auxiliary views, revolutions, cams, gears, fasteners, pattern development and sections.

ARCHITECTURAL DRAFTING

Prerequisite - Drafting I & II

Open to students in Grades 11 - 12

Full year course - 1 credit

This course is intended for the student who is serious about a career related to architecture. A home will be designed and plans will include: all floor plans, electrical, dimensioning, wall sections, door and window schedule, elevations, and site plans. A scale model home may be built from the plans. AUTOCAD 2016 and AutoDesk Revit 2016 software will be used throughout the course.

MECHANICAL DRAFTING

Prerequisite - Drafting I & II

Open to students in Grades 11 - 12

Full year course - 1 credit

This course is for the student who is considering a career related to mechanical design. Projects are more in-depth and job related than previous drafting classes. Blueprints and machine parts are used extensively for projects. Students will spend a majority of the year using computer-aided drafting (AUTOCAD 2016, Inventor Professional).

METALWORKING TECHNOLOGY I:

Open to students in Grades 9-12

Full year course – 1 credit

Project fee required: \$30 to pay for class projects

In this one-year course, students are introduced to metalworking technology, fabrication, sheet metal, drilling, grinding, sandblasting, foundry, and laser engraving. Several projects are completed throughout the year using various machines. This introductory course will familiarize students with hand tools, precision tools, and machines related to metal fabrication.

METALWORKING TECHNOLOGY II:

Prerequisite – Metalworking Technology I

Open to students in Grades 10-12

Full year course – 1 credit

Project fee required: \$20.00 to pay for class projects

In this one-year course, students are introduced to metalworking technology and machine operation (e.g., lathe, vertical mill, drill press, band saw, benders, surface grinder). Several projects are completed throughout the year using these various machines. This second level course will familiarize students with hand tools, precision tools, and machines related to machining processes and techniques.

MACHINE TOOL TECHNOLOGY:

Prerequisite – Metalworking Technology II

Open to students in Grades 11-12

Full year course – 1 credit

Project fee required: \$20.00 to pay for class projects

In this one-year course, students are introduced to advanced machining processes and techniques using various machines (e.g.,

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lathe, vertical mill, drill press, band saw, surface grinder foundry, laser). Several projects are completed throughout the semester. The second semester allows the students in the class to organize a company to mass produce a product. Students will learn manufacturing systems, materials, processes, management, enterprise, and automated machining.

COMPUTER AIDED MACHINING (CAM):

Prerequisite – Machine Tool Technology

Open to students in Grades 12

Full year course – 1 credit

Project fee required: \$20.00 to pay for class projects

This one-year course is designed for advanced metalworking students. The students should have the basic fundamentals of drafting and metalworking. The purpose of this course is to introduce the concepts of CAM. Each student will learn how to design a part, assign tool paths, and enter data into a controller in order to produce a part. Students will perform these processes on various CNC equipment (e.g., vertical mill, lathes, router, plasma cutter, and laser). This course will give students an understanding, as well as a hands-on opportunity to work with computers in a practical sense related to the field of manufacturing.

WELDING 1 - NWTC

Open to students in Grades 11 - 12

Full year course – 1 credit

Project fee required: \$40.00 to pay for gloves, welding jacket, and goggles

This is an introductory course in SMAW and oxy-acetylene gas, cutting resistance, soldering, and brazing. Other areas of emphasis include safety, physics of welding and weld joints and positions. Basic skills for additional welding classes and basic skills for entry level occupations requiring welding skills will be taught. It is recommended that student in this class also take Trades Math 1 at the same time. *Students will need to earn a grade of “C” or higher to receive NWTC credit. The credit will be for courses # 31-442-301 023408 Welding-Cutting/Visua (1 credit) and # 31-442-342 059760 Shielded Metal Arc Welding 1 (1 credit).

WELDING 2

Prerequisites – Welding I

Open to students in Grade 12

Class Fee required: \$20.00

Full year course – 1 credit

Project fee: there is no fee, although students will need to have gloves, jacket and goggles supplied in Welding I & II

The purpose of this course is to stimulate an industrial setting. Students will be brought together from different areas in the technology education department and allowed to work together dealing with day to day business situations. Projects to be constructed will be defined, sketched, drawn to scale, and dimensioned. Students will then work out a bill of materials, cost estimates, and timeline for construction. The course will be team facilitated by instructors and students will also work in teams to construct projects of their choice. Students will use MIG, TIG, Plasma Cam and other welding operations to fabricate their projects. The end result will be a professionally designed and fabricated project suitable for sale. Also Arc Gouging, Flux-cored welding and cutting of structural steel. Students may have the option of getting certified in flux-cored welding.

*Students will need to earn a grade of “C” or higher to receive NWTC credit. The credit will be for course # 31-442-359 Gas Tungsten Arc Welding 1 (1 credit).

SMALL ENGINES I

Open to students in Grades 11 - 12

Semester Course - ½ credit

Project fee required \$40.00 to pay for manual and personal protective equipment.

Small engine safety, parts identification, and use of repair manuals. Units covered include service, troubleshooting, repair and basic fundamentals of small engine operation. Disassembly and assembly of a horizontal B/S and vertical Tecumseh engine.

INDUSTRIAL WELDER TRAINING

Open to students in Grade 12

Prerequisite – Welding I

Full Year Course – 1 credit

Class Fee required: \$20.00

The Industrial Welder training will prepare students to enter the work force upon graduation of high school. Emphasis will be placed on industrial safety and working in an industrial environment. Students will study Math for welders including metric measurement and blue print reading. Also Arc Gouging, Flux-cored welding and cutting of structural steel. Students may have the option of getting certified in flux-cored welding.

SMALL ENGINES II

Prerequisite - Small Engines I

Open to students in Grades 11 - 12

Semester Course - ½ credit

An advanced study of two and four cycle air cooled engines. Units in carburetion, electrical, cylinder reconditioning, valve resurfacing, failure analysis, troubleshooting, and the small engine industry. Students are required to bring in a small engine for tune-up and repair service.

ADVANCED MAINTENANCE AND REPAIR

Prerequisite- Small Engines I, Welding I

Open to students in Grade 12

Full Year – 1 credit

Class fee – a \$5.00 fee will be assessed for safety goggles if student does not have a pair.

This course will provide students the opportunity to develop the knowledge skills process and understanding of...troubleshooting, adjusting, minor repair, and service to shop equipment, small engines and vehicles. Students will also learn basic home maintenance and appliance repair. There may be times when students will need to supply equipment and appliances for maintenance. Students must be self-motivated and able to work with an assigned partner.

MOTORCYCLE FUNDAMENTALS, SERVICE, REPAIR

Prerequisite - Small Engines I & II or instructors approval.

Open to students in Grade 12

Full Year – 1 credit

Project fee required: a \$30.00 fee for a shop uniform is required. Students also need to supply safety goggles.

A growing interest in motorcycles, ATV's and powered scooters has created a growing need for technicians who can service these vehicles. This course will introduce and explain parts of motorcycle, ATV, and scooter systems. Safety, maintenance, repair, assembling and disassembling engines will be done in a lab setting. Theory will be done in a classroom setting.

Students will be working on a Harley Davidson motorcycle and bench engines will also be provided. At some point students may be asked to supply their own equipment to service in a controlled setting.

WOODWORKING TECHNIQUES I

Prerequisite-None

Open to students Grades 9 - 12

Full Year – 1 credit

Project Fee Required: \$30.00 fee for class projects.

This course is an introduction to the woodworking industry. Units of study will focus on the materials, processes, and safe operation of the principle tools and equipment necessary to fabricate woodworking projects.

WOODWORKING II: CABINETMAKING

Prerequisite-Woodworking Techniques I

Open to students in Grades 10 - 12

Full Year – 1 credit

Project Fee Required: \$30.00 deposit for materials for class project.

Course will include the study of basic cabinetmaking materials, methods, and equipment necessary to fabricate a required cabinet project. Additional costs associated with individual projects due prior to the end of the year signout.

WOODWORKING III: FURNITURE MAKING

Prerequisites- Woodworking II - Cabinetmaking

Open to students in Grades 11 - 12

Full Year - 1 credit

Project Fee Required: \$30.00 deposit for materials for class project.

This course will introduce the basic concepts of furniture design and production. Students can look forward to constructing and completing a significant piece of furniture designed for a residential structure. Students will be required to acquire or purchase materials for their own project during the first three weeks of school. Additional costs associated with individual projects due prior to the end of the year signout.

ELECTRICITY & RESIDENTIAL WIRING

Open to students in Grades 10 - 12

Semester – ½ credit

Class fee: A \$25.00 fee for a Romex wire stripper and a Home Wiring reference manual is required. Both will be student property at the conclusion of the class. Additionally, students are required to acquire basic electrical tools, such as tape measure, cutters, screwdriver set and utility belt.

Major units of study in residential wiring techniques, materials, safety, and the National Electric Code.

INTRODUCTION TO CONSTRUCTION

Open to students in Grades 10 – 12

Prerequisite- Woods 1 or Instructor's Approval

Full Year – 1 credit

Project Fee required: \$30.00 to cover the cost of safety glasses, tape measure, and speed square.

Units of study will include the role of construction, construction safety, materials, building codes, and basic framing techniques in order to complete a simple construction project. Student are required to acquire basic carpentry tools prior to class, such as belt, hammer and caulk line.

BUILDING CONSTRUCTION

Prerequisite- Introduction to Construction or Instructor's Approval

Open to students in Grades 11 – 12

Full year course – Block Schedule – 2 credits

No class fee – Students are required to purchase on their own, basic building tools such as a standard tool belt, hammer, tape measure speed square, caulk line, tin snips, small pry bar and utility knife.

This course is designed around the student that is interested in continuing education surrounded with the hands on, hardworking attributes of building construction. Students can look forward to being the lead participants in the construction of a large residential style structure were students will learn and participate in all of the process required to complete a total project. Student must be willing to be a hardworking team oriented member of the Oconto Falls Building Construction Program.

Project Lead The Way: ENGINEERING PROGRAMING

Sponsored by the Milwaukee School of Engineering, college credit and scholarships may be available to those students who complete the following classes. To receive undergraduate credit from MSOE the student must meet the following eligibility requirements:

1. Successfully complete a PLTW course, as demonstrated by:
 - A grade of B or higher in classroom course work
 - A completed course portfolio
 - A combined score of 70% or higher on the end-of-course exam (Parts A and C)
2. Submit undergraduate credit application form to MSOE by December 31 of the year in which the course was completed.

When a high school student receives MSOE college credit for a PLTW course a transcript is prepared for them by the MSOE Registrar's Office. The transcript shows the MSOE equivalent course name and course number. The transcript also show the student's letter grade based on the end-of-course exam score. Most accredited colleges and universities will recognize this transcript as 'transfer' credit. Upon admission, the transfer credit and the corresponding grade will be applied to the student's college academic record. These courses are also given credit and considered to be in Advance Standings at NWTC.

PRINCIPLES OF ENGINEERING

Open to students in Grades 10-12

Full year course – 1 credit

Prerequisites: A passing grades of 'C' or better in Freshman Science and Algebra 1

This course helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. This is the first course in an engineering sequence under the Project Lead the Way curriculum. More information available at <http://www.pltw.org/index.cfm>.

DIGITAL ELECTRONICS

Prerequisite – enrollment in college preparatory math at least at Algebra II level.

Open to students in grades 11-12

Full year course – 1 credit

This course is designed to teach logic, while it introduces the basics of electronics and digital systems by exposing students to engineering design and troubleshooting techniques that are used in the electronics field. Traditional projects are constructed and tested by the students using computer simulation to ensure design and circuitry functionality. Students can also look forward to learning a systematic approach that engineers use to design electronics daily.

INTRODUCTION TO ENGINEERING DESIGN (IED)

Prerequisite – none

Open to students in grades 10-12

Full year course – 1 credit

Introduction to Engineering Design is a high school level course that is appropriate for 9th or 10th grade students who are interested in design and engineering. The major focus of IED is to expose students to the design process, research and analysis, team work, communication methods, global and human impacts, engineering standards, and technical documentation. IED gives students the opportunity to develop skills and an understanding of course concepts through activities, projects, and problem based learning in order to hone their interpersonal skills, creative abilities and understanding of the design process.

TRITON COURSE OPPORTUNITIES

TRITON students must contact their instructor for any planned absences such as athletic contests, early release, vacations, etc. It is your responsibility to let your teacher know when you will be gone. You are expected to attend all sessions except for illness or injury. Failure to attend class may result in removal from a Triton class. Different courses are open to the various levels. Pre-requisite - Instructor approval may be required in some courses.

Potential Triton Course Offerings

CHILD DEVELOPMENT

Open to students in grades 11 -12

TRITON Semester Course (offered fall semester only) – ½ credit

During his class students will study the decision to parent, the financial and emotional aspects of parenting, and various parenting styles. The development of a child beginning with fetal development and the birth process and continuing through age six will be explored extensively. Students will become familiar with the social, emotional, physical, and intellectual development of each age group up to age six. During these units, students will be spending time learning age appropriate art, music, and nutrition activities to implement with early childhood age children.

CHILD DEVELOPMENT II

Open to students in grades 11 -12

TRITON Semester Course (offered spring semester only) – ½ credit

This course is designed to look at the dynamics that make families work and to take an in-depth look at why some families struggle to survive. Discussions will include topics such as how family members relate to one another, the effects of birth order on family and personal development, personal relationships and overcoming obstacles in these relationships, and steps to developing healthy relationships. Some basic parenting skills and money management within the family will also be covered.

NWTC ONLINE COURSE OFFERINGS

These courses are taught by a college. They will be taught at a college level and the primary audience is the college-age or adult learner. As such, the content of these classes will be for adult students. Courses and descriptions are available through Student Services.

INDIVIDUALIZED EDUCATION PLAN

FRESHMAN

1. Language Arts 9
2. Biology
3. Algebra 1
4. World History
5. Freshman Phy. Ed (S)
6. _____
7. _____
8. _____

JUNIOR

1. Language Arts 11
2. Physics or other elective
3. Algebra 2
4. U.S. History II/Economics
5. Phy. Ed. (S)/Health (S)
6. _____
7. _____
8. _____

SOPHOMORE

1. Language Arts 10
2. Chemistry
3. Geometry
4. Amer. Gov./U.S. History I
5. Phy-Ed (S) + _____
6. _____
7. _____
8. _____

SENIOR

1. Language Arts 12
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____