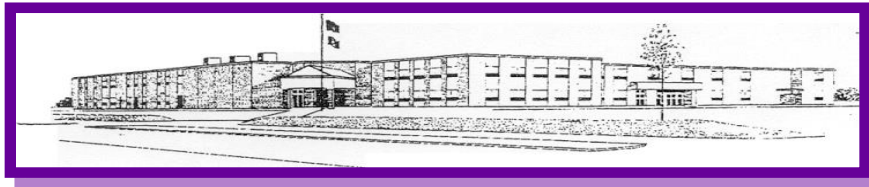


# **DENMARK HIGH SCHOOL**



## **COURSE DESCRIPTION**

### **HANDBOOK**

**2022-2023**

# TABLE OF CONTENTS

AREA	Page #
NON-DISCRIMINATION STATEMENT	2
GRADUATION REQUIREMENTS	3
COURSE WITHDRAWAL POLICY	4
*EARLY COLLEGE CREDIT/START COLLEGE NOW PROGRAMS	4
*ARTICULATION AGREEMENTS	5
*COLLEGE CREDIT IN HIGH SCHOOL	6
*YOUTH APPRENTICESHIP PROGRAM	6
*ON LINE COURSES	6
<b>COURSE DESCRIPTIONS</b>	
AGRISCIENCE EDUCATION	7
VISUAL ARTS	10
BUSINESS & INFORMATION TECHNOLOGY	12
ENGLISH EDUCATION	15
FAMILY & CONSUMER SCIENCE	18
MATHEMATICS EDUCATION	20
MUSIC EDUCATION	22
PHYSICAL EDUCATION/HEALTH EDUCATION	24
SCIENCE EDUCATION	26
SOCIAL STUDIES EDUCATION	29
TECHNOLOGY & ENGINEERING EDUCATION	32
WORLD LANGUAGE EDUCATION	35

**NOTICE OF NONDISCRIMINATION POLICY**

It is the policy of the School District of Denmark that no person may be denied admission to any public school or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extracurricular, pupil services, recreational or other program or activity because of the person's gender, color, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, gender orientation, physical, mental, emotional or learning disability.

**English:** If you need this information in your native language, please contact Deb Kralovetz at [kraloved@denmark.k12.wi.us](mailto:kraloved@denmark.k12.wi.us) or 920-863-4034.

**Spanish:** Si necesita esta información en su idioma materno, póngase en contacto con Deb Kralovetz en [kraloved@denmark.k12.wi.us](mailto:kraloved@denmark.k12.wi.us) o 920-863-4034. **Hmong:** Yog tias koj xav tau cov ntaub ntauv no ua koj hom lus, thov hu Deb Kralovetz ntawm [kraloved@denmark.k12.wi.us](mailto:kraloved@denmark.k12.wi.us) los sis 920-863-4034. **Mandarin Chinese:** 如果您需要使用母语提供的这些信息，请联系Deb Kralovetz，电子邮件地址为[kraloved@denmark.k12.wi.us](mailto:kraloved@denmark.k12.wi.us) 或920-863-4034。

## GRADUATION REQUIREMENTS

The following criteria must be met in order to receive a Denmark High School diploma:

1. Successfully completing a minimum of **twenty-eight (28)** course credits for graduation including the following:

### 4 Credits of English to Include:

- English I: World Literature (1 Credit)
- English II: British Literature(1 Credit)
- English III: American Literature or AP Language and Composition (1 Credit)
- One additional English credit to equal four (4) or more total English credits

### 3 Credits of Mathematics

### 3 Credits of Science to Include:

- Physical Science (1 credit): Physical Science I, Chemistry, Physics or 1 credit from Astronomy, Genetics, Forensic Science and Microbiology
- Biology (1 Credit)
- One additional Science Credit (can be an Agriculture ES credit)

### 3 Credits of Social Studies to Include:

- U.S. History I (1 credit)
- U.S. History II (1 credit)
- 1 Additional Social Studies Credit

### 1 1/2 Credits of Physical Education:

- Physical Education 9/Physical Education I (1/2 Credit)
- Physical Education 10/Physical Education II (1/2 Credit)
- 1/2 Additional Physical Education Credit

### 1/2 Credit of Health

### 1/2 Credit of Personal Planning

### 1/2 Credit of Financial Literacy

- Personal Finance, Accounting or Business Management (UWGB)

### 1/2 Credit of Civics

### 11 1/2 Credits of Electives

## 28 Total Credits

2. All students must carry **eight (8)** credits each year of high school unless granted permission by administrative or student services personnel to modify their schedule.
3. In order to participate in graduation exercises, a student must be able to meet all of the above requirements. **No** exceptions will be made. It is suggested that students frequently review with a school counselor the credits earned so that there will be no misunderstanding as to eligibility for graduation.
4. In addition to these requirements, there are more specific requirements listed by various post-secondary schools. Since the programs vary from year to year, be sure to check with a school counselor for specific requirements for your particular field.

## **COURSE WITHDRAWAL POLICY**

The faculty of Denmark High School is committed to providing courses and programs fitting the individual needs of all students to the extent that available resources will allow. The yearly class schedule, teacher assignments and classroom budgets are based upon student/parent course selections. Once the master schedule has been established, students are expected to remain committed to their choices and should have a significant justification for a change.

Requests to add/drop classes should be made prior to the start of each term. Class changes must be completed by the third day of the term. Beyond that time, no add/drops will be permitted unless significant extenuating circumstances exist. If a student drops a class after the three day period, a grade of "W" (Withdraw-No Credit) or a final grade of "F" may be placed on the student's official transcript. The decision as to what grade is awarded will be made by the principal.

## **THE WISCONSIN GLOBAL SCHOLARS PROGRAM CERTIFICATE (GEAC)**

The Wisconsin Global Scholars Program Certificate is awarded to graduating high school students who have demonstrated a strong interest in global citizenship by successfully completing a global education curriculum and engaging in co-curricular activities and experiences that foster the development of global competencies.

Students graduating from high school may be awarded the distinction of Wisconsin Global Scholar if they have completed the following requirements:

- Four (4) credits in one world language, OR pass the ACTFL (AAPPL) proficiency exam at the intermediate high level.
- Four (4) credits in courses with global content. One of those credits may be one year of a second world language.
- Reflections on eight books (fiction or non-fiction) with global content. Alternately, up to four reflections may be on art, music, or film.
- Participation in school wide global activities.
- A minimum of twenty (20) hours of global service learning.

Students who are interested in earning the GEAC should consult with a member of the World Languages department during 9th grade, in order to allow enough time to achieve each of these items prior to graduation.

## **EARLY COLLEGE CREDIT/START COLLEGE NOW PROGRAMS**

The Early College Credit Program (ECCP) allows high school students at public and private high schools to enroll in a UW System institution, or an alternative private, non-profit institution of higher education to take courses to earn high school credit, post-secondary credit, or both. Course costs are shared among the school district/private school and the state (and in some cases, the student's family). Students may be eligible to take courses during the fall, spring, or summer semesters. Please work with your high school counselor to see if you are eligible and to begin the application process for the Early College Credit Program. Submit your completed form to your school counselor by February 1 for summer, March 1 for fall semester or October 1 for spring semester.

Start College Now allows high school students the opportunity to take college courses at Wisconsin Technical Colleges. The application process is very similar to the Early College Credit process and the program formerly known as Youth Options. High school students in good academic standing and who have no record of disciplinary problems may have the opportunity to take college courses at their local technical college. Please work with your high school counselor to see if you are eligible and to begin the application process for Start College Now. The deadline for applying is March 1 for the fall semester and October 1 for the spring semester. The school district will then make its determination regarding eligibility and notify you of the decision.

## DUAL CREDIT AGREEMENT/HIGH SCHOOL TRANSFER AGREEMENTS

Denmark High School and Northeast Wisconsin Technical College (NWTC) have worked together to create a Dual Credit Agreement. This agreement allows students to earn technical college credit while in high school and are honored at all Wisconsin Technical Colleges.

Transcribed courses are taught by high school teachers with Wisconsin Technical College System certification. NWTC curriculum and assessment methods are used. Students' grades are posted to an official NWTC transcript. The grade a student receives in a transcribed course becomes part of the student's official college record. Transcribed credit agreements are transferable to other Wisconsin technical colleges and may transfer to some four-year colleges/universities.

<b>DHS Course</b>	<b>Technical College Course</b>	<b>Tech College with which credit is transcribed</b>	<b>Number of TC credits</b>
Advanced Accounting	Accounting 1	NWTC	4
Law & Ethics	Business Law & Ethics	NWTC	3
Computer Apps	Word-Intro	NWTC	1
	Excel-Intro	NWTC	1
	Access-Intro	NWTC	1
	PowerPoint-Intro	NWTC	1
General Chemistry	General Chemistry	NWTC	4
Metals (NWTC)	CNC Milling and G-Code	NWTC	2
	G-Code and Cam	NWTC	2
Digital Arts Fundamentals	Illustration Fundamentals	NWTC	3
	Photoshop Fundamentals	NWTC	3
Math Applications A	Math 1 Trades	NWTC	2
Math Applications B	Math 2 Trades	NWTC	2
Electro Mechanics	Automation 1	NWTC	1
	Automation 2	NWTC	1
	DC 1	NWTC	1
	Fluids 1	NWTC	1
Horticulture	Intro to Horticulture	FVTC	3
Large Animal Science	Animal Science Fundamentals	FVTC	3
Hydroponics & Greenhouse Management	Hydroponic Growing & Systems	FVTC	2

## COLLEGE CREDIT IN HIGH SCHOOL

The College Credit in High School program allows academically qualified students to take college-level courses at high school for college credit. These courses are taught by qualified and approved high school faculty. Students pay for the courses at reduced rates.

DHS Course	College/University	Number of credits	See Page
Business Management	UWGB	3	17
Fundamentals of Public Address	UWGB	3	21
Intro to Literary Studies	ST. NORBERT	4	21

## YOUTH APPRENTICESHIP PROGRAM

Youth Apprenticeship is a one or two year work-based learning program for juniors and seniors. Students fill out an application, provide references, and have an interview with an employer. Students who are accepted into the program take classes in the occupational area of their apprenticeship. In addition, students receive paid on-the-job training at a job site with a mentor to guide them through the learning experience.

### PROGRAMS OFFERED FOR 2023-2024 SCHOOL YEAR

Agriculture, Food and Natural Resources  
Architecture and Construction  
Arts, A/V Technology and Communication  
Finance  
Health Science  
Hospitality, Lodging and Tourism  
Information Technology  
Manufacturing  
Science, technology, Engineering and Math (STEM)  
Transportation, Distribution, and Logistics

**Note: 1. Students who cannot or do not secure a job placement are expected to enroll in DHS classes for a full academic schedule.**

**2. Please contact Student Services for application deadlines.**

## ONLINE COURSES

Denmark High School offers an extensive list of online course opportunities. See your school counselor for details.

# AGRISCIENCE EDUCATION

## CLASS OFFERINGS

Course	Prerequisite	Credits	Grades
Agriscience	None	1	9-10-11-12
Large Animal Science (FVTC) (ES)	Agriscience or Biology	1	10-11-12
Hydroponics & Greenhouse Management (FVTC)(ES) (Offered in 2022-2023)	Agriscience or Biology	1	10-11-12
Horticulture (FVTC) (ES)	Agriscience or Biology	1	10-11-12
Independent Agriculture “Personal Preparation for Careers”	None	½ or 1	11-12
Leadership	None	1	10-11-12
Teacher Assistant	Instructor Approval		11-12
Small Animals & Veterinary Science (ES) (Offered in 2023-2024)	Agriscience or Biology	1	10-11-12
Wildlife/Natural Resources	Agriscience or Biology	1	10-11-12

(ES) = Elective Science Credit

## AGRISCIENCE

Agriscience or Biology is a prerequisite for other agriculture courses. See above for those courses. Agriscience will introduce students to the diverse world of agriculture. Students will find themselves involved in everything from researching global agriculture, exploring animals and plants, conducting food experiments and labs, and activities in the nature center through hands-on activities and group settings. Many opportunities for learning will be outside of the classroom, including greenhouse, outdoor lab, and community-based agriculture businesses. It is recommended that Agriscience is completed during the freshman year. **Course Fee: \$5.00 per term.**

## LARGE ANIMAL SCIENCE (FVTC) (ES)

Large Animal Science will provide students with the opportunity to explore the many aspects of the large animal industry. Large animal production is an important part of agriculture in Wisconsin. People are dependent on animals for supplies of food and clothing. Dairy, beef cattle, sheep, goats, poultry and other exotic animals have been domesticated by man to provide these commodities. The production of these livestock, including selective breeding, management, feeding, and genetics will be examined. This class is strongly recommended for students with interest in animals and animal or human health related fields. **Prerequisite: Agriscience or Biology \*Transcripted Credit: This course will earn three FVTC credits if the student successfully completes this course and meets FVTC standards.**

## HYDROPONICS & GREENHOUSE MANAGEMENT (FVTC)(ES)

This class will focus on hands-on activities dealing with the production and care of plants. We learn about different types of greenhouses and the many different plants that are grown in greenhouses as well as in nursery settings. Emphasis will be on the various hydroponic systems, their specific plant material, and growing conditions. Students will work hands-on with several units and plant materials. **Prerequisite: Horticulture or Instructor Approval \*Transcripted Credit: This course will earn two FVTC credits of the student successfully completes this course and meets FVTC standards.**

## HORTICULTURE (FVTC) (ES)

The horticulture industry is one of the fastest growing areas in the agricultural field. Horticulture skills such as plant care, plant production, floral design, landscape management and greenhouse management will be developed at the introductory level. We will also cover careers, environmental requirements for good plant growth, plant naming and identification, plant parts and their functions, seeds, asexual reproduction, plant tissue culture, growing media, growth stimulants, retardant and rooting hormones. **Prerequisite: Agriscience or Biology** \***Transcripted Credit: This course will earn three FVTC credits of the student successfully finishes this course and meets FVTC standards.**

## INDEPENDENT AGRICULTURE CLASS - 'PERSONAL PREPARATION FOR CAREERS'

In this course, students plan and prepare for their future careers by taking part in extracurricular activities through the National FFA Organization. At the start of the class, students will complete a proficiency application detailing their experiences related to a specific career. Next, students will bolster their professional communication skills by competing in the FFA Speaking Contests. Students will then take part in a Career Development Event contest through the FFA, gain personal experience in environmental protection, and then complete a research experiment related to their intended career field, concluding with a final project summarizing their career intentions and educational path. Students will operate on an independent-study basis, coming to the Agricultural Sciences department during a free period to work individually in each area.

## LEADERSHIP

Whether you consider yourself a leader or a follower, this course is for you! With an ever-increasing need for leaders within our school, community, state, and nation, we need you to be competent citizens who can make things happen! This class will teach you how to tweak your leadership skills to be the best you can be. It will help you to become more of a leader by studying team building, group dynamics, personal leadership development, and communication. We will explore different leadership styles and career possibilities. **There is no prerequisite to take this course.**

## SMALL ANIMAL & VETERINARY SCIENCE (ES)

This class will explore units in veterinary sciences with emphasis on small domesticated animals. Much of the material can be applied to human medicine and is strongly recommended for students interested in pursuing health related careers or intending to be animal owners. Student will work hands-on with animals in the classroom and perform labs related to animal health and care. Students will learn basic care, handling and safety related to veterinary science. Field trips, labs, professional guest speakers and actual surgeries will supplement the classroom instruction. **Prerequisite: Agriscience or Biology**

## WILDLIFE/NATURAL RESOURCES

If you enjoy the outdoors and animals of the outdoors, this is the class for you! Wildlife is a very important part of our natural world. This course explores the history of wildlife, their populations, habitats, diseases, and protection. Topics will include a detailed look at ecosystems, big and small game species native to the United States, endangered species, and the devastation of species in other countries. A well as, quality deer management, teeth aging, Wisconsin's hunting and fishing industry. Ethics, regulations, and citizen responsibilities will also be discussed. Each student will have the opportunity to complete an independent project of their choice, for example, pan fish or small mammal taxidermy, antler mount, or any other related project in which the student is interested. **Students are expected to pay for all of their own materials for this class and a lab fee of \$5.00 per term. Prerequisite: Agriscience or Biology**

## **AGRISCIENCE TEACHERS ASSISTANT**

See an Agriscience Teacher for permission. This course is for an agriculture student who is interested in earning credit for doing additional work in the agriculture field.

## VISUAL ARTS

Art offers students an opportunity to express themselves using visual production and critical thinking skills. Whether you consider yourself talented and artistic or not, art is for you. It has been shown that a person who takes art develops creative thinking skills that carry over into many other areas. Art is open to anyone who is interested in expressing ideas in a visual, individual, and original way. Each class will emphasize problem solving, planning and preparation, and critical thinking while making design choices.

Course	Category	Prerequisite	Credits	Open to Grades
Art & Design	Intro	None	1	9-10-11-12
Drawing & Painting	2 Dimensional	Art & Design	1	10-11-12
Ceramics & Mixed Media	3 Dimensional	Art & Design	1	10-11-12
Digital Arts Fundamentals (NWTC)	2 Dimensional Technology	None	1	11-12
Photography	2 Dimensional Technology	Art & Design	1	10-11-12
AP 2D Art & Design	2 Dimensional	Art & Design	1	11-12

### ART & DESIGN

This is the foundation class/prerequisite for all other studio classes. The focus will be on concepts rather than a variety of processes. Students will get the opportunity to create work in a two-dimensional as well as in a three-dimensional form. There will be a strong emphasis on the elements and principles of design throughout the entire course. These concepts will be necessary to understand the basics in creating any design in the art studio. **Note: Students must earn a grade of “C” or higher to continue in other studio classes. Course fee: \$5.00 per term.**

### DRAWING & PAINTING

This course will introduce students to the fine art of drawing and painting. Students will learn the basics in figure and observational drawing techniques from realistic to abstract styles. Students enrolled in this course will work using many different techniques and media. **Prerequisite: A grade of “C” or higher in Art and Design. Course fee: \$5.00 per term.**

### CERAMICS & MIXED MEDIA

In this course, students will be exposed to additive and reductive clay building techniques including coil and slab hand-building techniques. Manipulative sculpture mediums will also be introduced for students to problem solve three-dimensional issues. Students in this class will be exposed to new and exciting techniques that create unique and often wearable art: jewelry and metals, batik (dyed cloth), glass fusing and fiber processes such as felting. **Pre-requisite: A grade of “C” or higher in Art and Design. Course fee: \$5.00 per term.**

## DIGITAL ARTS FUNDAMENTALS (NWTC)

Course content covers functions of Adobe Photoshop. Students will perform raster image editing. Students will create image selections, extractions and composite files using Adobe software, and apply common photo adjustments using fundamental design solutions, creating composite images. Students will develop basic knowledge and skills using Adobe Illustrator, apply vector graphic strategies into graphic design media and integration into other software packages. Course content covers creating basic shapes, drawing, transforming elements, working with type, blending, layers and special effects.

**\*Transcribed Credit: This course will earn six NWTC credits if the student successfully finishes this course and meets NWTC standards.**

## PHOTOGRAPHY

Students will learn how a camera works by completing numerous photography exercises both within the classroom and outside of the classroom. Students will also learn about the history of photography and try some historical photographic techniques. Finally, students will learn how to import, edit and store their images.

**Prerequisite: A grade of "C" or higher in Art and Design. Access to a digital camera required**

## AP 2D ART & DESIGN

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

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

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

## BUSINESS & INFORMATION TECHNOLOGY

Course	Prerequisite	Credits	Open to Grades
Computer Applications (NWTC)	None	1	9-10-11-12
Digital Media Tools	None	1	9-10-11-12
Sports and Entertainment Marketing (2022-2023)	None	½	11-12
Accounting	None	1	10-11-12
Advanced Accounting (NWTC)	Accounting	1	11-12
Personal Finance	None	1/2	11-12
Personal Planning (*Required Course)	Sophomore Standing	1/2	10
Investing	Personal Finance	1/2	11-12
Business Management (UWGB)	3.0 GPA or Instructor Approval	1	11-12
Law & Ethics (NWTC)	None	1	11-12
AP Computer Science	Algebra I	1	10-11-12
Coding 101	None	1	10-11-12

### COMPUTER APPLICATIONS (NWTC)

Students will learn Microsoft Office, the most common software package in business today. Students will use word processing software to create, format, maintain, and enhance word documents; spreadsheet software to analyze business data and solve problems; database software to manage business information; and presentation software to create cutting edge multimedia for business purposes. Students will review and proofread documents while developing speed and accuracy in their keyboarding.

**\*Transcripted Credit: This course will earn five NWTC credits if the student successfully finishes this course and meets NWTC standards**

### DIGITAL MEDIA TOOLS

Students will learn digital publishing and how to create web media that has eye-catching graphics, animations and video. Students will also have an opportunity to create games and apps using a variety of tools. In addition, there will be a focus on the many emerging web technologies available. Students will discuss digital citizenship and how student choices affect the world around them.

### SPORTS AND ENTERTAINMENT MARKETING

Students will learn about the global economy, cross-cultural differences, ethics, international economics and their effect on our society. Students will examine business in a variety of locations across the globe; discuss differing laws, cultures, international monetary system, global competition, trade policies, foreign investment and current international business trends and developments associated with current events taking place on a daily basis. An emphasis is placed on the entertainment and sport industry and its impact on business, the economy and the consumer. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate.**

### ACCOUNTING

Accounting is an exciting, career-exploratory course that offers an opportunity to develop an understanding for maintaining and interpreting financial records of a sole proprietorship and partnership. You will learn to appreciate the factors contributing to business profit or loss through manual accounting. Many college majors (not just those in business) include accounting courses, and if students are considering a degree in business, this class is a **must**. **This course meets financial literacy graduation requirement.**

## ADVANCED ACCOUNTING (NWTC)

Advanced Accounting reviews, reinforces, and furthers your ability and understanding of the accounting cycle. You will analyze and interpret financial records of a corporation. You will explore the handling of accounting information through both manual and computerized accounting. All students planning to major in business in college would benefit by taking this advanced course.

**Prerequisite: Must have taken Accounting with a recommended grade of “C” or better before taking this course.**

**\*Transcribed Credit: This course will earn four NWTC credits if the student successfully finishes this course and meets NWTC standards**

## LAW & ETHICS (NWTC)

This course will acquaint students with the basic legal system that applies to their roles as consumers and employees. Content includes origin of law, criminal and civil law, contracts, consumer protection, employer-employee relations, and legal affairs affecting property. The law is interpreted through case studies. Careers in the legal profession apply the mechanics and psychology of effective verbal and written communication skills. Students will learn to write to accomplish specific objectives and to adapt their writing to the needs of a target audience.

**\*Transcribed Credit: This course will earn three NWTC credits if the student successfully finishes this course and meets NWTC standards**

## PERSONAL FINANCE

Make intelligent decisions in your future! This course covers topics to develop you as a knowledgeable citizen, smart consumer, and a prepared worker. Examples of topics to be covered are: checking accounts, car ownership, taxes, budget, credit, housing, and consumer protection. Are you ready for the real world? **This course meets the financial literacy graduation requirement.**

## PERSONAL PLANNING

Personal Planning is a **required class** that will help sophomore students explore, investigate, and plan for their future careers while offering an in depth look at decisions that may impact post-high school and life-long goals on a personal and professional level. Components of this class will center on the following concepts: interest inventories, matching personal interests with coinciding occupations, various post-secondary options, educational requirements for various career choices, and discussions about existing high school opportunities such as Youth Apprenticeship, Youth Options, Agribusiness & Business Co-op classes, transcribed classes through NWTC and other work-based opportunities. **(REQUIRED COURSE FOR SOPHOMORE STUDENTS)**

## INVESTING

Students will explore the world of investments. Students will receive a comprehensive look at financial markets available to them. The focus is on long term investment goals and the methods necessary to accomplish their financial objectives. Students will analyze the value of stocks, bonds, mutual funds, and other investment options. **Prerequisite: Personal Finance**

## **BUSINESS MANAGEMENT**

This course will provide students the opportunity to investigate the major functions of a business: finance, human resources, marketing, supply chain, accounting, technology, and manufacturing. Students will gather, analyze, evaluate, and make decisions on information collected from these various functions. Students will develop an appropriate management style and learn how to develop strategic business plans. This class is identical to UW-Green Bay's BUS ADM 202. **Completion of this course counts toward the Wisconsin Global Education Achievement Certificate.**

**\*College Credit: This course will earn three UWGB credits if the student successfully finishes this course. Credits count as a social science or as part of business major. This course meets financial literacy graduation requirement. The student is also responsible for UWGB tuition.**

## **AP COMPUTER SCIENCE**

AP Computer Science offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns and computing impacts. AP Computer Science also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

## **CODING 101**

Students will learn the basics of coding using SNAP and Python. This curriculum advocates a “hands-on” learning approach in which students’ primary means of learning is through discovery, experimentation and application. To that end, each unit is built around a large, culminating, programming project that exercises the objectives of the unit. In addition, nearly all lessons in the curriculum include a guided activity of some kind to allow students to practice with and experience the concepts covered in the lesson first hand.

## ENGLISH EDUCATION

Course	Prerequisite	Credit	Open to Grades
English I	None	1	9
English II: British Literature	English I	1	10
English III: American Literature	English II	1	11-12
AP Language and Composition	See Course Description	1	11-12
Drama: A Literary Study (Offered 2023-2024)		1	11-12
Modern Day Literature		1/2	11-12
Novels		1/2	11-12
Short Stories		1/2	11-12
Speech		1/2	11-12
AP Literature and Composition (Offered 2020-2021)	See Course Description	1	12
Fundamentals of Public Address	Cumulative 3.0	1	11-12
Intro to Literary Studies (St. Norbert)	See Course Description	1	12
Yearbook	English I	1	10-11-12

**A thorough knowledge of English is an essential background for other school subjects. The study of English helps one to express oneself clearly, speak intelligently, write effectively, and to experience life vicariously through literature. Learning the fundamentals of grammar and punctuation enables one to write well. Reading well-known and interesting literature cultivates a taste for good reading.**

### ENGLISH I

English I students will study the works of writers from around the world. Students will develop their writing and thinking skills through analysis of literature. Emphasis will be placed upon grammar, vocabulary and critical thinking skills. Speaking and listening will be a focus.

### ENGLISH II: BRITISH LITERATURE

English II students will study the works of British writers. In addition to reading and analyzing literature, students will continue to develop their writing and thinking skills. Throughout the course, grammar, vocabulary and critical thinking skills will be emphasized. Speaking and listening will be a focus. **Prerequisite: Successful completion of both terms of English I.**

### ENGLISH III: AMERICAN LITERATURE

English III explores the works of American writers. Students will examine fiction, nonfiction, and informational texts along with completing written analyses of literature. This course also focuses on speaking, listening, and written communication skills necessary to succeed. **Prerequisite: Successful completion of both terms of English II.**

## AP LANGUAGE AND COMPOSITION

Students enrolled in this course will have the opportunity to apply rhetorical principles in crafting academic essays that will include rhetorical analysis, synthesis, and argumentative writing. In addition, the course is designed to help students become skilled readers of prose written in a variety of contexts and to become skilled writers who compose for a variety of purposes. Additional emphasis will be given to grammar, rhetoric, style and vocabulary. Lastly, the informed use of research materials and the ability to synthesize varied sources (to evaluate, use and cite sources), are integral parts of this course. This course is structured like a college freshman course and is one designed to challenge a student through academically rigorous curriculum and expectations. It is designated as part of a national program administered by the College Board. Students may have the opportunity to gain up to six hours of college English credit, advanced standing or both credit and standing at the college they attend. Amount of credit and level of standing are based upon the student's performance on the Advanced Placement exam administered in May. There is a fee to take this exam. **Prerequisite: Successful completion of both terms of English II. (Recommended grade of A in English II.)**

## DRAMA: A LITERARY STUDY

This course is a study of the literary genre of drama that provides an overview of the dramatic arts through its history and evolving form. Students will analyze several of literature's best plays from ancient tragedy to contemporary comedy. Many playwrights will be studied in depth. Drama is accepted as an English elective. **Prerequisite: Junior standing or consent of instructor.**

## MODERN DAY LITERATURE

This course provides students with the opportunity to study and appreciate recently written literature. The major emphasis of the course will be on the ideas and themes presented in the literature, as well as the "modern day" nature of the literature itself. Students will learn to improve reading and communication skills through study of some of today's best-selling novels. Students will also have some choice in what present-day novel they wish to study. **Prerequisite: Junior standing or consent of instructor.**

## NOVELS

In this course, students explore the genre of the novel by studying a number of authors, their individual styles, and relevant themes within the novels. The classic detective story, as well as classic novels of horror, suspense, and intrigue will be examined in light of their universal themes which still have relevance in today's world. This course shows the novel as a compelling illumination of people and the world. **Prerequisite: Junior standing or consent of instructor. Completion of this course counts toward the Wisconsin Global Education Achievement Certificate.**

## SHORT STORIES

This elective course is devoted purely to the study of the short story genre. In this course, the student will study a variety of literary movements and examine the direct connection between cultural/social/historical events and literary output. They will come to understand how the short story has developed over time and its impact on literature as a whole. The student will not only explore the evolution of the short story form, but also employ analysis of major literary concepts and conventions. **Prerequisite: Junior standing or consent of instructor.**

## SPEECH

This is a basic course in public speaking/communications. The student will learn basic speech writing and presentation skills. These skills will be put to use when writing and presenting demonstration, informative, persuasive, and other speeches. **Prerequisite: Junior standing or consent of instructor.**

## AP LITERATURE AND COMPOSITION

This course is designed to engage students in the careful and critical study of literature in a variety of forms. This allows for students to deepen their understanding of the ways writers use language to provide both meaning and pleasure for readers. Students who are electing to take AP Literature and Composition should have mastered the elements of composition and be prepared to use their writing skills to critique literature. This course is structured like a college freshman course and is one designed to challenge a student through academically rigorous curriculum and expectations. It is designated as part of a national program administered by the College Entrance Examination Board. Students may have the opportunity to gain up to six hours of college English credit, advanced standing, or both credit and standing at the college they attend. Amount of credit and level of standing are based upon the student's performance on the Advanced Placement exam given in May. There is a fee to take this exam. **Prerequisite: Successful completion of both terms of English III or AP Language and Composition. (Recommended grade of A or B in English III or AP Language and Composition and a Pre-class Reading Requirement.)**

## FUNDAMENTALS OF PUBLIC ADDRESS

At the completion of this course, the learner will be able to effectively plan, prepare, deliver and evaluate a variety of individual and group oral presentations. Beginning with examining the benefits and elements of well-prepared public communications, students will explore audience analysis, listening strategies, research, organization and synthesis of information, audio-visual aids, and ethical considerations to deliver informative, persuasive, demonstrative, extemporaneous, special occasion, and group presentations. To qualify for UWGB COMM 133: Fundamentals of Public Address College Credit in High School a student should have junior or senior standing and a 3.0 minimum GPA. The student is also responsible for UWGB tuition.

## INTRO TO LITERARY STUDIES (ST. NORBERT)

In this course students will 1) cultivate an appreciation for literature and 2) develop the skills of close reading and analysis of selected works from the genres of poetry, fiction, drama, and nonfiction prose according to the various principles and techniques of literary criticism. **Prerequisite: student must have senior standing with a 3.0 GPA and successful completion of AP Language. Students are required to achieve a qualifying score on a required pre-test and must have the recommendation of their high school English teachers. The student is responsible for SNC tuition.**

## YEARBOOK

This course meets every day to complete short and long term publication projects, including the Yearbook, digital media and livestream broadcasts. Students will actively write feature stories about life at DHS while creating: digital photography, graphic layouts, marketing plans and live announcements. A complete annual yearbook will be part of the summative assessment. Students who have taken photography and digital marketing courses may have priority. This course is production oriented and based on strict deadlines as assigned by Jostens. A positive team atmosphere and school pride is essential to success. **Required supplies or fees: Digital camera or smartphone supplied by student, flash drive, and folder.**

## FAMILY and CONSUMER SCIENCE

Course	Prerequisite	Credit	Open to Grades
Intro to Family & Consumer Science	None	1	9-10-11-12
Children & Families	None	1/2	9-10-11-12
Family Foods	None	1	9-10-11-12
Fashion, Clothing & Textiles (Offered 2022-2023)	None	1	10-11-12
Home Textiles (Offered in 2023-2024)	None	1	9-10-11-12
Interior Design (Offered in 2023-2024)	None	1/2	10-11-12
Food Service	Family Foods	1	10-11-12
Child Development & Tutoring	Junior or Senior Standing <b>AND</b> Children and Families	1	11-12
Introduction to Healthcare Careers	None	1/2	9-10-11-12
Independent Living	Junior or Senior Standing	1/2	11-12
International Foods	Junior or Senior Standing	1/2	11-12

### INTRO TO FAMILY & CONSUMER SCIENCE

This course will offer an overview of all the opportunities offered by the Family and Consumer Education department. Topics include, but are not limited to: an introduction to food and nutrition, sewing and other fashion topics, family living, relationships, housing and interior design. You will come away with skills for a lifetime!

### CHILDREN AND FAMILIES

Children and Families is a course that helps students become stronger family members and leaders for today and tomorrow. The course emphasizes the impact individuals and families have on our society. Projects and activities include improving family relationships, learning skills to cope with problems and difficult situations, and balancing family demands. Conflict resolution strategies are taught to reinforce the importance of communication, respect, cooperation, and teamwork in families. This course is perfect for anyone who is planning on becoming a parent or working with children in the future. This course is a pre-requisite for Child Development and Tutoring.

### FAMILY FOODS

This class offers a hands-on approach to the selection and preparation of diverse recipes. Topics covered in this course included the following: food safety, kitchen safety, microwave cooking, team work and more. Food preparation will focus on egg products, quick breads, yeast breads, beef entrees, vegetables, pies, chicken, soups, cakes and cake decorating. **Course fee: \$8.00 per term.**

### FASHION, CLOTHING, & TEXTILES

The class offers the student the opportunity to learn basic fashion and design construction techniques. Classroom projects are chosen by each individual student according to his/her interests and creative ability and are funded by the student. (There will be 2 – 3 such projects.) History of fashion, clothing construction and fabrics are studied. There may be an opportunity to team with a stage production to make/alter costumes. Students who wish to work in a “ready to wear” retail environment are strongly encouraged to sign up for this course.

## INTERIOR DESIGN

This course is an introduction to the fundamentals of interior design. Students will apply basic design principles to create professional room illustrations and floor plans. Furniture arrangements, selection of accessories and color schemes will be explored. Students who are pursuing a career in Interior Design are strongly encouraged to sign up for this course.

## FOOD SERVICE

This class introduces students to career opportunities in the food service/hospitality field as well as developing skills and attitudes for successful employment. The hands-on approach includes preparation techniques necessary in the food service field. Students are responsible for preparing and serving food for the high school breakfast program, in conjunction with Chartwells Food Service Company meeting Department of Public Instruction (DPI) state standards. Students will also work to complete Food Handler Certification, which is an entry-level food service certification. **Prerequisite: Family Foods with a grade of “C” or better.**

## CHILD DEVELOPMENT & TUTORING

This class is for 11<sup>th</sup> and 12 grade **students planning to study post-secondary childhood education or who are planning a career working with children.** Students spend the first quarter in class learning about children, then are assigned to work with pre-school teacher thru 8<sup>th</sup> grade teachers and students on a daily basis. **Prerequisite: Children and Families.**

## INTRODUCTION TO HEALTHCARE CAREERS

This course is designed to introduce students to careers available in a variety of healthcare areas. Students will research possible health career options. They will be introduced to medical terminology, basic healthcare procedures, health related professions including those involving patient care, and health career planning.

## HOME TEXTILES

Students in the Home Textiles course will use the basic concepts of project design to create functional home textile products. Students will learn and incorporate specific skills such as design planning, resource assessment, and the creation of a home textile product using several mediums. Students will also have the opportunity to learn basic sewing skills, measuring skills, and other textile applications such as punching, quilting, rug making, and many other home textile related applications. Each student will also have the opportunity to present their project plan and subsequent finished project through various types of reports and visual presentations. Students will be responsible for purchasing the items necessary to complete their three home textile projects.

## INDEPENDENT LIVING

This course prepares students for independent living by teaching necessary life skills. Students will focus on the responsibilities and roles of daily adult living. Various skills regarding clothing maintenance, communication skills, budgeting your food dollars, the importance of community service, simple and inexpensive food preparation, consumerism, and household cleaning are among the skills learned. The focus will be on becoming independent and responsible adults who demonstrate successful daily living skills.

## INTERNATIONAL FOODS

This class for juniors or seniors will focus on and identify different cultural, geographical and climatic influences on food for specific countries and/or regions. Students will identify food choices and food preparation unique to the country or region. Choices of possible countries could include: France, Spain, Germany, Poland, Ireland, Viet Nam, China, Norway, Denmark, Greece, Italy, etc. Students will acquire skills in menu planning and food preparation for the different countries. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate. Course fee: \$10.00.**

## MATHEMATICS EDUCATION

Course	Prerequisite	Credit	Open to Grades
Algebra 1A/1B	None	2	9-10
Algebra I	None	1	9-10-11-12
Geometry 1A/1B	Algebra I	2	10-11-12
Geometry	Algebra I	1	9-10-11-12
Algebra II	Geometry	1	10-11-12
NWTC Technical Math I	Geometry	1	11-12
College Prep Math I	Algebra II	1/2	11-12
College Prep Math II	Algebra II	1/2	11-12
Pre-Calculus	Algebra II	1	11-12
Statistics	Algebra II	1	11-12
AP Calculus A/B	Pre-Calculus	1	12

### ALGEBRA 1A/1B

Algebra 1A/1B is a year-long two-credit course which provides the student with the foundation required for further study in mathematics. This course has the same content as Algebra I except that it is extended out to two semesters instead of one semester to allow the student more time to learn the material.

### ALGEBRA I

Algebra I is a basic course which provides the student with the foundation required for further study in mathematics, science, and engineering. Algebra I refines the use of symbols and letters in place of numbers and words and methods of solving various types of equations and word problems. Concepts include order of operations, powers, equations of lines, inequalities, graphing lines/inequalities and quadratics, trigonometry, and basic applications with these concepts.

### GEOMETRY 1A/1B

Geometry 1A/1B is a year-long two credit course which provides the student with the foundation required for further study in mathematics. This course has the same content as Geometry except that it is extended out to two semester instead of one semester to allow the student more time to learn the material.

### GEOMETRY

In this course, reasoning is emphasized while studying plane and space geometry. Algebra skills are reviewed and strengthened through application in problem solving. The course includes trigonometry, constructions, coordinate geometry and transformational geometry. **Prerequisite: Algebra I or consent of Math Department**

### ALGEBRA II

In this second year algebra course, a more complete study of algebra is made, and such concepts as powers, roots, logarithms, quadratic equations and trigonometry are introduced. This is a prep course designed for students planning to continue their education on a post-secondary level. **Prerequisite: Geometry**

## NWTC TECHNICAL MATH I

COLLEGE TECHNICAL MATH 1A topics include; solving linear equations, graphing, percent, proportions, measurement systems, computational geometry and right triangle trigonometry. Emphasis will be on the application of skills to technical problems.

COLLEGE TECHNICAL MATH 1B topics include; performing operations on polynomials, solving quadratic and rational equation, formula rearrangement, solving systems of equations and oblique triangle trigonometry. Emphasis will be on the application of skills to technical problems.

## COLLEGE PREP MATH I

This course will reinforce, broaden and expand upon a variety of algebra and geometry topics, emphasizing the applications of these concepts in the real world. The course will cover topics such as set theory, reasoning skills, logic, the number system, solving and graphing algebraic equations, and basic geometry concepts. Students who need a refresher course of these topics before taking post-secondary entrance exams would benefit from this course. This course is open to junior/senior level students.

**Prerequisite: Geometry**

## COLLEGE PREP MATH II

This course will reinforce and/or introduce the basic concepts of logarithms, trigonometry, statistics and probability. There will be an emphasis on applications. This course is open to junior/senior level students.

**Prerequisite: Geometry & Algebra II**

## PRE-CALCULUS

Pre-Calculus prepares the student for college courses in calculus and abstract algebra. Attention is given to a deeper understanding of concepts and development of problem solving skills, both essential in mathematics. The content covers the algebra of real numbers, polynomial and logarithmic functions, trigonometry, analytic geometry, probability, piece functions, equations of lines and sequences. **Prerequisite: Algebra II**

## AP CALCULUS A/B

Calculus will prepare the student for college and the advanced placement test. This course is part of a national program administered by the College Entrance Examination Board. Advanced Placement Calculus offers students the opportunity to gain college credit(s) and/or advanced standing at the college they attend. The amount of credits and level of standing are based upon the student's performance on the Advanced Placement exam. There is a fee to take this exam. This course emphasizes the concept of limits, higher-level estimation, methods of differentiation and integration that include trigonometric and transcendental functions and their applications. The full course curriculum can be found on eclipse or on the AP Calculus college board website.

**Prerequisite: Pre-Calculus**

## STATISTICS

Statistics introduces students to the basic concepts and logic of statistical reasoning and gives the students introductory-level practical ability to choose, generate, and properly interpret appropriate descriptive and inferential methods.

## MUSIC EDUCATION

Course	Prerequisite	Credit	Open to Grades
Concert Band	See Course Description	1	9-10
Instrumental Studio	See Course Description	1/2	10-11-12
Mixed Choir	None	1	9-10-11-12
Symphonic Band	See Course Description	1	11-12
Band Assistant/Band Manager	See Course Description	1	11-12
Vocal Ensemble	See Course Description	1	11-12 ( 9 & 10 by audition)

### BANDS

#### CONCERT BAND – Grades 9 & 10

Concert Band is for students continuing from middle school or those with little or no band experience. The band combines with the Symphonic Band to form the marching and pep bands. Students have the opportunity to study and perform band instruments. Solo and ensemble festival, jazz ensembles, combos, and instrumental choirs are some of the opportunities available to members. Students are required to attend /perform in all band concerts and fulfill band lesson requirements. Band students in grades 11 & 12 may be in the concert band to accommodate scheduling conflicts or for an opportunity to study a second instrument. **Course fee: \$10.00**

#### SYMPHONIC BAND – Grades 11 & 12

This band is for students with at least one year of high school band experience or an equivalent level of playing ability. The band combines with the Concert Band to form the marching and pep bands. Students have the opportunity to study and perform an advanced level of band literature. Solo and ensemble festivals, jazz ensembles, combos, instrumental choirs, and honors band festivals are some of the opportunities available to members. Students are required to attend /perform in all band concerts and fulfill band lesson requirements. **Course fee: \$10.00**

#### **Additional BAND information:**

Dependent on band enrollment numbers, a third band may be formed at the discretion of the band instructor. If an additional band is formed, the membership in each ensemble will be determined based on two main factors:

- instrumentation (adequate numbers of each instrument)
- numbers in band at each grade level

When the band enrollment is significantly larger at the freshman/sophomore grade levels, two concert bands may be formed to accommodate numbers and scheduling. If the numbers are greater at the junior and senior grade levels two symphonic bands may be formed or an advanced level band called the symphonic winds will be added to the concert band, symphonic band format. Auditions may be implemented at the determination of the instructor as needed. Students entering their sophomore year showing an advanced level of ability (for example: Class A solo performance freshmen year) may request an audition for consideration of placement in the symphonic band program.

## **CHOIRS**

### **MIXED CHOIR**

This choir is open to any student. Students from this choir may also be part of Show Choir B around Solo & Ensemble time. Students are required to attend all concerts and have one voice lesson every two weeks. Participation in Solo & Ensemble competition is voluntary, but strongly encouraged. This ensemble performs three part repertoire.

### **VOCAL ENSEMBLE**

This class is comprised of singers in grades 11 and 12, however, grades 9 and 10 can be part of this ensemble through an audition as long as there are no class conflicts. Students must be able to do choreographed dance movements since this choir also makes up our Show Choir A for Solo & Ensemble. Students are required to attend all concerts, attend one voice lesson every two weeks and participate in Solo & Ensemble competition. This ensemble performs more advanced four part repertoire and students must be comfortable and confident singing their part on their own.

## **OTHER MUSIC COURSES**

### **INSTRUMENTAL STUDIO**

Band students may sign up to take an *individualized* course of study on their instrument. The course requirements will include daily practice expectations, weekly studio reviews (lesson logs), and performance. This course will provide the serious band student with an opportunity for an intensive focus on their instrument, performance, and a variety of literature. This course is an independent study. Each student determines his/her course of study. This course may be taken multiple times. Instructor approval required for enrollment. This class may be scheduled as a full block class for one (1) term or as a skinny for a semester.

### **BAND ASSISTANT/BAND MANAGER**

See the Band teacher for permission. Students do not receive credit or a grade.

## PHYSICAL EDUCATION AND HEALTH

Course	Prerequisite	Credit	Open to Grades
Health	None	½	9
Physical Education I	None	½	9-10
Physical Education II	None	½	9-10
Fit for Life	P.E I & P.E. II	½	11-12
Individual/Team Sports	P.E. I & P.E. II	½	11-12
Sports Officiating	P.E. I & P.E. II, 2.75 GPA in previous P.E. courses or prior approval from P.E. Instructor	½	11-12
Performance Enhancement (Offered in 2022-2023)	P.E I and P.E. II	½	11-12

The Denmark High School Physical Education program will put its greatest emphasis on the development of personal fitness. It is our goal to educate each student on the benefits of leading an active lifestyle as well as develop effective and fun ways to improve individual fitness. Appropriate amounts of time each class session will be spent on the development and education of personal fitness to include: cardiovascular strength and endurance, muscular strength and endurance with an emphasis on the abdominal region, and flexibility.

### PHYSICAL EDUCATION I

This is a required course. Instruction will be offered in the following areas: Fitness Testing, Badminton, Soccer, Inline Skating, Cross Country Skiing, Ultimate Games, Team Handball, and Strength Training Principles.

### PHYSICAL EDUCATION II

This is a required course. Instruction will be offered in the following areas: Fitness Testing, Pickleball, Flag Football, Disc Golf, Softball, Volleyball, Strength Training Principles, Floor Hockey, and Table Tennis.

### INDIVIDUAL AND TEAM SPORTS

This course will give students the opportunity to choose their curriculum for the term. An emphasis will still be placed upon fitness. The following units will be offered: Flag Football, Pickelball, Badminton, Soccer, Inline Skating, Cross Country Skiing, Archery, Ultimate Games, Team Handball, Cycling, Disc Golf, Softball, Volleyball, Floor Hockey, Table Tennis, Basketball, and Tae Bo. **Prerequisites: P.E. I and P.E. II**

### FIT FOR LIFE

Fit for Life prepares students for a healthy lifestyle by providing a solid foundation of how to maintain or improve their fitness levels in each of the five components of fitness. Understanding how activity and nutritional choices affect the balance of body composition, general long-term health and performance will empower students to make informed decisions about their fitness and health. Making fitness the top priority develops and appreciation for activity, nutrition, and movement. **Prerequisites: P.E. I and P.E. II**

## HEALTH

One term of health is **required** of all high school students. Most students take health during their freshman year. The course will cover the following issues; nutrition, weight management, eating disorders, wellness components, physical, social, spiritual, emotional and mental health, substance abuse (alcohol, drugs, tobacco, medications, etc.), one's life cycle, healthy relationships, school violence, personal safety, the body systems, disease prevention, and communicable and sexually transmitted diseases (STDs).

## SPORTS OFFICIATING I

This class will focus on officiating techniques and scorekeeping in a variety of major sports, including, but not limited to; football, volleyball and basketball. It is recommended that you have a good working knowledge of several sports, preferably at the junior varsity or varsity level. Coursework will include classroom activities, field experiences, guest speakers and video lessons. The field experience coursework may require students to attend one athletic event outside of the school day. Completion of this class will allow students to be prepared to pass the WIAA Officials Rules Exam for their chosen sports.

**Prerequisite: Any student interested must have accumulated one credit in Physical Education with an earned 2.75 Grade Point Average or receive prior approval from the DHS Physical Education Department.**

## PERFORMANCE ENHANCEMENT

This is a serious strength and speed training class for students who want to train for high level competition. It is recommended for students who participate in DHS athletics. The workout will be very rigorous and you should not enroll in this class if you are not motivated to train hard every day. This course will utilize Olympic lifting, plyometric training, agility work and dynamic stretching concepts to maximize athletic performance. Students will be tested at the beginning and end of the class on their power, muscular strength, muscular endurance, cardiovascular endurance, agility and speed. **Prerequisites: P.E. I and P.E. II**

## SCIENCE EDUCATION

Course	Prerequisite	Credit	Open to Grades
Physical Science I	None	1	9
Biology	Physical Science I or Teacher Recommendation/Test out of Physical Science I	1	10 Option for 9
General Chemistry (NWTC)	Biology & Algebra I	1	10-11-12
Human Anatomy & Physiology I	Biology	1	11-12
Human Anatomy & Physiology II (Offered 2020-2021)	Biology & Human Anatomy/Physiology I	1	11-12
Physics	Algebra I, Geometry & Biology	1	10-11-12
Astronomy: The Life of the Universe	Biology	½	10-11-12
Genetics	Biology	½	10-11-12
Forensic Science	Biology	½	10-11-12
Microbiology	Biology	½	10-11-12
AP Chemistry (Offered 2020-2021)	Biology and Chemistry	2	11-12
AP Biology (Offered 2023-2024)	Biology and Chemistry	2	11-12
AP Environmental Science	Biology and Algebra I	1	10-11-12

### PHYSICAL SCIENCE I

This course is only open to freshmen and fulfills one physical science credit for graduation. This class is designed for students who are not planning to take higher level science courses in high school and are not planning to attend a 4 year college after high school. Through a balance of hands-on activities and student designed projects, students will be exposed to real world problems involving Chemistry, Physics, Energy and Environmental Science. Students will be challenged to apply mathematical and communication skills by learning to apply scientific knowledge throughout the course. Students who take Physical Science I will take Biology and Physical Science II and will then have the opportunity to take higher level science courses if desired.

### BIOLOGY

Biology is an interesting science as it pertains to the study of life. Here the scientific method, social aspects, and application of Biology to everyday life are studied through the use of various experiments and demonstrations performed by the students. The opportunities that biology offers in the coming years is limitless, and it builds a foundation for the technical knowledge today. This course is lab oriented with emphasis upon the development of student problem solving skills. **Students who complete Biology as a freshman will need to complete 2 more science credits beyond Biology.**

### GENERAL CHEMISTRY (NWTC)

This course is the study of composition of materials and the changes these materials undergo. The course is intended to prepare students for college Chemistry by introducing elements, mixtures, compounds, solutions, chemical reactions, the atomic theory, moles and Stoichiometry. The subject matter is presented by lecture, lab work, and supplementary study. **Prerequisite: Students must have earned a “C” or higher in Algebra I, completed Biology and/or have teacher consent.**

### HUMAN ANATOMY AND PHYSIOLOGY I

Human Anatomy and Physiology I is intended for college-bound students who are motivated to take a challenging science course. This class is designed for the college-bound student who needs specialized training in the life sciences beyond the scope of a standard Biology class. Students enrolled in Human Anatomy and Physiology I will be exposed to the current body of knowledge of the organization of the body, histology, and the anatomy and functions of the integumentary, skeletal, muscular, and nervous systems. In addition, students will gain an insight into disease etiology, advanced laboratory techniques and dissection. **Prerequisite: Biology or Instructor consent. Course fee: \$12.00 per term.**

## HUMAN ANATOMY AND PHYSIOLOGY II

Human Anatomy and Physiology II is intended for college-bound students who are motivated to take a challenging science course. This class will be a continuation of Human Anatomy and Physiology I and is designed for the college-bound student who requires additional in-depth knowledge of anatomy and physiology. Students will continue their journey through in-depth studies of the anatomy and physiology of selected body systems. Disease etiology will continue to be stressed as well as advanced laboratory techniques. **Prerequisite: Human Anatomy and Physiology I. Course fee: \$12.00 per term**

## PHYSICS

This course is intended to stress the physical aspects of science and the further development of scientific reasoning. The fundamental concepts dealing with mechanics, heat, light, sound, electricity, and nuclear physics are investigated through extensive use of laboratory exercises and computers. Physics course work requires students to demonstrate fairly advanced math skills as the math level is rigorous. **Prerequisites: Algebra I, Geometry and Biology.**

## ASTRONOMY: THE LIFE OF THE UNIVERSE

This is a one-term course offered to sophomores through seniors. In Astronomy we will be studying the life of the universe and its organization. We will be discussing various topics with hands on activities like modeling how eclipses form. Other topics we will study: the sun, planets, moons, stars, and technology used to observe these objects. Students understand by the end of the course, how their life fits into the life of the universe. **Prerequisite: Students must have passed biology to enroll in this class. Course fee: \$20.00**

## GENETICS

Genetics is a one-term Biology class offered to sophomores through seniors. In Genetics, students will expand upon the Genetics unit introduced in the Biology courses and show the importance of Genetics in taking our understanding of humans to a new level. Topics may include transmission of genetics, DNA and chromosomes, epigenetics, and genetic technology. This course is recommended for those students who plan to attend a technical school or 4-year university and have an interest in pursuing a career in science or health science related fields. **Prerequisite: A grade of "C" or better in both terms of Biology class is required, Course fee: \$20.00**

## FORENSIC SCIENCE

Forensic Science is a one-term course offered to sophomores through seniors. This course incorporates Biology, Anatomy, Chemistry, and Physics to assist in the solving of crimes. This course will be a lab oriented and inquiry-based exploration of methods currently used by crime scene investigators and forensic scientists. **Prerequisite: Students must have passed both terms of Biology. Course fee: \$20.00**

## MICROBIOLOGY

Microbiology is a one term lab-oriented biology class where students will learn proper laboratory techniques through the use of microorganisms such as bacteria and fungi. Students will also learn about viruses and their ability to spread, as well as study growth and antibiotic resistance of bacteria. Students will be asked to write lab reports and utilize a high level of inquiry. This course is recommended to those that plan to attend a technical school or 4-year university and have an interest in pursuing a career in science or health science related fields. **Prerequisite: Biology. A grade of "C" or better in both terms of Biology class is required for enrollment in the class. Course fee: \$20.00**

## AP CHEMISTRY

AP Chemistry builds upon the skills learned in General Chemistry while preparing students for the Advanced Placement Chemistry test, written by the College Board, given to students in May with students earning a passing score (depending on their post-secondary education choice) earning college chemistry credits. AP Chemistry will provide students with a variety of learning experiences, including but not limited to, classroom discussions, laboratory exercises, and group problem solving. The course is designed to fulfill the requirements set by the College Board. Students should expect to be in a laboratory setting every week with many different and varied laboratory activities throughout the course. Classroom lessons are reinforced through various activities, including laboratory and other inquiry-based projects. Students in AP Chemistry will be expected to maintain a laboratory notebook, which will demonstrate their knowledge of the scientific method and following proper laboratory protocol.

Concepts that are discussed in this class are closely related to the AP Chemistry Content Outline and include:

- The structure of matter, including atomic theory & atomic structure, chemical bonding, and nuclear chemistry
- States of matter, including gases and the ideal gas law and the kinetic molecular theory, liquid and solid state chemistry, and solution chemistry
- Chemical reactions, including reaction types, stoichiometry, chemical equilibrium, and chemical kinetics & thermodynamics
- Descriptive chemistry, including relationships in the Periodic Table and an introduction to Organic Chemistry
- Proper laboratory techniques, including proper safety techniques

**Prerequisite: Biology and Chemistry (A or B in Chemistry recommended.)**

## AP BIOLOGY

AP Biology is an introductory college level biology course. Students will cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes—energy and communication, genetics, information transfer, ecology and interactions. Besides extensive readings from the text, students will need to successfully complete 12 in-depth labs. This course is part of a national program administered by the College Entrance Examination Board. It offers students the opportunity to gain college credit, advanced standing or both credit and advanced standing at the college they choose to attend. The number of credits granted by colleges is based upon the student's performance on the Advanced Placement Exam and the individual college's policy. **Prerequisites: Biology & Chemistry (A or B in Biology and Chemistry recommended.)**

## AP ENVIRONMENTAL SCIENCE

The AP Environmental Science class is designed to be the equivalent of a one semester, introductory college course in environmental science for students with an interest in our natural world. This course will provide the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental issues both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them, as well students will gain a deeper understanding of ecology and environmental protection.

This course is designated as part of a national program administered by the College Board. Students may have the opportunity to gain college Science credit, advanced standing or both credit and standing at the college they attend. Amount of credit and level of standing are based upon the student's performance on the Advanced Placement exam administered in May. There is a fee to take this exam. **Prerequisites: Biology and Algebra. Course Fee: \$5.00 per term**

## SOCIAL STUDIES EDUCATION

Course	Prerequisite	Credit	Open to Grades
U.S. History I	Required 9 <sup>th</sup> Grade Course	1	9
U.S. History II	Required 10 <sup>th</sup> Grade Course	1	10
Civics	Required 11 <sup>th</sup> Grade Course	½	11
Geography (Offered 2020-2021)	None	1	11-12
AP U.S. History	*See Course Description	1	10-11-12
Current Issues (Offered 2023-2024)	Junior or Senior Standing	½	11-12
Global Studies (Offered 2023-2024)	Junior or Senior Standing	½	11-12
Social Studies Overview I (Offered 2020-2021)	*See Course Description	1	11-12
Social Studies Overview II (Offered 2023-2024)	*See Course Description	1	11-12
AP European History (Offered 2020-2021)	*See Course Description	1	11-12
AP Psychology (Offered 2023-2024)	*See Course Description	1	11-12

### U.S HISTORY I

U.S. History I is a required course for all freshman. American History I the history of the United States from the Age of Discovery through the post-Civil War period. The course focuses on the geographical, intellectual, political, economic and cultural development of the American people, and places U.S. events in the context of world politics.

### U.S. HISTORY II

U.S. History II is a required course for all sophomores. It is a survey of the social, political, economic, cultural, and intellectual history of the United States from the Progressive Era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in U. S. History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.

### CIVICS

This nine week course is required for all students to take prior to graduation. This course will focus on the study of citizenship and government. Units of study will include:

1. Introduction to the course.
2. The Foundations of Government.
3. The Declaration of Independence.
4. The U.S. Constitution (including an in depth look at our three branches of government).
5. The Bill of Rights and amendments.
6. Elections.
7. Interest groups and voter behavior.
8. State and local government.

The culminating activity will be taking and passing the U.S. Citizenship exam as mandated by the state of Wisconsin.

### GEOGRAPHY

This course is a study of the major geographical regions of the world. The principles of both physical and human geography, along with maps are studied. Individual nations and their climate, landforms, resources, industries and economics are covered.

**Completion of this course counts toward the Wisconsin Global Scholars Program Certificate.**

## AP U.S. HISTORY

This class will involve a considerable amount of reading and writing about U.S. historical events. Students will learn how to write a document-based question (DBQ) and persuasive essays. Students will be expected to take an objective test on each unit. Students will be expected to read 100-200 pages weekly. Classroom discussions will revolve around the readings and how to use them (in the writings). The course will cover nine units of study starting with Pre-Columbian America through Modern America. Students will not be required to take the AP exam to be in this class. This course is open to sophomores upon teacher approval. **Prerequisites: Recommended grade of A or B in both American History I and II. A classroom work ethic that resembles that of a four-year university student.**

## CURRENT ISSUES

In this course, the following aspects of mass media will be examined: Mass media and culture, advertising, news, newspapers, magazines, radio, television, movies and technology. Students in this course will have a number of individual and group projects associated with each unit. “Hot button” current and controversial issues will be discussed in this class and how they relate to the world we live in. This 9-week course is open to all juniors and seniors. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate.**

## GLOBAL STUDIES

This course will examine various “non-western” cultures and how they impact our global world today. Africa, India, China, and the Middle East are the main units covered in this course. In an effort to gain an appreciation for these areas, they will be studied through a historical, political, economic, and religious perspective. This 9-week course is open to all juniors and seniors. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate.**

## SOCIAL STUDIES OVERVIEW I

This course focuses on Western Civilization and Psychology. Units of Western Civilization range from pre-history to the modern era. Topics include ancient Greece, Rome and Christian institutions of the Middle Ages to the emergence of national monarchies in Western Europe. Upon completion, students should be able to analyze significant political, socioeconomic and cultural developments in early Western Civilization. Psychology units of study will include: an introduction to psychology, research, consciousness, learning, memory, intelligence, motivation and emotion, personality, and abnormal psychology. **Prerequisites: Recommended grade of A or B in both American History I and II. This one credit social studies elective class is open to all college bound juniors and seniors.**

## SOCIAL STUDIES OVERVIEW II

This course focuses on issues involving economics and sociology. Economic units of study will include: economic systems, supply and demand, government regulation, business structures, the global economy, and consumer economics. Sociology units of study will include: an introduction to sociology, cultures, group behavior, socialization, deviance and crime, social stratification, race and ethnicity, education, and sports entertainment. **This one credit social studies elective class is open to all college bound juniors and seniors. Social Studies Overview I is not a required prerequisite to take this course. Prerequisites: Recommended grade of A or B in both American History I and II.**

## AP EUROPEAN HISTORY

Advanced Placement (AP) European History will explore the significant events and movements of European history since 1450. Students will have opportunities to explore the principal themes in modern European history. They will analyze historical evidence and develop historical interpretations. The students will also be required to express their historical understanding of this era through multiple writings. This course is part of a national program administered by the College Board. It offers students the opportunity to gain college credit, advanced standing, or both credit and standing at the college they attend. Amount of credit and level of standing are based upon the student's performance on the Advanced Placement exam. There is a fee to take this exam. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate.**

**Prerequisites: Recommended grade of A or B in both American History I and II. A classroom work ethic that resembles that of a four-year university student. Summer Reading/Activities Requirement**

## AP PSYCHOLOGY

Advanced Placement (AP) Psychology is designed 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 each of the major subfields within psychology. Student will also learn about the ethics and methods psychologists use in their science and practice. This course is part of a national program administered by the College Board. It offers students the opportunity to gain college credit, advanced standing, or both credit and standing at the college they attend. Amount of credit and level of standing are based upon the student's performance on the AP Exam. There is a fee to take this exam. **Prerequisites: Recommended grade of A or B in both American History I and II. A classroom work ethic that resembles that of a four-year university student. Summer Reading/Activities Requirement**

## TECHNOLOGY & ENGINEERING EDUCATION

Course	Prerequisite	Credit	Open to Grades
<b>INTRODUCTORY COURSES</b>			
Materials & Processes	None	1	9-10-11-12
Introduction to Engineering	None	1	9-10-11-12
Engineering Concepts	None	1	9-10-11-12
<b>**ALL INTRODUCTORY CLASSES MUST BE TAKEN BEFORE ANY ADVANCED CLASSES**</b>			
<b>ADVANCED COURSES</b>			
Cabinetmaking I	Complete Intro Courses	1	10-11-12
Construction	Complete Intro Courses	1	10-11-12
Metals I	Complete Intro Courses	1	10-11-12
Power Mechanics	Complete Intro Courses	1	10-11-12
<b>EXPERT COURSES</b>			
Cabinetmaking II	Cabinetmaking (I)	1	11-12
Metals II	Metals I	1	11-12
<b>DUAL CREDIT COURSES</b>			
Metals (NWTC)	None	1	11-12
Electro Mechanics	None	1	11-12
<b>NON LEVEL COURSE</b>			
Engineering Principles	None	1	10-11-12

**\*\*STUDENTS ARE EXPECTED TO PURCHASE NECESSARY MATERIALS FOR REQUIRED CLASS PROJECTS. SPECIFIC INFORMATION REGARDING COSTS MAY BE SECURED FROM THE INDIVIDUAL INSTRUCTORS.**

### INTRODUCTORY COURSES

#### MATERIALS AND PROCESSES

Materials & Processes A focuses on the safe operation of power tools in the woodshop. Students will use table saws, planers, routers, jointers, band saws, compound miter saws, orbital hand sanders, and drills in the construction of a night stand. During the construction of the night stand students will also be introduced to different materials and processes commonly found in cabinet making. Materials and Processes B focuses on the safe operation of power tools in the metals lab. Students will use a lathe, squaring shears, box and pan, CNC lathe, and CNC mill in the construction of a military folding shovel as well as writing custom G-Code. During the construction of the military folding shovel, students will also be introduced to different materials and different processes commonly used in the metals lab. **Course Fee: \$8.00 per term plus cost of materials.**

#### INTRODUCTION TO ENGINEERING

This course is for students who are interested in design and engineering. Students will develop critical thinking skills and an understanding of course concepts through activity, project, and problem-based learning. The course will focus on the design process, drafting, research and analysis, collaboration, creativity, and communication skills. Students will use AutoCAD to develop 2D drawing skills as well as Inventor to develop 3D modeling skills used in industry today. Emphasis is placed on exploration of career opportunities in design and engineering. The final class project will be a challenge that requires students to design, construct, and test a balsa wood tower. **Course Fee: \$8.00 per term**

## **ENGINEERING CONCEPTS**

Engineering Concepts will emphasize 21st century learning skills-mainly the 4 C's-Creativity, Critical Thinking, Collaboration, and Communication through the exploration of different engineering concepts. Students will be required to follow the design process through the completion of seven challenges throughout the semester. Students will explore gear ratios, solar power, wind power, aerodynamics, force multiplication, mechanical advantage, buoyancy, tension, compression, and simple machines through instruction and lab activities. Challenges will include; Solar Car, Wind Turbine, The Claw, Watercraft, Toothpick Bridge, Hovercraft, and Mousetrap Distance Car. **Course Fee: \$8.00 per term**

## **ADVANCED COURSES**

### **CABINETMAKING I**

Cabinetmaking I will focus on safe machine use and wood joinery commonly used in cabinet making shops. Students will be exposed to the use of the miter saw, jointer, planer, table saw, surface sander, router and several other machines and hand tools. Joinery covered includes dados, rabbets, grooves, pocket holes, mortise and tenon, and biscuit joints. The two primary projects are an end table and a hanging cabinet. Students will also create 20+ flag cases for the Denmark VFW as a mass production project. **Course Fee: \$8.00 per term plus cost of all materials and hardware.**

### **CONSTRUCTION**

In construction, students will apply knowledge learned in the classroom to real projects at school or in the community. Each year we choose a project to complete that may include framing, interior/exterior finishes, masonry/concrete work, or a combination of multiple areas of construction. Projects may be conducted off campus. Additional curriculum that is covered includes building layout, the use of leveling and surveying equipment, electrical, plumbing, and site preparation. Activities and projects are designed to support the understanding of these concepts. **Course Fee: \$8.00 per term**

### **ENGINEERING PRINCIPLES**

This is the ideal class for future engineers and manufacturers! Engineering Principles is a problem-based course in which students will design, build and test a race car through a program called Formula Student USA. The class will put an emphasis on soft skills including communication, time management, work ethic/initiative and respect. In addition to working with the entire class to create the car, students will work in small groups to design individual systems throughout the car. Student will learn about the steps of engineering and 3-D modeling using Inventor as well as fabrication skills including welding, cutting, bending, g-code writing and machining. Additional responsibilities include fundraising, ordering, bill of material creation and promoting the project through various forms of social media. Additional time outside of class may be required including race day, which is typically in May. Class space is limited so all potential students are required to apply for acceptance. **No pre-requisites required. Course Fee: \$8.00 per term**

### **METALS I**

Metals I will be broken down into three different topics: welding, layout and machining. Students will learn basic MIG and SMAW, CNC plasma cutting operation, parallel line development, manual lathe operation and the operation of a CNC lathe/milling machine. Students will make a rocket stove. Students will responsible for additional payments of projects. **Course Fee: \$15.00 per term**

## **POWER MECHANICS**

Power Mechanics A will emphasize small engine and construction. Students will learn through instructional and lab activities how a small engine operates, how to trouble shoot a small engine and how to repair a small engine. Power Mechanics B will emphasize different types of power systems. Students will study hydraulics, pneumatics and some renewable energy systems. **Course Fee: \$8.00 per term**

## **EXPERT COURSES**

### **CABINETMAKING II**

In Cabinetmaking II, students will further enhance their knowledge of safe machine and tool use and continue to explore joinery related to cabinetmaking. Students will also design, customize, and build projects on their own by creating technical drawings, 3D models, a bill of materials, and steps to complete the project. Additional hardware and materials may need to be purchased if not available for purchase at school. Students will also create 20+ flag cases for the Denmark VFW as a mass production project. **Course Fee: \$8.00 per term plus cost of all materials and hardware.**

### **METALS II**

Students will learn proper milling and lathe techniques through instruction and by creating a meat tenderizer. After creation of the meat tenderizer, students will be allowed to work on an independent project provided they create a 3-D model, bill of materials and pick up their own stock. **Course Fee: \$8.00 per term**

## **DUAL CREDIT COURSES**

### **METALS (CNC HELPER)(NWTC)**

Students will earn the CNC Helper certificate, which consists of four NWTC credits: CNC Milling and G-Code (2 credits) and G-Code and Cam (2 credits). Students will learn how to write g-code, draw in mastercam, operate a CNC mill, and operate a CNC lathe through instruction and lab activities. Lab activities include a maze project and chess pieces. ALL 4 credits will directly transfer into 2 different programs at NWTC: [CNC Technician Diploma](#) and [CNC Machinist Technical Diploma](#). Students MUST be a JUNIOR or SENIOR to enroll in this class. **Course Fee: \$8.00 per term**

### **ELECTRO MECHANICS (ENGINEERING HELPER)(NWTC)**

Students will earn the Engineering Helper certificate, which consists of four NWTC credits: Automation I, Automation II, Fluids I, and DC 1. Students will learn about automation, electrical mechanical systems, and the different components in the system through instructional and lab activities. ALL 4 credits will directly transfer into 6 different programs at NWTC: [Solar Energy Technology](#), [Wind Energy Technology](#), [Utilities Engineering Technology](#), [Automation Engineering](#), [Biomedical Electronics](#), and [Electro-Mechanical Technology](#). 3 credits will transfer into the [Energy Management Technology](#) program. Students MUST be a JUNIOR or SENIOR to enroll in this class. **Course Fee: \$8.00 per term**

## WORLD LANGUAGE EDUCATION

Course	Prerequisite	Credit	Open to Grades
Spanish I	None	1	9-10-11-12
Spanish II	Spanish I	1	9-10-11-12
Spanish III	Spanish II	1	9-10-11-12
Spanish IV	Spanish III	1	9-10-11-12
Spanish V	Spanish IV	1	10-11-12
Japanese I	None	1	9-10-11-12
Japanese II	Japanese I	1	9-10-11-12
Japanese III	Japanese II	1	10-11-12
Japanese IV	Japanese III	1	10-11-12
Japanese V	Japanese IV	1	11-12
Appreciating and Valuing Diversity in Today's Society	None	1/2	10-11-12

### SPANISH I

This course is an introduction to the fundamentals of the Spanish language using primarily the present tense. Students will engage in structured reading, writing, speaking and listening activities regarding self, and relationships among school, family and global communities. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate.**

### SPANISH II

This course is a continued study of the Spanish language, introducing more complex grammatical structures, including a past tense. Themes include air-travel and vacations, daily routines, home and chores and shopping within communities. Students expand their oral and written communication skills, making comparisons and connections between cultures. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate. Pre-requisite: Spanish I**

### SPANISH III

This is a continuation of the conversational and grammatical skills of Spanish I and II, with an added emphasis on the functional use of Spanish in conversation utilizing previously studied tenses, and the imperfect, future, conditional and present perfect tense. Themes include enhanced daily routines, life events/celebrations, food/food prep and urban/rural lifestyles. Spanish III may be a hybrid course, with blended delivery through face-to-face teacher interaction and online. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate. Pre-requisite: Spanish II**

### SPANISH IV

SPANISH IV This course further develops communication skills through the use of authentic readings and dialogues by native speakers. Themes include a train-travel, visiting/exploring a new community, and global human movement. These themes may alternate with the Spanish V course. A thorough review of Spanish I through Spanish III is incorporated into the themes along with the past perfect, commands and the present subjunctive. Spanish IV may be a hybrid or combined course, with blended delivery through face-to-face teacher interaction and online. Completion of this course counts toward the Wisconsin's Global Scholars Program. Prerequisite: Spanish **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate. Prerequisite: Spanish III**

## SPANISH V

Spanish V is a continuation of in-depth study of the Spanish language, using authentic print and media resources. Themes include contemporary life, health and emergency situations, news and world issues. These themes may alternate with the Spanish IV course. Conversation and writing include a review of all previous grammar concepts, adding the imperfect subjunctive. Spanish V may be a hybrid or combined class with blended delivery through face-to-face teacher interaction and online. Completion of this course counts toward the Wisconsin's Global Scholars Program. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate. Pre-requisite: Spanish IV**

## JAPANESE I

This introduction to Japanese language is taught through the communicative approach. Reading and writing of Japanese, 50 hiragana characters, 50 katakana characters, and about 70 kanji are introduced. Because of the communicative approach, students will be required to listen and speak Japanese from the beginning. Students will learn approximately 700 words. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate.**

## JAPANESE II

This course is also taught using the communicative approach. Students will expand their vocabulary using authentic or semi-authentic materials in Japanese. Students will recognize katakana words and identify their English equivalents by reading ads and magazines. Additionally, 100 kanji will be introduced. Students will also learn to speak about events in the past and future. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate. Prerequisite: Japanese I**

## JAPANESE III

Students will develop a better understanding of the sentence structure such as: plan to, want to, and doing something now. Another 100 kanji will be introduced. There will be an increased emphasis on reading and writing skills. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate. Pre-requisite: Japanese II**

## JAPANESE IV

Students will read short articles from Japanese magazines as well as short stories. All conversation will take place in Japanese. An additional 150-200 kanji will be studied to bring the total number of kanji studied during the four years to approximately 500. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate. Pre-requisite: Japanese III**

## JAPANESE V

Students will improve listening, reading and speaking skills. Emphasis will be on more grammar patterns, as well as continued study of kanji and expanded vocabulary through reading articles and stories in Japanese. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate. Pre-requisite: Japanese IV**

## APPRECIATING AND VALUING DIVERSITY IN TODAY'S SOCIETY

Students will study the importance of learning to value and use diversity for the greater good. Students will gain knowledge on how to implement "zero tolerance" for anything that is disrespectful, hurtful, or intolerant of ethnic diversity. Students will learn to value diversity and recognize and respect the fact that people are different and that these differences should be embraced. **Completion of this course counts toward the Wisconsin Global Scholars Program Certificate.**