

# **Portage High School**



**2025-2026**  
**Course Description Book**



# TABLE OF CONTENTS

## GENERAL INFORMATION

Requirements for Graduation	1
College Entrance Requirements	2
Military Service	3
NCAA Athletic Eligibility	3
Course Registration Timeline	3
Schedule Changes	4
Removal from Class	4
Credit Recovery for Failed Core Courses	4
Prime Courses	5
Advanced Placement (AP) Courses	5
Partners in Education (P.I.E.) Courses	5
Dual Credit Courses	5
Work Release	6
Early College Credit Program (ECCP) & Start College Now Program	6
Youth Apprenticeship Program	7
Independent Study	7
Honor Rolls	7
Academic Top Scholars	7
Rank in Class	7
Report Card & Transcript	7
Grading Scale	8
Academic Career Plan (ACP)	9

## COURSE OFFERINGS

Agri-Science	12
Art & Design	14
Business & Information Technology	16
Computer Science	18
English	21
Family & Consumer Science	25
Health Science	28
Mathematics	31
Music	33
Physical Education	36
Science	38
Social Studies	41
Technology & Engineering	43
World Language	51

# GENERAL INFORMATION

This booklet has been prepared to assist students in registering for courses that will be taken at Portage High School. Careful planning is essential to a successful high school experience. The Portage High School course curriculum is designed to build a foundation of skills that will allow students to enter a post-secondary education or a career of his/her choice.

*It is the policy of the Portage Community School District that no person may be denied the benefits of, or be discriminated against in any curricular, extracurricular, pupil services, recreation, or the other program or activity because of the person's race, sex, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional or learning disability or handicap as required by Sec. 118.13, Wis. Stats. This policy also prohibits discrimination as defined by Title IX of the Education Amendments of 1972 (sex), Title VI of the Civil Rights Act of 1964 (race and national origin), and Section 504 of the Rehabilitation Act of 1973 (disability).*

*Any questions concerning discrimination should be directed to the Director of Teaching & Learning Grades 6-12, 305 E. Slifer Street, Portage, WI 53901, or phone (608) 742-4879. Inquiries related to discrimination specifically on the basis of disability, should be directed to the Director of Student Services, 305 E. Slifer Street, Portage, WI 53901 or phone (608) 742-3599.*

## REQUIREMENTS FOR GRADUATION

The formal, specific requirements for graduation from Portage High School are listed in Board of Education Policy #510 - **a total of 24 credits are required to graduate from Portage High School.**

English – 4 credits
Social Studies – 3 credits
Mathematics – 3 credits
Science – 3 credits
Physical Education – 1.5 credits
Health – .5 credit
Personal Finance – .5 credit
Electives – 8.5 credits
<b>Total = 24 credits</b>

The requirements above are to be earned during 8 semesters from 9th to 12th grades except as provided in the School Board's Policy #510 for those students granted the privilege of early graduation. Students who are interested in early graduation must consult with their school counselor by the end of 11th grade.

**9th & 10th grade students** - Must have English, Math, Science, Social Studies, Health, and Physical Education courses on their schedule.

**High School credits earned in Middle School** - Those credits are considered "elective" credit on the student's high school transcript (Algebra I, Geometry, Algebra II, German I, Spanish I, and any other high school courses) and will not be applied to the student's high school cumulative grade point average (GPA).

**Math Courses** - Credits earned in Algebra I, Geometry, and Algebra II during middle school will be awarded math credit but will not be applied towards the 3 math credits required for graduation. Students are expected to take a math course in 9th and 10th grade - they may choose to take their third math credit in either 11th or 12th grade.

**11<sup>th</sup> grade students** - Must have English and Social Studies (Civics) on their 11th grade schedule.

**Citizenship Test (Civics)** - Wisconsin Department of Public Instruction requires all students to pass the Citizenship Test in their Civics course as a graduation requirement and the Citizenship test result will be listed on the student's high school transcript.

**Math, Science & Personal Finance** - Must be on an 11th and 12th grade student's schedule.

## FOUR-YEAR COLLEGE ENTRANCE REQUIREMENTS

The range of courses offered at today's high schools is designed to prepare students with differing interests and abilities for a variety of life-after-high school options. "College prep" courses are particularly important for providing the academic background needed to succeed at a college or university. A college preparatory program helps develop competence in four core areas – English, Mathematics, Social Studies, and Natural Science. All UW System campuses (2- and 4- year) require new freshmen to have completed a minimum of 17 high school academic credits. Thirteen (13) of these credits must be "core college preparatory" (English, Math, Social Studies, and Natural Science):

English	4 credits	English I, English II and 4 English ½ credit elective minimum (Not including Writing for STEM)
Mathematics	3 credits	Algebra I, Geometry & Algebra II minimum
Natural Science *	3 credits	Biology & Chemistry minimum
Social Science/History	3 credits	US History, Global Studies, and Civics plus one elective minimum
Electives	4 credits	Additional credits may be chosen from English, math, natural science, social science/history, foreign language, fine arts, computer science, and other academic areas (two credits of the same foreign language are required for admission to UW Madison, and strongly recommended at other UW System campuses). Some UW System campuses may also accept technical and career courses for a portion of these 4 elective credits.

*\* Agriscience courses approved by Wisconsin DPI will be considered by the UW System as one of the Science units along with Biology and Chemistry.*

All students are encouraged to exceed the minimum number of college preparatory credits required for admission. Students who choose a rigorous high school curriculum (including senior year coursework) are more successful in college. Strong academic preparation for college helps to ensure success. Though all UW System campuses require a minimum of 17 college preparatory credits, more detailed information regarding credit requirements for admission to each specific campus can be found on each college's website or at <https://www.wisconsin.edu>.

## TECHNICAL COLLEGE ENTRANCE REQUIREMENTS

No matter what you plan to do following high school, you must do well in high school to increase your chances of success in technical college or employment. You will have greater flexibility in selecting and pursuing a career if you have completed the following recommended coursework:

English	4 credits	Employability Skills	.5 credit
Mathematics	3 credits	Computer Science	.5 credit
Natural Science	3 credits	Career & Technical Ed. (CTE)	3-4 credits
Social Studies	3 credits		

Students planning to attend a technical college will usually meet the entrance requirements if they complete the Portage High School graduation requirements. However, a program strong in Science, Mathematics, and English is recommended in addition to related CTE courses, as the complexity of modern technology requires higher proficiency levels in these skills. Students are encouraged to consult their school counselor with any questions.

## MILITARY SERVICE

All military branches now require a high school diploma for entrance. Students interested in any of the military branches or one of the military academies should consult a military recruiter or school counselor for more information. Students wishing to attend a military academy should start their admissions process in their Junior year.

## NCAA ATHLETIC ELIGIBILITY

### College-Bound Student Athlete in Division I or II

If you are planning to be a college athlete at either a Division I or Division II school, you will need to register with the NCAA Eligibility Center at <https://web3.ncaa.org/ecwr3/>. NCAA recommends you register in your Sophomore year with a free profile. You can later upgrade to the paid profile once you decide you are going D1 or D2. You will also need to make sure you meet the initial eligibility requirements. Please review the sliding scale for GPA and ACT score. In addition, student athletes will need to make sure they take 16 core courses:

- English - 4 years
- Math (Algebra I or higher) - 3 years
- Natural/Physical Science - 2 years
- Social Studies - 2 years
- 1 extra year of English, Math or Science
- 4 additional core courses from any area listed above and/or foreign language, philosophy, or comparative religion.
- Division I athletes will be required to complete 10 of the core courses prior to their 7th semester (before Senior year). Seven of the 10 courses must be in combination of English, math, natural or physical sciences.

## COURSE REGISTRATION TIMELINE

The calendar for student course scheduling for the 2023-2024 school year:

**January 30, 2023** → **COURSE FAIR** - Department representatives will be on hand to discuss courses within their subject departments and answer questions about which courses may best fit a student's needs. Informational meeting will be held in the auditorium for current 8th grade students and their parents - families are encouraged to attend this event so that informed scheduling decisions can be made.

**January 26-February 2, 2023** → School counselors distribute registration sheets and review the course book in classrooms with current 8th, 9th, 10th, and 11th grade students, including St. John's Lutheran School and St. Mary's Catholic School.

**January 26 - February 8, 2023** → Students will enter course selections online from home or school through Xello. Registration access is 24/7 during the open window. These selections will be final and will be used to determine the master schedule. **DEADLINE FOR COURSE REQUESTS IS FEBRUARY 8, 2023.** NOTE: At least three credits of alternate course choices MUST also be chosen and entered by all students so that in the event of a schedule conflict or a requested course is not held, students can be placed in other acceptable options. If students do not select alternatives, courses will be selected for them.

**Week of May 15-19, 2023** → Preliminary schedules are distributed to students. Changes can be done for any reason - **DEADLINE TO MAKE CHANGES IS MAY 20, 2022.** No additional changes will be allowed except for changes due to completing summer school.

**August 17, 2023** → **ONSITE REGISTRATION DAY** - schedules will be published online through the Infinite Campus student and parent portals.

## **SCHEDULE CHANGES**

Once a student requests a course, a series of commitments on the part of the school is made. Courses offered will depend on the number of registration requests. A minimum number of students must request a course before the course will be held. When a course is not held, the student may select another course to take its place. **Course selection, therefore, is extremely important and should be considered as much a commitment on the part of the student as the school.**

Tentative schedules for the next school year are distributed to students in mid-May. Students and their parents/guardians may request changes for any reason during the “window”. Once the “window” is closed, students are **committed** to completing that obligation. No dropping of courses will be allowed except for the following reasons:

- graduation requirements needed
- failure of a required course
- failure to meet prerequisite
- teacher’s evaluation of student ability
- medical recommendation
- IEP/504 requirement
- availability of certified teacher

Convenience change requests will **not** be considered, which include but are not limited to:

- lunch preference
- teacher preference
- class period preference
- employment
- extra-curricular activities

Students need to take responsibility for their own education. If a student is having problems in a particular course, the student should contact the teacher to discuss possible solutions. After working with the teacher for a period of time but not improving, parents/guardians should contact the teacher directly. If resolution is still not reached, the student or parent should contact their school counselor for additional assistance.

## **REMOVAL FROM COURSE**

A student may be removed from a course by an administrator for disciplinary reasons. Specific guidelines are outlined in the student handbook. Once removed, the student may receive an “F” for the course.

A teacher may request that a student be removed from a course due to inadequate academic foundation for the course based on teacher assessment (misplaced). Specific information can be obtained from the student’s school counselor.

Application of these policies to students in the Exceptional Education Needs (EEN) program will be considered on an individual basis.

Students who fail the first half of a World Language course may be recommended to drop the second half of the course after the teacher has made parent contact. Success in the second half of these courses depends on a solid foundation built during the first half of the course.

## **CREDIT RECOVERY FOR FAILED CORE COURSES**

If a student fails a core course (English, Science, Math or Social Studies), they have three options for recovering the credit:

1. Take an online course during the school year
2. Retake the course in the classroom if available on schedule.
3. Take summer school in June, July & August.

## PRIME COURSES

“Prime” courses offer you a more rigorous and challenging curriculum with an opportunity to develop problem-solving skills, higher order thinking skills of analysis, judgment, and synthesis and are worth more on PHS’s weighted grading scale. Advanced Placement (“AP”) and Partners in Education (“P.I.E.”) courses are also considered Prime courses.



## ADVANCED PLACEMENT (“AP”) COURSES

Advanced Placement (“AP”) courses offer high-achieving students a more rigorous and challenging curriculum with an opportunity to develop problem-solving skills, higher order thinking skills of analysis, judgment, and synthesis with the addition of an opportunity to receive advanced placement and/or credit upon entering college. In order to receive college credit for an AP course, students must obtain a score of 3 or higher (1-5 scale) on the AP Exam administered nationally in early May.



With a contract signed by the teacher, counselor and parent(s), a student may take an AP course for credit. This contract **must** be obtained at the time of registration. AP courses are very challenging – **you can expect to spend up to one hour of studying per AP course in the evening.** For this reason, we want students to take signing up for these courses seriously! A student cannot drop a course after the first week of class without receiving an “F” for the course on his/her transcript.

AP Computer Science is an online course taught through Wisconsin Virtual Academy (“WVA”). PCSD pays the fee of approximately \$300 per student taking the course. The student and his/her parents/guardians are required to sign a Reimbursement Agreement stating that they will reimburse the PCSD the \$300 fee if the student drops the course, does not obtain a minimum “C” grade, or does not complete the course.

## PARTNERS IN EDUCATION (“P.I.E.”) COURSES

In addition to AP courses, Portage High School also offers Partners in Education (“P.I.E.”) courses that are considered Prime courses. PHS has entered into a contractual agreement with UW Whitewater (“UWW”) to offer college courses taught by PHS teachers who have a master’s degree in their discipline or an education-related area to each college-level P.I.E. course. These teachers must be approved by the UWW academic department and work closely with the liaison professor. FERPA laws regarding Student Privacy apply.



Students must meet UWW’s requirements of a minimum of 3.25 cumulative GPA or be in the Top 25% of the student’s class. As a P.I.E. student, PHS students will be working with the same content and material as UWW campus students. Compared to your high school courses, expect the P.I.E. course to go at a faster pace, with greater responsibility, and higher standards. Also, other P.I.E. students will share your level of motivation for this course which will contribute to a satisfying and productive learning experience.

The grades you receive for P.I.E. courses become a permanent part of your UWW transcript. Before taking a P.I.E. course, you should carefully decide whether you are ready for college level work and willing to make the time commitment required for your courses. Dropping a P.I.E. course will result in an “F” on your PHS transcript AND UWW transcript.

Students are responsible for the cost of tuition which is approximately \$300 per course (based on current UWW tuition rates). **Full payment must be made to PCSD before September 1.**

## DUAL CREDIT COURSES

Several courses offered at Portage High School qualify for dual credit to be posted on a student’s Portage High School transcript as well as the student’s Madison College transcript. To verify that any college course credit will transfer to a particular UW College System campus, go to UW Help’s “College Credits in High School” website at <https://uwhelp.wisconsin.edu/prep-for-college/credits/>.



## WORK RELEASE

Students (11th and 12th grade only) who, during their high school years, have demonstrated a high level of maturity and personal responsibility may be excused from **one to two periods (or one block) daily for one semester** to go to work if:

1. The student makes a specific, detailed request in writing to the high school principal which, upon administrative approval, results in a contract signed by the student, parent, employer, and high school principal allowing the student to be excused from one to two periods or one block to participate in employment.
2. The student agrees to return to school daily in the event his/her employment terminates or the contract is revoked. It will be the responsibility of both the employer and the student to keep the school informed of the employment status.
3. The student is required to meet the following criteria:
  - a. has already earned a minimum of 12 credits with a cumulative grade point average of 2.0 or better, and at least a 2.5 GPA with no D's or F's in the most recent term.
  - b. has at least a 2.5 GPA with no D's or F's during each subsequent grading period.
  - c. is regularly in attendance (at least 90%) in his/her classes.
  - d. have no trancies in the most recent semester grading period and no trancies subsequent to approval of this privilege.
  - e. is below, and remains below, Step 3 on the ALC Step System.
  - f. is recommended for this privilege by at least three (3) of his/her current teachers, his/her school counselor, and is subsequently approved by the high school principal.

**NO CREDIT IS GIVEN FOR WORK RELEASE.** Students who are participating in a course that has a job placement component (Youth Apprenticeship) will not be allowed to do both Work Release and Youth Apprenticeship unless they are still carrying **6 credits**. Students who would like to participate in the first semester must have their work release forms completed and filed in the Counseling Office before the first day of classes. Students need to fill their schedules in the event that the Work Release option does not materialize for the following school year. Students will be allowed to work in a regular workplace setting (working for family members and/or working at home is not allowed). This privilege may be revoked without warning if, in the judgment of the high school principal, it is being used inappropriately or abused by the student. If this privilege is revoked for a student, he/she will not be considered for it again.

## EARLY COLLEGE CREDIT PROGRAM & START COLLEGE NOW PROGRAM

A student in grades 9-12 attending a public or private high school are permitted to enroll in a UW College System institution, or a private non-profit institute of higher education, through the **Early College Credit Program (ECCP)** to take one or more nonsectarian courses for which the student may earn high school credit, post-secondary credit, or both. Technical colleges are not included in the ECCP however high school students are able to enroll in courses offered by a Wisconsin Technical College through the **Start College Now Program**. Under the ECCP, the costs of courses are shared among the institute of higher education, the school district, the state, and in some cases, the student's family. Deadlines to enroll in the Early College Credit Program and Start College Now Program are: February 1 for summer courses; March 1 for fall courses; and October 1 for spring courses.

## YOUTH APPRENTICESHIP PROGRAM

The Youth Apprenticeship Program allows 11th and 12th grade students to earn credit while working and learning job skills in an approved setting with a skilled professional. Students are responsible for finding paid employment at a work site related to a career they are interested in pursuing, being on track to graduate, having adequate transportation to classes/work sites, and obtaining parent/guardian and Youth Apprenticeship application approval. Students must also have completed, be currently taking, and/or be planning to enroll in high school courses that relate to the apprenticeship field. Employment may take place during the school year or in the summer, and early release privileges may be granted to students whose employment schedule conflicts with school hours. Working during part of the school day is not required for participation in the program.



## INDEPENDENT STUDY

A student may receive credit for independent study in a particular subject if he/she meets the following requirements: completion of all existing courses in that subject and written approval via Independent Study Contract from supervising teacher, counselor, parent, and principal.

## HONOR ROLLS

To identify our academically-outstanding students and to give them a well-deserved acknowledgement, we have designated the following honor rolls that are published after each semester in the local newspapers:

Principal's List	4.000 GPA and above
High Honor Roll	3.500 to 3.999 GPA
Honor Roll	3.000 to 3.499 GPA

## ACADEMIC TOP SCHOLARS

The Badger Conference Academic Top Scholars award is given to the ten graduating seniors with the highest weighted cumulative grade point average after the first trimester of the senior year of high school. The Academic Top Scholars are recognized at a conference-sponsored event in the spring and given a medal at the PHS graduation ceremony

## RANK IN CLASS

The procedure for determining a student's rank in his/her class is as follows:

- All semester grades beginning with the first semester in 9<sup>th</sup> grade and ending with the second semester in 12<sup>th</sup> grade.
- Each letter grade is given a numerical equivalent according to the Grading Scale.
- The weighted cumulative grade point average determines the rank in class.

## REPORT CARD & TRANSCRIPT

Report cards are made available in the Infinite Campus parent portal at the end of each term and lists the course, final test grade, daily work grade, and final term grade. "Final Term Grades" are permanent, appear on the student's transcript, determine credit earned, and factor into cumulative grade point average (GPA). A student earning a passing grade in a course at the end of the term will earn 0.5 credit (except for AP Biology [1 credit], AP Chemistry [1 credit], Auto Tech II [1 credit], Building Trades [2 credit] and Nursing Assistant [.75 credit] which are double-blocked courses).

When students need to submit their official high school transcript to a technical college or university, the student simply logs into their Xello account, click on "College Planning" under the Goals & Plans heading, click on "Create Your New Application", type in college in search box, click on "Select", and click on "Request" button to submit as many transcripts as needed. Students may contact their school counselor for assistance.



# GRADING SCALE INCLUDING WEIGHTED GRADES

Portage High School employs a weighted grading scale, which is derived from a 4-point scale. All courses in the curriculum are categorized into one of two groups:

## **REGULAR:**

These courses are aimed at the majority of students and include all traditional and online courses not listed as PRIME.

## **PRIME:**

These courses are designed to challenge students. They are generally upper level courses, taken by college-bound students. The grade point value is higher than that of the same letter grade for REGULAR courses:

**Computer Science:** AP Computer Science

**English:** AP English Language & Composition  
AP English Literature & Composition  
English 101 - Freshman English (UW Whitewater)

**Mathematics:** Pre-Calculus  
AP Calculus

**Science:** AP Biology  
AP Chemistry

**Social Studies:** AP Human Geography  
AP U.S. History

**World Languages:** German III                      Spanish III  
German IV                      Spanish IV  
German V                      Spanish V

## **GRADING SCALE:**

<b>Letter Grade</b>	<b>Prime Point Value</b>	<b>Regular Point Value</b>
A+	5.000	4.333
A	4.667	4.000
A-	4.333	3.667
B+	4.000	3.333
B	3.667	3.000
B-	3.333	2.667
C+	3.000	2.333
C	2.667	2.000
C-	2.333	1.667
D+	2.000	1.333
D	1.667	1.000
D-	1.333	0.667
F	0.000	0.000

# ACADEMIC & CAREER PLANNING [“ACP”]

The Wisconsin Department of Public Instruction requires all school districts to provide **Academic & Career Planning (ACP)** to students enrolled in grades 6-12. An ACP is a student-driven, adult-supported process in which students create and cultivate their own unique and information-based visions for post-secondary success, obtained through self-exploration, career exploration, and the development of career management and planning skills.

## MISSION:

Empowering ALL students to travel the road to adulthood through education and training to careers.

## VISION:

Re-imagining K12 education to equip students with meaningful and supportive adult relationships as well as the ability to adapt to opportunities and challenges on their personalized journeys to successful lives.

The term “ACP” refers to both a process that helps students engage in academic and career development activities as well as a product that is created and maintained for students’ academic, career, and personal advancement.

ACP is a student-driven, ongoing process that actively engages students enabling them to:

- understand their own interests, strengths, values, learning styles, etc.;
- create a vision of their future;
- develop individual goals; and
- prepare a personal plan for achieving their vision and goals.

For more information on ACP, go to <http://dpi.wi.gov/acp>.

## XELLO

Portage High School uses “Xello” software for our self-exploration and planning program. It helps students achieve their potential in school, career and life.

- **Build Self-Awareness:** Users learn about themselves - their interests, skills, preferences and aspirations - so they can explore the opportunities right for them.
- **Explore Options:** They learn about career possibilities and educational pathways by exploring rich, engaging content.
- **Create a Plan:** A dynamic, actionable plan outlines the steps needed to achieve career, school and life goals.
- **Make it Real:** Plans are then brought to life - whether for a career, job or college - by taking informed action.

## ACP Components

The following table outlines the different components that comprise ACP and are aligned to ACP model. You may note that many of these components are already in place in your district. The shift will be systemic, toward a student-centered model that allows all students access to the components they need to meet their individual goals.

Self-Awareness Activities KNOW			Exploration Activities EXPLORE		Career Planning Activities PLAN		Management Activities GO
Writing Personal Reflections	Identifying Strengths	Identifying Needs	Career Interest Inventories	Setting Career Goals	Resume Builder	Cover Letters	Modify Academic Goals as Necessary
Setting Personal Goals	Reviewing Goals	Revising Goals	Career Cluster Exploration	Career Pathway Exploration	Investigate Post-Secondary Options	Campus Visits & Reflections	Modify Intentional Sequence of Courses as Necessary
Ability Profiler	Learning Style Assessment	Personality Assessment	Creation of Program of Study	Job Fair Participant & Reflection	Applications to Post-Secondary Options	Leadership Opportunities	Modify Personal Goals as Necessary
Academic Preparation			CTSO Participant & Reflection	Career Research	Personal Financial Literacy Concepts	Financial Plan	Modify Career Goals as Necessary
Graduation Requirements	Virtual Courses	AP or Advanced Courses	Interviews of Career Experts	Career Research Paper	Complete FAFSA Form	Scholarship Info	Update Regularly/Quarterly
Elective Courses	CTE Courses	Dual Enrollment/YO/CO	Job Shadowing	Work-based Learning	Gather Letters of Recommendation	Mock Interviews & Reflections	
International Baccalaureate Programs	Extra/Co-Curricular Involvement	Career Academics	Internship or Externship	Youth Apprenticeship	Choosing a Post-Secondary Option	Decision-Making Reflection	
Project Lead the Way	Industry or Technical Certifications	STEM	Service Learning Projects	Work Experience	Academic Planning Activities		
ASVAB	Forward ASPIRE ACT/SAT Compass Accuplacer	WorkKeys	Volunteering	Labor Market Considerations	Setting Academic Goals	Intentional Sequence of Courses	On Track for Graduation

# The 16 Career Clusters

 <b>A</b> griculture, Food & Natural Resources	Agriculture, Food & Natural Resources: The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
 <b>A</b> rchitecture & Construction	Architecture & Construction: Careers in designing, planning, managing, building and maintaining the built environment.
 <b>A</b> rts, A/V Technology & Communications	Arts, A/V Technology & Communications: Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
 <b>B</b> usiness Management & Administration	Business Management & Administration: Careers that encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.
 <b>E</b> ducation & Training	Education & Training: Planning, managing and providing education and training services, and related learning support services.
 <b>F</b> inance	Finance: Planning, services for financial and investment planning, banking, insurance, and business financial management.
 <b>G</b> overnment & Public Administration	Government & Public Administration: Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.
 <b>H</b> Health Science	Health Science: Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.
 <b>H</b> ospitality & Tourism	Hospitality & Tourism: Careers that encompass the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.
 <b>H</b> uman Services	Human Services: Preparing individuals for employment in career pathways that relate to families and human needs.
 <b>I</b> nformation Technology	Information Technology: Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.
 <b>L</b> aw, Public Safety, Corrections & Security	Law, Public Safety, and Corrections & Security: Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.
 <b>M</b> anufacturing	Manufacturing: Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.
 <b>M</b> arketing	Marketing: Planning, managing, and performing marketing activities to reach organizational objectives.
 <b>S</b> cience, Technology, Engineering & Mathematics	Science, Technology, Engineering & Mathematics: Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.
 <b>T</b> ransportation, Distribution & Logistics	Transportation, Distribution & Logistics: Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

# AGRI-SCIENCE

## Course Offerings:

Course	Credits	9th	10th	11th	12th
Leadership, Growth & Success	.5	X	X	X	X
Wildlife Management	.5		X	X	X
Landscape & Greenhouse	.5			X	X
Youth Apprenticeship	1			X	X
Equivalent to Laboratory Science Credit					
Plant Science - ES	.5	X	X	X	X
Topics in Food Science - ES	.5		X	X	X
Small Animal Science - ES	.5		X	X	X
Large Animal Science - ES	.5 3 college		X	X	X
Veterinary Science - ES	.5			X	X

## Course Descriptions:

### LEADERSHIP, GROWTH & SUCCESS

AGR601

.5 credit

9/10/11/12

Now is your turn to develop YOUR premier leadership, personal growth and career success! Leadership plays a major part in our lives and is a key element of public life that influences events and policies that affect our everyday life. Leadership is a critical ingredient in the effectiveness of small and large organizations to which we belong and it plays a major role in your peer groups. Completion of this course will help YOU develop positive leadership skills through developing visions, goals, enhancing communication skills, team building, and career-based learning.

### WILDLIFE MANAGEMENT

AGR502

.5 credit

10/11/12

YOU have the power to make a difference in how wildlife species are managed. This course will look at the various aspects of the wildlife industry. Units that will be investigated include: careers, large game species, wildlife identification, hunting, trapping, DNR game laws, taxidermy, game birds, waterfowl small game species, and endangered species. Hands-on activities include taxidermy, antler scoring, hide tanning and duck decoy painting. Students will have the opportunity to complete a DNR Safety Certification.

### LANDSCAPE & GREENHOUSE

AGR320

.5 credit

11/12

*Prerequisite: Plant Science is encouraged*

Landscape & Greenhouse Management will provide another opportunity for students interested in Plant Sciences to explore more industry-related experience. Students will collaborate with a local greenhouse to gain first-hand expertise in operating and managing a large-scale greenhouse operation. From planting to propagating, fertilizing to combating pests, pruning to selling, students will have a hand in many of the day-to-day tasks of a local business. Collaboration will also occur with the Building Trades Class as the Landscape and Greenhouse Management students will be planning, designing, and creating the exterior ground for the Building Trades House. All students will gain many experiential learning opportunities.

### YOUTH APPRENTICESHIP

MISC121

1 credit

11/12

The Youth Apprenticeship Program is a unique opportunity for students to start preparing for a career while still in high school. This one- or two-year program provides the opportunity for earning an hourly wage while learning from skilled professionals. Excused time from school is optional. Students completing the program will receive a certificate of occupational proficiency from the Wisconsin Department of Workforce Development. Participation in the Youth Apprenticeship Program requires the student to meet entry criteria. Students must have a high interest in the Agriculture, Food and Natural Resources career cluster involving careers in planning, implementation, production, management, processing, and/or marketing of agricultural commodities and services. This Youth Apprenticeship occupational area focuses on five pathways within the Agriculture, Food and Natural Resources industry: Animal Systems, Plant Systems, Power, Structural and Technical Systems and Environmental Systems. Participants must be on track to graduate, have adequate transportation, obtain parental permission, have a good attendance record, and be willing to submit to an application and interview process. Applicants are approved for the program on a case-by-case basis. May earn up to a maximum of 2 credits during 11th and 12th grades.



**The PCSD Board of Education, UW Madison, and other Wisconsin colleges  
consider the following courses equivalent to a “laboratory science” credit.  
Courses are considered Science electives but are not replacements  
for Biology or Chemistry.**

<b>PLANT SCIENCE - ES</b>	<b>AGR101</b>	<b>.5 credit</b>	<b>9/10/11/12</b>
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*Prerequisite: Biology (or taking concurrently)*

Get your hands dirty exploring the horticulture industry through science. Learn plant anatomy and physiology, plant reproduction, soils, gardening, greenhouse management, floriculture, and landscaping. If you are interested in careers such as: the green industry, DNR, production agriculture, NRCS, golf course management, landscaping, arborist or others - this is the class for you. This course connects many biology standards, so it is recommended to have taken biology or be taking it concurrently.

<b>TOPICS IN FOOD SCIENCE - ES</b>	<b>AGR303</b>	<b>.5 credit</b>	<b>10/11/12</b>
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This class is for anyone who eats! Understand food nutrition, biotechnology and chemistry of foods, food safety, dairy industry, meat science, beverages, consumerism, and food processing. If you're interested in a career in diets, nutrition, or product development this is definitely the class for you. Become an informed consumer and learn about the scientific world of foods.

<b>SMALL ANIMAL SCIENCE - ES</b>	<b>AGR201</b>	<b>.5 credit</b>	<b>10/11/12</b>
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Students in this course will focus on the physiology, anatomy, and production of small livestock animals and companion animals such as dogs, cats, rabbits, and poultry. Students in this course will develop a sense for domestication and animal behavior and how it is related to the many species of animals we have today. This course is also aligned with Lakeshore Technical College for Transcribed Credits (Must take Small & Large Animal to receive 3 credits).



<b>LARGE ANIMAL SCIENCE - ES</b>	<b>AGR202</b>	<b>.5 credit (3 college)</b>	<b>10/11/12</b>
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This class focuses on large domestic animals including dairy, beef, pigs, sheep, goats, and horses. In addition, topics in genetics and animal welfare issues are taught. The focus of this class is not production, but consumerism through scientific principles. This class will help the student that is interested in animal production, veterinary medicine, nutrition, animal breeding, zoology, animal care, and so much more. This class is important to anyone to show how animals are to be cared for and where our food comes from. This course is also aligned with Lakeshore Technical College for Transcribed Credits (Must take Small & Large Animal to receive 3 credits).



<b>AGRISCIENCE - ES</b>	<b>AGR624 AGR625</b>	<b>1 credit</b>	<b>10/11/12</b>
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*Prerequisite: Teacher recommendation only.*

Agriscience begins with the scientific method with experiments in the greenhouse. Students explore the carbon cycle and the growth of plants while designing experiments on greenhouse plants. Students then investigate cell biology regularly in the classroom, learning how different cellular processes enable the productivity of the plants and animals we depend upon. During the second semester, students investigate genetics and DNA, concluding with genetic engineering, stem cells, and cloning. Students work closely with plants and animals to discover their inner mechanisms through inquiry and independent learning, enabling students to succeed in a wide range of courses and on the ACT. Agriscience not only prepares students to understand concepts in science, agriculture, medicine, mathematics, ecology and engineering, but also prepares them for college and for careers after high school.

<b>VETERINARY SCIENCE - ES</b>	<b>AGR404</b>	<b>.5 credit</b>	<b>11/12</b>
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*Prerequisite: Minimum of a “C” in Small Animal Science and Large Animal Science*

Are you interested in learning the details of caring for animals or are hoping to pursue a career in veterinary medicine? This is a great class to get an in-depth look at animal anatomy and physiology, vaccinations, animal growth, reproduction, breeding, selection, and feeding. Students will be able to learn how to administer shots, check animal health, and get a good look into the animal industry. Students will also have the chance to learn about career opportunities with animals and hear from professionals.

# ART & DESIGN

## Course Offerings:

Course	Credits	9th	10th	11th	12th
Art Fundamentals 2-D	.5	X	X	X	X
Art Fundamentals 3-D	.5	X	X	X	X
Drawing I	.5	X	X	X	X
Drawing II	.5	X	X	X	X
Painting	.5		X	X	X
Ceramics	.5		X	X	X
Advanced Ceramics	.5		X	X	X
Interior Design	.5		X	X	X
Sculpture	.5		X	X	X
Photography I	.5		X	X	X
Photography II	.5			X	X
Yearbook	1			X	X

## Course Descriptions:

<b>ART FUNDAMENTALS 2-D</b>	<b>ART101</b>	<b>.5 credit</b>	<b>9/10/11/12</b>
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This is a two dimensional introductory level art class. 2-D Art focuses on various 2-D skills & design concepts. Topics include: art history, perspective drawing, painting techniques, composition, color theory, watercolor, etc. Chromebooks are required each day. **Supply Fee: \$10** Students facing financial hardship should contact their counselor for assistance options.

<b>ART FUNDAMENTALS 3-D</b>	<b>ART103</b>	<b>.5 credit</b>	<b>9/10/11/12</b>
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This is a three-dimensional introductory level art class. 3-D Art focuses on various 3-D art skills & design concepts. Topics include: art history, clay, paper, wire, plaster, paper mache', and found objects. Chromebooks are required each day. **Supply Fee: \$10.** Students facing financial hardship should contact their counselor for assistance options.

<b>DRAWING I</b>	<b>ART301</b>	<b>.5 credit</b>	<b>9/10/11/12</b>
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This is a beginning drawing course which will more deeply focus on developing observation skills and realistic drawing abilities. Most students taking this class surprise themselves with new abilities! Students will use a wide range of materials: graphite pencils, pen and ink, pastels, charcoal and colored pencils. Chromebooks are required each day. **Supply Fee: \$10.** Students facing financial hardship should contact their counselor for assistance options.

<b>DRAWING II</b>	<b>ART302</b>	<b>.5 credit</b>	<b>9/10/11/12</b>
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*Prerequisite: Drawing I and 2D Fundamentals*

This upper level drawing class is for students who are seeking opportunities for individual expression. Projects in Drawing 2 are designed to allow students to build off of skills learned in 2D Fundamentals and Drawing 1. Students here are encouraged to seek what interests them on an individual basis and become self-lead artists. **Supply Fee: \$10.** Students facing financial hardship should contact their counselor for assistance options.

<b>PAINTING</b>	<b>ART401</b>	<b>.5 credit</b>	<b>10/11/12</b>
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*Prerequisite: Successful completion of Art Fundamentals 2-D and Drawing I*

This course is for students who want to more deeply explore the media of paint. Students in this class should have a strong understanding of observational skills and drawing abilities. Students will find more opportunities to make independent and individual decisions about their own art process. The focus will be on art history, acrylic paint, watercolor and oil paints. Chromebooks are required each day. **Supply Fee: \$10.** Students facing financial hardship should contact their counselor for assistance options.

<b>CERAMICS</b>	<b>ART630</b>	<b>.5 credit</b>	<b>10/11/12</b>
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*Prerequisite: Art Fundamentals 3-D*

This course is for students who more deeply want to explore the medium of clay. Students will continue to build skills in a wide range of handbuilding techniques. In addition, this class will also introduce techniques in wheel throwing. Students will continue to study ceramics in art history and begin a deeper level understanding of the clay process. Chromebooks are required each day. **Supply Fee: \$10.** Students facing financial hardship should contact their counselor for assistance options.

<b>ADVANCED CERAMICS</b>	<b>ART633</b>	<b>.5 credit</b>	<b>10/11/12</b>
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REPEATABLE.

*Prerequisite: Ceramics*

This course is for students who had success in Ceramics and have found a personal passion for clay. Students will continue to build on existing clay skills: handbuilding, wheel throwing or mass production techniques. Students will find more opportunities to make independent and individual decisions about their own art process. This class can be taken in consecutive semesters to create a year-long class. Chromebooks are required each day. **Supply Fee: \$10.** Students facing financial hardship should contact their counselor for assistance options.

<b>SCULPTURE</b>	<b>ART130</b>	<b>.5 credit</b>	<b>10/11/12</b>
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*Prerequisite: Art Fundamentals 3-D*

This course is for students who more deeply want to explore the mediums of sculpture other than clay. Students will continue to build skills in a wide range of handbuilding techniques. Students will continue to study sculpture in art history and begin a deeper level understanding of the sculpture as an art form. Chromebooks are required each day. **Supply Fee: \$10.** Students facing financial hardship should contact their counselor for assistance options.

<b>INTERIOR DESIGN</b>	<b>ART505</b>	<b>.5 credit</b>	<b>10/11/12</b>
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*Recommended: Art Fundamentals 2-D, Art Fundamentals 3-D or Drawing*

This course will introduce students to the professional, technical, and aesthetic aspects of Interior Design. Students will study art elements and principles and how to apply them to decorating choices. Topics will include architecture and furniture history, design and function of interior space, floor plans, creating presentation boards, upcycle projects, as well as working with Building Trades class to stage spaces. Making wise housing choices can improve the quality of life now and in the future. **Supply Fee: \$10.** Students facing financial hardship should contact their counselor for assistance options.

<b>PHOTOGRAPHY I</b>	<b>ART201</b>	<b>.5 credit</b>	<b>10/11/12</b>
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*Prerequisite: Art Fundamentals 2-D*

Have you ever wondered how those black and white photographs you see in history class were created? In this course, you will see how by using a traditional 35 mm Single Lens Reflex (SLR) camera. If you like to take photos with new digital technology, try a different technique using black & white film and develop your photos in the darkroom, this course is for you. Students will focus on the elements of design learned in Art Fundamentals to explore the world of photography. **Supply Fee: \$10.** Students facing financial hardship should contact their counselor for assistance options.

<b>PHOTOGRAPHY II</b>	<b>ART202</b>	<b>.5 credit</b>	<b>11/12</b>
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*Prerequisite: Photography I (B grade or better is highly suggested)*

If you enjoyed Photography I, then you'll really love Photography II. This course is a continuation from Photography I learning additional, more complex 35mm black & white and digital techniques and skills. Develop technical and aesthetic skills in photography with an introduction to digital photography and its potential applications with computer software and print. Students are encouraged to work independently pursuing their own creativity as a photographer. **Supply Fee: \$10.** Students facing financial hardship should contact their counselor for assistance options.

<b>YEARBOOK</b>	<b>ART211 ART212</b>	<b>1 credit</b>	<b>11/12</b>
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REPEATABLE.

*Prerequisite: Consent of Instructor.*

Want to help remember the joys of being a PHS student? Then help record school events by taking this yearbook course. The end result is the "Wauona" yearbook. The class gives you hands-on experience in public relations, journalism, advertising, and salesmanship. Cooperatively, students develop a yearbook theme, and then learn to plan and publish the finished product. You'll write it, design it, photograph it, proofread it, and then sit back and admire it when it arrives from the printers. Students develop skills in layout and design using Adobe InDesign.


# BUSINESS & INFO TECHNOLOGY

## Course Offerings:

Course	Credits	9th	10th	11th	12th
Microsoft Office Academy 	1 (3 college)	X	X	X	X
Accounting I	1		X	X	X
Employability Skills	.5		X	X	X
Business Graphics	.5		X	X	X
Social Media Marketing	.5		X	X	X
Web Design	.5		X	X	X
Accounting II	1			X	X
Sports & Entertainment for Business	.5			X	X
Personal Finance	.5			X	X
Youth Apprenticeship	1			X	X

## Course Descriptions:

<b>MICROSOFT OFFICE ACADEMY</b>	<b>BUS301 BUS302</b>	<b>1 credit (3 college)</b>	<b>9/10/11/12</b>
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With over 90% of businesses expecting employees to have Microsoft Office skills, we are excited that this course is taught on a PC desktop computer using Microsoft Office 2019. Students will learn to be productive using Microsoft Office and other software tools for a wide range of jobs and other life pursuits. Students will have the opportunity to obtain three industry certifications. Students can obtain additional certifications if wanted as a "Microsoft Word, Excel, and PowerPoint Specialist". **Students taking this class can earn 1 credit toward PHS graduation AND 3 dual credits at Madison College. Don't miss out on this great opportunity for free college credits.** 

<b>ACCOUNTING I</b>	<b>BUS551 BUS552</b>	<b>1 credit</b>	<b>10/11/12</b>
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Come explore the fascinating world of accounting! This introductory course will feed your curiosity for how businesses operate, as well as giving you working knowledge of one of the most important functions within any corporation. We will learn basic accounting principles where you will use your knowledge to complete QuickBooks business simulations in which you must act as the head accountant for a business. You will also learn how we use accounting every single day in our personal lives. We use accounting to check our finances, manage our bills, and complete income taxes. **It is recommended that students planning to major in business in college take this course.**

<b>EMPLOYABILITY SKILLS</b>	<b>BUS561</b>	<b>.5 credit</b>	<b>10/11/12</b>
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You're hired! This course provides you with the opportunity to develop skills needed to seek, obtain, and maintain employment. Students will learn how to fill out a job application, complete a resume, write a cover letter, interview, and grab the job! Students will be required to participate in a Job Shadow Day. This course also covers basic employment musts such as insurance, reading your paycheck, and calculating wages.

<b>BUSINESS GRAPHICS</b>	<b>BUS503</b>	<b>.5 credit</b>	<b>10/11/12</b>
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*Recommended Prerequisites: Microsoft Office Academy*

Graphic design often refers to both the process (designing) by which the communication is created and the products (designs) which are generated. Students will learn how to create a variety of projects such as flyers, invitations, magazine covers, business cards, door hangers, table tents, tickets, labels, and much more. A variety of software packages will be used to design the projects.

<b>SOCIAL MEDIA MARKETING</b>	<b>BUS571</b>	<b>.5 credit</b>	<b>10/11/12</b>
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Instagram, Twitter, and Facebook - OH MY! This course will prepare students for a career by focusing on understanding and effectively using strategies of marketing using social media. The course is designed to provide key concepts and learning experiences with social media marketing. By gaining an understanding of foundational concepts (creating practical, hands-on projects and experiencing social media marketing through an online simulation), students will have a foundation to help them succeed in social media and digital marketing today and in their future professions. Note: Students must have or make a Twitter account for this class.

<b>WEB DESIGN</b>	<b>BUS221</b>	<b>.5 credit</b>	<b>10/11/12</b>
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Web Design offers students the chance to develop, design, and publish web pages. This course will introduce the methods and techniques of Web page design using HTML, CSS, and JavaScript. Students learn to create web pages for various purposes using a text editor in conjunction with the web browsers (Chrome). The course will begin with how to create and edit Web pages; work with text and hyperlinks; add pictures, animations, and lists. Students will use CSS to customize the look of the web page. They will make pages that are responsive to the size of the screen. They will learn to create CSS animations and how to use basic javascript to make actions on a web page. Students will work on overall site design by adding navigation bars, applying and customizing a graphical theme, and previewing and testing the Web site. Course will stress good design, function, and presentation skills.

<b>ACCOUNTING II</b>	<b>BUS555 BUS556</b>	<b>1 credit (2 college)</b>	<b>11/12</b>
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*Prerequisites: Accounting I*

Give yourself the competitive edge! Whether your after graduation plans include post-secondary education or going straight to the working world, Accounting II is for the young professional who wants to understand "how" a business operates. This class will prepare you to manage, report, interpret, and analyze financial data as well as help you to develop the skills necessary to understand the "story behind the numbers"!

<b>SPORTS &amp; ENTERTAINMENT FOR BUSINESS</b>	<b>BUS541</b>	<b>.5 credit</b>	<b>11/12</b>
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Marketing is the tool that has allowed the United States economy to be one of the most successful in the world. Come and learn how fans and companies spend billions of dollars each year on sports and how entertainment is one of the largest exports from the United States to the rest of the world. You will learn the basic functions of marketing and how those functions are applied to sports and entertainment. What are you waiting for? Sign up today!

<b>YOUTH APPRENTICESHIP</b>	<b>MISC121</b>	<b>1 credit</b>	<b>11/12</b>
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The Youth Apprenticeship Program is a unique opportunity for students to start preparing for a career while still in high school. This one- or two-year program provides the opportunity for earning an hourly wage while learning from skilled professionals. Excused time from school is optional. Students completing the program will receive a certificate of occupational proficiency from the Wisconsin Department of Workforce Development. Participation in the Youth Apprenticeship Program requires the student to meet entry criteria. Students must have a high interest in the finance field (business, finance, accounting, banking and/or insurance), be on track to graduate, have adequate transportation, obtain parental permission, have a good attendance record, and be willing to submit to an application and interview process. Strong interest in math and fluency in computers also make this program an attractive career option for students. Applicants are approved for the program on a case-by-case basis. May earn up to a maximum of 2 credits during 11th and 12th grades.



## Course required for PHS Graduation.

<b>PERSONAL FINANCE</b>	<b>BUS531</b>	<b>.5 credit</b>	<b>11/12</b>
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Do you want to learn about money? More specifically, do you want to know how you make it, invest it, protect it, and manage it? You will also explore the world of credit cards and learn some real-world lessons like balancing your checkbook, balancing a budget, and tips/tricks to staying out of debt. Come check us out, the smart money is in personal finance.

# COMPUTER SCIENCE

## Course Offerings:

Course	Credits	9th	10th	11th	12th
Computer Science Principles 1	.5	X	X	X	X
Computer Science Principles 2	.5	X	X	X	X
Python Programming 1 (2024-2025)	.5		X	X	X
Python Programming 2 (2024-2025)	.5		X	X	X
JAVA Programming 1 (2025-2026)	.5		X	X	X
JAVA Programming 2 (2025-2026)	.5		X	X	X
iTeam - Student Technology Assistant	.25		X	X	X
AP Computer Science (A) S1	.5			X	X
AP Computer Science (A) S2	.5			X	X
Equivalent to Math Credit					
Python Programming 1	.5		X	X	X

## Course Descriptions:

COMPUTER SCIENCE PRINCIPLES I	COMP104	.5 credit	9/10/11/12
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This course introduces students to the 7 guiding principles in computer science: creativity, abstraction, data and information, algorithms, programming, the internet and global impact. Students will focus on creativity, algorithms and programming. Students will study topics related to digital information including the use of binary and hexadecimal numbers as well as how computers store complex information like numbers, text, images and sound. Students will design apps for android or iphone devices using Thunkable. They will use basic components of apps such as buttons, textboxes, Labels, sliders, canvas, sprites and more. Students will design the layout and behaviors of apps and think about ways of improving what they create. Students will be introduced to basic programming concepts such as variables, if statements, loops, functions and lists using block based programming. Students will also study basic internet safety topics.

COMPUTER SCIENCE PRINCIPLES II	COMP105	.5 credit	9/10/11/12
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*Prerequisite: Successful completion of Computer Science Principles I*

Students will study the 7 guiding principles in computer science: creativity, abstraction, data and information, algorithms, programming, the internet and global impact. They will learn about how the Internet works and discuss its impact on world culture, the economy and politics. Students will learn basic database terms and will learn some basic SQL commands to pull data from a database. They will learn how to clean data so it can be used in a database. They will look at topics related to cybersecurity and ways that we can keep data safe.

PYTHON PROGRAMMING I	COMP201	.5 credit	10/11/12
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*Prerequisite - Successful completion of Computer Science Principles I*

**“Python Programming I” will satisfy a required Math credit for graduation from Portage High School  
BUT is not considered a college admission Math credit.**

*Python Programming I is offered every other year. It will be offered for the 2024-25 school year.* Python Programming I provides an introduction to Python, a popular high-level programming language. We will use Carnegie Mellon University's Computer Programming I curriculum to learn the python language along with the CMU graphics package. Students learn to create basic shapes in Python as they learn about variables, functions, mouse events, key events, if statements, and groups. Programs will increase in complexity to include code until students are able to make groups of shapes and design a simple animated program.. Students who are considering pursuing career fields involving computer science can begin investigating their options in this course.

<b>PYTHON PROGRAMMING II</b>	<b>COMP202</b>	<b>.5 credit</b>	<b>10/11/12</b>
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*Prerequisite: Successful completion of Python Programming I.*

**Python Programming II is offered every other year. It will be offered for the 2024-25 school year.** Computer Programming II continues the study of the Python programming language using Carnegie Mellon University's Computer Programming I curriculum. Students will continue to use the graphics package and use groups to make complex shapes. They will learn to use functions with return values including math functions. They learn how to use random numbers, loops, local variables, lists and 2D Arrays effectively in their programs. Students will produce their own graphical game by the end of the semester.

<b>JAVA PROGRAMMING S1</b>	<b>COMP211</b>	<b>.5 credit</b>	<b>10/11/12</b>
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*Prerequisite: Successful completion of Computer Science Principles*

**JAVA Programming S1 is offered every other year. It will be offered for the 2025-2026 school year.** This introductory-level is designed for people who have some programming experience and are considering a career in the computer field. In JAVA Programming, students gain an understanding of JAVA platforms and learn how to build a stand-alone application. Students also learn the techniques of JAVA and how JAVA can be used in cross-platform programming. Students will use primitive data types, conditional statements, loops, methods, classes and objects in this course.

<b>JAVA PROGRAMMING S2</b>	<b>COMP212</b>	<b>.5 credit</b>	<b>10/11/12</b>
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*Prerequisite: Successful completion of Java Programming 1*

**JAVA Programming S2 is offered every other year. It will be offered for the 2025-2026 school year.** Students will continue their study of java programming in this course. They will review how to create classes and objects. They will learn to use arrays, ArrayLists, and files in their programs. Students will have an introduction creating graphical user interfaces and creating basic games in JAVA.

<b>iTEAM - STUDENT TECHNOLOGY ASSISTANT</b>	<b>MISC331</b>	<b>.25 credit</b>	<b>10/11/12</b>
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*REPEATABLE - can earn 0.25 credit per quarter*

We are looking for iTeam members that will assist students and staff with technology. Students must be motivated to help others, able to work independently, and provide excellent customer service. Students must complete an application and interview for a position. Students selected will have training in August and will help with Chromebook disbursement during August registration. During the school year, they will staff the iTeam Desk in the PHS iCenter.

#### **Program Description:**

This program gives qualified students hands-on experience and formal training in computer troubleshooting and technical support. Students will assist students and staff in maintaining and using technology devices. Selected students will receive 0.25 credit per quarter for participating in this program.

#### **Qualifications:**

- knowledgeable and enthusiastic about technology
- reliable in fulfilling duties
- trustworthy
- accurate recordkeeping
- ability to keep confidential information

#### **Responsibilities:**

- Chromebook/Google support for students
- technology support for staff members
- Chromebook hardware repairs
- technology maintenance/cleaning
- updating student technology support website
- edit/upload video/multimedia content

#### **Application:**

Students must complete an online application form and interview with Ms. Eppinger before being selected as an iTeam member. Online application must be completed in mid-April of prior school year. **iTeam will be added to the schedule upon approval.**

# Online Course Descriptions:

<b>AP COMPUTER SCIENCE S1</b>	<b>COMP305</b>	<b>.5 credit</b>	<b>11/12</b>
<b>AP COMPUTER SCIENCE S2</b>	<b>COMP306</b>	<b>.5 credit</b>	<b>11/12</b>

*Prerequisite: Successful completion of Python Programming I & II or Java Programming I & II.*

**STUDENT & PARENT/GUARDIAN WILL BE REQUIRED TO SIGN A REIMBURSEMENT AGREEMENT.**




AP Computer Science S1 and S2 are the equivalent of a first semester, college-level course in computer science. The course emphasizes object-oriented programming methodology with a concentration on problem-solving and algorithm development. It also includes the study of data structures, design, and abstraction. Students enrolling in AP Computer Science should have knowledge of mathematics at the Algebra II level, as well as previous programming experience, a basic understanding of networks, and knowledge of the responsible use of computer systems (including system reliability, privacy, legal issues, intellectual property, and the social and ethical ramifications of computer use). To take this course, students need regular access to a computer system with recent technology.

**Course is offered through Wisconsin Virtual School.**

# ENGLISH

## Course Offerings:

Course	Credits	9th	10th	11th	12th
English I	1	X			
English II	1		X		
American Literature: Society and Self	.5		X	X	X
American Literature: Survey	.5		X	X	X
World Literature: Society and Self	.5			X	X
World Literature: Survey	.5			X	X
Contemporary Literature	.5			X	X
Creative Writing	.5			X	X
Public Speaking	.5			X	X
Suspenseful Fiction	.5			X	X
Writing for STEM	.5			X	X
AP English Language & Composition	1			X	X
AP English Literature & Composition	1			X	X
English 101 – College Freshmen 	.5 PHS 3 college			X	X

## Course Descriptions:

<b>ENGLISH I</b>	<b>ENG201 ENG202</b>	<b>1 credit</b>	<b>9</b>
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This course includes the study of literature, writing, speaking, informational text, and language. The study of literature consists of the short story, novel, non-fiction, and poetry emphasizing the study of literary terms. Students will develop skills in descriptive, summary, expository, and narrative writing. A research report and formal/informal speaking experiences are also required. Recreational reading allowing for personal choice of material is built into the course.

<b>ENGLISH II</b>	<b>ENG301 ENG302</b>	<b>1 credit</b>	<b>10</b>
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*Prerequisite: Successful completion of both terms of English I.*

This course reinforces and develops the skills introduced in English I. Students will practice researching, speaking, summarizing, comparing/contrasting, and persuading. Poetry, short fiction, nonfiction, drama, and novels form the basis for reflection, analysis, argument and response to reading.

<b>AMERICAN LITERATURE: SOCIETY AND SELF</b>	<b>ENG501</b>	<b>.5 credit</b>	<b>10/11/12</b>
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*Prerequisite: Successful completion of English II*

In this course, students will read a variety of texts in order to understand some viewpoints and conflicts unique to society and the individual in America. Through analysis and discussion of the texts and theme, students will explore the impact of society on the individual.

<b>AMERICAN LITERATURE: SURVEY</b>	<b>ENG502</b>	<b>.5 credit</b>	<b>10/11/12</b>
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*Prerequisite: Successful completion of English II*

In this course, students will read a variety of texts in order to understand some viewpoints and conflicts regarding the "American Dream". Through analysis and discussion of the texts and theme, students will explore the achievability and complexity of the "American Dream".

<b>WORLD LITERATURE: SOCIETY AND SELF</b>	<b>ENG511</b>	<b>.5 credit</b>	<b>11/12</b>
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*Prerequisite: Successful completion of English II*

In this course, students will read and discuss short stories, novels, poetry, and plays by international authors which focus on how characters and individuals see themselves in relation to their wider culture and society. Significant requirements include literary analysis, research, class discussions, and essays.

<b>WORLD LITERATURE: SURVEY</b>	<b>ENG512</b>	<b>.5 credit</b>	<b>11/12</b>
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*Prerequisite: Successful completion of English II*

In this course, students will read and discuss short stories, novels, poetry, and plays by international authors to discover a range of perspectives, cultures, and ideas in the world. Significant requirements include literary analysis, research, class discussions, and essays.

<b>CONTEMPORARY LITERATURE</b>	<b>ENG400</b>	<b>.5 credit</b>	<b>11/12</b>
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*Prerequisites: Successful completion of English II.*

Contemporary Literature focuses on fiction, poetry, or plays published in the 21st century. Students will spend time deeply analyzing characters, author's craft, and word choices to have robust class discussions. These analyses and discussions will help students make connections to their lives, current issues, and the wider world.

<b>CREATIVE WRITING</b>	<b>ENG410</b>	<b>.5 credit</b>	<b>11/12</b>
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*Prerequisites: Successful completion of English II.*

Students will explore the art of creative expression through writing. They will experiment with short fiction, poetry, and creative non-fiction, learning to craft compelling stories, vivid imagery, and authentic personal narratives. The class provides a supportive environment for students to develop their unique voice and style while studying literary techniques through mentor texts.

<b>PUBLIC SPEAKING</b>	<b>ENG412</b>	<b>.5 credit</b>	<b>11/12</b>
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*Prerequisites: Successful completion of English II.*

Students will develop confidence and skill in speaking before an audience. Through various speech styles - including persuasive, informative, and impromptu - students will practice organizing ideas, using body language, and mastering vocal delivery. Emphasis is placed on clear communication, audience engagement, and overcoming the fear of public speaking in a supportive and constructive environment.

<b>SUSPENSFUL FICTION</b>	<b>ENG440</b>	<b>.5 credit</b>	<b>11/12</b>
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*Prerequisites: Successful completion of English II.*

Students will explore the captivating world of suspenseful fiction, delving into mystery and thriller stories that keep readers on the edge. Through reading classic and contemporary works, students will analyze the key elements of suspense, including plot twists, character development, and pacing. They will also be able to craft their own suspenseful stories, learning how to build tension and create compelling narratives. This class will enhance students' critical reading and creative writing skills while engaging their imaginations in thrilling and mysterious ways.

<b>WRITING FOR STEM</b>	<b>ENG601</b>	<b>.5 credit</b>	<b>11/12</b>
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*Prerequisites: Successful completion of English II.*

Writing for STEM is designed for students who are pursuing a career (or who are passionate hobbyists) in the areas of science, technology, engineering, and/or math. In preparation for the substantial and rigorous writing demanded by post-secondary STEM studies and career fields, students will hone their STEM writing and analysis skills by producing a portfolio of writing forms foundational to their field(s) of interest. (This course satisfies an English credit for graduation from Portage High School BUT may not be considered as strongly in college admissions decisions. Students are advised to choose wisely based on their academic ability and post-secondary plan).

<b>AP ENGLISH LANGUAGE &amp; COMPOSITION</b>	<b>ENG531 ENG532</b>	<b>1 credit</b>	<b>11/12</b>
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*Prerequisites: Students need to complete two trimesters of a literature class: American Literature, World Literature, Contemporary Literature or Suspenseful Fiction.*



**THIS IS A PRIME CLASS – STUDENTS MUST COMPLETE A PRIME COURSE CONTRACT.**

The AP English Language and Composition course “focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts from a range of disciplines and historical periods.” The course “cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical, and responsive readers of diverse texts and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students in the course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers’ intentions and elicit readers’ responses in particular situations.” This course prepares students to take the highly recommended Advanced Placement (AP) exam in English Language and Composition (cost is approximately \$99 Students facing financial hardship should contact their counselor for assistance options.) to potentially earn college credits.

*NOTE: To verify that any college course credit will transfer to a particular UW College System campus, go to UW Help’s “College Credit Opportunities” website at <https://uwhelp.wisconsin.edu/prep-for-college/credits/>. Students are strongly encouraged to contact college or university admissions offices directly to see how college credit and/or advanced placement exam results completed in high school will be considered at the schools of their choice.*

<b>AP ENGLISH LITERATURE &amp; COMPOSITION</b>	<b>ENG521 ENG522</b>	<b>1 credit</b>	<b>11/12</b>
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*Prerequisites: Students need to complete two trimesters of a literature class: American Literature, World Literature, Contemporary Literature or Suspenseful Fiction.*



**THIS IS A PRIME CLASS – STUDENTS MUST COMPLETE A PRIME COURSE CONTRACT.**

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work’s structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. This course prepares students to take the Advanced Placement (AP) exam in English Literature and Composition. The cost of the exam is approximately \$99 Students facing financial hardship should contact their counselor for assistance options.. **Preliminary reading and written response in summer may be required.**

*NOTE: To verify that any college course credit will transfer to a particular UW College System campus, go to UW Help’s “College Credit Opportunities” website at <https://uwhelp.wisconsin.edu/prep-for-college/credits/>. Students are strongly encouraged to contact college or university admissions offices directly to see how college credit and/or advanced placement exam results completed in high school will be considered at the schools of their choice.*

<b>ENGLISH 101 – COLLEGE FRESHMAN ENGLISH</b>	<b>ENG541</b>	<b>.5 credit (3 college)</b>	<b>11/12</b>
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*Prerequisites: Students need to complete two trimesters of a literature class: American Literature, World Literature, Contemporary Literature or Suspenseful Fiction. Students must meet UW Whitewater requirements of a minimum of 3.25 cumulative GPA or Top 25% of class.*



**THIS IS A PRIME CLASS – STUDENTS MUST COMPLETE A PRIME COURSE CONTRACT.**

English 101 provides students with a foundation for the development of critical thinking and writing skills necessary for attaining success in college and future career. The course, the first of a two-semester sequence required of all students at UW Whitewater, is a central component of the college's "General Education" program. The course focuses heavily on non-fiction readings and examples of strong public discourse. The writing component of this course will include formal and informal writing in a variety of modes and formats such as expository, descriptive, analytical, and argumentative essays.

**STUDENTS ARE RESPONSIBLE FOR THE COST OF THE TUITION WHICH IS APPROXIMATELY \$325 (BASED ON UW WHITEWATER TUITION RATES FOR THE UPCOMING SCHOOL YEAR. TUITION MUST BE PAID TO PCS D BY SEPTEMBER 1.**

Students must complete a contract with UW Whitewater including signature of a parent and the English 101 instructor. Anthologies are rented from UWW, but students may need to obtain additional books. . FERPA laws regarding student privacy apply. Students earning a "C" grade or better will earn 3 dual credits for UW Whitewater's English 101 class.

*NOTE: To verify that any college course credit will transfer to a particular UW College System campus, go to UW Help's "College Credit Opportunities" website at <https://uwhelp.wisconsin.edu/prep-for-college/credits/>. Students are strongly encouraged to contact college or university admissions offices directly to see how college credit and/or advanced placement exam results completed in high school will be considered at the schools of their choice.*

# FAMILY & CONSUMER SCIENCE

## Course Offerings:

Course	Credits	9th	10th	11th	12th
<b>CULINARY</b>					
Intro to Culinary Arts	.5	X	X	X	X
Baking and Pastry Arts	.5	X	X	X	X
World Cuisine	.5		X	X	X
Advanced Culinary	1			X	X
Youth Apprenticeship	1			X	X
<b>EDUCATION / HUMAN SERVICES</b>					
Family Life	.5	X	X	X	X
Child Development	.5	X	X	X	X
Youth-to-Youth	.5			X	X
Assistant Childcare Teacher	.5			X	X

## Culinary - Course Descriptions:

<b>INTRO TO CULINARY ARTS</b>	<b>FCE101</b>	<b>.5 credit</b>	<b>9/10/11/12</b>
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Students will receive a comprehensive introduction to knife skills and kitchen sanitation. Nutrition, safety, and teamwork are emphasized along with science, technical reading and math skills. Students will learn the basics of planning, selecting, preparing and presenting food. Careers in culinary arts will be introduced. Students will prepare a variety of recipes which increase in difficulty throughout the semester. **\$20 Course Fee.** Students facing financial hardship should contact their counselor for assistance options.

<b>BAKING AND PASTRY ARTS</b>	<b>FCE113</b>	<b>.5 credit</b>	<b>9/10/11/12</b>
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*Prerequisite:* Successful completion of Intro to Culinary Arts.

Students will receive a comprehensive introduction to the bakeshop. Principles of baking, professional techniques, tools and recipes will be explored. Careers in baking will be introduced. Course topics will include quick and yeast breads, cookies and brownies, pies and tarts, cakes, cake decorating and plated desserts. Students will participate in baking labs designed to increase in difficulty throughout the semester. **\$20 Course Fee.** Students facing financial hardship should contact their counselor for assistance options.

<b>WORLD CUISINE</b>	<b>FCE123</b>	<b>.5 credit</b>	<b>10/11/12</b>
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*Prerequisite:* Successful completion of Intro to Culinary Arts.

Expand your knowledge of global cuisine and cultures through cooking and learning about different regions of the world. Students will prepare recipes that focus on the taste, flavors and styles of diverse cuisines. Authentic recipes from North America, South America, Africa, Asia and Europe will be prepared. **\$20 Course Fee.** Students facing financial hardship should contact their counselor for assistance options.

<b>ADVANCED CULINARY</b>	<b>FCE130 FCE131</b>	<b>1 credit</b>	<b>11/12</b>
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*Prerequisite: Successful completion of Intro to Culinary Arts and either Baking & Pastry Arts or World Cuisine & Consent of Instructor*

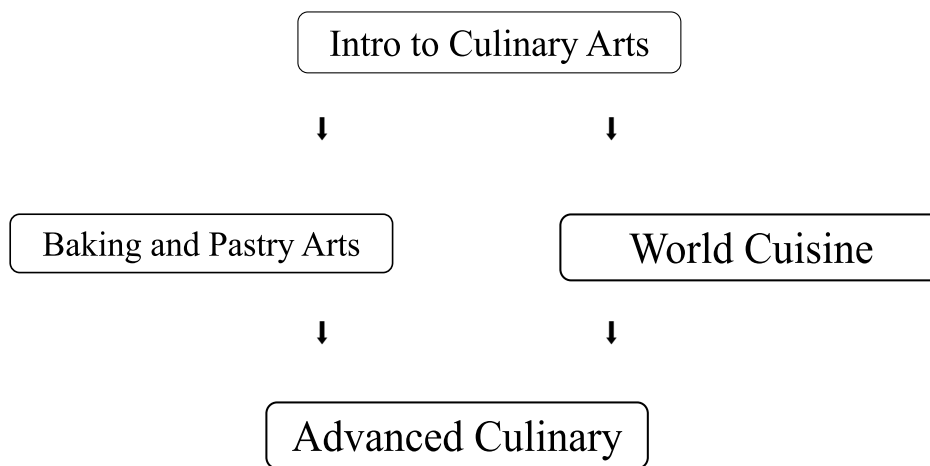
If you are interested in a career or have a passion for the culinary arts, then this class is for you. Students will learn advanced culinary skills and put them to use in hands-on culinary labs and catering events. Students will also learn about front and back of the house operations using the curriculum ProStart, which is designed by the National Restaurant Association. As part of the course, students will be working to obtain ServSafe certification. Students will enhance their management and leadership skills. **\$50 course fee.** Students facing financial hardship should contact their counselor for assistance options.

<b>YOUTH APPRENTICESHIP</b>	<b>MISC121</b>	<b>1 credit</b>	<b>11/12</b>
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The Youth Apprenticeship Program is a unique opportunity for students to start preparing for a career while still in high school. This one- or two-year program provides the opportunity for earning an hourly wage while learning from skilled professionals. Excused time from school is optional. Students completing the program will receive a certificate of occupational proficiency from the Wisconsin Department of Workforce Development. Participation in the Youth Apprenticeship Program requires the student to meet entry criteria. This program is applicable for a student who has expressed an interest in a customer service, culinary arts, travel, tourism, lodging, or business management career, and makes for an attractive career option for students with a strong desire to work with many different people in travel and leisure services. Participants must be on track to graduate, have adequate transportation, obtain parental permission, have a good attendance record, and be willing to submit to an application and interview process. Applicants are approved for the program on a case-by-case basis. May earn up to a maximum of 2 credits during 11th and 12th grades.



## Culinary Pathway



# Education / Human Services - Course Descriptions:

<b>FAMILY LIFE</b>	<b>FCE401</b>	<b>.5 credit</b>	<b>9/10/11/12</b>
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This course allows students to explore issues relating to themselves and their role in the family. Guest speakers, multimedia presentations, and class discussions are often used to help students gain an understanding of personal and family issues. Examples of topics include relationships with our parents and siblings, decisions about dating and marriage, decisions about having children, and family crisis situations.

<b>CHILD DEVELOPMENT</b>	<b>FCE403</b>	<b>.5 credit</b>	<b>9/10/11/12</b>
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This course is designed for students who want to learn more about children. Students will explore the responsibilities that are involved in the parenting role and study childhood behavior and growth. The physical, emotional, social, and intellectual aspects of the child will be emphasized. This course will prepare students to be more knowledgeable parents and caregivers in their future. Career possibilities will be explored. If you are considering a career in childcare, teaching, or entering any area of healthcare, social work or counseling, this class is for you.

<b>YOUTH-TO-YOUTH</b>	<b>FCE155</b>	<b>.5 credit</b>	<b>11/12</b>
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## REPEATABLE.

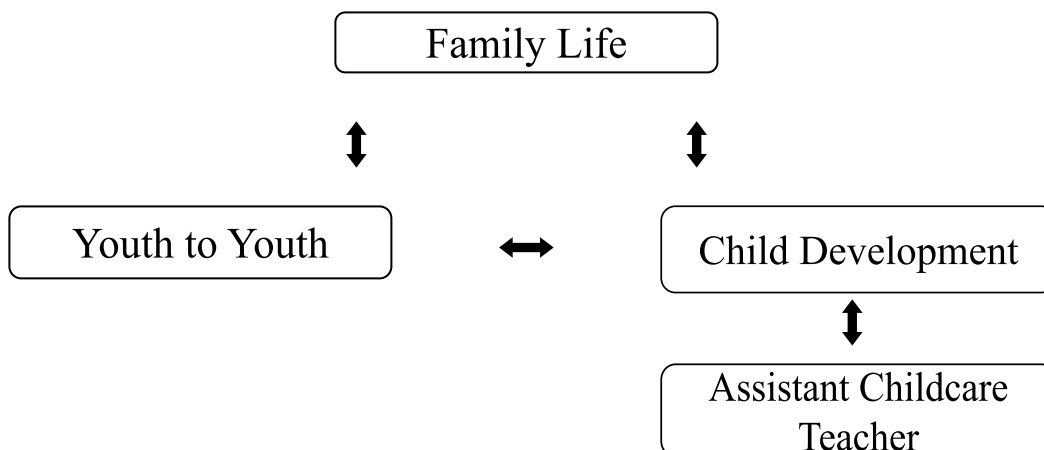
Youth Tutoring Youth is open to students interested in working with young children. The field of education offers many career opportunities both in the traditional classroom and non-traditional classroom. Students are given classroom instruction in child development, effective tutoring strategies, lesson plan and material development and professional ethics. Students are assigned to an elementary school classroom where they tutor four days per week. **Good attendance is required.**

<b>ASSISTANT CHILDCARE TEACHER</b>	<b>FCE421</b>	<b>.5 credit</b>	<b>11/12</b>
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*Prerequisite: Successful completion of Child Development.*

This course is designed for students who wish to pursue careers that involve childcare, daycare, preschool, or teaching. We will cover techniques for interacting with children, planning and implementing classroom activities, guiding children's behavior, and creating a safe and healthy environment. Students will volunteer 15 hours at area childcare centers, preschools, and elementary schools. Students who successfully complete this course will be eligible to receive the Assistant Childcare Teacher Certificate issued by the Department of Public Instruction. This certificate allows students to work in a daycare as an assistant teacher. This certification meets the requirements of the Department of Health and Social Services for the 40-hour childcare course.

## Education / Human Services Pathway



# HEALTH SCIENCE

## Course Offerings:

Course	Credits	9th	10th	11th	12th
Health Issues	.5	X	X		
Introduction to Health Careers	.5		X	X	X
Personal Wellness	.5			X	X
Sports Medicine	.5			X	X
Nursing Assistant	.75 (3 college)			X	X
Youth Apprenticeship	1			X	X

## Course Descriptions:

HEALTH ISSUES	HEA101	.5 credit	9/10
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Course introduces relevant trends in health topics by connecting these concepts: understanding health and wellness, making responsible decisions, achieving mental and emotional health, managing stress and coping with loss, and the foundations of healthy and safe relationships. This includes nutrition and physical activity as well as body systems: diseases and disorders, growth and development, alcohol and other drugs. Required assessments will include the areas of guided practice, activity labs, projects and quizzes and tests. **Earbuds and colored markers are required for class.**

INTRODUCTION TO HEALTH CAREERS	HEA201	.5 credit	10/11/12
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This course is designed to introduce the student to a wide variety of health careers. Students will investigate a variety of health care careers including the educational requirements, personal characteristics, and necessary skill sets. Guest speakers from a variety of Health careers are brought in to inform students about their career and answer students' questions. Healthcare past, present, and future perspectives are presented. **Earbuds and colored markers are required for class.**

PERSONAL WELLNESS	HEA111	.5 credit	11/12
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This course focuses on your personal responsibility for your health, including family health history, lifestyle factors and their relationships to well being, behaviors, and disease. Some topics include: the health dimensions, personal awareness and personality, sleep and stress management. Students will develop their own goals and wellness plan. **Earbuds and colored markers are required for class.**

SPORTS MEDICINE	HEA203	.5 credit	11/12
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This class is designed for students who are interested in going into sports medicine or other athletic medical fields. Students will be introduced to the profession and gain an in-depth knowledge of the skeletal and muscular system, such as the bony landmarks and muscles that connect to the body. Students will be taught various ways to care for patients and their injuries, and have the opportunity to practice preventative sports medicine skills, such as taping. Ultimately, students will gain a better understanding of sports medicine and the healthcare profession.

<b>NURSING ASSISTANT</b>	<b>HEA401</b>	<b>.75 credit (3 college)</b>	<b>11/12</b>
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*Prerequisites: Students are encouraged to complete the Introduction to Health Careers course at Portage High School with a "C" or higher grade. Students must be 17 years old and have reliable transportation. A minimum score of 13 on the Reading portion of the ACT Test is required. Students must attend the Prep Steps meeting as well as complete/pass online background check, health history information, current immunizations, two-step TB skin tests, flu shot and COVID-19 vaccination/booster shot to be enrolled in the course – all costs are paid by the student.*



***Nursing Assistant course and clinicals will be held outside of the school day. Enrollment will be through the "Start College Now" program at Madison College.***

This 120-hour course prepares students for employment as a Nursing Assistant ("NA") - 50 hours of theory classroom, 30 hours of lab experience and 40 hours in a clinical setting. Course prepares students to care for patients under the supervision of a licensed professional nurse. In addition to using a textbook, the NA course allows students to view instructional nursing skills videos, practice-nursing skills, and complete nursing assistant skills testing. Skills taught include: bed making, personal care and hygiene, transporting patients, taking temperature, pulse and respiration, and feeding patients. Learn to assist patients with activities of daily living, assisting patients to their highest level of functioning, and maintain resident rights and patient confidentiality. The State of Wisconsin requirements for certification will not be met if a student is absent for 8 clock hours for any reason.

***Once a student is accepted into the Start College Now program, student and parent(s) must sign an agreement to reimburse the school district the full cost of the class and books (approximately \$500) if student drops or fails the course.***

Students will take the National Nurse Aide Assessment Program (NNAAP) exam immediately after successful completion of the CNA course. Your name will then be placed in the nursing assistant directory for the State of Wisconsin. Testing fees are approximately \$115 and are to be paid by the student.

<b>YOUTH APPRENTICESHIP</b>	<b>MISC121</b>	<b>1 credit</b>	<b>11/12</b>
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The Youth Apprenticeship Program is a unique opportunity for students to start preparing for a career while still in high school. This one- or two-year program provides the opportunity for earning an hourly wage while learning from skilled professionals. Excused time from school is optional. Students completing the program will receive a certificate of occupational proficiency from the Wisconsin Department of Workforce Development. Participation in the Youth Apprenticeship Program requires the student to meet entry criteria. This Youth Apprenticeship occupational area focuses on the Therapeutic Services units (Dental Assistant, Medical Assistant, Nursing Assistant, and Pharmacy Technician) and allows students to care and treat patients to improve their health. The Medical Office unit gives students a chance to manage health care and patient data and information. The Ambulatory/Support Services unit allows students to assist healthcare professionals in a variety of different ways to care, treat, diagnose, or serve patients. Students must be on track to graduate, have adequate transportation, obtain parental permission, have a good attendance record, and be willing to submit to an application and interview process. Applicants are approved for the program on a case-by-case basis. May earn up to a maximum of 2 credits during 11th and 12th grades.



# HEALTH CAREER PATHWAY

9th or 10th Grade

Introduction to  
Health Careers



10th or 11th Grade

Introduction to  
Health Careers



11th or 12th Grade

Nursing Assistant


Sports Medicine

12th Grade

Independent Study or  
Youth Apprenticeship

# MATHEMATICS

## Course Offerings:

Course	Credits	9th	10th	11th	12th
Algebra I	1	X	X	X	X
Geometry	1	X	X	X	X
Algebra II	1	X	X	X	X
Probability & Statistics	1		X	X	X
Pre-Calculus 	1			X	X
Elementary Algebra	1			X	X
AP Calculus	1			X	X
Computer Course Equivalent to Math Credit					
Python Programming I (offered every other year: 2026-27)	.5		X	X	X

**High School credits earned in middle school (Algebra I, Geometry & Algebra II) are considered math credit, however, students must continue to take 3 credits of Math at PHS to graduate. Those elective mathematics credits from middle school will not be applied to the student's PHS cumulative grade point average (GPA).**

## Course Descriptions:

<b>ALGEBRA I</b>	<b>MAT401 MAT402</b>	<b>1 credit</b>	<b>9/10/11/12</b>
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Algebra I aims to deepen and extend student understanding built-in previous courses by focusing on developing fluency with solving equations and inequalities and systems; extending these skills to solving quadratic and exponential functions; exploring functions, including sequences, graphically, numerically, symbolically and verbally; and using regression techniques to analyze the fit of models to distributions of data. On a daily basis, students use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others, sharing information, expertise, and ideas. The course is well balanced between procedural fluency (algorithms and basic skills), deep conceptual understanding, strategic competence (problem solving), and adaptive reasoning (extension and transference).

<b>GEOMETRY</b>	<b>MAT601 MAT602</b>	<b>1 credit</b>	<b>9/10/11/12</b>
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*Prerequisite: Successful completion of Algebra I*

This course calls on students to use their logical and analytical skills to solve a variety of problems. Topics include: triangle relationships, measuring areas and perimeters, right triangle trigonometry, volumes and surface areas of solids, parallel lines and related angles, proving triangles congruent, quadrilaterals, similarity, and circles. Proficiency in geometry is needed for success on the ACT and SAT. Daily assignments are given.

<b>ALGEBRA II</b>	<b>MAT501 MAT502</b>	<b>1 credit</b>	<b>9/10/11/12</b>
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*Prerequisite: Successful completion of Algebra I and Geometry*

Algebra II aims to apply and extend what students have learned in previous courses by focusing on finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials, modeling periodic phenomena with trigonometry, and understanding the role of randomness and the normal distribution in making statistical conclusions. On a daily basis, students use problem solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others, sharing information, expertise, and ideas. The course is well balanced between procedural fluency (algorithms and basic skills), deep conceptual understanding, strategic competence (problem solving), and adaptive reasoning (extension and transference).

<b>PROBABILITY &amp; STATISTICS</b>	<b>MAT731 MAT732</b>	<b>1 credit</b>	<b>10/11/12</b>
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*Prerequisite: Successful completion of Algebra I, Geometry, and Algebra II*

This is an introductory course where students learn counting methods, probability, expected value, descriptive statistics, sampling methods, confidence intervals, experimental design, graphs of data, statistical inference, linear regression, and the normal curve. A heavy emphasis on using technology (graphing calculators and computers) is applied throughout the course. All students would be encouraged to take this course before or after Pre-Calculus, but this course is not a prerequisite for Calculus. **Note: A school-owned TI-84 graphing calculator will be used extensively throughout this course.**

<b>PRE-CALCULUS</b>	<b>MAT701 MAT702</b>	<b>1 credit</b>	<b>10/11/12</b>
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*Prerequisite: Successful completion of Algebra I, Geometry, and Algebra II.*

**9<sup>th</sup> graders are not eligible to take this course unless recommended by TAG (Talented & Gifted) Course Plan.**



**THIS IS A PRIME CLASS – STUDENT MUST COMPLETE A PRIME COURSE CONTRACT.**

This course is designed for college-bound students, no matter what their area of interest is. Specific topics covered will be functions and their graphs, inverse functions and relations, solving of equations of various degrees, transformation of functions, composite, polynomial, exponential, logarithmic and rational functions, unit circle and analytical trigonometry, parametric and polar equations. Mathematical modeling and real life applications are integrated throughout each unit. **Note: A graphing calculator is required for this class. A TI-83 or TI-84 is recommended.**

<b>ELEMENTARY ALGEBRA</b>	<b>MAT511 MAT512</b>	<b>1 credit</b>	<b>11/12</b>
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*Prerequisite: Successful completion of Geometry and a recommendation from either the Math Department or the Counseling Department with seniors getting first consideration. Enrolled students must be at least a junior.*

This course offers traditional algebra topics with applications. Learners develop algebraic problem-solving techniques needed for technical problem solving and for more advanced algebraic studies. Topics include linear equations, exponents, polynomials, rational expressions, and roots and radicals. Successful completion of this course prepares learners to succeed in technical mathematics courses.

**NOTE:** To verify that any college course credit will transfer to a particular UW College System campus, go to UW Help's "College Credit Opportunities" website at <https://uwhelp.wisconsin.edu/prep-for-college/credits/>. Students are strongly encouraged to contact college or university admissions offices directly to see how college credit and/or advanced placement exam results completed in high school will be considered at the schools of their choice.

<b>AP CALCULUS</b>	<b>MAT721 MAT722</b>	<b>1 credit</b>	<b>11/12</b>
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*Prerequisite: Successful completion of Algebra I, Algebra II, Geometry, and Pre-Calculus*

**THIS IS A PRIME COURSE – STUDENTS MUST COMPLETE A "PRIME COURSE CONTRACT".**



This course will discuss the topics covered in a first semester college Calculus class, including functions, limits, derivatives, and integrals. Emphasis will be placed on application problems and analysis of results. This course is recommended for students who will take Calculus in college. This course prepares students to take the highly recommended Advanced Placement (AP) exam (cost is approximately \$99). Students facing financial hardship should contact their counselor for assistance options.

**Note: A graphing calculator is required for this class. A TI-84 is recommended.**

**NOTE:** To verify that any college course credit will transfer to a particular UW College System campus, go to UW Help's "College Credit Opportunities" website at <https://uwhelp.wisconsin.edu/prep-for-college/credits/>. Students are strongly encouraged to contact college or university admissions offices directly to see how college credit and/or advanced placement exam results completed in high school will be considered at the schools of their choice.

# MUSIC

## Course Offerings:

Course	Credits	9th	10th	11th	12th
<b>BAND</b>					
Marching Band (Trimester 1)	.5	X	X	X	X
Symphonic Band (Trimester 1 - Non-Marching Band)	.5	X	X	X	X
Concert Band (Trimester 2 & 3)	1	X	X	X	X
Jazz Ensemble (Zero Hour)	.5	X	X	X	X
<b>CHOIR</b>					
Mixed Choir	1	X	X	X	X
Swing Choir (Zero Hour, M-W-F)	.5	X	X	X	X
Vocal Ensemble (Zero Hour, T-R)	.5	X	X	X	X
Treble Choir	1	X	X	X	X
Concert Choir	1			X	X
<b>BAND &amp; CHOIR COMBO</b>					
Concert Band & Concert Choir (Trimester 2 & 3)	1			X	X
Equivalent to Physical Education Credit for PHS Graduation					
Marching Band or Swing Choir	.5		X	X	X

## BAND - Course Descriptions:

<b>MARCHING BAND (Trimester 1)</b>	<b>MUS501</b>	<b>.5 credit</b>	<b>9/10/11/12</b>
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Summer commitment required – approximately 20 summer practices in June, July & August.

Students will learn music for a field show, learn choreography, learn field movements, and have numerous performance opportunities. This is a first-trimester course only. Students will perform at all home football games and marching band competitions. Enrollment in this class will also include the color guard and front-line pit ensemble. Only students enrolled in this class will experience the marching band activities.

<b>SYMPHONIC BAND (Trimester 1 - Non-Marching Band)</b>	<b>MUS201</b>	<b>.5 credit</b>	<b>9/10/11/12</b>
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Students will experience a wide variety of quality music. This will include standard classics in the band and orchestral repertoire, along with some of the better examples of popular music. Students can participate in various performing groups, such as concert bands, pep bands, and small ensembles. The bands perform at concerts, festivals, football games, basketball games, wrestling matches, graduation, parades, and various school and community functions.

<b>CONCERT BAND (Trimester 2 &amp; 3)</b>	<b>MUS301 MUS302</b>	<b>1 credit</b>	<b>9/10/11/12</b>
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Students in both bands will experience a wide variety of quality music. This will include standard classics in the band and orchestral repertoire, along with some of the better examples of popular music. Students can participate in various performing groups, such as concert bands, pep bands, and small ensembles. The bands perform at concerts, festivals, football games, basketball games, wrestling matches, graduation, parades, and various school and community functions.

<b>JAZZ ENSEMBLE (Zero Hour)</b>	MUS401 MUS402	1 credit	9/10/11/12
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Members of the Jazz Ensemble will experience various jazz music styles, including big band and small-combo jazz, improvisation, rock, swing, ballads, etc. Music from the 20's through the 90's will be studied and performed. Performances include festivals, concerts, and assemblies for elementary and junior high schools. Every member of the Jazz Ensemble is featured as a soloist, and many opportunities are given to double on alternate instruments. Students may enroll for any semester(s) they choose. **-COURSE MEETS AT 7:00 AM BEFORE SCHOOL.**

## BAND & CHOIR COMBO - Course Descriptions:

<b>CONCERT BAND &amp; CONCERT CHOIR</b>	MUS311 MUS312	1 credit	11/12
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This course is for instrumental and vocal music students during the second and third trimesters. Band and choir will alternate daily throughout the term.

## CHOIR - Course Descriptions:

<b>MIXED CHOIR</b>	MUS131 MUS132	1 credit	9/10/11/12
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Mixed Choir is an entry-level SATB (soprano/alto/tenor/bass) choral experience for 9th through 12th grade students. The choir will perform music of all major styles, work on vocal technique, sight reading, and study basic music theory. **Attendance at Cabaret, Winter, March, and Spring concerts is required.**

<b>SWING CHOIR (Zero Hour M-W-F)</b>	MUS141 MUS142	.5 credit	9/10/11/12
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Swing Choir is a group of singers focusing on singing, dancing, and contemporary a cappella repertoire. Emphasis will be on developing musicianship and ensemble singing to understand these musical styles and experience the joy of public performance. **Attendance at Cabaret, Winter, Solo & Ensemble, and Spring concerts is required. COURSE MEETS AT 7 AM (Zero Hour) BEFORE SCHOOL MONDAY, WEDNESDAY, AND FRIDAY.**

<b>VOCAL ENSEMBLE (Zero Hour T-R)</b>	MUS125 MUS126	.5 credit	9/10/11/12
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*Prerequisites: Consent of the instructor/audition.*

Vocal Ensemble is a SATB (soprano/alto/tenor/bass) choral group. This is an ensemble that studies a variety of musical styles. Students will be expected to rehearse and perform using a moderate level of musicianship and will learn the correct use of their singing voice. The Vocal Ensemble will also have opportunities to perform in the community for events throughout the year. **Attendance at Cabaret, Winter, Solo & Ensemble, and Spring concerts is required. COURSE MEETS AT 7 AM (Zero Hour) BEFORE SCHOOL TUESDAY AND THURSDAY.**

<b>TREBLE CHOIR</b>	MUS143 MUS144	1 credit	9/10/11/12
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Treble Choir is a SSA (soprano/soprano/alto) choral group. Students will prepare music of all major styles. Students will learn the correct use of their own singing voice, basic vocal skills/technique, and sight reading. **Attendance at Cabaret, Winter, March, and Spring concerts is required.**

<b>CONCERT CHOIR</b>	MUS101 MUS102	1 credit	11/12
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*9th and 10th grade students with instructor approval.*

Concert Choir is an advanced SATB (soprano/alto/tenor/bass) choral experience for 11th and 12th grade students. Students will perform the music of all major styles and continue to work on vocal technique, sight reading, and basic music theory. **Attendance at Cabaret, Winter, and Spring concerts is required.**

## PHYSICAL EDUCATION CREDIT OPTION

### Swing Choir or Marching Band

Music students can receive .50 credit toward their Physical Education ("PE") requirement for graduation upon completing TWO years of Marching Band or Swing Choir during high school. Students can only earn up to .50 credits of PE over four years (equivalent to one PE course) regardless of whether they are involved in both Marching Band and Swing Choir.

**All students must take the 9th-grade PE course during their freshman year.**

COURSE	ELIGIBILITY REQUIREMENT	PE CREDIT EARNED
Swing Choir*	4 semesters	.5
Marching Band	2 semesters	.5
Marching Band <b>AND</b> Swing Choir*	1 semester (Marching Band) <b>AND</b> 2 semesters (Swing Choir*)	.5

\* The choir teacher will determine if attendance and participation requirements have been met to be eligible for the PE credit.

All students must take PE in their freshmen year for .50 credits of PE and an additional two PE courses (.50 credit each) during their remaining three years of high school. The options for music students provide a maximum of earning .50 credit towards the PE requirement. The remaining two .5 credits would have to come from two PE courses in the gym for a total of 1.50 credits of PE.

Counselors may add .5 PE credits after completing a second year of Marching Band or Swing Choir.

# PHYSICAL EDUCATION

## Course Offerings:

Course	Credits	9th	10th	11th	12th
Lifetime Activities 1	.5	X	X	X	
Strength & Conditioning 1	.5	X	X	X	
Team & Individual 1	.5	X	X	X	
Lifetime Activities 2	.5		X	X	X
Team & Individual 2	.5		X	X	X
Strength & Conditioning 2	.5			X	X

**All high school students must earn 1.5 credits in Physical Education in order to meet the district's graduation requirements.**

## Course Descriptions:

<b>LIFETIME ACTIVITIES 1</b>	<b>PHY201</b>	<b>.5 credit</b>	<b>9/10/11</b>
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### *REPEATABLE*

Lifetime activities refer to physical activities and sports that individuals can participate in throughout their lives, regardless of age or fitness level. These activities are often low-impact, can be done alone or with others, and encourage long-term health and fitness habits. The goal is to promote a healthy, active lifestyle that extends beyond school years and into adulthood. These activities are typically chosen because they can be adapted to various fitness levels, require minimal equipment, and are less intense than contact sports like football or basketball, making them sustainable over a person's lifetime.

<b>TEAM &amp; INDIVIDUAL 1</b>	<b>PHY240</b>	<b>.5 credit</b>	<b>9/10/11</b>
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### *REPEATABLE*

This course involves a group of players working together towards a common goal, typically competing against another team. They focus on collaboration, communication, and strategy. Students learn to rely on their teammates and develop social and cooperative skills. Many of these activities can also be played individually. Examples of activities: basketball, volleyball, flag football, ultimate frisbee, soccer, tennis, golf, track and field and weight lifting.

<b>STRENGTH &amp; CONDITIONING 1</b>	<b>PHY401</b>	<b>.5 credit</b>	<b>9/10/11</b>
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### *REPEATABLE*

This course is designed to help students identify and understand the benefits of weight training and how weight training affects the body. They will also be able to design and develop a balanced weight-training program to meet their individual needs.

<b>LIFETIME ACTIVITIES 2</b>	<b>PHY301</b>	<b>.5 credit</b>	<b>10/11/12</b>
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### *REPEATABLE*

Designed for the student who is interested in community activities that may be used to stay moving for a lifetime, no matter age or ability. Field trips and visiting businesses in the Portage Community help students experience what their community has to offer in the form of exercise. Activities include swimming, bowling, curling, tennis, biking off campus, yoga, weight lifting, relaxation, walking, archery, golf, canoeing and roller skating. **Course Fee \$30.**

<b>TEAM &amp; INDIVIDUAL 2</b>	<b>PHY250</b>	<b>.5 credit</b>	<b>10/11/12</b>
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A natural progression from Team & Individual 1 to level 2 typically involves more advanced skills, deeper strategies, and a higher emphasis on game play and competition. This progression helps students improve both their technical skills and understanding of the sports they are learning, while also emphasizing the physical and mental benefits of participation in sports at both levels. Examples of activities: basketball, volleyball, flag football, ultimate frisbee, soccer, tennis, golf, track and field, and weight lifting.

<b>STRENGTH &amp; CONDITIONING 2</b>	<b>PHY701</b>	<b>.5 credit</b>	<b>11/12</b>
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This course is designed to help students identify and understand the benefits of weight training, how weight training affects the body, and learn intermediate and advanced level training routines for complete muscular development. Students will also learn to design and develop a balanced weight training program to meet their needs and expand on skills learned in Strength & Conditioning 1. This course also provides an opportunity to develop skills in specific areas of strength training, training for hypertrophy, endurance, and power.

# SCIENCE

## Course Offerings:

Course	Credits	9th	10th	11th	12th
Biology	1	X	X	X	X
Chemistry	1		X	X	X
Earth and Environmental Science	1			X	X
Physics	1			X	X
AP Biology	2			X	X
AP Chemistry	2			X	X
Astronomy	1				X
Agri-Science Courses Equivalent to Laboratory Science Credit					
Plant Science - ES	.5	X	X	X	X
Topics in Food Science - ES	.5		X	X	X
Small Animal Science - ES	.5		X	X	X
Large Animal Science - ES	.5 3 college		X	X	X
Veterinary Science - ES	.5			X	X
Tech Ed Course Equivalent to Science Credit					
Principles of Engineering	1			X	X

## Course Descriptions:

<b>BIOLOGY</b>	SCI201 SCI202	1 credit	9/10/11/12
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This course is for students with average to above average ability in Science. It is one of three credits that, along with chemistry and physics, most students take in order to fulfill their graduation requirement for Science. The first quarter covers units on the scientific method, biochemistry, cell structure, and photosynthesis/respiration. The second quarter covers genetics, cell growth, DNA, evolution, and ecology.

<b>CHEMISTRY</b>	SCI301 SCI302	1 credit	10/11/12
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*Prerequisite: Successful completion in Algebra I.*

This course is an introduction to chemistry. It is basically the study of matter and how and why substances combine. This course has a fair amount of mathematics involved and a good mathematical foundation is required. Topics include: atomic structure, chemical bonding, formulas and equations, limiting reagents, molarity, polarity, and solutions. This course will require students to do a good deal of work outside of class. **There is a \$6.50 fee for goggles.** (Fee will be waived if the student provides approved goggles.) Students facing financial hardship should contact their counselor for assistance options.

<b>EARTH AND ENVIRONMENTAL SCIENCE</b>	AGR622 AGR623	1 credit	11/12
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This class will focus on the Earth and how the many processes that have shaped it contribute to the different types of environments that we see today. This class will also focus on the human impact on the Earth and the biosphere. We will learn about the materials that are produced by the earth that are used to create and make many of the products we see in our daily lives.

<b>PHYSICS</b>	SCI401 SCI402	1 credit	11/12
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*Prerequisite: Successful completion or current enrollment of Chemistry and Algebra II.*

This course examines the natural laws that govern our universe. Through hands-on activities and problem solving, students will learn general physics concepts. A wide range of topics will be explored, including mechanics, electricity, optics, sound, and modern physics. The course serves as a good college preparatory experience for students going on to higher education.

<b>AP BIOLOGY</b>	SCI221 SCI222	2 credits	11/12
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*Prerequisite: Successful completion of Chemistry & Biology*

**THIS IS A PRIME COURSE – STUDENTS MUST COMPLETE A PRIME COURSE CONTRACT.**



The Advanced Biology (AP) course is designed to be the equivalent (both in quality and sophistication) of a 100 level Biology course taken by first year college students. The text is one commonly used by college biology majors. Major topics include biochemistry, cell biology, molecular genetics, heredity, evolution, plant science, vertebrate anatomy/physiology, and ecology. Student complete 12 lab exercises within these areas, which insures that each student is exposed to the same lab techniques expected of first year college biology students. This course will require students to do a good deal of work outside of class. This course prepares students to take the highly recommended Advanced Placement (AP) exam (cost is approximately \$99. Students facing financial hardship should contact their counselor for assistance options.).

*NOTE: To verify that any college course credit will transfer to a particular UW College System campus, go to UW Help's "College Credit Opportunities" website at <https://uwhelp.wisconsin.edu/prep-for-college/credits/>. Students are strongly encouraged to contact college or university admissions offices directly to see how college credit and/or advanced placement exam results completed in high school will be considered at the schools of their choice.*

<b>AP CHEMISTRY</b>	SCI321 SCI322	2 credit	11/12
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*Prerequisite: Successful completion of Chemistry*

**THIS IS A PRIME COURSE – STUDENTS MUST COMPLETE A PRIME COURSE CONTRACT.**



This is a second year course in chemistry and is far more lab oriented. The course content is essentially that which is found in a first year college chemistry course. Emphasis in the lectures is on problem solving, so a good background in math is required. Topics include acids and bases, equilibrium, thermochemistry, and electrochemistry. This course will require students to do a great deal of work outside of class. This course prepares students to take the highly recommended Advanced Placement (AP) exam (cost is approximately \$99. Students facing financial hardship should contact their counselor for assistance options.).

*NOTE: To verify that any college course credit will transfer to a particular UW College System campus, go to UW Help's "College Credit Opportunities" website at <https://uwhelp.wisconsin.edu/prep-for-college/credits/>. Students are strongly encouraged to contact college or university admissions offices directly to see how college credit and/or advanced placement exam results completed in high school will be considered at the schools of their choice.*

<b>ASTRONOMY</b>	SCI521 SCI522	1 credit	12
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*Prerequisite: Successful completion of Physics or teacher's recommendation*

This course will explore our place in the universe using hands-on activities and online resources. Concepts studied will include the night sky, the solar system, the sun and stars, galaxies, and cosmology. Students will use the scientific method, scientific literacy, and pop culture to explore these concepts. The course serves as a good college preparatory experience for students going on to higher education.

**The PCSD Board of Education, UW Madison, and other Wisconsin colleges consider the following courses equivalent to a Laboratory Science credit. Courses are considered science electives and are not replacements for Biology or Chemistry.**

<b>PLANT SCIENCE - ES</b>	<b>AGR101</b>	<b>.5 credit</b>	<b>9/10/11/12</b>
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Get your hands dirty exploring the horticulture industry through science. Learn plant anatomy and physiology, plant reproduction, soils, gardening, greenhouse management, floriculture and landscaping. If you are interested in careers such as: the green industry, DNR, production agriculture, NRCS, golf course management, landscaping, arborist or others - this is the class for you. This course connects many biology standards, so it is recommended to have taken biology or be taking it concurrently.

<b>TOPICS IN FOOD SCIENCE - ES</b>	<b>AGR303</b>	<b>.5 credit</b>	<b>10/11/12</b>
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This class is for anyone who eats! Understand food nutrition, biotechnology and chemistry of foods, food safety, dairy industry, meat science, beverages, consumerism, and food processing. If you're interested in a career in diets, nutrition, or product development this is definitely the class for you. Become an informed consumer and learn about the scientific world of foods.

<b>SMALL ANIMAL SCIENCE - ES</b>	<b>AGR201</b>	<b>.5 credit</b>	<b>10/11/12</b>
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Students in this course will focus on the physiology, anatomy, and production of small livestock animals and companion animals such as dogs, cats, rabbits, and poultry. Students in this course will develop a sense for domestication and animal behavior and how it is related to the many species of animals we have today. This course is also aligned with Lakeshore Technical College for Transcribed Credits.



<b>LARGE ANIMAL SCIENCE - ES</b>	<b>AGR202</b>	<b>.5 credit (3 college)</b>	<b>10/11/12</b>
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This class focuses on large domestic animals including dairy, beef, pigs, sheep, goats, and horses. In addition, topics in genetics and animal welfare issues are taught. The focus of this class is not production, but consumerism through scientific principles. This class will help the student that is interested in animal production, veterinary medicine, nutrition, animal breeding, zoology, animal care, and so much more. This class is important to anyone to show how animals are to be cared for and where our food comes from. This course is also aligned with Lakeshore Technical College for Transcribed Credits.



<b>VETERINARY SCIENCE - ES</b>	<b>AGR404</b>	<b>.5 credit</b>	<b>11/12</b>
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*Prerequisite: Minimum of a "C" in Small Animal Science and Large Animal Science*

Are you interested in learning the details of caring for animals or are hoping to pursue a career in veterinary medicine? This is a great class to get an in-depth look at animal anatomy and physiology, vaccinations, animal growth, reproduction, breeding, selection, and feeding. Students will be able to learn how to administer shots, check animal health, and get a good look into the animal industry. Students will also have the chance to learn about career opportunities with animals and hear from professionals

**This class satisfies a required science credit to graduate from Portage High School  
BUT is not considered a college laboratory science admission credit.**

<b>PRINCIPLES OF ENGINEERING</b>	<b>TEC103 TEC104</b>	<b>1 credit</b>	<b>11/12</b>
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*Prerequisites: Drafting/CAD or Introduction to Engineering Design*

This course is a team based advanced course designed to develop problem-solving skills by solving real-world problems using scientific principles. Through the use of theory and practical hands-on experiences, students address the emerging social and political consequences of technological change. One of the hands-on learning experiences in this course covers robotics and the VEX Challenge, which is a competition between robots built in class. This course is designed for students interested in the engineering field or applying math and science content to solve problems. Professional engineers as guest speakers and field trips to engineering universities will also be included in this course.

# SOCIAL STUDIES

## Course Offerings:

Course	Credits	9th	10th	11th	12th
U.S. History: Reconstruction to Present	1	X			
Global Studies & Research	1		X		
AP Human Geography	1		X	X	X
Civics	.5			X	
Diverse Perspectives of WWII	.5			X	X
Pop Culture	.5			X	X
Psychology	.5			X	X
Sociology	.5			X	X
Sports & Society	.5			X	X
Women in U.S. History	.5			X	X
AP U.S. History	1			X	X

## Course Descriptions:

### U.S. HISTORY – RECONSTRUCTION TO THE PRESENT

SOC101  
SOC102

1 credit

9

This required course for freshmen is designed to identify and evaluate United States historical events from the years following the Civil War to the present. Students will explore historical events including Reconstruction, Westward Expansion, Industrialization, Immigration, World War I, the Depression, World War II, the Korean War, Civil Rights, the Vietnam War, the Cold War, and current foreign policy issues. Students will explore domestic, foreign and economic issues that have occurred in the U.S. from 1865 to the present.

### GLOBAL STUDIES & RESEARCH

SOC201  
SOC202

1 credit

10

In order to help students make connections between social studies content and their lives, this course will utilize a variety of methods such as virtual libraries, hands-on activities, class discussions, and research projects. Several important issues will be explored during the course, including development of civilization, technology throughout history, and the study of world cultures. Students will research and analyze historic philosophies, political systems and religions. This course will help make students aware of issues and events that have an impact on people at local, state, national, and global levels.

### AP HUMAN GEOGRAPHY

SOC240  
SOC241

1 credit

10/11/12

AP Human Geography is an introductory college-level geography course. It takes a thematic approach to exploring world regions. It focuses on population and migration, agriculture, natural resource allocation and management, industry and economic development, political geography, cultural geography, and urbanization. At the end of the course, students may earn college credit through the AP Exam. This course prepares students to take the highly recommended Advanced Placement (AP) exam (cost is approximately \$99. Students facing financial hardship should contact their counselor for assistance options.). This course is a PRIME course.



<b>CIVICS</b>	<b>SOC501</b>	<b>.5 credit</b>	<b>11</b>
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**STATE OF WISCONSIN REQUIRES ALL STUDENTS TO PASS A CITIZENSHIP TEST AS A GRADUATION REQUIREMENT.  
IT WILL BE LISTED ON THE STUDENT'S HIGH SCHOOL TRANSCRIPT.**

The major purpose of this course is to provide students with a basic understanding of democratic rights and responsibilities, effective democratic citizenship, and the structure and operation of the American government. Knowledge of and interest in current events is a major part of the Civics course as every democratic society depends on informed citizens.

<b>DIVERSE PERSPECTIVES OF WWII</b>	<b>SOC250</b>	<b>.5 credit</b>	<b>11/12</b>
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This course will examine WWII through diverse cultural, social, political, and geographical perspectives. Students will investigate the experiences of African Americans, Native American, Japanese Americans, and the Jewish community. Through primary sources, literature, film, and historical analysis, the course will highlight how different backgrounds shaped individual and collective experiences during WWII.

<b>PSYCHOLOGY</b>	<b>SOC301</b>	<b>.5 credit</b>	<b>11/12</b>
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This course is designed to give students a general overview into psychology. Some of the topics studied include: personality analysis, theories of personality, psychological disorders and dependency, goals of psychology, contemporary approaches of psychology, positive psychology, and brain research. At the end of the semester, students completed an electronic portfolio research project on a topic of interest. The goal of this class is to provide information that might encourage students to further their study of Psychology in the future.

<b>SOCIOLOGY</b>	<b>SOC401</b>	<b>.5 credit</b>	<b>11/12</b>
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Sociology is an introduction to the basic concepts, theories, and methods of sociology, emphasizing the significance of the self and culture, social process and organization, and forces of social stability and change. Students will be introduced to research methods used by sociologists. Topics covered in this course include: traditions of sociological thought, logic of sociological inquiry, socialization, deviance and social control, economic stratification, racial and ethnic stratification, gender stratification, marriage and family institution, religion, formal organizations and social change and social movement.

<b>SPORTS &amp; SOCIETY</b>	<b>SOC303</b>	<b>.5 credit</b>	<b>11/12</b>
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Course will provide students with knowledge about psychological factors that affect performance in sports and other competitive situations. These topics include: motivation, concentration, focus, confidence, burnout, anxiety, and dealing with pressure. Students will be introduced to mental skills and strategies that will enhance performance, make athletic participation more enjoyable, and learn skills that can be transferred to other aspects of their lives. This course is recommended for student-athletes, those interested in sports, and anyone who is interested in learning about and improving their mental approach when it comes to competition.

<b>WOMEN IN U.S. HISTORY</b>	<b>SOC701</b>	<b>.5 credit</b>	<b>11/12</b>
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This course examines women in United States history from the colonial period (1607) to the present. We will work to understand the experiences, conditions, and perspectives of women in the past and the present. We will explore how female roles and ideas about female roles have changed over time. We will examine how ideas about gender and events such as war and industrialization have shaped the lives of women, gain an understanding of how women in the past have demanded and influenced change, and reflect upon how knowledge of women's history enhances our understanding of U.S. history.

<b>AP U.S. HISTORY</b>	<b>SOC111 SOC112</b>	<b>1 credit</b>	<b>11/12</b>
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AP U.S. History is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. This course prepares students to take the highly recommended Advanced Placement (AP) exam (cost is approximately \$99. Students facing financial hardship should contact their counselor for assistance options.) AP History will count towards the Civics graduation requirement as the Civics Exam will be given in this class. Students may earn college credit through the AP Exam at the end of the course. This course is a PRIME course.

# TECHNOLOGY & ENGINEERING

## Course Options:

Course	Credits	9th	10th	11th	12th
Independent Study	Up to 1 per year			X	X
Youth Apprenticeship	Up to 2 per year			X	X
<b>CONSTRUCTION</b>					
Intro to Wood Technology	.5	X	X	X	X
Home Servicing	.5	X	X	X	X
Cabinet Making / Woodworking	1		X	X	X
Residential Construction	.5		X	X	X
Building Trades	3			X	X
<b>ENGINEERING &amp; DESIGN</b>					
Intro to Engineering Design	.5	X	X	X	X
Drafting & Computer-Aided Design 1	1	X	X	X	X
Drafting & Computer-Aided Design 2 	1 2 college		X	X	X
Advanced Technical Design	.5		X	X	X
Principles of Engineering	1		X	X	X
<b>MANUFACTURING &amp; ENGINEERING</b>					
Materials & Processes	1	X	X	X	X
Welding Fabrication - Shielded Metal Arc Welding 	1 3 college		X	X	X
Manufacturing Tech - Gas Metal Arc Welding 	1 3 college		X	X	X
Advanced Topics in Manufacturing	1			X	X
<b>TRANSPORTATION</b>					
Power & Energy Technology	1	X	X	X	X
Consumer Auto Maintenance	.5		X	X	X
Automotive Technology I 	1 2 college		X	X	X
Automotive Technology II 	2 3 college			X	X
<b>Equivalent to Science Credit</b>					
Principles of Engineering	1			X	X

## Course Descriptions:

<b>INDEPENDENT STUDY</b>	<b>MISC131 MISC132</b>	<b>Up to 1 credit each year</b>	<b>11/12</b>
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If a student has completed all available classes within the Technology & Engineering Department Program of Study and wishes to continue learning in a certain topic, he/she may qualify to earn credits through an independent study with a technical education teacher. Please refer to the "General Information" section in the front of this book for specific requirements to participate in this option.

<b>YOUTH APPRENTICESHIP</b>	<b>MISC121</b>	<b>Up to 1.5 credits each year</b>	<b>11/12</b>
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The Youth Apprenticeship Program is a unique opportunity for students to start preparing for a career while still in high school. This one- or two-year program provides the opportunity for earning an hourly wage while learning from skilled professionals. Excused time from school is optional. Students completing the program will receive a certificate of occupational proficiency from the Wisconsin Department of Workforce Development. Participation in the Youth Apprenticeship Program requires the student to meet entry criteria. Students must have a high interest in the Technology and Engineering field (automotive technician, manufacturing, drafting and welding), be on track to graduate, have adequate transportation, obtain parental permission, have a good attendance record, and be willing to submit to an application and interview process. Applicants are approved for the program on a case-by-case basis.



## Construction Pathway:



Architecture, Construction, and Engineering Academy is available to students. The ACE Academy involves a sequence of coursework that introduces students to careers in the architecture, construction, and engineering industries. Students who earn certification of completion will be prepared to enter the ACE trades and apprenticeships or to pursue further education at the technical college or university level.

<b>SUGGESTED COURSES to complete requirements</b>	
<b>Related Courses</b>	<b>Construction</b>
<ul style="list-style-type: none"> <li>• Writing for STEM (.5)*</li> <li>• ELA Electives (1.5)*</li> <li>• Algebra 1 (1) *</li> <li>• Geometry (1) *</li> <li>• Employability Skills (.5) *</li> </ul>	<ul style="list-style-type: none"> <li>• Intro to Wood Technology (.5)</li> <li>• Cabinetmaking / Woodworking (1)</li> <li>• Home Servicing (.5)</li> <li>• Residential Construction (.5)</li> <li>• Building Trades (3) **</li> </ul>
*required for eligibility    ** Junior/Senior Level	
<b>**Example**</b> Well Rounded pathway	(Related Courses) + Intro to Engineering, Intro to Wood Technology, Drafting & CAD 1, Home Servicing, Plus one upper-level course (Principles of Engineering, Residential Construction, Building Trades, Cabinetmaking, Drafting & CAD 2 ) (7 credit min)
<b>**Example**</b> Construction Focused Pathway	(Related Courses) + Intro to Wood Technology, Home Servicing, Residential Construction, Building Trades (7 credit min)

Youth Apprenticeship  
with 1 credit of related instruction

# Construction - Course Descriptions:

<b>INTRODUCTION TO WOOD TECHNOLOGY</b>	<b>TEC321</b>	<b>.5 credit</b>	<b>9/10/11/12</b>
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This would be an activity-based course where students would learn about wood, wood processes, and the wood manufacturing that takes place here in Wisconsin and the United States. Students would be required to complete several projects using the processing equipment in the wood technology lab. Equipment covered in this course will include the wood lathe, band saw, table saw, jointer, surfacer, drill press, router, various hand tools, and related computer work. We will also be using Computer Aided Manufacturing (CAM) software to make use of Computer Numerical Control (CNC) equipment in the woods lab.

**Students will be expected to pay for materials involved in personal projects (\$10 lab fee).**

<b>CABINETMAKING / WOODWORKING</b>	<b>TEC311 TEC312</b>	<b>1 credit</b>	<b>10/11/12</b>
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*Prerequisite: Intro to Wood Technology*

Cabinetmaking is a beginning woodworking course designed to give each student an opportunity to develop skills using tools and machines located in most cabinetry and home shops. Concepts covered in the course include safety, design, planning and estimating, wood types, wood materials, machine operation, joinery, and finishing techniques. Each student will be required to complete several instructor-selected activities to gain required skills. Students who complete required learning activities may design and build a project of his / her own choice. We will also be using Computer Aided Manufacturing (CAM) software to make use of Computer Numerical Control (CNC) equipment in the woods lab. Students will also have access to use a laser cutter / engraver for more personalization of their woodworking projects

**Students will be expected to pay for materials involved in personal projects (first 2 projects = \$20-40).** Students facing financial hardship should contact their counselor for assistance options.

<b>HOME SERVICING</b>	<b>TEC221</b>	<b>.5 credit</b>	<b>9/10/11/12</b>
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Home Servicing is a course designed to help the potential homeowner or renter with his/her common home problems. This course includes basic repairs, remodeling and home maintenance through the use of hands-on experiences. Each activity can be individually designed to fit the needs and desires of every student. This is an experience in real life homeowner problems that all people will face in future years. Activities include roofing, finishing and refinishing, electricity, plumbing, framing, trim and much more.

<b>RESIDENTIAL CONSTRUCTION</b>	<b>TEC341</b>	<b>.5 credit</b>	<b>10/11/12</b>
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*Prerequisite: Intro to Wood Technology, Home Servicing OR Instructor Approval*

Residential Construction allows each student to experience how small construction activities combine to complete a structure. Students may build a small structure to learn framing. Electrical, mechanical, plumbing, finish carpentry and other aspects related to the construction industry will be covered. Skills and accuracy will be stressed and challenged. This class will allow students to see how all areas of construction must work together to succeed in the building of a project.

<b>BUILDING TRADES</b>	<b>TEC301 TEC302 TEC303</b>	<b>3 credits</b>	<b>11/12</b>
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*Prerequisite: Home Servicing OR Residential Construction AND application.*

**Students must apply to take this course using the Portage High School Building Trades Application.**

Students will build a residential building to learn framing, electrical, mechanical, plumbing, finish carpentry, and all aspects that relate to residential construction. Each student will be working on carpentry for new construction. Skills and accuracy required.

# Engineering & Design Pathway:



Architecture, Construction, and Engineering Academy is available to students. The ACE Academy involves a sequence of coursework that introduces students to careers in the architecture, construction, and engineering industries. Students who earn certification of completion will be prepared to enter the ACE trades and apprenticeships or to pursue further education at the technical college or university level.

SUGGESTED COURSES to complete requirements	
Related Courses	Engineering & Design
<ul style="list-style-type: none"> <li>• Writing for STEM (.5)*</li> <li>• ELA Electives (1.5)*</li> <li>• Algebra 1 (1) *</li> <li>• Geometry (1) *</li> <li>• Employability Skills (.5) *</li> </ul>	<ul style="list-style-type: none"> <li>• Intro to Engineering Design (.5)</li> <li>• Principles of Engineering (1)</li> <li>• Drafting &amp; CAD 1 (1)</li> <li>• Drafting &amp; CAD 2 (1)</li> <li>• Advanced Technical Design (.5)</li> </ul>
*required for eligibility    ** Junior/Senior Level	
<b>**Example**</b> Well Rounded pathway	(Related Courses) + Intro to Engineering, Intro to Wood Technology, Drafting & CAD 1, Home Servicing, Plus one upper-level course (Principles of Engineering, Residential Construction, Building Trades, Cabinetmaking, Drafting & CAD 2 ) (7 credit min)
<b>**Example**</b> Engineering Focused Pathway	(Related Courses) + Intro to Engineering, Principles of Engineering, Drafting & CAD 1, Drafting & CAD 2 (7 credit min)

Youth Apprenticeship  
with 1 credit of related instruction

# Engineering & Design - Course Descriptions:

<b>INTRODUCTION TO ENGINEERING DESIGN</b>	TEC105	.5 credit	9/10/11/12
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This course is a basic introduction to engineering for all students. Students who complete this course will learn the concepts necessary in order to develop their ideas into solutions that will improve our lives. Exciting hands-on learning activities like data comparison of heart rates, rating consumer products, destructive testing, and 3D solid modeling. They will apply math, science, history, and English content from other courses in a STEM-based experience. Students will have access to advanced manufacturing techniques like laser cutting and engraving. This is a great course for students to develop their creative ideas and make them into reality!

<b>DRAFTING &amp; COMPUTER-AIDED DESIGN 1</b>	TEC101 TEC102	1 credit	9/10/11/12
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This course covers the basic CAD principles and practices that are used in industry today. The goal is to develop critical thinking skills via technical prints and drawing. The main tool that is used for this course is SolidWorks, which students will work towards becoming an industry recognized “**Certified SolidWorks Mechanical Design Associate**”. Students will create three-dimensional parts, assemblies, and drawings that will be 3D printed to make them into reality. Students will also create a brief floor plan using SoftPlan, which will allow the students to do a three-dimensional work through of the house they create.

<b>DRAFTING &amp; COMPUTER-AIDED DESIGN 2</b>	TEC206 TEC207	1 credit (2 college)	10/11/12
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*Prerequisites: CAD 1*

If you enjoyed Drafting and CAD this course for you! The course study is intended to build on knowledge learned in CAD 1 and expand it even further. Students will work towards becoming an industry recognized “**Certified SolidWorks Mechanical Design Professional**”, the step above the Associate level certification earned in CAD 1. Students will create advanced three-dimensional parts, complex assemblies, and design their own parts to be 3D printed or laser cut. We will also be using Computer Aided Manufacturing (CAM) software to make use of Computer Numerical Control (CNC) equipment in the Woods Lab as well as a laser cutter / engraver. The use of architectural planning software will also be utilized and designs for the next building trades house will be made in the class. Turn a house plan into reality in the course! This is also a MATC dual credit class.



<b>ADVANCED TECHNICAL DESIGN</b>	TEC204	.5 credit	10/11/12
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*Prerequisite: CAD 1 & CAD 2 or teacher recommendation.*

If you enjoyed SolidWorks or Softplan in CAD 1 or CAD 2 this course is for you! Students will take skills learned from CAD 1 to take a brief dive into more advanced topics in design, CAM, CNC and laser cutting

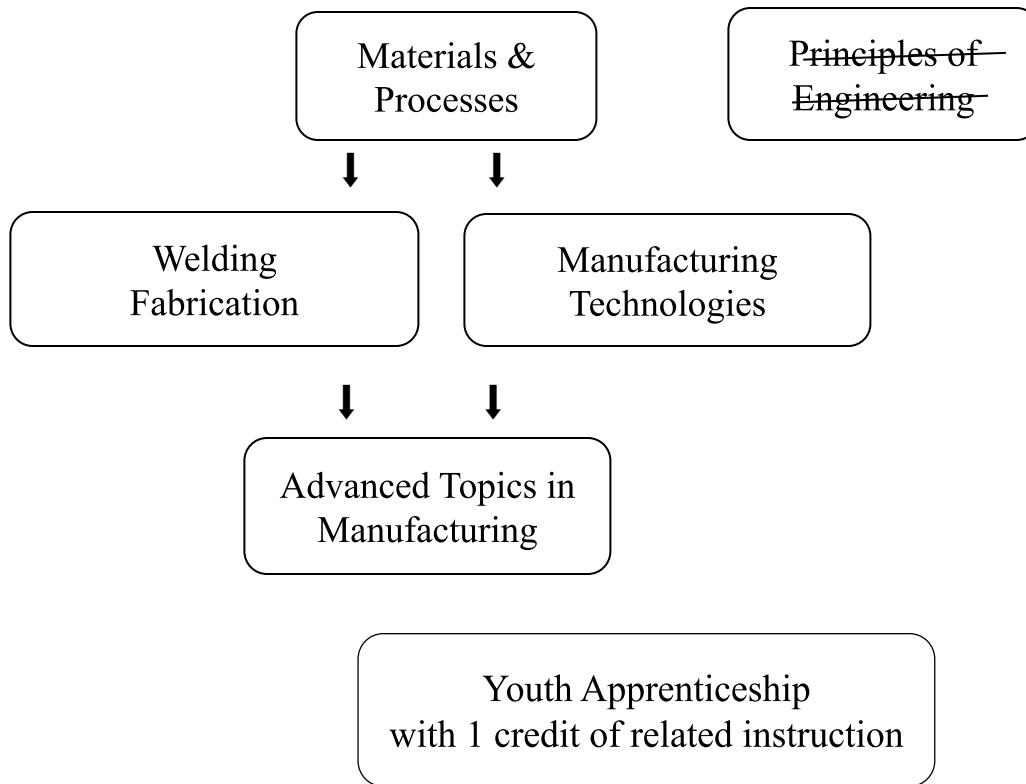
<b>PRINCIPLES OF ENGINEERING</b>	TEC103 TEC104	1 credit	10/11/12
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**This class satisfies a required Science credit to graduate from Portage High School but is NOT considered a college laboratory science admission credit.**

*Prerequisites: Introduction to Engineering Design (Drafting and CAD 1 recommended but not required).*

This course is a team based advanced course designed to develop problem-solving skills by solving real-world problems using scientific principles. Through the use of theory and practical hands-on experiences, students address the emerging social and political consequences of technological change. Students will use advanced manufacturing technologies like 3D printing, laser cutting and CNC routing to solve complex engineering problems like building a chair out of just cardboard, designing and making an electric motor, and a complex rube goldberg machine. Students will also take a deeper dive into electronics learning basic electrical concepts to programming robots. This course is designed for students interested in the engineering field or applying math and science content to solve problems.

# Manufacturing Pathway:



## Manufacturing & Engineering - Course Descriptions:

<b>MATERIALS &amp; PROCESSES</b>	TEC501 TEC502	1 credit	9/10/11/12
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This is an activity-based course where students learn about metal, processes and manufacturing. Students will complete projects in welding, machine tool, sheet metal and computer-controlled equipment. In this course students will use lathes, milling machines, various welders, precision measuring instruments, CNC mills, sheet metal equipment and various hand tools.

<b>MANUFACTURING TECHNOLOGY - GAS METAL ARC WELDING</b>	TEC701 TEC702	1 credit (3 college)	10/11/12
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*Prerequisites: Materials & Processes or Principles of Engineering*

If you enjoyed machine tool and MIG welding in Materials and Processes, this is the class for you. Students will use manual mills, lathes, drill presses and surface grinders to produce various projects. Students will also be completing projects using 2-axis CNC, 3-axis CNC, and CAD/CAM software. Students will also MIG, TIG, and Stick weld in this course with an emphasis on MIG welding. As an additional benefit (with staff approval by MATC), students will receive credit (with a C or higher grade) at Madison College in the Machine Tool 1A program **AND** in the Welding Technician Program - Basic Gas Metal Arc Welding.



<b>WELDING FABRICATION - SHIELDED METAL ARC WELDING</b>	<b>TEC601 TEC602</b>	<b>1 credit (3 college)</b>	<b>10/11/12</b>
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*Prerequisites: Materials & Processes*

Welding Fabrication/SMAW students will learn five major welding processes and related fabrication processes. Students will be required to meet welding competencies in stick, wire and TIG welding processes as well as plasma cutting processes. Projects will include the welding of mild steel, stainless steel and aluminum. In addition, students will learn the safe use of oxy-fuel cutting, metal shears and power hand tools. Students will also be required to complete projects using manual mills, lathes, drill presses and CNC plasma cutting. If time permits, individual projects will be allowed. As an additional benefit (with staff approval by MATC), students will receive credit (with a C or higher grade) at Madison College in the Welding Technician Program for Basic Arc (SMAW).

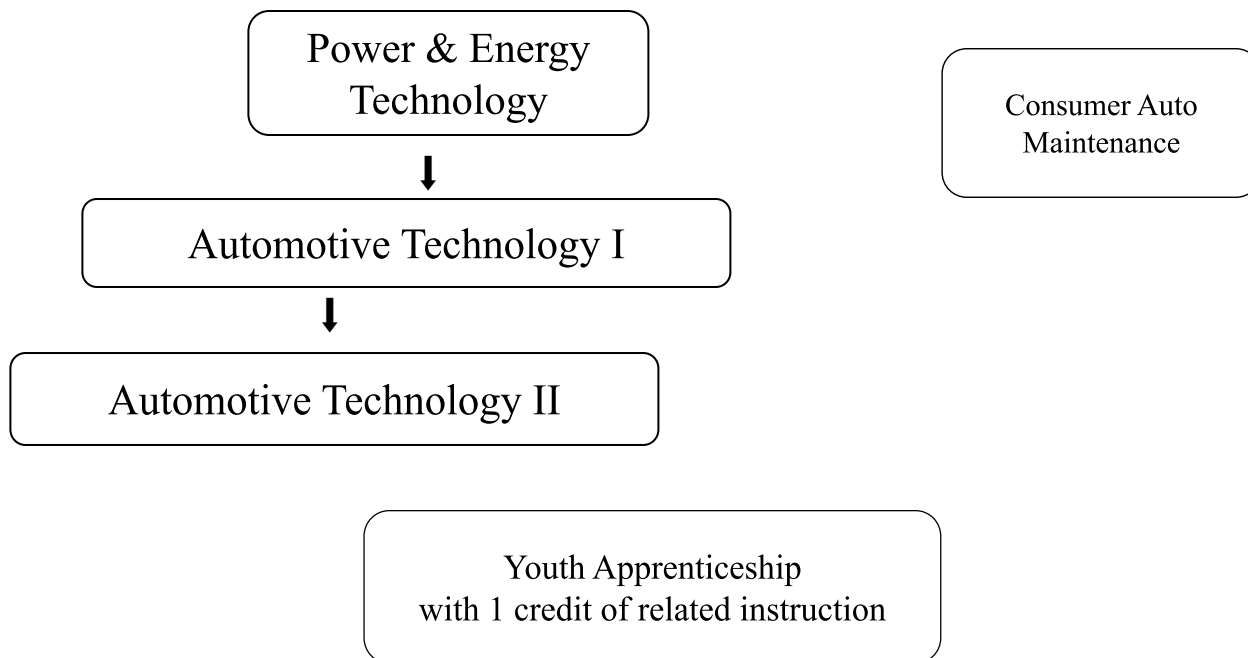


<b>ADVANCED TOPICS IN MANUFACTURING</b>	<b>TEC703 TEC704</b>	<b>1 credit</b>	<b>11/12</b>
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*Prerequisites: Instructor Approval*

This course is for students who would like to extend their knowledge in Welding, Machining, CNC, and industrial automation. This is a self-paced lab-based class where students will work in the lab every day. Students will be able to develop their own curriculum by selecting the projects and labs they want to study more in-depth and strengthen those skill sets. It is a unique opportunity for students to determine the areas they are most interested in pursuing in greater depth than can be done in the existing classroom offerings.

## Transportation Pathway:



# Transportation - Course Descriptions:

<b>POWER &amp; ENERGY TECHNOLOGY</b>	TEC401 TEC402	1 credit	9/10/11/12
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*Note: Priority given to 9/10/11 grade students (if class does not fill, 12<sup>th</sup> grade students may take class).*

Power & Energy Technology is a laboratory-based course. During the first semester, the students will learn basic power and energy principles, disassemble/assemble a school-owned small gasoline engine and be introduced to some basic electricity. During the second semester, the student will learn the theory, operation, and proper maintenance procedures of a small gasoline engine by performing maintenance on various outdoor power equipment products of their choice, along with using hydraulic and pneumatic trainers to study theories of operation. **Students will be encouraged to prepare for the ASE (Automotive Service Excellence) examination.**

<b>CONSUMER AUTO MAINTENANCE</b>	TEC412	.5 credit	10/11/12
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**STUDENTS WHO PLAN TO TAKE AUTO TECHNOLOGY I SHOULD NOT TAKE THIS COURSE.**

Consumer Auto Maintenance is a laboratory-based course designed for students without any mechanical experience or who have never taken an automotive class before. Not only does the course help you become a better consumer, but you will also learn how to perform various maintenance tasks on your own vehicle that will save you money in the future. This course will also help you understand buying and selling an automobile, insurance, and car dealerships.

<b>AUTOMOTIVE TECHNOLOGY I</b>	TEC431 TEC432	1 credit	10/11/12
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*Prerequisite: Successful completion of Power & Energy Technology.*

**STUDENTS WHO PLAN TO TAKE CONSUMER AUTO MAINTENANCE SHOULD NOT TAKE THIS COURSE.**

Auto Technology I is a laboratory based course designed to introduce you to automotive maintenance, repair, and diagnosing. The first semester will include automotive history, automotive maintenance, repair, and online service manuals. During the second semester, the student will learn diagnostic skills that include scan tool operation, engine theory and operation, transmission service, and wheel alignment. **Students will be encouraged to prepare for the ASE (Automotive Service Excellence) examination.** As an additional benefit, students will receive 2 college credits (with a C or higher grade) at Madison College in the Automotive Technician Program for Automotive Fundamentals.



<b>AUTOMOTIVE TECHNOLOGY II</b>	TEC433 TEC434	2 credits	11/12
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*Prerequisite: Auto Technology I or teacher recommendation.*







**THIS COURSE MEETS FOR 2 PERIODS PER DAY.**

During the first semester of this laboratory-based course, the student will learn to diagnose and repair systems such as fuel, ignition, cooling, charging, starting, and other various electrical systems of the vehicle. During the second semester, the student will learn about automobile support systems such as engines, transmission, brakes, steering, suspension, heating, and air conditioning. Students will also have the opportunity to rebuild an engine and/or transmission. Students will be encouraged to prepare for the ASE (Automotive Service Excellence) examination, and also strongly encouraged to take part in Youth Apprenticeship. As an additional benefit, students will receive 3 college credits (with a C or higher grade) at Madison College in the Automotive Technician Program for Automotive Service.



# WORLD LANGUAGE

## Course Offerings:

Course	Credits	9th	10th	11th	12th
German I	1	X	X	X	X
German II	1	X	X	X	X
German III 	1		X	X	X
German IV 	1			X	X
German V 	1			X	X
Spanish I	1	X	X	X	X
Spanish II	1	X	X	X	X
Spanish III 	1		X	X	X
Spanish IV 	1			X	X
Spanish V 	1			X	X

Two (2) credits of the same foreign language are required at **some** universities. Please check with your counselor before registering.

All German and Spanish courses are accepted as meeting college entrance requirements.

## German - Course Descriptions:

<b>GERMAN I</b>	FOR111 FOR112	1 credit	9/10/11/12
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In German I, students will begin the development of the four basic language skills - listening, speaking, reading and writing. They will be able to communicate personal information about themselves and a variety of topics including their interests, free time activities, family, school, clothing, food, shopping and making plans as well as gain knowledge and understanding of German culture. Students are expected to spend time every night preparing assignments, reviewing material, and studying vocabulary lists regardless of homework. **Earbuds are required.**

<b>GERMAN II</b>	FOR121 FOR122	1 credit	9/10/11/12
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*Prerequisite: German I*

German II continues the development of the four language skills begun in German I. Students will be able to communicate in more detail about themselves and their world and to interact with others, exchanging information, expressing likes and dislikes, and talking about past events. Students are expected to spend time every night preparing assignments, reviewing material, and studying vocabulary lists regardless of homework. **Earbuds are required.**

<b>GERMAN III</b>	FOR131 FOR132	1 credit	10/11/12
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*Prerequisite: German II*

**THIS IS A PRIME COURSE – STUDENTS MUST COMPLETE A “PRIME COURSE CONTRACT”.**

Students who have completed German II will find the next level more challenging. Advanced grammar is learned and practiced as students engage in conversation, interpret written and oral language, and present information. This is definitely a course for students who enjoy learning a language. Students are expected to spend time every night preparing assignments, reviewing material, and studying vocabulary lists regardless of homework. **Earbuds are required.**



<b>GERMAN IV</b>	<b>FOR141 FOR142</b>	<b>1 credit</b>	<b>11/12</b>
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*Prerequisite: German III*

**THIS IS A PRIME COURSE – STUDENTS MUST COMPLETE A “PRIME COURSE CONTRACT”.**

German IV is intended for college-bound students who enjoy mastering a second language. Students will continue to develop all levels of communication skills, learn advanced grammar forms and functions, and discuss literary, historical, and cultural topics in greater depth and detail. Students are expected to spend time every night preparing assignments, reviewing material, and studying vocabulary lists regardless of homework. **Earbuds are required.**



<b>GERMAN V</b>	<b>FOR151 FOR152</b>	<b>1 credit</b>	<b>11/12</b>
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*Prerequisite: German IV*

**THIS IS A PRIME COURSE – STUDENTS MUST COMPLETE A “PRIME COURSE CONTRACT”.**

German V is a challenging course designed for students who want to further develop their mastery of a second language and who plan to pursue it in a post-high setting. This course includes a grammatical review and an overview of German literature, providing the basis for advanced conversation and composition. Students will participate in more advanced conversation, discussion, and read literature. **Earbuds are required.**



## Spanish - Course Descriptions:

<b>SPANISH I</b>	<b>FOR211 FOR212</b>	<b>1 credit</b>	<b>9/10/11/12</b>
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In Spanish I, students will begin the development of the four basic language skills - listening, speaking, reading and writing. This course includes Spanish grammar, sentence structure, idioms, conversation, and the culture of Spanish speaking countries. Students are expected to spend time every night preparing assignments, reviewing material, and studying vocabulary lists regardless of homework. Students are graded on daily assignments and participation, projects, quizzes and tests. **Earbuds are required.**

<b>SPANISH II</b>	<b>FOR221 FOR222</b>	<b>1 credit</b>	<b>9/10/11/12</b>
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*Prerequisite: Spanish I*

In Spanish II, students will continue the development of the four basic language skills - listening, speaking, reading and writing. This course includes Spanish grammar, sentence structure, idioms, conversation, and the culture of Spanish speaking countries. The class reviews material from Spanish I and includes past tense, irregular verb forms and more advanced sentence structures. Students are expected to spend time every night preparing assignments, reviewing material, and studying vocabulary regardless of homework. Standards based grading is used to measure student growth in reading, writing, listening, and speaking skills. **Earbuds are required.**

<b>SPANISH III</b>	<b>FOR231 FOR232</b>	<b>1 credit</b>	<b>10/11/12</b>
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*Prerequisite: Spanish II*

**THIS IS A PRIME COURSE – STUDENTS MUST COMPLETE A “PRIME COURSE CONTRACT”.**

Spanish III continues to build upon the four basic language skills - listening, speaking, reading and writing. This course includes advanced grammar and conversation including advanced tenses. The course includes literature in Spanish. Students will be expected to communicate mostly in Spanish throughout the class period. Students are expected to spend time every night preparing assignments, reviewing material, and studying vocabulary regardless of homework. Standards based grading is used to measure student growth in reading, writing, listening, and speaking skills. **Earbuds are required.**



<b>SPANISH IV</b>	FOR241 FOR242	1 credit	11/12
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*Prerequisite: Spanish III*

**THIS IS A PRIME COURSE – STUDENTS MUST COMPLETE A “PRIME COURSE CONTRACT”.**

Spanish IV covers advanced grammar and emphasizes more sophisticated conversation in Spanish. Students prepare essays, participate in discussions in Spanish and read a novel. **Earbuds are required.**



<b>SPANISH V</b>	FOR251 FOR252	1 credit	11/12
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*Prerequisite: Spanish IV*

**THIS IS A PRIME COURSE – STUDENTS MUST COMPLETE A “PRIME COURSE CONTRACT”.**

Spanish V is designed for students who enjoy mastering a second language and plan to pursue it in a post-secondary setting. Students will participate in more advanced conversation, discussion, and read novels. **Earbuds are required.**

