

PORT WASHINGTON HIGH SCHOOL

COURSE SELECTION BOOK

2024-2025 SCHOOL YEAR



TABLE OF CONTENTS

INTRODUCTION AND GRADUATION REQUIREMENTS	1
PWHS FOUR YEAR PLAN.....	2
REQUIREMENTS FOR VARIOUS INSTITUTIONS.....	3
ADVANCED PLACEMENT INFORMATION.....	4
CAPP—COOPERATIVE ACADEMIC PARTNERSHIP PROGRAM.....	5
PROJECT LEAD THE WAY INFORMATION.....	6
ART and DESIGN.....	7—9
BUSINESS.....	10—12
COMMUNICATIONS.....	13—16
MATHEMATICS.....	17—19
MUSIC.....	20—21
SCIENCE.....	22—25
SOCIAL STUDIES.....	26—28
TECHNOLOGY and ENGINEERING EDUCATION.....	29—34
WELLNESS EDUCATION.....	35—37
WORLD LANGUAGE.....	38—39
ADDITIONAL EDUCATIONAL OPPORTUNITIES.....	40—42
*EDUCATION FOR EMPLOYMENT.....	40-41
*START COLLEGE NOW.....	42

The Port Washington-Saukville School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to designated youth groups. The following person has been designated to handle inquiries regarding the non-discrimination policies: Director of Special Services, Port Washington-Saukville School District, 100 W. Monroe Street, Port Washington, WI 53074 - Brian.Sutton@pwssd.k12.wi.us

GRADUATION REQUIREMENTS

A total of 24 credits are required to graduate, including the specific courses listed below. A minimum of 3 credits (6 classes) per semester is required. In addition, students must demonstrate proficiency in Math and Writing, and complete a Career Plan.

Communications—Four (4) Credits

One (1) credit in Communications 1

One (1) credit in Communications 2

One (1) credit in Communications 3 or the junior level Advanced Placement class

One (1) credit in Communications Electives

***A full credit in an approved advanced placement communication course or a half (1/2) credit in a required senior writing course and a half (1/2) credit in communication electives.**

Mathematics – Three (3) Credits

Three (3) credits in Mathematics electives

***There is a 3 Math credit requirement for graduation including Algebra 1.**

Physical Education – One & one-half (1 ½) Credits

***PE credits must be earned over 3 separate years.**

One-half (1/2) credit in Foundations of Fitness

One-half (1/2) credit in Physical Education elective

One-half (1/2) credit in Physical Education elective

Science – Three (3) Credits

One (1) credit in Biology

One-half (1/2) credit in Integrated Science 1 or Chemistry

One-half (1/2) credit in Integrated Science 2 or Physics

One (1) credit Science Elective *which may include PLTW-POE*

Health—One-half (1/2) Credit

One-half (1/2) credit in Personal Development

*** Required Electives – One and one-half (1 ½) Credits)**

Students must earn at least a half (1/2) credit in two (2) of the following areas

Fine Arts

Technology Education

Computer Intensive Course

World Language

Business

One-half (1/2) credit in Personal Finance (required for graduation)

Social Studies – Three (3) Credits

One (1) Credit in World Studies

One (1) Credit in US History or AP US History

One (1) Credit in US Government and Foreign Policy or AP US Government and Politics

*** COURSES THAT MEET THE REQUIRED ELECTIVES REQUIREMENT**

1. FINE ARTS

ART and DESIGN

All Courses

MUSIC

All Courses

2. CAREER & TECHNICAL EDUCATION

BUSINESS

All Courses

TECHNOLOGY EDUCATION

All Courses

3. COMPUTER INTENSIVE

ART and DESIGN

Computer Graphics

BUSINESS

Advanced Computer Applications

Computer Applications

Desktop Publications

Web Technologies

MATH

Intro to Computer Programming in JavaScript 1 & 2

Intro to Computer Science in Python 1 & 2

AP Computer Science In JAVA

AP Computer Science Principles

TECHNOLOGY EDUCATION

CAD 1

CAD 2

PLTW Engineering Courses

4. WORLD LANGUAGE

GERMAN

All Courses

SPANISH

All Courses

COURSE CHANGE REQUESTS

Course change requests must be made prior to, but not later than, the first five (5) days of the semester.

In the event that a course is dropped after the first 5 days, an "F" grade will be assigned.

PORT WASHINGTON HIGH SCHOOL FOUR-YEAR PLAN

Student Name:

Graduation Year:

Career Cluster(s) of Interest:

FRESHMAN YEAR**Semester One**

1. Social Studies (World Studies)
2. English (Comm 1)
3. Science (Biology)
4. Math
5. Health (Personal Development)
- 6.
- 7.
- 8.

Semester Two

1. Social Studies (World Studies)
2. English (Comm 1)
3. Science (Biology)
4. Math
5. Foundations of Fitness (PE 1)
- 6.
- 7.
- 8.

SOPHOMORE YEAR**Semester One**

1. Social Studies (U.S. History, AP US History)
2. English (Communications 2)
3. Science (Chemistry S1, Integrated Science 1)
4. Math
5. PE Elective
- 6.
- 7.
- 8.

Semester Two

1. Social Studies (U.S. History, AP US History)
2. English (Communications 2)
3. Science (Chemistry S2, Integrated Science 2)
4. Math
- 5.
- 6.
- 7.
- 8.

JUNIOR YEAR**Semester One**

1. Social Studies (American Problems & Promises, AP Gov)
2. English (Comm 3, AP Lit/Lang)
3. Math
4. Science (Physics, Science Elective S1)
5. PE Elective
- 6.
- 7.
- 8.

Semester Two

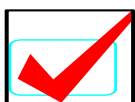
1. Social Studies (American Problems & Promises, AP Gov)
2. English, (Comm 3, AP Lit/AP Lang)
3. Math
4. Science (Physics, Science Elective S2)
- 5.
- 6.
- 7.
- 8.

SENIOR YEAR**Semester One**

1. Social Studies? (elective)
2. English (Composition course, Communication elective)
3. Math? (Algebra or higher needed)
4. Science (elective?)
5. **Personal Finance**
- 6.
- 7.
- 8.

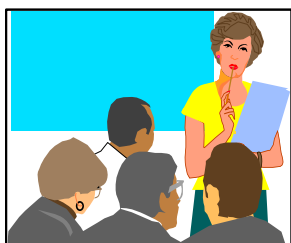
Semester Two

1. Social Studies? (elective)
2. English (Composition course, Communication elective)
3. Math? (Algebra or higher needed)
4. Science (elective?)
- 5.
- 6.
- 7.
- 8.



REQUIREMENTS FOR VARIOUS INSTITUTIONS*

	Two and four year colleges; universities; military academies	Performing and visual arts colleges	Vocational and technical schools	Business schools
Communications	4 years	4 years	4 years	4 years
Social Studies	3-4 years	2-4 years	2-4 years	2-4 years
Math	3-4 years	2-4 years	2-4 years	2-4 years
Science	3-4 years	1-3 years	1-3 years	1-3 years
World Language*	2-4 years	2-4 years	2-4 years	2-4 years
Additional Coursework*	electives from a wide range of areas	fine arts electives	vocational / technical electives	business electives
Other recommendations:	Familiarity with computer skills; extra-curricular activities; and volunteer community activities			
	Many 4 year universities require completion of Algebra 2 for admission.			



Notes:

- * Check with individual institutions for *specific* entrance requirements.

Your school counselor is available to:

help you make good academic decisions

gather information about post-secondary institutions

discuss post-secondary and career planning



Advanced Placement Information

Courses designated as “Advanced Placement” (AP) are college level courses (not college prep courses) that provide challenging course work that may prepare students for an optional exam in May. The content of the courses is extremely challenging and offers students the opportunity to improve their critical thinking skills and their ability to analyze information. Keeping this in mind, students need to consider the workload expectations of these courses when selecting AP classes. The recommendation from the AP teaching staff is no more than three AP classes per school year. If a student chooses to attempt more than three AP classes, the AP staff and school counselor need to be consulted. Requests for independent study for an AP class will be handled directly by the specific AP instructor. The decision to take the exam is the student’s. It is highly recommended that each student discuss this decision with the instructor early in the course, which will allow time for the student to invest the extra time often required to prepare for these challenging exams. AP courses offer students the advantage of earning not only high school credit, but depending on their scores and college policies, college credit and/or advanced standing. To check college policies on AP credit go to <https://apstudent.collegeboard.org/creditandplacement>.

Advanced Placement course offerings include:

- Advanced (College) Accounting
- AP Art and Design
- AP Biology
- AP Calculus 1—AB
- AP Calculus 2—BC
- AP Chemistry (offered in 2023-2024 and alternating years)
- AP Computer Science in Java
- AP Computer Science Principles
- AP English Literature/Composition
- AP English Language and Composition
- AP Environmental Science
- AP Modern European History
- AP Music Theory
- AP Physics 1—AP Physics Calculus Mechanics
- AP Physics Calculus Electricity and Magnetism
- AP Psychology
- AP Statistics
- AP US Government and Politics
- AP US History

Please see individual departments for full course description.

All AP courses and Project Lead the Way courses are on a weighted grade scale.

Cooperative Academic Partnership Program

CAPP is a UW Oshkosh initiative and collaboration with participating high schools to provide academically capable students an opportunity to earn college credit while still in high school. It is a concurrent enrollment program, meaning courses are taught for the most part during the regular school day, by certified high school teachers who hold adjunct lecturer status with UW Oshkosh. You receive both high school and college credit for your work, thereby decreasing your time to earn a college degree.

If you are a high school student and meet at least one of these requirements, you are eligible to enroll in CAPP courses:

- You are in the upper 30 percentile of your class.
- You have a GPA of at least 2.75 on a 4 point scale.

CAPP COURSE OFFERINGS INCLUDE:

Advanced Accounting (CAPP)
Introduction to Education (CAPP)
Healthy Lifestyles & Physical Activity (CAPP)
Speech Communications (CAPP)

Please see individual departments for full course description.

All CAPP courses are on a weighted grade scale.

Project Lead the Way Information-Science

BIOMEDICAL SCIENCES are a curriculum in our Science Department offered through Project Lead the Way (PLTW).

In the PLTW Biomedical Sciences (BMS) classes, students are introduced to topics such as physiology, genetics, microbiology, and public health. Through hands on lab activities, students examine the processes, structures, and inter-actions of the human body – often playing the role of biomedical professionals. They also explore the prevention, diagnosis and treatment of disease, working to investigate and design innovative solutions to the health challenges of the 21st century. All Project Lead the Way courses are on a weighted grade scale.

Project Lead the Way course offerings include:

- PLTW Principles of Biomedical Science (PBS)
- PLTW Human Body Systems (HBS)
- PLTW Medical Interventions (MI)
- PLTW Biomedical Innovations (BI)

Note: Students who earn an 85% or better in the class *and* score a 70% or better on the final exam may be eligible to receive college credits with PLTW affiliated higher education institutions. Students must confirm with your prospective college/university for their approval.

For more information please visit www.pltw.org . See your student's school counselor..

Please see the Science Department section for full course descriptions.

Project Lead the Way Information-Technology and Engineering

PROJECT LEAD THE WAY (PLTW) is a curriculum in our Technology and Engineering Department. PLTW's approach — using activities, project and problem-based learning — centers on hands-on projects that have real-world applications. The curriculum makes Science, Technology, Engineering, and Math (STEM) relevant and strives to help students understand how the skills they are learning in the classroom may be applied in everyday life. All Project Lead the Way courses are on a weighted grade scale.

Project Lead the Way course offerings include:

- PLTW Introduction to Engineering Design (IED)
- PLTW Principles of Engineering (POE)
- PLTW Digital Electronics (DE)
- PLTW Computer Integrated Manufacturing (CIM)

Note: Students who earn an 85% or better in the class *and* score a 70% or better on the final exam may be eligible to receive college credits with PLTW affiliated higher education institutions. Students must confirm with your prospective college/university for their approval.

For more information please visit www.pltw.org.

Please see the Technology and Engineering Department for full course descriptions.

ART and DESIGN

1050/51 ADVANCED PLACEMENT ART and DESIGN– 1 Credit

Prerequisite: Consent of the High School Art Department based on an application and Google Slideshow presentation. (Please see an art teacher for an application and to initiate this presentation review to receive a signature for approval.) Completed at least 4 semesters of art—1 being Computer Graphics Sophomore, Junior or Senior status.

To enroll in AP Art and Design it is recommended that students have completed 4 semesters of art with 1 being Computer Graphics. Interested students are required to fill out an application and share a Google Slideshow Presentation containing 6 pieces of art representing a broad range of subject matter and use of art media. Admittance to the class will be based on the review of this application and presentation through the Art Department. The most important requirement for this course is a commitment to making art on a more rigorous level. Students will develop a body of art work based on a sustained investigation. Portfolios will be required to be submitted to the College Board if you are a Senior and highly suggested if you are a Junior or Sophomore.

1003 ARTIST STUDIO – ½ Credit (not offered 2024-2025 school year)

Prerequisite: None

Ever wonder what an artist does every day? More than a set of skills or a special “giftedness”, being an artist involves a unique way of interacting with the world. The Artist Studio class puts you in the shoes of the artist in their studio making art every day. Art making strategies, use of materials, and developing a thematic body of art work will be explored both as an individual and in collaboration with other students. This class is recommended for AP Art and Design.

1040 ART in CR8TIVITY – ½ Credit

Prerequisite: None

May be repeated for additional credits.

For beginning and advanced students.

Art in Cr8tivity will be a “HANDS ON” course in artistic pursuits using mix media which includes relief and 3D work. Through utilizing everyday objects and art materials (papers, paint, pencils, plastics, ink, stamps, fabrics, fibers, leather, etc.) students will expand their creativity, critical thinking and problem solving skills while exercising adaptability, collaboration, diligence and decision making. This course is for all students who are interested in inspiring their mind and envisioning new solutions and developing a confidence to take risks. Turn your thoughts and visions into active art. Students may be asked to provide additional supplies.

1028 ART METALS– ½ Credit

Prerequisite: Welding and Fabrication and Sculpture

Art metals is designed to allow students in both Technical Education and Art classes an opportunity to utilize industrial equipment and technologies to create three dimensional projects. Students will learn and apply welding, casting and design and CNC plasma cutting to create unique works of art.

1029 CERAMICS – ½ Credit

Prerequisite: None

For beginning students.

Ceramics will introduce students to the clay process, focusing on basic hand building techniques; pinch, coil and slab. Students will create both functional as well as sculptural forms with an emphasis on personal style and concepts. Students will be introduced to the craft of wheel thrown pottery on a limited basis. Various glaze and surface decoration techniques will be introduced throughout the course providing a wide range of finishing possibilities.

1013 CERAMICS ADVANCED– ½ Credit

Prerequisite: Ceramics

May be repeated for additional credits.

For advanced students.

This course is designed to build upon skills taught in Ceramics. Students will gain a better understanding of hand building and finishing techniques while learning new additive sculpture techniques. Students will expand their critical thinking and problem solving skills to create sculptural works unique to their own artistic direction. Students may be asked to provide additional supplies.

1026 COMMUNITY ART—½ Credit

Prerequisite: Drawing, Painting, and application with an art teachers signature of approval.

May be repeated for additional credits.

For advanced students.

Community Art enhances personal lives, cultures and environments. This course is designed for students who have an interest in the arts and applying their individual strengths and skills towards the visions and ventures of the class and as a group. Students will work together in groups to focus on developing ideas for community arts and inspirational cultural resources. Possible projects include murals, signage and community activities. Please fill out an application if interested in this course through one of your art teachers.

1039 COMPUTER GRAPHICS – ½ Credit

Prerequisite: None

For beginning students.

Discover the amazing world of computer generated art. Students will learn Adobe Photoshop and how to manipulate, layer, collage, and design with images. Basic design strategies, typeface design, and re-appropriating photo images will be explored. This course is recommended for students considering AP Art and Design, and Photography, and a prerequisite for Photography Advanced/Computer Graphics Advanced.

1030 CRAFTS – ½ Credit

Prerequisite: None

For beginning students.

This course is designed for students interested in learning traditional and contemporary crafting techniques. Students will explore materials such as fiber, textiles, papers, beads, glass, leather, and sculpture to produce work that is decorative and functional. Advanced Crafts students will be encouraged to develop and enhance their skills by continuing to study craft methods through individual and group activities. Students may be asked to provide additional supplies.

1007 CRAFTS ADVANCED – ½ Credit

Prerequisite: Crafts

May be repeated for additional credits.

For advanced students.

Advanced Crafts students will be encouraged to develop and enhance their skills by continuing to study craft methods through individual and group activities. This course is designed for students interested in learning traditional and contemporary crafting techniques. Students continue to explore materials such as fiber, textiles, papers, beads, glass, leather, and sculpture to produce work that is decorative and functional. **Dream Catchers, Mosaics, T-Shirts.....** The focus of **Crafts Advanced** is taking ordinary materials and common pedestrian objects and creating a **Renewed Artistic Vision. Reclaim, Refuse, Refurbish, Remake, Restyle, Recycle, Reuse, Reflection, etc.....** will be our environmental and ecological friendly practices in this course. Students may be asked to provide additional supplies.

1009 CREATIVE ARCHITECTURE – ½ Credit

Prerequisite: None

May be repeated for additional credits.

For beginning and advanced students.

This is a great chance to create imaginative and innovative designs inspired by nature, environments, architecture, art, and design. Two dimensional and three dimensional model constructions and general architectural / construction information are all part of this course. This is an artistic and creative approach to environmental, landscape, interior and architectural design. Metals, foils, wires, skewers, scrap woods, foams, bubble wrap, cloth, papers, and found objects could be your construction materials of choice?? Surprise Me!! Supplies used in this class are determined by availability, and with input from individuals and group decisions. Students may be asked to provide additional supplies.

1031 DRAWING – ½ Credit

Prerequisite: None

May be repeated for additional credits.

For beginning and advanced students.

Get over your fear of drawing! Develop personal confidence in your ability to draw and demystify the process of drawing. Students will learn basic drawing skills as well as explore new concepts and contemporary drawing techniques. You will use a variety of pencils, colored pencils, chalk and oil pastels, and charcoal. Students may repeat this class at a more advanced level, where the emphasis will be on individual decision making, personal style development and building a portfolio.

- 1034 *JEWELRY* – ½ Credit
Prerequisite: None
May be repeated for additional credits.
For beginning and advanced students.

This course is designed for students interested in learning traditional and contemporary jewelry techniques. Both two and three-dimensional adornments will be explored using the following materials: metals, wires, semi-precious stones, beads, enamels, and found objects. Advanced Jewelry students will be encouraged to develop and enhance their skills by continuing to study jewelry methods through individual and group activities. Students may be asked to provide additional supplies.

- 1032 *PAINTING* – ½ Credit
Prerequisite: None
May be repeated for additional credits.
For beginning and advanced students.

It's all about the paint. Whether it's thick and applied with a palette knife, a brush, your fingers, or as a transparent wash, it's all about the paint. Traditional and contemporary methods of applying paint will be explored, as well as painting on a variety of surfaces. Students may repeat this class at a more advanced level, where the emphasis will be on individual decision making, personal style development and building a portfolio.

- 1220 *PHOTOGRAPHY* – ½ Credit
Prerequisite: Open to Sophomores, Juniors and Seniors. Computer Graphics is recommended prior.
For beginning students.
16 GB SD card and digital camera are a requirement. (A phone is not a digital camera)

Learning to become a better photographer is the basic purpose of this course. Uploading, saving, editing in Adobe Photoshop and printing will be taught. The Principles of Design, Elements of Art, and composition will be emphasized. This is a digital-based photography class and a **digital camera is a requirement** for the course. Computer Graphics is recommended prior to Photography. This is a prerequisite for Photography Advanced/Computer Graphics Advanced.

- 1052 *PHOTOGRAPHY/COMPUTER GRAPHICS ADVANCED* – ½ Credit
Prerequisite: Photography and Computer Graphics
For advanced students.
16 GB SD card and digital camera are a requirement. (A phone is not a digital camera)

This class is designed to enhance students' knowledge beyond the basics of photography and Adobe Photoshop. The focus will be on developing conceptual and compositional photographs, with initiatives toward individual style, while continuing to incorporate the Elements of Art and Principles of Design. Students will use their own photos while working with Adobe Photoshop, Adobe Illustrator and Adobe InDesign. This is a digital-based photography class and a **digital camera is a requirement for the course**. Other photography processes and techniques may be explored. Students may be asked to provide additional supplies.

- 1035 *SCULPTURE* – ½ Credit
Prerequisite: None
May be repeated for additional credits.
For beginning and advanced students.

This course is designed for students interested in learning three-dimensional techniques to create art. Students will explore and experiment with the following materials: fabrics, foams, paper-mache, plaster wraps, mosaics, metals, wires, foils, leather, natural and found objects, reclaimed, refused, recycled, and reused items. Sculptures will be produced using both additive and subtractive processes as well as assemblages. Advanced Sculpture students will be encouraged to develop and enhance their work and skills by continuing to study sculpture methods through individual and group activities. Students may be asked to provide additional supplies.

BUSINESS

1100/01 ACCOUNTING – 1 Credit
Prerequisite: None

Debits, Credits — what are they? Explore the possibility of a career which is in very high demand and LEARN THE LANGUAGE OF BUSINESS. Accounting focuses on giving students an introduction to how a business maintains and analyzes their finances to ensure success of the business. You will learn to organize and keep financial records for various types of businesses. See how the true heart of a business is often seen through financial records. As the year progresses, you will expand your experiences in Accounting by using Excel, and other programs used in the real world. Accounting is a MUST course for students continuing their education in business, finance, or marketing after high school. Potential to earn credit at MATC (Milwaukee Area Technical College), and College/University Credit. This course is a prerequisite for Advanced Accounting and earning University Credit.

1102/03 ADVANCED CAPP ACCOUNTING – 1 Credit
Prerequisite: Accounting—*Course is for weighted credit.—*Course can be taken for college credit.

Do you want to learn more about corporate finances? Continue your study of accounting and develop your skills and knowledge of accounting. Students will be exposed to accounting theory and specific techniques business use in running daily operations. Topics will include: Inventory, Long-Term Investments and Debt, Depreciation, etc. Students in this course will learn to understand the true decision making skills that Accountants need to possess to do their job effectively. Advanced Accounting is a course all students interested in a field in Accounting should take. **(Students have the opportunity to take this course for 3 credits at UW-Oshkosh (and transfer credits to other Wisconsin universities).**
This course is weighted credit. Students will be strongly encouraged to join our student organization DECA.

1130/31 WORKPLACE LEARNING & BUSINESS COOP – 1 Credit or ½ Credit (can be done per semester)
Prerequisite: Consent of instructor **OR** current enrollment in appropriate Business class

This course provides students to earn credit while at the same time receive on-the-job training at a local business and be paid at the same time. The student schedules his/her classes in the morning and “earn while they learn” at a local business in the afternoon. The employer offers the students an opportunity to further develop his/her skills in a real-world environment. **Student’s will be required to complete weekly attendance logs and check in regularly with the instructor. Student must NOT need credit to graduate.**

***Student must pass all classes in previous semester to enroll.**

***Maximum release time for Workplace Learning & Business Coop will be two periods per day.**

PLEASE NOTE: Enrollment in Workplace Co-op must be completed two weeks prior to the starting date of the semester intended for the class. In addition, keep in mind the additional requirements for the program.

1132 BUSINESS AND EVERYDAY LAW – ½ Credit
Prerequisite: None

This class will introduce students to legal issues such as criminal and civil law, torts, employment law, contractual rights, banking and credit laws, and insurance. Students will gain knowledge on their rights and responsibilities within society. Guest speakers will be welcomed to this classroom to elaborate on various basic legal matters. Local field trips may also be included to enhance learning.

1613 PERSONAL FINANCE – ½ Credit
Prerequisite: Required for graduation, but recommended for grades 11-12

It’s about money! Managing your money is one of the most important skills in the financial times we live in today! Students taking this course will be exposed to several areas of money management and consumerism. Consumerism, financial planning, credit, taxes, saving, banking, and basic financial decision making will all be covered. Most importantly, students will learn the necessary skills and decision-making processes for life on your own. Upon completion of this class, students will feel more confident in their ability to make informed financial decisions. Students will also be exposed to Everfi, an online tool sponsored by Port Washington State Bank, to reinforce concepts taught everyday.

***THIS COURSE IS BEST SUITED FOR GRADES 11-12**

1110/11 INTRODUCTION TO BUSINESS – 1 Credit
Prerequisite: None

This class introduces students to the business world. It will provide students with basic and necessary skills needed for a number of business courses to follow. Students are involved in both group and individual work through project-based learning for much of the year. The following units are covered throughout the year: Types of business ownership, departments within the business (human resources, finance, marketing, etc.), careers, business ethics, entrepreneurship, and business plans. Students will be further acquainted with many aspects of business through guest speakers. Students will be strongly encouraged to join our student organization DECA.

***THIS COURSE IS BEST SUITED FOR GRADES 9-11**

1136 SPORTS and ENTERTAINMENT MARKETING – ½ Credit
Prerequisite: None

There's more to sports than statistics and who won the game! Look behind the scenes of multi-billion dollar industries and find out the business side of sports, entertainment and event planning. This fascinating service area is a growing industry that employs athletes, musicians, stage crew, advertising agents, promotion agents, personal attendants, sports agents, event planners, and numerous other related professionals in management. This course focuses on the marketing strategies of sports and entertainment activities/events. Students explore the content areas of event planning, sponsorships, public image, endorsements, legal issues, ticket sales, recreation marketing and the entertainment industry. Students interested in a wide variety of careers, especially students interested in the field of Business will benefit from this course. Students will be strongly encouraged to join our student organization DECA.

1137 RETAIL and BUSINESS MARKETING – ½ Credit
Prerequisite: None

We all spend a lot of money each year at retailers in our own community. Nationally, billions of dollars a year are spent by consumers in a variety of business and retail settings. Learn the basics of marketing along with the techniques used to lure consumers to spend money at a particular business. Topics covered include: basic economics, 4 p's of marketing, sales and promotion, product development and placement, and an introduction to "tricks of the trade in retail." Students interested in starting their own business or a career in Business are strongly encouraged to take this course and all students will be strongly encouraged to join our student organization DECA. ***Students maybe required to work school store as part of assessments/projects.**

1135 SOCIAL MEDIA MARKETING – ½ Credit
Prerequisite: Students will be required to create various social media accounts.
Open to Sophomores, Juniors, or Seniors

Twitter, Facebook, Pinterest, LinkedIn, Snapchat, etc.? The marketing techniques used by companies and organizations is constantly changing. In today's technology-driven society, companies/organizations may be behind their competition if not up to date with social media. **This class is intended to be a 'hands on' - more 'doing' rather than 'reading about'.** Students will learn about the major social media trends in business. Students in this class will be creating a social media marketing presence for a real organization! You will be working with outside sources to help bring success to that organization and develop real-life Social Media opportunities.. Students will be strongly encouraged to join our student organization DECA. Real-time social media simulations will be used.

1109 COMPUTER APPLICATIONS – ½ Credit
Prerequisite: None

This computer class includes units in Microsoft Word, Excel, and PowerPoint as well as learning advanced features of the Google Suite (Google Apps). Students will be exposed to learn to use each of the two “production” software options. Skills learned in this course will be applicable for students in classes at the high school for the next step in their life. The course is designed to take students current knowledge of the programs to the next level giving them a workable knowledge of the programs. Students intending to major in a business related area will benefit greatly as they will be taking a very similar course at the college level.

This course can be used as a Computer Intensive course for graduation requirements.

1121 DESKTOP PUBLISHING – ½ Credit
Prerequisite: None

This computer intensive course will introduce students to the features of Adobe InDesign. Students will be introduced to basic design principles that should be utilized when planning and designing common business documents, including brochures, restaurant menus, advertisements, flyers, etc.

This course can be used as a Computer Intensive course for graduation requirements.

1140 WEB TECHNOLOGIES – ½ Credit
Prerequisite: None

This computer intensive course will provide opportunities to enhance keyboarding skills as well as introduce students to many free web applications available today for academic and personal use. Online presentation tools, photo editing tools, and movie-making are just a few of the different types of web applications that will be covered throughout the course. **This course can be used as a Computer Intensive course for graduation requirements.**

COMMUNICATIONS

The 4th year of Communications must be either a half-credit required senior writing course and a half-credit Communications elective OR a full-credit Advanced Placement English course. Students may choose between “Composition and Popular Literature” and “Composition and the Human Experience” for the half-credit elective, and “AP Language and Composition” and “AP Literature and Composition” for the full-credit AP course.

1244/45 ADVANCED PLACEMENT ENGLISH LITERATURE and COMPOSITION – 1 Credit

Prerequisite: Open to Juniors and Seniors.

If taken as a Junior: B average or better in Communications 1, Communications 2 and/or Honors Communications 1, Honors Communications 2. It is strongly advised that a student’s Aspire Reading score be at or above a 423. If taken as a Senior: B average or better in Communications 1, Communications 2 and Communications 3 and/or Honors Communications 1, Honors Communications 2. It is strongly advised that a student’s ACT Reading score be at or above a 22. Consent of the instructor.

This college-level class is all about diving deep into the big ideas found in works of classical and contemporary literature. The course is thought-provoking and fast paced, with significant expectations as far as the volume of reading and formal writing expected of students. Therefore, a love for reading and a strong work ethic is a *MUST*. Throughout the course, we will read and discuss novels, plays, and poetry from authors of various historical and cultural backgrounds. Students will be asked to interpret and discover meaning in literature through being attentive to the author’s style and use of various literary techniques. Additionally, the course focuses on developing the writing process as students compose analytical papers that integrate textual support, while also steadily working on impromptu skills through in-class essays. Benefits to this rigorous course include college Freshman English credit pending a passing AP exam score, as well as the advantage of college level work in high school which contributes to a smooth transition to college English classes and college-level writing expectations. (Students are responsible for knowing the AP policies for credit at the college or university they will be attending.) This course may be substituted in place of Communications 3 if taken the Junior year.

1271/72 ADVANCED PLACEMENT ENGLISH LANGUAGE and COMPOSITION – 1 Credit

Prerequisite: Open to Juniors and Seniors.

If taken as a Junior: B average or better in Communications 1, Communications 2 and/or Honors Communications 1, Honors Communications 2. It is strongly advised that a student’s Aspire Reading score be at or above a 423. If taken as a Senior: B average or better in Communications 1, Communications 2 and Communications 3 and/or Honors Communications 1, Honors Communications 2. It is strongly advised that a student’s ACT Reading score be at or above a 22. Consent of the instructor.

This college-level class is comparable to the first English class required at most colleges and universities. We focus primarily on non-fiction text as we seek to understand the connections between the rhetorical elements of speaker, audience, subject, purpose, method, and tone in creating effective writing. In addition, grammar is studied in depth as a marker of style in writing. This course is designed to help students who are ready for college level work become skilled readers and writers who write for a range of audiences and a variety of purposes as we undertake formal essays and on demand writing in the form of in-class essays. Built into every unit are at least two graded seminar discussions that are used as stepping stones to the writing process. A summer reading and writing assignment is also required and will be applied toward the first quarter grade. Solid performance in this class can provide a helpful transition to college-level reading and writing expectations in English as well as college Freshman English credit pending a passing AP exam score. (Students are responsible for knowing the AP policies for credit at the college or university they will be attending.) This course may be substituted in place of Communications 3 if taken the Junior year.

1273 COMPOSITION & POPULAR LITERATURE – ½ Credit

Prerequisite: Communications 1, Communications 2 (or Honors equivalent), Communications 3 or AP Language and Composition.

This course emphasizes writing, reading, and oral communications skills in preparation for a technical, two- or four-year college education and the workforce beyond high school. The focus of the course revolves around the self, addressing the questions “Where have I been? Where am I now? Where do I want to be in the future?” Students will reflect on their strengths and weaknesses, goals and dreams, and incorporate these traits and ideas into writing to answer these questions. The course will also focus on writing with real world applications such as cover letters, resumes and job applications, along with reviewing skills in essay writing and revision. Speaking experiences including impromptu, special occasion speeches, presentations, and mock job interviews highlight oral communication skills necessary for future success.

1274 COMPOSITION AND THE HUMAN EXPERIENCE – ½ Credit
Prerequisite: Communications 3 or AP Language and Composition or AP Literature

The focus of this course is to prepare students to succeed in introductory college English courses. Students will explore our common human experience through writing, discussion, group activities, debates, reading literature, and film and print stories. The course provides opportunities to reflect on various themes across cultures, demographics, and time periods, ultimately connecting to the students' own lives. They will consider their beliefs and passions, looking both at the past and toward the future. There are a variety of writing experiences, including an online component. This class fulfills the half credit of required writing coursework for senior year Communications.

1200/01 COMMUNICATIONS 1 - 1 Credit
Prerequisite: None

Emphasis will be placed on reading, writing, and oral communication skills. The course will focus on short stories, drama, the novel, poetry, nonfiction and persuasion. Students will be expected to become familiar with these elements in preparation of future communications classes as well as communication life skills.

1265/66 HONORS COMMUNICATIONS 1 (Pre-AP) - 1 Credit

Pre-AP Communications 1 is for students who wish to become advanced and be further challenged in communications. Critical thinking skills will be a focus of this class as this course is meant to prepare students for prospective Advanced Placement communications courses. Coursework will focus on reading and analyzing literature as well as speaking and listening skills. Students will plan, draft and complete a variety of written compositions on a regular basis. Students are expected to advocate, participate, and take part in discussions daily. Topics for study include short stories, technical reading/writing, speech, drama, novels, poetry, nonfiction and persuasive writing. **Placement will be determined by the Communications Department.**

1241/42 COMMUNICATIONS 2 – 1 Credit
Prerequisite: Communications 1

This course will reinforce reading, writing and oral communications skills while exploring nonfiction, drama, the short story, poetry and the novel with an emphasis on the overlapping and cross-curricular content and themes in American history and its literature. Students will develop skills in a variety of kinds of writing, speaking and discussion. Students will also complete a research project that will involve both a paper and a speech.

1269/70 HONORS COMMUNICATIONS 2 (Pre-AP) – 1 Credit
Prerequisite: Communication 1

Pre-AP Communications 2 students can expect to engage in a more rigorous and comprehensive study of reading, writing and oral communications skills while exploring nonfiction, drama, short story, poetry, and the novel with an emphasis on the overlapping and cross-curricular content and themes in American history and its literature. Pre-AP communication students are expected to be more self-directed and to demonstrate a greater initiative towards their learning. Students will refine and improve their analytical, written, and discussion skills in preparation for taking either of the two Advanced Placement English courses. **Placement will be determined by the Communications Department, and successful completion of the summer assignment is required.**

1275/76 COMMUNICATIONS 3—1 Credit
Prerequisite: Communications 1 and Communications 2 or Honors Communications 1 and Honors Communication 2

This course is designed to further develop Communications skills needed to transition into higher education or the workforce. Students will enhance their reading, writing, speaking and critical thinking skills to communicate more effectively with others and to understand how words can make change in the world through an author's intentional choices and language use. Readings vary widely, from independent reading selections, to whole-class novels and plays, to short articles, fiction, and poetry. Students will develop as writers both in creative and academic spheres as they learn to develop their voice and technique in writing. Discussion, collaborative workshops, formal and informal writing, examination of media texts, speeches, and periodic quizzes serve as the assessments in this course in addition to comprehensive semester exams. Focused test preparation for the reading, language, and writing portions of the ACT is also addressed in this course.

1251 CONTEMPORARY LITERATURE – ½ Credit
Prerequisite: Communications 1 and 2 or Honors Communications 1 and 2

Contemporary Literature is an opportunity to explore many different genres of literature, both in print and film, and understand the messages they present about contemporary society. Memoir, science fiction, and realistic fiction are some of the genres considered. The texts considered approach social and cultural issues in our world and offer students the chance to respond to and engage in the issues through writing and discussion activities. The focus will be on exploring relevant connections between the reading, contemporary society, and themselves.

1214 CREATIVE WRITING – ½ Credit
Prerequisite: Communications 1

What will you do in Creative Writing? Write something new every day. Prioritize volume over perfection, at least at first. Attempt new genres and new techniques. Refine your work until it's satisfying to you and your audience. Work toward publication. Begin to define your own style. See how becoming a writer can change your life. In Creative Writing, we write all kinds of things, from silly to serious, from traditional to experimental. We will read like writers, watching how authors can use small moves to make words sing. We will collaborate with one another, learning how to give and receive constructive feedback that pushes writing to the next level. We'll also learn how creative writing can be an important foundational skill in many different kinds of careers--even ones you may not expect. Sign up for this course and find the freedom to tell your own story and strengthen your writing skills.

The following courses are mass communication and performance oriented classes that fulfill elective credit for graduation. However, these classes may or may not be accepted for college admission requirements in English. Students must confirm with prospective colleges/universities for their approval.

1237 COMMUNICATION FOR PUBLICATION – ½ Credit
Prerequisite: No prerequisite first semester. Teacher approval required for further semester enrollment. A one week summer workshop (typically the 3rd week of July) is required for veteran staff after completion of the first semester. Open to grades 9-12

This course is designed to engage the interested and/or involved Communications student and serve as an opportunity to learn textual design and real-life publication with a specific audience in mind. Students will meet standards and expectations of photography, journalism, discussion, graphic design layout, creative and nonfiction writing, online development and team building. The majority of assessments are project-based and students are required to work both individually and with a team. All student work will have potential for mass publication in the Port Washington High School Annual. Veteran staff expectations and responsibilities increase upon further enrollment. **This class will fulfill half of an elective credit required for graduation.**

1211 MEDIA PRODUCTION I ½ Credit
Prerequisite: No prerequisite. The course is open to grades 10-12.

This is a one-semester overview of media and video production. Students are expected to evaluate and create various types of media. Major units of study include Media bias and manipulation, intro to video production, broadcast journalism, commercial production, and social media content and production. Students are required to participate in the school's video announcements. **This course will fulfill one-half of a Communication credit for graduation.**

- 1212 MEDIA PRODUCTION 2 (with video production) - ½ Credit
Prerequisite: Successful completion of Media Production 1 and teacher approval required.
Open to grades 11-12

This is a one-semester course that will be an in-depth study of media production including film study, screenwriting and filmmaking, and production for publication on PDubTV. Students are required to participate in the school's video announcements and create content for the YouTube channel, PDubTV. **This class will fulfill one half elective credit required for graduation.**

- 1250 SPEECH COMMUNICATION CAPP ½ Credit
Communication 111 Introduction to Public Speaking—Fall Semester
Prerequisite: Communications 1

Introduction to Public Speaking will introduce the skills necessary to successfully construct and communicate ideas and positions throughout the college experience, in future professions, and in civic interactions. Upon completing this course, professors will assume students are able to write and deliver a presentation that is organized, audience-centered, researched and logical. Students have the opportunity to take this course for 3 credits through UW-Oshkosh (and transfer credits to other Wisconsin universities). **This class will fulfill one half of a Communications credit for graduation.**

- 1225 SPEECH COMMUNICATION ½ Credit
Spring Semester
Prerequisite: Communications 1

Speech Communication will provide excellent experience in a wide variety of speaking situations, from informal conversation techniques to more traditional speaking situations. The course will focus on basic speech communication theory, public speaking skills and speech writing, group communication, and oral interpretation. Students will also gain awareness of effective listening skills and skills to manage stage fright. This class will fulfill one half of a Communications credit for graduation. **This class will fulfill one half of a Communications credit for graduation.**

- 1229 COLLEGE AND CAREER PREP—½ Credit
Prerequisite: Communications 1. Open to students in grades 10-12

College and Career Readiness will focus on developing skills for the English (language arts) section of the ACT using Methodize test practice. Students will develop effective reading strategies, hone the mechanics of their writing through direct instruction in grammar and usage, and refine their communication skills in academic discussions on topics related to life and the workplace. In addition, students will learn various processes of college entrance such as requesting letters of recommendation, writing the college entrance essays, and finding scholarships. Students will visit a college fair and have opportunities with guest speakers from various professional backgrounds. The course will empower students to make more informed decisions about their academic future and will serve as a resource for anyone who is interested in the college admission process. **This class will fulfill one half of a Communications credit for graduation.**

MATHEMATICS

In the Algebra - Geometry - Algebra 2 - Pre-Calculus sequence, the mathematics department feels that a grade of a "C-" or better should be achieved in a prerequisite course if a student is going to be able to achieve well in the following course. Students pursuing post-secondary education are strongly encouraged to complete four years of math. Please check with the Student Services staff for specific math requirements.

1932/33 PRE-ALGEBRA – 1 Credit

Prerequisite: Students with a C average or better in Algebra 1 may not enroll

Pre-Algebra is organized around topics. Each unit of study expands the central ideas of number sense, algebra, statistics and logic. Students see and use mathematics as a tool with which to investigate and explore new math concepts and generalizations. Scientific calculators are required.

1948/49 COMPREHENSIVE MATH – 1 Credit

Prerequisite: C- average or better in Pre-Algebra or less than a C average in Algebra 1

Comprehensive Math is a general review of basic math concepts, an extension of the Algebra skills learned in Pre-Algebra, and a thorough introduction to the study of Geometry, Trigonometry, and Statistics. The learning targets for this course are designed to support math students to find success in a variety of mathematical topics from functions, geometry, statistics and probability, to algebraic skills. Calculators are required.

1908/09 ALGEBRA 1 – 1 Credit

Prerequisite: Recommendation of 8th grade math teacher or previous year's teacher.

Algebra 1 is a course designed to develop manipulative and problem solving skills for advanced mathematics. It reinforces the arithmetic skills and theory developed in earlier grades and extends them through manipulation of general quantities (variables) and real numbers. Calculators are required.

1910/11 GEOMETRY – 1 Credit

Prerequisite: Algebra 1.

This course offers an explanation of the basic structure of geometry. Students will learn how to read and understand geometric terms, symbols, diagrams, charts and figures. Students will apply geometric vocabulary, write formal justifications, review algebra by applying it to geometric concepts and develop logical reasoning skills. Students will also utilize technology to enhance their understanding of geometry and to explore real life applications. Scientific calculators are required.

1930/31 HONORS GEOMETRY – 1 Credit

Prerequisite: Math teacher recommendation. ***Students must have completed Algebra 1 with a minimum 2nd semester grade of a B.*** This course is designed for the self-motivated, advanced math student.

This course is designed for the advanced math student. There will be an intense pace and a rigorous study of proofs. Students will need strong Algebra skills and be able to apply them to geometric concepts. Topics covered in the course will be similar to those listed in Geometry. Several times throughout the year the students will be challenged with in-school math competitions.

1912/13 ALGEBRA 2 - 1 Credit

Prerequisite: Geometry

An introduction to the basic concepts of advanced high school algebra is presented. Particular topics include functions, systems of equations, matrices, rational expressions, complex numbers, and trigonometry. Graphing calculators are required.

1926/27 HONORS ALGEBRA 2 – 1 Credit

Prerequisite: Math teacher recommendation

This course is designed for the advanced math student. There will be a more intense and faster paced study of advanced high school Algebra. The course will cover the core curriculum of Algebra 2 plus additional topics. Graphing calculators are required. Several times throughout the year the students will be challenged with in-school math competitions.

1914/15 TRANSITIONAL MATH – 1 Credit

Prerequisite: C average or less in Algebra 2, or consent of most recent math teacher

This course is designed for students who have completed Algebra 2 and would like another year of math without going on to Pre-Calculus. Various Algebra 2 topics are revisited from an application-based standpoint. Statistics, Probability, and some Pre-Calculus topics are also included. Graphing calculators are integrated throughout the course to aid in the problem solving process. Calculator is currently recommended.

1950/51 ADVANCED PLACEMENT STATISTICS – 1 Credit

Prerequisite: Successful completion of Algebra 2 (C- average with a minimum of a C- in the second semester)

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inference. A Texas Instruments calculator with statistical capabilities is required for this course. Students taking the course may not exempt the first semester final exam. Students may take the Advanced Placement Statistics exam on the scheduled date, usually during May.

1952/53 PRE-CALCULUS – 1 Credit

Prerequisite: C- or better in Algebra 2 and a minimum of a C- in Semester 2.

Pre-calculus is the culmination of four years of high school mathematics and an excellent introduction to any college math course the student may be required to take. The function is the underlying concept with extended treatment in polynomial, logarithmic, exponential, and circular functions. Other topics covered include conic sections, limits, analytic trigonometry, matrices, statistics and probability. Graphing calculators are required.

1954/55 HONORS PRE-CALCULUS – 1 Credit

Prerequisite: Honors Algebra 2 or Math teacher recommendation

This course is designed for the advanced math student. The course content includes Pre-Calculus topics, but starts Calculus in Quarter 4. Graphing calculators are required. Several times throughout the year the students will be challenged with in-school math competitions.

1943/44 ADVANCED PLACEMENT CALCULUS 1 AB– 1 Credit

Prerequisite: Pre-Calculus

This course is designed to acquaint the motivated mathematics student with the fundamental concepts of Calculus. Topics include limits, derivatives with application and integrals with application. Students may not exempt exams. Graphing calculators are required for this course. The Advanced Placement exam is taken during the fourth quarter. Several times throughout the year the students will be challenged with in-school math competitions.

1956/57 ADVANCED PLACEMENT CALCULUS 2 BC – 1 Credit

Prerequisite: Honors Pre-Calculus or AP Calculus 1AB

This course is designed for the student who has completed Honors Pre-Calculus or Advanced Placement Calculus 1. The course will review differential calculus. The new material will start with Integral Calculus. The course will cover the Advanced Placement Calculus BC curriculum, plus additional topics. Students may not final exams. Several times throughout the year the students will be challenged with in-school math competitions.

1920/21 MATH STUDY HALL – No Credit

This is a study hall in which students have the opportunity to ask for mathematical help from one of our math teachers.

1916/19 ALGEBRA READINESS– 1 Credit

Algebra Readiness is to be taken concurrently with Algebra 1. Students will strengthen their foundational math skills and solidify the Algebra 1 standards. Placement for Algebra Readiness will be determined by the Math department.

COMPUTER SCIENCE

Computer Science courses offer students, 9th – 12th grade, an exciting opportunity to work with and understand the ins and outs of computer programming. These courses are run through the PWSH Mathematics Department but credits earned for these courses will not count towards the required three credits of Math for graduation. They will instead count towards elective credits. The six courses involve coding in multiple languages; JavaScript, Python, and Java. They also provide students with the opportunity to take two different Advanced Placement courses in the field of Computer Science providing them the opportunity to earn college credit. Come and explore one of the fastest growing industries in the world and see how it relates to your everyday life.

2015 JAVASCRIPT— ½ Credit

Prerequisite: None

Offered in 2025-2026 – Offered in alternating years.

Students will learn the foundations of computer science and basic programming in JavaScript, with an emphasis on helping students develop logical thinking and problem solving skills. By the end of the semester, students will be able to create simple games that can be played on the computer or on mobile phones!

2033 CYBERSECURITY— ½ Credit

Prerequisite: None

Offered in 2025-2026 – Offered in alternating years.

As our world becomes increasingly dependent on technology, cybersecurity is a topic of growing importance. It is crucial that companies and individuals take precautions to protect themselves from the growing threat of cyber attacks. This course prepares students with crucial skills to be responsible citizens in a digital future. Topics covered will include networking fundamentals, software security, system administration, and the basics of cryptography and programming.

1945/46 ADVANCED PLACEMENT COMPUTER SCIENCE in JAVA – 1 Credit

Prerequisite: Intro to Computer Science in JavaScript, or Python.

Offered in 2025-2026 – Offered in alternating years.

This course is intended for the student who has completed the introduction to computer science courses and would like to experience the rigor of a college level programming course. The course will teach the theory of object oriented programming emphasizing inheritance and encapsulation using the latest version of the JAVA programming language. Part of the focus of the class will be to instruct students on how to take a traditional paper and pencil test assessing knowledge of programming practices.

2016 PYTHON—½ Credit

Prerequisite: None

Offered in 2024-2025 – Offered in alternating years.

Students will learn the fundamentals of computer programming as well as some advanced features on the Python language. Students will use what they learn in this course to build simple console-based games.

2036 WEB DESIGN —½ Credit

Prerequisite: None

Offered in 2024-2025 – Offered in alternating years.

In today's world, web pages are the most common medium for sharing ideas and information. Learning to design websites is an incredibly useful skill for any career path. This project-based course will teach students how to build their own web pages using the languages HTML and CSS. They will also create their own live homepages to serve as portfolios of their creations. By the end of this course, students will be able to explain how web pages are developed and viewed on the internet, analyze and fix errors in existing websites, and create their very own multi-page websites. Students will learn the foundations of user interface design, rapid prototyping and user testing, and will work together to create professional, mobile responsive websites.

1903/04 AP COMPUTER SCIENCE PRINCIPLES

Prerequisites: JavaScript or Python

Offered in 2024-2025 – Offered in alternating years.

This year-long course introduces students to the foundational concepts of computer science and explores the impact that computing and technology have on our society. Students learn about the internet, digital information, programming, and data while applying these concepts through creative projects. This course is designed to help students successfully pass the optional AP Computer Science Principles assessment at the end of the school year, which can earn students college credit.

MUSIC

2017/20 ADVANCED PLACEMENT MUSIC THEORY – 1 Credit

Offered in 2025-2026 – Offered in alternating years.

Prerequisite: Knowledge of music notation and consent of instructor

AP Music Theory is the study of the technical aspects of putting the composer's creative ideas on paper. Work centers around pitches, rhythms, rests, key signatures and time signatures. Time will also be spent on aspects of ear training and melodic dictation. Training here will equip the student to take the AP Music Theory Exam. Students may not exempt the first semester final exam.

2000/01 CONCERT CHOIR – 1 Credit

Prerequisite: Audition and consent of instructor

The Concert Choir will be a balanced ensemble of advanced level vocalists comprising soprano, alto, tenor, and bass voices available through the audition process. Music chosen for study will include various genres from chant to Broadway musical. It will further include music from the major composers whose names have served as benchmarks in music history throughout the ages. Class work will deal with technical aspects of singing, how voice functions, and will also include work in ear training, tonal memory skills and sight reading. Opportunities will also be available for solo and small group participation. Ensemble performances outside of the school day are a graded expectation of the course.

2010/11 TREBLE CHOIR – 1 Credit

Prerequisite: Audition and consent of instructor

The Treble Choir is comprised of singers in a first soprano, second soprano, and alto voicing (SSA) **through an auditioned process**. This is an intermediate level choir for those students having had prior vocal experience. Music chosen for performance will consist of sacred and secular literature of various time periods scored for SSA. Time will be spent furthering knowledge in ear training, breath support, vocal techniques and musical style. Participation in solo and ensemble will be encouraged. Ensemble performances outside of the school day are a graded expectation of the course.

2003/04 MIXED CHORUS – 1 Credit

Prerequisite: None

This chorus is the ideal choral music experience for the younger and/or less experienced vocal musician. A great deal of emphasis is placed upon age appropriate production of tone, interpretation and musical style. Music selected will represent major choral music composers of various historical periods whose music is suitable for the younger voice. Solo and ensemble participation will be encouraged. Ensemble performances outside of the school day are a graded expectation of the course.

2024/25 LIMITED EDITION – 1 Credit

Prerequisite: Concurrent enrollment in Concert Choir and consent of instructor

Limited Edition is an ensemble of 16-24 students comprising soprano, alto, and bass voices available through the audition process. The class explores the various styles and periods of jazz with a beginning emphasis on improvisation and music theory. Opportunities for performance include three performances in a concert setting, one concert focusing on jazz ensembles, and many other community performances throughout the year. The ensemble travels with the Concert Choir every other year to a national music festival as well as district and state solo ensemble competitions.

2007/08 SYMPHONIC WINDS – 1 Credit

Prerequisite: Successful completion of Concert Band, and demonstration of appropriate musical skills

The Symphonic Winds is a group of instrumentalists that have demonstrated an intermediate knowledge and proficiency on their instruments as well as music literacy. **Symphonic Winds accepts members by audition only.** This ensemble plays advanced level band literature that is both technically and musically challenging and equally rewarding. The ensemble participates at a wide variety of events throughout the school year. Ensemble performances outside the school day are a graded expectation of the course.

2030/31 CONCERT BAND – 1 Credit

This class is for all incoming freshmen and students new to high school band. There is no audition necessary. The Concert Band focuses on preparing instrumentalists to enter the Symphonic Winds. Students will work on developing their skills in key signature and time signature recognition, as well as extensive work on scales and articulation. The music played is fun, but also challenging for the developing musician. The ensemble participates at a wide variety of events throughout the school year. Ensemble performances outside of the school day are a graded expectation of the course.

2022/23 JAZZ ENSEMBLE – 1 Credit

Prerequisite: Audition and concurrent enrollment in a concert ensemble.
Enrollment in Symphonic Winds preferred.

The Jazz Ensemble studies and performs a wide variety of music, including Dixieland, Swing, Latin, and Rock. Emphasis will be placed on sight-reading, ear training and improvisation, as well as the cultural and historical background of the music. The Jazz Ensemble performs in concerts and festivals as well as school and community events. Opportunities for small jazz combo playing will be provided. Ensemble performances outside of the school day are a graded expectation of the course.

2014 MUSIC COMPOSITION ARRANGING AND THEORY – ½ Credit

Offered in 2024- 2025 – Offered in alternating years.

Prerequisite: None

This course is aimed at any student hoping to learn more about music and music creation. We will begin with an overview of keys, chords, melody, and harmony to develop a solid foundation in music theory. We will use this knowledge to analyze and create music of our own while studying the different characteristics of musical styles, and trying to better understand our perception of music to understand how and why music can affect our emotions.

SCIENCE

2230/31 ADVANCED PLACEMENT BIOLOGY – 1 Credit

Prerequisite: B or higher in Chemistry—*Honors Biology suggested

Advanced Placement Biology is a college level course designed to use inquiry-based learning as a means to explore biological concepts on an in-depth level in preparation for earning college credit through successful completion of the AP Biology Exam each May. With the level of rigor this course demands, independent and cooperative learning, the ability to read scientific text, and application of those skills are continually stressed. This course is beneficial for those students pursuing careers in the biological sciences and medicine (including nursing, athletic training, physical therapy, biomedical engineering, etc.). Students may not exempt the first semester final exam.

In order to comply with the College Board AP Guidelines, this course will require an AP science lab where time will be utilized for laboratory work.

2232/33 ADVANCED PLACEMENT CHEMISTRY – 1 Credit Offered in 2025-2026 – Offered in alternating years.

Prerequisite: B average or better in Chemistry and Algebra 2—*Honors Chemistry suggested

This course provides the opportunity for the college bound student to reinforce the basics of chemistry including procedures and laboratory techniques. Students will experience problem solving activities and labs that will prepare them for successful completion of college level chemistry and the Advanced Placement Chemistry examination offered in May each year. Scores earned on this exam may allow the students to earn college credit. Students may not exempt the first semester final exam.

In order to comply with the College Board AP Guidelines, this course will require an AP science lab where time will be utilized for laboratory work.

2258/59 ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE– 1 Credit Offered in 2025-2026 – Offered in alternating years.

Prerequisite: C average or better in Algebra 1 and Biology

The AP Environmental Science (APES) course is the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

2142/43 ADVANCED PLACEMENT PHYSICS I/AP PHYSICS CALCULUS MECHANICS– 1 Credit

Prerequisite: A or B grade in Honors Physics or Physics. Students may take AP Physics I/AP Physics CM as their 1st Physics class if they earned an “A” grade in Geometry and Chemistry and are concurrently taking (or have taken) Advanced Algebra

Advanced Placement Physics is a college level physics course. This class is beneficial for students planning careers in engineering, science, and other technical fields. Students that pass the AP Physics exam may earn college credit. The class requires extensive use of algebra, trigonometry, lab skills and problem solving abilities. Students taking the class concurrent with AP Calculus AB or BC should take the AP Physics C- Mechanics test. Students may not exempt the first semester final exam. In order to comply with the College Board AP Guidelines, this course will require an AP science lab where time will be utilized for laboratory work.

In order to comply with the College Board AP Guidelines, this course will require an AP science lab where time will be utilized for laboratory work.

2144/45 ADVANCED PLACEMENT PHYSICS CALCULUS ELECTRICITY AND MAGNETISM– 1 Credit

Prerequisite: AP Physics I/AP Physics CM, concurrently taking AP Calculus

Advanced Placement Physics C E & M is a college level physics course. This class is beneficial for students planning careers in engineering, science, and other technical fields. Students that pass the AP Physics exam may earn college credit. The class requires extensive use of algebra, trigonometry, calculus and problem solving skills. Students may not exempt the first semester final exam.

In order to comply with the College Board AP Guidelines, this course will require an AP science lab where time will be utilized for laboratory work.

2205/06 BIOLOGY – 1 Credit
Prerequisite: None

Biology, the study of living organisms, will be studied through the use of storylining. Storylining integrates the concepts of science within storyline units that lead to authentic, real-world phenomena and problem-solving. Students will have the opportunity to transfer their conceptual understanding of biological content to new situations as they move into new storylines. This active learning pedagogy focuses on collaborative problem-solving, higher-level critical thinking, and productive struggle, which leads to a self-directed learner as the end result. Supported by the National Framework and the Next Generation Science Standards (NGSS), these biology standards are spiraled throughout the course, giving students an appreciation of the complexity and connections between biological content and the world.

2295 INTEGRATED SCIENCE 1 – ½ Credit
Prerequisite: None

Integrated Science 1 is an introductory semester long chemistry course with less emphasis on math. The subjects covered are: properties of matter, atomic theory and structure, periodic table, chemical bonding, chemical reactions, and acids and bases. Integrated Science 1 is a hands-on course geared as an introduction to chemistry class or for the student not pursuing a science related field.

2211/12 CHEMISTRY – 1 Credit
Prerequisite: C average or better in Algebra 1 and Biology

Chemistry is a course dealing with the structure, composition, behavior, and changes of matter. The main ideas covered in chemistry are safety, atomic theory and structure, nuclear chemistry, electron arrangement, periodic table, bonding and formulas, chemical equations and reactions, organic chemistry, stoichiometry, gas laws, solutions, and acids and bases.

2246/47 HONORS CHEMISTRY - 1 Credit
Prerequisite: B average in Algebra 1 and Biology, or consent of instructor.

This course is designed for the advanced, enthusiastic science student. While the themes covered in this course will closely follow those in Chemistry, topics are covered in more depth. Additional subjects such as thermodynamics, kinetics, and chemical equilibrium will be covered as well. Labs will utilize the inquiry method of learning to lead students to acquiring insight into concepts.

2213 EARTH SCIENCE – ½ Credit
Prerequisite: Two credits of high school science

Earth Science is the study of the earth, its features, the forces that created them and the interactions between these forces. Topics covered include soils, rocks, mountains, glaciers, erosions, earth history, and oceanography. Class activities are designed to give students a better understanding of the nature of their physical environment.

2207/08 HONORS BIOLOGY – 1 Credit
Prerequisite: Placement by the High School Science Department and must be concurrently enrolled in Algebra 1.

Honors Biology is designed for the advanced, motivated science student. While the themes covered in this course closely parallel those in Biology, concepts will be taught in greater depth. Collaborative team learning, critical thinking, problem solving, research, and time management skills are required for success in Honors Biology. Through labs and activities, students will utilize the inquiry method of learning to master the major concepts and to develop the ability to apply acquired knowledge and skills to solve real world problems. **(Placement will be determined by the High School Science Department).**

2228/29 HUMAN ANATOMY & PHYSIOLOGY – 1 Credit

Prerequisite: B average in biology, C average in chemistry.

Human Anatomy and Physiology is a rigorous college preparatory course recommended for those students interested in advanced biology or pursuing a career in a health-related field. This course is designed to study the organ systems of the human body and help the student to understand the need for its proper care and development. The first semester includes an introduction to anatomical terminology, histology, integumentary, skeletal, muscular, and nervous systems. Second semester involves the study of the cardiovascular, respiratory, digestive, urinary, and reproduction systems. Throughout the course, topics concerning current medical issues, disease, body regulation, bioethics, genetics, and health careers are addressed.

2296 INTEGRATED SCIENCE 2 – ½ Credit

Prerequisite: None

Integrated Science 2 is a study of various common energy types, and their source, measurement, and utilization in every day life. Included are radiant, sound, electrical, magnetic, and mechanical energies. The class is laboratory orientated with discussions and demonstrations.

2248/49 HONORS PHYSICS – 1 Credit

Prerequisite: B or better grade in Geometry, concurrently taking or have already passed Algebra 2

Honors Physics is a college prep course that covers the fundamental principles of physics, their experimental basis, and applications. The subjects covered includes measurement, vector analysis, kinematics, dynamics, energy, momentum, fluids, waves, sound, rotation, electricity, magnetism, and light. The topics will be covered at a faster pace and in greater depth than in the regular physics course. The objective of the course is to give students an understanding of the world around us and to prepare students for college physics or related studies.

2216/17 PHYSICS – 1 Credit

Prerequisite: C or better grade in Geometry, concurrently taking or have already passed Algebra 2

Physics is a college preparatory course that covers the major ideas of physics which includes measurement, vector analysis, kinematics, dynamics, energy, momentum, fluids, waves, sound, rotation, electricity, magnetism, and light. Emphasis is placed on laboratory work, including the use of computers, plus problem solving that requires the use of algebra.

2219 SPACE SCIENCE – ½ Credit

Prerequisite: Two credits of high school science

Space Science covers the areas of astronomy (12 weeks) and meteorology or weather (6 weeks). The course is a general survey of the physical universe and an examination of the factors that cause changing weather conditions on the earth.

PROJECT LEAD THE WAY (PLTW) is a new curriculum in our Science Department. PLTW's approach — using activities, project and problem-based learning — centers on hands-on projects that have real-world applications. The curriculum makes Science, Technology, Engineering, and Math (STEM) relevant and strives to help students understand how the skills they are learning in the classroom may be applied in everyday life. For more information please visit www.PLTW.org.

2225/26 PLTW PRINCIPLES OF THE BIOMEDICAL SCIENCES (PBS) - 1 Credit

Prerequisite: None

In the first course of the Biomedical Sciences Pathway, students analyze the evidence found at a crime scene and help the medical examiner uncover clues left on a body to solve a mystery. They will question, diagnose, and propose treatment and care for patients in a family medical practice; as well as track down the source of a mysterious outbreak at a local hospital. Finally, students will collaborate with professionals in other fields to innovate and design solutions to local and global medical problems.

2280/81 PLTW HUMAN BODY SYSTEMS (HBS) - 1 Credit

Prerequisite: Successful completion of PBS

Human Body Systems (HBS) is the second of the PLTW **Biomedical Science Courses**. In this project/lab-based course, students will examine the interactions of human body systems as they explore the themes of identity, communication, power, movement, protection, and homeostasis. Students will build organ systems on a skeletal manikin and stop into the role of various biomedical professionals to solve real-life medical mysteries.

2282/83 PLTW MEDICAL INTERVENTIONS (MI) - 1 Credit

Prerequisite: Human Body Systems or Junior/Senior standing with instructor approval

Medical Interventions is the third course in the Biomedical Science Pathway. Students will investigate a variety of interventions through hands on lab experiences related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Interventions may range from simple diagnostic tests to treatment of complex diseases and disorders. Students will be involved in the prevention, diagnosis, and treatment of diseases as they follow the lives of a fictitious family.

2284/85 PLTW BIOMEDICAL INNOVATIONS (BI) - 1 Credit

Prerequisite: Successful completion of Medical Interventions or instructor's approval

The final course of the PLTW Biomedical Science sequence is an independent study course in which students can design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine, physiology, and conduct an independent research project of their choosing.

SOCIAL STUDIES

2326/27 ADVANCED PLACEMENT MODERN EUROPEAN HISTORY – 1 Credit

Prerequisite: US History

The goal of Advanced Placement Modern European History is to provide a basic narrative of events and movements in Europe from the 15th through the 20th centuries. The course will develop an understanding of some of the principle themes in Modern European History, analyze historical evidence, and develop the ability to analyze and express historical understanding in writing. Students may not exempt the first semester final exam.

2341/42 ADVANCED PLACEMENT PSYCHOLOGY – 1 Credit

Prerequisite: US History or Advanced Placement US History

This year-long course examines the basic concepts of individual thought and behavior. Class discussion focuses on the application of psychological theory to real-life situations, such as; parenting, gender differences, puberty, death, sleep, memory improvement, personality, stress, love, and peer pressure. After learning how to plan, implement, and analyze ethical human research, students will also conduct a series of projects. Due to the fast-paced nature of class discussion, consistent attendance and note-taking ability are crucial for comprehension and success in the course. The curriculum is approved by the College Board and is designed to mirror that of an introductory course at the freshmen level of college. Textbook: Myers' Psychology for the AP Course, 3rd Edition by David Myers (purchase required) Worth Publishers/BFW.

2343/44 ADVANCED PLACEMENT UNITED STATES GOVERNMENT and POLITICS – 1 Credit

Prerequisite: Consent of the instructor. Open to Juniors and Seniors.

This course is an intensive study of the formal and informal structures of government and the processes of the American Political system, with an emphasis on policy-making and implementation. The course is designed to prepare students for the AP exam. Topics covered include: Foundations of American Government; Civil Liberties and Civil Rights; Political Parties; Campaigning and Elections; the Congress; the Presidency; Bureaucracy, and Federal Budget; The Judiciary; Public Policy; US Foreign Policy; Legal and Economic Issues. **This course can be substituted in lieu of United States Government and Foreign Policy.**

2316/17 ADVANCED PLACEMENT US HISTORY – 1 Credit

Prerequisite: Consent of instructor. Open to Sophomores, Juniors and Seniors.

This course is designed to prepare and challenge the college bound student to analyze and interpret primary sources. Students will learn to write analytical and research papers and essay examinations. The course traces US History from the discovery and settlement of the new world through the United States since 1974, and prepares students to take the AP US History exam in May. Students may not exempt the first semester final exam. **This course may be substituted in lieu of US History.**

2375/76 UNITED STATE GOVERNMENT AND FOREIGN POLICY – 1 Credit

Prerequisite: US History

The main subject areas covered by United States Government and Foreign Policy include: theories of government (communism, socialism, fascism), American democracy, contemporary American problems, (crime, etc.), economics (social security, labor unions, income tax, stock market, etc.) and foreign relations (American foreign policy, world trouble spot areas).

2306 ANTHROPOLOGY – ½ Credit

Prerequisite: US History

Anthropology is designed to provide the student with a general overview of the “Science of Man”. The three primary subdivisions of anthropology, cultural anthropology, physical anthropology and archaeology, are studied in depth.

2307 CURRENT ISSUES – ½ Credit
Prerequisite: US History

Current Issues is a one semester, elective course designed for students to learn how to express their opinions with their peers in a respectful, open forum. Some of the topics will include what makes a myth and how have they been told in the last century? A few of the myths covered will be that the holocaust never happened, the moon landing was faked, and that the Newtown shooting was created by the government. The class will also debate topics in regards to the drinking age, death penalty, drug testing of students, and cost of college. Along with the debates, students will also take part in a moot court (mock Supreme Court case) in which the class will deal with students' rights while on school grounds. Students will also take part in a field trip to Madison to view a real State Supreme Court Case after the moot court. The focus of Current Issues will be to help students understand controversial topics in society, and be able to support his / her opinions on those topics.

2310 PSYCHOLOGY – ½ Credit
Prerequisite: US History

This semester course examines the basic concepts of individual thought and behavior, and how theory can be applied to real-life situations. 36 modules of study are combined into seven different domains, with topics ranging from life span development and death to psychological disorders and therapy. Each domain is evaluated through module quizzes, which are available for reassessment for those who qualify. After learning how to plan, implement, and analyze ethical human research, students will also conduct a semester survey project. Due to the nature of the course, consistent attendance and note-taking ability are crucial for comprehension and success. This course is geared toward students who desire a greater understanding of the human mind and behavior, and enjoy a discussion-based environment. Students enrolled in this course should expect a less detailed account of information than that presented in AP Psychology.

2311 SOCIOLOGY – ½ Credit
Prerequisite: US History

This semester course examines the basic concepts of culture and social behavior. Class discussion focuses on the application of sociological theory to real-life situations, such as; cultural diversity, social class, adolescence and adulthood, crime and punishment, prejudice and discrimination, marriage and family, politics, education, religion, mass media, and urbanization. Due to the cooperative nature of classroom activities, consistent attendance is crucial for success in the course. Students will also complete a semester research project, the most popular choice being the planning of a wedding.

2312/13 US HISTORY – 1 Credit
Prerequisite: World Studies

US History emphasizes the period from 1900 until 1945 during the first semester. Units include the Progressive Era, the emergence of the US as a world power, the twenties, the Great Depression, the New Deal and World War II. The second semester covers the period from 1945 to the present, and includes a study of the postwar world, the turbulent sixties, the Reagan era, and the challenges of the 90's.

2314/15 WORLD STUDIES – 1 Credit
Prerequisite: None

World Studies is a study of the significant facts and concepts associated with the history, customs, religion and geography of Europe, the major Asian nations (India, China, Japan), Latin America and Africa. There is also an examination of current world cultures (art, music, food, style of dress, etc.) through individual and group projects. Considerable attention is given to recent world affairs and the past is viewed in terms of current forces and problems.

2034/35 Introduction to Education—1 credit (CAPP Course) New Course for the 2024-2025 school year
Open to Juniors and Seniors

This one year course provides you with an introduction to teaching as a profession in the US public education system. The course is meant to lead students through an analysis of what future educators need to understand and practice in order to one day become accomplished teachers or team members in an educational setting. Each student will be given placements at each level of education across our district to work directly with teachers to create lessons and deliver them to students. This course would be ideal for anyone thinking about going into any role in education after high school or someone who wants to understand how a public school system works.

The course is part of the UW-Oshkosh CAPP system that allows for three undergraduate credits if certain requirements are met that can be used towards an education license at many universities or as elective credits if not pursuing an educational degree.

2600/01 YOUTH SERVICE LEARNING – ½ or 1 Credit
Students have the option of taking course in the fall, spring, or both semesters.
Prerequisite: World Studies
Open to Juniors and Seniors
Students will be representing PWHS as volunteers in the YSL class, as such.

Fall semester focus: Childhood, Aging and the Elderly
Spring semester focus: Environmental Issues and Local
Community History

Youth Service Learning is a partnership between school and community providing students an opportunity to learn citizenship by connecting people, programs, and resources. Students provide service time to assist an individual or a social, civic, service or volunteer organization. The curriculum will empower students for the future by helping to develop skills, reinforce subject areas, and improve the community. Youth Service Learning projects will be student selected, designed, implemented, and evaluated. Students will also reflect on each of the projects. Projects will focus on cross-generational understanding, the environment, and community service. The outcomes for students are to foster the development of a sense of caring for others and to understand that students have the power to improve their world through personal involvement. Community service projects include such options as volunteering at a hospital, nursing home, senior citizens center, day care, or tutoring at a school. The course is graded on a pass/fail basis and in order to pass the student must complete a minimum of 55 volunteer hours in approved projects.

TECHNOLOGY AND ENGINEERING EDUCATION

AUTOMOTIVE

2448 SMALL ENGINES—½ Credit
Prerequisite: None

This course will serve as an introduction to our automobile program. Throughout the course, students will learn how to utilize tools, take precise measurements, and gain a full understanding of how an engine runs. Students will also explore problem solving and troubleshooting issues that will better prepare them for success in future automotive courses.

2457 AUTOMOTIVE FOUNDATIONS – ½ Credit
Prerequisite: None

The Automotive Foundations course provides the necessary skill for a home consumer to provide proper maintenance and make informed decisions about purchases and repairs from established businesses. Students will gain a basic knowledge of home repairs and roadside emergency techniques. Students will also learn about automotive insurance, automotive leasing or purchasing to properly budget for the purchase and maintenance of a vehicle. Along with automobile maintenance, students will learn to care for basic small engine equipment such as lawnmowers and snow blowers. The course is well suited for students who want to perform basic service and maintenance on their own vehicle and home equipment throughout their life.

2458 AUTOMOTIVE SYSTEMS – ½ Credit
Prerequisite: Automotive Foundations

In this course auto ignition, charging, cranking systems, lights, power accessories and other electrical systems are studied. Special emphasis is placed upon engine diagnostic and tune-up procedures and includes the use of all related diagnostic, test and tune-up equipment available.

2459 AUTOMOTIVE DIAGNOSTICS– 1 Credit
Prerequisite: Automotive Foundations, Automotive Systems and drivers license

This one semester, two-period course is designed for those students with an interest in pursuing an automotive service related career. The course provides an in-depth study of engine rebuilding, general automotive service, engine testing and diagnostic analysis, fuel injection systems, electrical systems, drive train and power transmission, and body system repairs. Along with activities, the Automotive Diagnosis students will be able to carry out any prior classes' activities and will learn the application of their prior knowledge to automotive diagnosis. There will also be a strong emphasis on customer, parts supplier, and dealership interactions for life skills. Students will have to pick-up, repair, and return vehicles. In doing so, they will have to take customer complaints, road test, and inspection information and apply it to the proper diagnosis, part order, and customer billing.

2426/2427 WORKPLACE LEARNING & TECHNOLOGY (ICE) COOP – 1 Credit or ½ Credit
(can be done per semester)
Prerequisite: Consent of instructor **OR** current enrollment in appropriate Technology class

This course provides students to earn credit while at the same time receive on-the-job training at a local business and be paid at the same time. The student schedules his/her classes in the morning and “earn while they learn” at a local business in the afternoon. The employer offers the students an opportunity to further develop his/her skills in a real-world environment. **Student's will be required to complete weekly attendance logs and check in regularly with the instructor. Student must NOT need credit to graduate.**

***Maximum release time for Workplace Learning & Technology Coop will be two periods per day.**

PLEASE NOTE: Enrollment in Workplace Learning & Technology (ICE) Co-op must be completed two weeks prior to the starting date of the semester intended for the class. In addition, keep in mind the additional requirements for the program.

BUILDING TRADES

2418 RESIDENTIAL WIRING – ½ Credit
Prerequisite: None

The Residential Wiring class provides students the opportunity to gain technical knowledge and experience in the residential wiring phases of the building trades industry. Training is in the basic electricity, blueprint reading, circuits, and the National Electrical Code. Students will learn to design circuits required in the home and will develop proper wiring techniques while wiring common residential circuits.

2480 CONSUMER HOME MAINTENANCE AND REPAIR – ½ Credit
Prerequisite: None

This is a practical course, intended for any student, who will someday rent an apartment or own a home. Students will study a variety of mechanical aspects of a residential dwelling. Students will learn how to perform maintenance, repair, or replacement of plumbing fixtures, electrical fixtures, heating and cooling fixtures, appliances, window and door mechanics, flooring, drywall, furniture, and home exterior.

2414 WOOD MANUFACTURING I – ½ Credit
Prerequisite: None

This course provides an overview of wood product construction and use, material selection, seasoning, purchasing of lumber products, blueprint reading, and job planning. Students develop skills in the safe operation of common woodworking machines and are exposed to mass production procedures common to the woodworking field. Projects are used to practice techniques involving jointery, fasteners, lamination, and assembly. After exploring various finishing processes and techniques, students complete these projects with the finish of their choice.

2428 WOOD MANUFACTURING 2 – ½ Credit
Prerequisite: Wood Manufacturing 1, a C– or better in Wood Manufacturing 1

This course will provide students the opportunity to expand their knowledge and skills involved in wood project construction. Emphasis will be placed on advancing woodworking skills, project design, safe work practices, and the economical use of time and material. Students will plan, design, and build a project(s) of his or her choice.

2429 BUILDING CONSTRUCTION – ½ Credit
Prerequisite: Consumer Home Maintenance, a C– or better in Consumer Home Maintenance

Building Construction offers an opportunity for students to develop the skills, knowledge and attitudes most desirable for entering the construction industry. Students will study the materials and construction methods utilized in the areas of residential carpentry, masonry and concrete. The curriculum emphasizes reading and interpreting building trade-related blueprints, layout, construction material, construction methods, material estimation, and construction safety. **Upon completion of the course and teacher approval students are eligible for ACT 59 credit towards their carpentry apprenticeship program earning 500 hours of work experience.**

DRAFTING AND DESIGN

2409 COMPUTER AIDED DESIGN (CAD) 1 – ½ Credit
Prerequisite: None

CAD 1 is an introductory course in the fundamentals of engineering drawing and the basics of Computer Aided Drawing (CAD). Technical sketching techniques are integrated with extensive use of AutoCAD. Topics include technical sketching, geometric construction, orthographic projection, sectional and auxiliary views and proper dimensioning techniques. Students will gain an understanding of engineering drawing concepts by applying them in technical sketching and AutoCAD assignments.

2410 COMPUTER AIDED DESIGN (CAD) 2 – ½ Credit
Prerequisite: Computer Aided Design 1

CAD 2 covers the fundamental principles of 3D solid model part design, assembly design, and creating engineering drawings using Autodesk Inventor. Students learn how to create intelligent 3D parametric parts; placing, and constraining parts in an assembly; and simulating mechanisms and animating assembly designs. Students also learn how to document their designs by creating orthographic, section, detail, and isometric drawing views; document assemblies using standard and exploded drawing views; and follow drafting standards while dimensioning and annotating drawing views. Part designs will be interfaced with CAM software to produce functional parts using CNC machines.

2408 ARCHITECTURAL DRAWING – ½ Credit
Prerequisite: None
May be repeated for additional credit.

This course is introduced with a review of basic drafting practices, blueprint reading, and specialized lettering and dimensioning techniques related to architectural drawing. Units of special emphasis include basic architectural styles, housing needs, building codes, traffic patterns, floor plans, plot plans, elevations, specifications, symbols and details, and roof styles. Students will design and draw, on drawing boards and using CAD software, plans for a single family ranch home, and design their own dream home using the computer lab.

ENGINEERING

2431/32 INTRODUCTION TO ENGINEERING DESIGN (PLTW) - 1 Credit

Prerequisite: None

The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation. Students use 3D solid modeling design software to help them design solutions to solve problems and learn how to document their work and communicate solutions to peers and members of the professional community.

2436/37 PRINCIPLES OF ENGINEERING (PLTW) - 1 Credit

Prerequisite: Currently enrolled in Algebra 1 or successful completion of Algebra 1

This survey course of engineering exposes students to some of the major concepts they'll encounter in a postsecondary engineering course of study. Students have an opportunity to investigate engineering and high-tech careers and to develop skills and understanding of course concepts. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. This course is designed for 10th or 11th grade students and **may count towards a 3rd year science graduation credit.**

2438/39 DIGITAL ELECTRONICS (PLTW) - 1 Credit

Prerequisite: Successful completion of Introduction to Engineering and/or Principles of Engineering

Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras and high-definition televisions. The major focus of the DE course is to expose students to the process of combinational and sequential logic design, teamwork, communication methods, engineering standards and technical documentation. Extensive lab activities are designed to provide the fundamentals of circuit control used in all communications and industrial sectors. This course is designed for 10th or 11th grade students.

2440/41 COMPUTER INTEGRATED MANUFACTURING (PLTW) - 1 Credit

Prerequisite: Successful completion of Introduction to Engineering or Computer Aided Design (CAD) course

How are things made? What processes go into creating products? Is the process for making a water bottle the same as it is for a musical instrument? How do assembly lines work? How has automation changed the face of manufacturing? While students discover the answers to these questions, they are learning about the history of manufacturing, robotics and automation, manufacturing processes, computer modeling, manufacturing equipment, and flexible manufacturing systems. This course is designed for 11th or 12th grade students.

MANUFACTURING

- 2433 MACHINING and CASTING – ½ Credit
Prerequisite: None

Students convert metal stock into products by machining and/or casting material. Traditional and CNC (computer numerical control) equipment is used. Equipment used includes lathes, milling, drilling, grinding, and cutting machines. Processes and product production is performed using the foundry and related pattern making equipment.

- 2434 WELDING and FABRICATION – ½ Credit
Prerequisite: None

Students will learn safe practices for working in a welding shop environment. Introductory units will be explored in both theory and hands-on processes in Stick Welding (SMAW: submerged arc welding), MIG Welding (GMAW: gas metal arc welding) and Oxy-Fuel Brazing. Skills will align with American Welding Society SENSE guidelines (schools excelling through national skills education). Students will also learn to read welding blueprints and symbols to create fabricated final projects in a mass production-type setting. Students will begin their AWS SENSE level 1 certifications which can later be fully completed in Welding II.

- 2454 WELDING 2 – ½ Credit
Prerequisite: Welding and Fabrication AND Intro to Engineering Design or CAD I

Students will further explore the processes of gas metal arc welding (GMAW), flux-core arc welding (FCAW), and gas tungsten arc welding (GTAW) in all positions on steel, stainless steel and aluminum. Skills will be honed to meet American Welding Society SENSE guidelines (schools excelling through national skills education). Students will also further demonstrate knowledge of blueprint reading through welded assemblies following a set of plans. AWS SENSE level 1 completed certifications can be met through this course after passing both theory and performance assessments, paired with additional individual certifications previously acquired in Welding and Fabrication.

- 2435 MANUFACTURING ENTERPRISE – ½ Credit
Prerequisite: Machining and Casting; Welding and Fabrication

Students learn how products are designed, manufactured, and marketed. Machining, welding, fabrication, and manufacturing methods are taught to produce a quality product. A business may be formed; a product is designed, manufactured, and marketed. Teamwork, safe work habits, and employability skills are incorporated throughout the course. On-the-job experience may be included if the student enrolls in Co-op and the student is employed in a field related to manufacturing.

- 2451 CASTING 2 —½ Credit
Prerequisite: Machining and Casting and Intro to Engineering Design or CAD 1

Cutting edge technologies and processes in the metal casting industry will be explored in this class. Students will create hands-on projects using processes such as: green sand molding, lost foam casting, and wax investment casting. Students will also learn the science behind the types of metals we use. This will include the heat treatment and alloying of metal which makes the end product most desirable for its intended use. Students will also use casting simulation software to test their molds before pouring the casting. Students may be asked to purchase materials depending on the size of projects.

- 2452 MACHINING 2 —½ Credit
Prerequisite: Machining and Casting and Intro to Engineering Design or CAD 1

This course is designed for students who have an interest specifically in the design and production of machined products. This course will allow students to develop advanced machining techniques on the lathe, mill, and surface grinder. Students will also learn the operation of the CNC mill, along with using Autodesk and MasterCam software to create original programs for the CNC mill. Ultimately, students will use their knowledge of blueprint reading and machine operation to successfully setup and machine a part within the specified tolerance from the drawing. Metallurgical properties will also be explored and manipulated through the process of heat treatment. Students may be asked to purchase materials depending on the size of projects.

Automotive	Building Trades	Drafting and Design	Engineering	Manufacturing
Small Engines ½ credit	Consumer Home Maintenance ½ credit	CAD 1 ½ credit	Introduction to Engineering Design (PLTW) 1 credit	Machining and Casting ½ credit
Automotive Foundations ½ credit	Wood Manufacturing 1 ½ credit	CAD 2 ½ credit Prerequisite: CAD 1	Principles of Engineering Design (PLTW) 1 credit	Welding and Fabrication ½ credit
Automotive Systems ½ credit	Wood Manufacturing 2 ½ credit Prerequisite: Wood Manufacturing 1	Architectural Drawing ½ credit	Digital Electronics (PLTW) 1 credit	Casting 2 ½ credit
Automotive Diagnosis 1 credit Prerequisite: Automotive Foundations, Automotive Systems	Building Construction ½ credit Prerequisite: Wood Manufacturing 1		Computer Integrated Manufacturing (PLTW) 1 credit	Welding 2 ½ credit
	Residential Wiring ½ credit			Machining 2 ½ credit
				Manufacturing Enterprise ½ credit Prerequisite: Machining and Casting; Welding and

2024-2025 SCHOOL YEAR	
CAD 1	CAD 2
CONSUMER HOME MAINTENANCE	BUILDING CONSTRUCTION
ARCHITECTURE	RESIDENTIAL WIRING
WOODS 1	WOODS 2
SMALL ENGINES	AUTOMOTIVE SYSTEMS
AUTOMOTIVE FOUNDATIONS	AUTOMOTIVE DIAGNOSIS
MACHINING and CASTING	CASTING 2
WELDING 2	WELDING and FABRICATION
MANUFACTURING ENTERPRISE	MACHINING 2
PROJECT LEAD THE WAY	
PLTW INTRODUCTION TO ENGINEERING DESIGN	
PLTW PRINCIPLES OF ENGINEERING MANUFACTURING ENTERPRISE	
PLTW DIGITAL ELECTRONICS	
PLTW COMPUTER INTEGRATED MANUFACTURING	

WELLNESS EDUCATION

HEALTH COURSES

1800 PERSONAL DEVELOPMENT – ½ Credit
Prerequisite: None

The Personal Development course is designed as a “Life Adjustment” program that can assist students in making educated decisions about “real life” issues. The course meets daily for one semester and is required for graduation. The following units are covered: Healthy Foundation, Mental and Emotional Health, Human Growth and Development, Physical Activity and Nutrition, Tobacco, Alcohol and Other Drugs, First Aid and CPR.

1802 CAREERS IN SPORTS MEDICINE – ½ Credit
Prerequisite: Personal Development, Foundations of Fitness
Open to Sophomores, Juniors, or Seniors.

This one semester course will inform students of both the academic requirements and the physical skills needed for the following Sports Medicine careers: Personal Trainer, Athletic Trainer, Physical Therapist, Physical Therapy Assistant, Sports Nutritionist, Sports Psychologist and Orthopedic Surgeon. Some of the issues included in this course are as follows: developing a strength training program, endurance program, and nutritional programs for specific populations, prevention and treatment of injuries, taping techniques, administering and evaluating physical assessments, selecting institutions for certifications and degrees, basic medical terminology, plus much more. This course may also include field trips (voluntary) to locations such as sports medicine clinics, universities, professional athletic training sites, etc.

PHYSICAL EDUCATION COURSES

Students must complete Foundations of Fitness and two additional Physical Education courses to meet the 1.5 credit graduation requirement.

PHYSICAL EDUCATION CREDITS MUST BE EARNED OVER THREE SEPARATE YEARS.

- 2128 *FOUNDATIONS OF FITNESS*– ½ Credit
Prerequisite: None

This course includes a variety of team sports with an emphasis on basic skills, game strategy, knowledge of the rules and team play. Students also engage in a variety of individual and dual sports with an emphasis on basic skills, competitive strategy, knowledge of the rules and body mechanics. Dance (line dancing and mixers) is also included with instruction of the basic steps, patterns and rhythms involved. Fitness activities will be incorporated throughout the semester. Students will also receive fitness information and participate in fitness testing (Fitnessgram).

- 2135 *INDIVIDUAL SPORTS AND ACTIVITIES*– ½ Credit
Prerequisite: Foundations of Fitness

This course is designed to provide students with the opportunity to participate in individual/duals sports and activities. Students may participate in the following: Bowling, Badminton, Pickleball, Horseshoes, Golf, Yoga, Frisbee Golf and Dance. Students will also participate in fitness testing (Fitnessgram). Bowling requires a fee of \$20.00 for participation. An alternate activity for bowling may be arranged with the instructor.

- 2136 *TEAM SPORTS AND ACTIVITIES* – ½ Credit
Prerequisite: Foundations of Fitness

This course is designed to provide students with the opportunity to participate in team sports and activities. Students may participate in the following: Volleyball, Basketball, Ultimate Frisbee, Team Handball, Soccer, Stix ball/Lacrosse and Softball. Students will also participate in fitness testing (Fitnessgram).

- 2137 *OUTDOOR ADVENTURE EDUCATION* – ½ Credit (course **will not** be offered for the 2024-2025 school year)
Prerequisite: Foundations of Fitness

This course is designed for the student who enjoys the great outdoors. Students will learn about safety, equipment, and skills used in a variety of outdoor activities. Activities may include biking, fishing, boating, geocaching/orienteering, archery, camping/survival, snowshoeing and other outdoor activities. Students will also participate in fitness testing (Fitnessgram). There may be costs to cover equipment rental and field trips not to exceed \$25.00.

- 2138 *STRENGTH TRAINING I* – ½ Credit
Prerequisite: Foundations of Fitness

This course is for the student who wants to lift weights using either the free weights or the weight machines in the high school fitness center. During the first three weeks, students will learn the safety procedures and be introduced to various weight lifting programs and techniques. The next 6 weeks will include instruction and practice basic strength training techniques. The remaining weeks will include instruction and practice with more advanced lifting techniques. Students will also participate in fitness testing (Fitnessgram).

PHYSICAL EDUCATION COURSES

- 2125 **STRENGTH TRAINING II** – ½ Credit
Prerequisite: Foundations of Fitness **and** Strength Training 1
Class may be repeated

This course is for the student who has the goal of enhancing their performance in a specific sport or sports that they currently compete in and will be held in the high school fitness center. Students will be completing daily STRENGTH work-outs with some conditioning and agility. Workouts will be completed using a strength training Program provided by PWHS. Students will also participate in fitness testing (Fitnessgram).

- 2139 **HEALTHY LIFESTYLES and PHYSICAL ACTIVITY—CAPP** – ½ Credit
Prerequisite: Foundations of Fitness—Course can be taken for college credit
Open to Juniors and Seniors

CAPP 106 – Health Education 106

This course is designed to provide students with knowledge to improve or maintain health and wellness throughout the lifespan. Emphasis will be placed on the seven dimensions of wellness and how the information relates to the individual, the community, classroom and client. In addition, the student will explore and identify the social and interpersonal factors of health that contribute to the development of individual value systems, goals, and health-related decisions. (Students have the opportunity to take this course for 3 credits at UW-Oshkosh and credits may transfer to other universities.

(Students have the opportunity to take this course for 3 credits at UW-Oshkosh (and transfer credits to other Wisconsin universities).

- 2134 **UNIFIED PHYSICAL EDUCATION**- ½ Credit
Prerequisite: Foundations of Fitness and completed application (applications picked up in counseling office or from PE teacher)

This course is taught in conjunction with the Adaptive Physical Education course. This combined General Physical Education and Adapted Physical Education class will allow students to improve performance of self and others in recreational and fitness activities. Students will leave this class with a greater knowledge to analyze barriers and modify physical activity patterns appropriately, as needed,

- 2102 **LIFEGUARDING TODAY** – ½ Credit
See your counselor if interested in this course.
Prerequisite: 15 years of age and successful completion of a pre-course swim test

The purpose of this course is to teach students the skills and knowledge needed to prevent and respond to aquatic emergencies and to become a professional lifeguard. The course content and activities prepare students to recognize emergencies and prevent drowning and other incidents. There is a class fee for books and materials. Lifeguard training is taught outside of normal school hours and can only be selected for credit in addition to the minimum 3 credits required each semester. It may be taken to fulfill the third physical education credit requirement for graduation. See your counselor or physical education teacher for more information.

- 2107 **WATER SAFETY INSTRUCTOR (WSI)** – ½ Credit
See your counselor if interested in this course.
Prerequisite: 17 years old no more than 30 days from the last day of the course, instructor candidate training certified within the last 12 months or current health and safety instructor authorization, and successful completion of pre-course test of water safety and swimming skills and knowledge.
See your counselor or physical education teacher for more information.

The primary purpose of the Water Safety Instructor course is to prepare students to teach Red Cross Swimming classes. The course will help students develop the instructional skills needed to teach swimming lessons. There is a class fee for books and materials. WSI is taught outside of normal school hours and can only be selected for credit in addition to the minimum 3 credits required each semester. It may be taken to fulfill the third physical education credit requirement for graduation. See your counselor or physical education teacher for more information.

***Verification of successful course completion is required and should be submitted to the counseling department in order for the course and credit to be added to the transcript.**

WORLD LANGUAGE

1700/01 GERMAN 1 – 1 Credit
Prerequisite: None

German 1 is an introduction to the German language and culture. Students will learn to use German to communicate on everyday topics such as introducing themselves, family, home, school, food, clothing, hobbies, sports and other interests. By the end of German I, students will learn how to speak, understand, read and write basic German! Interactive language technology, authentic realia, videos, texts, songs, games, worksheets and possible contact with our German partner school may offer opportunities for individual learning needs. Students will delight in discovering the many similarities and interesting differences between the German culture and their own, as well as the plethora of similarities shared by two prevalent Germanic languages: English and German! While they will learn the most about Germany, little tidbits about other German-speaking countries will also be discussed. Students will be pleased to discover that learning a language can enhance their brain power in other subjects and offer college admission and retroactive credit benefits. Learning German in particular will help them understand the preeminent role of German and Germany in fields such as the arts, communications, technology and engineering, environmental conservation and its technology, and trade with the United States, and the personal and career opportunities that arise from this.

1702/03 GERMAN 2 – 1 Credit
Prerequisite: German 1—Teacher signature required.

German 2 is a continuation of the progress made in German 1. Topics from German 1 provide the base for expanded communication. Emphasis continues to be on the development of speaking, listening, reading and writing skills. Interactive language technology and multimedia support continue to be an important part of the learning process. Authentic realia, videos, texts, songs, games, worksheets and possible contact with our German partner school may continue to offer opportunities for individual learning needs. Learning activities from German 1 are carried forward.

1704/05 GERMAN 3 – 1 Credit
Prerequisite: German 2—Teacher signature required.

German 3 is a continuation of the progress made in German 2. Topics from German 1 and German 2 provide the base for expanded and more sophisticated communication. All four language skills continue to be refined. Interactive language technology and multimedia support continue to be an important part of the curriculum. Authentic realia, videos, texts, songs, games, worksheets and possible contact with our German partner school may continue to offer opportunities for individual learning needs.

1706/07 GERMAN 4 – 1 Credit
Prerequisite: German 3—Teacher signature required.

German 4 is a continuation of the progress made in German 3. Reviewing and expanding on topics from the previous levels, students continue to develop their communication skills. Interactive language technology and multimedia support continue to be an important part of the curriculum, with increased focus on post high school needs and interests. Authentic realia, videos, texts, songs, games, worksheets and possible contact with our German partner school may continue to offer opportunities for individual learning needs.

1708/09 GERMAN 5 – 1 Credit
Prerequisite: German 4—Teacher signature required.

Materials for German 5 will be developed each year to reflect the group and individual needs of students at that level. Interactive language technology, multimedia support, authentic realia, videos, texts, songs, games, worksheets and possible contact with our German partner school may continue to offer opportunities for individual learning needs.

1710/11 SPANISH 1 – 1 Credit
Prerequisite: None

Spanish 1 is a student-centered, multi-faceted process that goes beyond the ability to understand, speak, read, and write in Spanish. Students are encouraged to be active participants, not passive receptors, in the learning process and are regularly asked to think critically, participate in pair and group work, respond to readings, express their opinions, and thoughtfully consider the views of others. The focus of Spanish 1 is building oral and written communication skills, to be able to speak, write and understand the target language.

1712/13 SPANISH 2 – 1 Credit
Prerequisite: C- average or better in previous course.

Spanish 2 will continue your journey in acquiring language through a student-centered approach. The multi-faceted curriculum goes beyond the ability to understand, speak, read, and write in Spanish. Students are encouraged to be active participants in the learning process. They are regularly asked to think critically, participate in pair and group work, respond to readings, express their opinions, and thoughtfully consider the views of others. The focus of Spanish 2 is continuing to build oral and written communication skills, to be able to speak, write and understand the target language.

1714/15 SPANISH 3 – 1 Credit
Prerequisite: C- average or better in previous course

Spanish 3 is a course which takes students further in their language acquisition. We explore themes relevant to students and their world through a student-centered approach in more complex discussions, readings and movies. The course follows a multi-faceted curriculum in which students are encouraged to be active participants, not passive receptors, in the learning process and are regularly asked to think critically, participate in pair and group work, respond to readings, express their opinions, and thoughtfully consider the views of others in the target language.

1716/17 SPANISH 4 – 1 Credit
Prerequisite: C- average or better in previous course.

Spanish 4 is a communication-centered curriculum that goes beyond the ability to understand, speak, read, and write in Spanish. Students are encouraged to be active participants in the learning process. Students are regularly asked to think critically about themes relevant to the world and their daily lives. Students will be asked to respond to readings, films, and authentic television programs. Students will express their opinions on a variety of topics and thoughtfully consider the views of others. The focus of Spanish 4 is expanding oral and written communication skills.

1720/21 AP SPANISH – 1 Credit
Prerequisite: C- average or better in previous course.

AP Spanish is a communication-centered curriculum that focuses on expanding oral and written communication skills. Students are encouraged to be active participants in the learning process. Students are regularly asked to think critically about themes relevant to the world and their daily lives. Students will be asked to respond to readings, authentic films and programs in order to express their opinions, and thoughtfully consider the views of others. The focus of AP Spanish is continuing to expand oral and written communication skills.

EDUCATION FOR EMPLOYMENT

The Youth Apprenticeship (YA) Program offers high school juniors and seniors the opportunity to explore a career while attending high school. The students experience clear connections between their learning in the classroom setting, their experiences on the job, and planning their future goals for careers and higher education.

The WI DWD and Ozaukee Youth Apprenticeship sponsored YA is a rigorous one or two year program that combines related instruction with on-the-job training. Youth apprentices are trained at the workplace by skilled mentors and receive wages from the employer for their work. A 1-year YA requires the student to work a minimum of 450 hours during their junior *OR* senior year (including summers). A 2-year YA requires the student to work a minimum of 900 hours during their junior *and* senior years (including summers). Students can complete YA hours until August 31st after high school graduation. A Skill Standards Checklist is used by the employer to ensure that the student is achieving required skills and competencies. Upon successful completion of the program, the student is awarded a State of Wisconsin Certificate of Occupational Proficiency in their chosen career area. To be eligible for the YA Program a student is expected to display a genuine interest in the chosen career pathway, submit a completed Ozaukee YA application to the school YA coordinator by the first Monday in March, and be on track for graduation.

(2 or 4 semesters) 2 Credits/Year

1/2—1 Credit can be earned per semester, dependent on hours worked per semester.

Open to Juniors or Seniors

Prerequisite: Complete Ozaukee YA application, be enrolled in a related course for each semester at Port Washington High School, another OYA consortium public HS school, Technical College or DWD approved program and hired by employer for desired apprenticeship.

Youth Apprenticeship Career Pathway areas

AGRICULTURE, FOOD AND NATURAL RESOURCES

Students involved in this one or two-year program have 11 possible area units they may work in: General Animal, Large Animal/Heard, Small animal/Vet Assistant, General Plant, Crops, Greenhouse/Floral, Landscaping, Water Resources, Advanced Water Resources, Agriculture Mechanic Technician Level 1 and Level 2. Students complete 1 Pathway unit per year.

ARCHITECTURE AND CONSTRUCTION

Students involved in this one or two-year program have 7 possible area units they may work in: Carpentry Fundamentals, Electrical Fundamentals, Masonry/Concrete Fundamentals, Mechanical/HVAC Fundamentals, Plumbing/Sprinkler Fitting Fundamentals, Architectural Drafting, Architectural Planning, Students complete 1 Pathway unit per year.

ART, AV TECHNOLOGY AND COMMUNICATIONS

Students involved in this one or two-year program have 2 possible area units they may work in: Graphic Design & Pre-Press, Press & Post Press Operations, Students complete 1 Pathway unit per year.

FINANCE

This one or two-year program is for students interested in the finance industry. Students will be employed by a bank or financial institution. Students may learn about customer service in teller functions and account services, credit and loan procedures, deposit and bankcard operations, as well as other banking and finance procedures. Areas may include, Accounting Services Basic, Accounting Services Advanced, Banking Basic, Banking Advanced, Insurance Services, Students complete 1 Pathway unit per year.

HEALTH SCIENCE

Students involved in this one or two-year program have 6 possible area units they may work in: Nursing assistant, Ambulatory support, Pharmacy Tech, Dental assistant, Medical Office, Medical Assistant. Students will work in a health care facility, e.g., nursing home or hospital, Certified Nursing Assistant students take the Certified Nursing Assistance course in the summer, learn and practice patient care techniques. Students complete 1 Pathway unit per year or additional skills in a single unit for Nursing Assistant.

HOSPITALITY LODGING AND TOURISM

Students involved in this one or two-year program have 9 possible area units they may work in: Food and beverage dining, Food and beverage kitchen, Reservations and Tour/Activity, Lodging front office, Lodging front office, Lodging Housekeeping, Maintenance and grounds, Meetings & events, Marketing & Sales I, Marketing & Sales II, Management I, Management II. Students complete 2 Pathway units per year.

INFORMATION TECHNOLOGY

Students involved in this one or two-year program have 4 possible area units they may work in: IT Essentials, Hardware, Software, Web & Digital Media. Students complete 1 Pathway unit per year.

MANUFACTURING – YOUTH APPRENTICESHIP

Students involved in this one or two-year program have 7 possible area units they may work in: Assembly and packaging, Manufacturing Processes, Machining, Welding, Productions operations management, Basic industrial equipment, advanced industrial equipment. Students complete 1 Pathway unit per year.

MARKETING

This one or two-year program includes 5 possible area units they may work in: In Professional Sales, Merchandising, Marketing Communications, Marketing Research / Competitive Intelligence, Marketing Management / Leadership. Students complete 1 Pathway unit per year.

SCIENCE, TECHNOLOGY, ENGINEERING, and MATH (STEM)

This one or two-year program includes 5 possible area units: Engineering Drafting, Mechanical/Electrical Engineering, Civil Engineering, Bioscience Lab Foundations, Bioscience Applications. Students will be working at a company to gain experience in actual design projects and application of engineering skills and principles while learning basic work place skills, such as teamwork, and communications. Students complete 1 unit per year.

TRANSPORTATION-DISTRIBUTION & LOGISTICS (Autos and Trucks)

Students involved in this one or two-year program have 11 possible area units they may work in: Planning & Purchasing, Inventory Management & Production, Storage and Warehousing, Distribution and Transportation, Collision Repair, Non-structural Analysis and Repair, Painting and Refinishing, Damage Analysis and Electrical Repair, General Auto Service, Auto/Light Truck Systems, Diesel Technician. Students complete 1 unit per year for the Auto Technician pathway and 2 units per year for Logistics/Supply Chain Management and Auto Collision pathways.

START COLLEGE NOW (PWSSD Board Policy 2251)

Start College Now (SCN) allows high school students the opportunity to take college courses at Wisconsin Technical Colleges. Statute **38.12 (14)** lays out all the aspects of the program. Students looking to take courses in the fall semester must turn in the application by **March 1, 2024** for spring semester courses the same application is used, however the due date is **October 1, 2024**

Feel free to contact Ann Westrich with questions: ann.westrich@wtcsystem.edu or connect directly to the website at: [https://mywtcs.wtcsystem.edu/student-success/career-prep/new-start-college-now-\(formerly-youth-options\)](https://mywtcs.wtcsystem.edu/student-success/career-prep/new-start-college-now-(formerly-youth-options))

EARLY COLLEGE CREDIT PROGRAM (PWSSD Board Policy 2252)

The Early College Credit Program (ECCP) statute allows Wisconsin public and private high school students to take one or more courses at an institution of higher education for high school and/or college credit.

“Institution of higher education” means an institution within the University of Wisconsin System, a tribally controlled college, or a private, nonprofit institution of higher education located in the state. While technical colleges are not eligible institutions under the new program, pupils that have completed 10th grade will continue to have the option to take courses at technical colleges through a separate statute, 38.12(14), Start College Now (SCN). To learn more about ECCP, go to: https://dpi.wi.gov/sites/default/files/imce/dual-enrollment/2019_10_31_ECCP_Basics.pdf

All changes are effective July 1, 2018.

PART-TIME PUBLIC SCHOOL OPEN ENROLLMENT

Beginning in the 2018-19 school year, a pupil enrolled in a public school in the high school grades may attend public school in a nonresident school district for the purpose of taking a course offered by the nonresident school district. A pupil may attend no more than two courses at any time in nonresident school districts.

Wis. Stat. 118.52

**CONTACT YOUR SCHOOL COUNSELOR FOR
MORE DETAILS AND AN APPLICATION FORM,
IF INTERESTED**