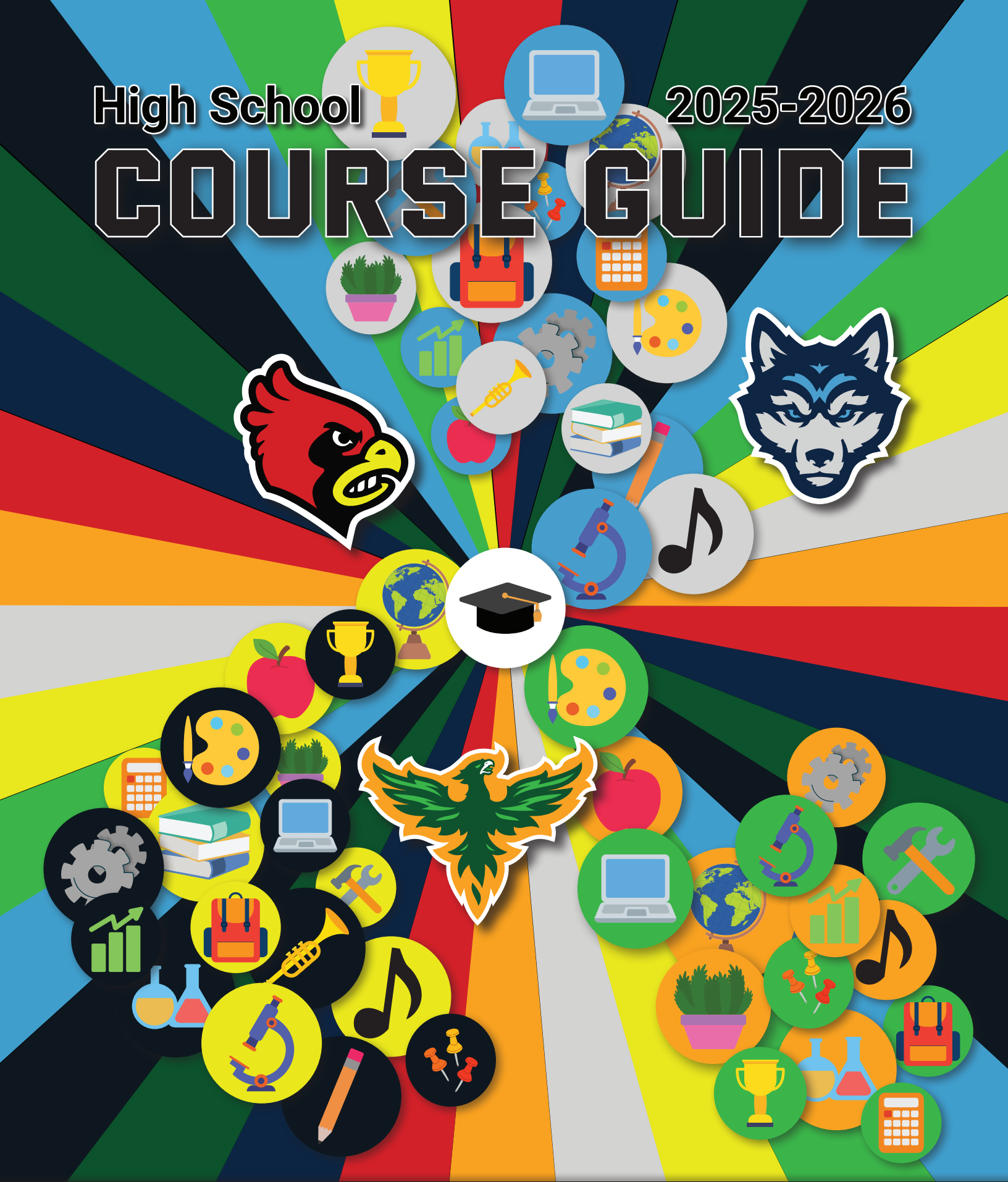
High School 2025-2026 COURSE GUIDE



Sun Prairie Area School District
Futures depend on us...every child, every day.

SUN PRAIRIE EAST HIGH SCHOOL
888 Grove Street
Sun Prairie, WI 53590

SUN PRAIRIE WEST HIGH SCHOOL
2850 Ironwood Drive
Sun Prairie, WI 53590

PRAIRIE PHOENIX ACADEMY
220 Kroncke Drive #13
Sun Prairie, WI 53590

Sun Prairie Area School District Non-Discrimination Statement

No student may be unlawfully discriminated against in any school programs, activities or in facilities usage because of the student's sex (gender identity, gender expressions, and non-conformity to gender role stereotypes), color, religion, profession, or demonstration of belief or non-belief, race, national origin (including limited English proficiency), ancestry, creed, pregnancy, marital or parental status, homelessness status, sexual orientation, age, or physical, mental, emotional or learning disability. Harassment is a form of discrimination and shall not be tolerated in the District. It is the responsibility of administrators, staff members and all students to ensure that student discrimination or harassment does not occur.
(SPASD District Policy JB)

If a student or parent/guardian would prefer to have this information translated into Spanish, please contact us at 608-834-6620.
Si un estudiante, padre o guardián prefiere tener esta información traducida en Español, por favor contactenos en el 608-834-6620.

If a student or parent/guardian would prefer to have this information translated into Hmong, please contact us at 608-834-6630.
Yog tus me nyuam lub xiv los yog niam thiab txiv/tus neeg muaj cai saib xyuas tus me nyuam xav tau qhov ntawv ntawm no ua lus Hmoob, thov hais rau peb paub rau ntawm 608-834-6630.

Career and Technical Education Non-Discrimination Statement

No student may be unlawfully discriminated against participating in all vocational (Career and Technical Education) opportunities offered by the Sun Prairie Area School District with regard to student's sex (gender identity, gender expressions, and non-conformity to gender role stereotypes), color, religion, profession, or demonstration of belief or non-belief, race, national origin (including limited English proficiency), ancestry, creed, pregnancy, marital or parental status, homelessness status, sexual orientation, age, or physical, mental, emotional or learning disability or any other legally-protected status or classification. Harassment is a form of discrimination and shall not be tolerated in the District. Administrators, staff members, and all students are committed to providing an environment where student discrimination or harassment does not occur in relation to participating in vocational opportunities.

If a student or parent/guardian would prefer to have this information translated into Spanish, please contact us at 608-834-6620.
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Course Catalog

Graduation Requirements (Please see Board Policy IKF and Procedure IFK-R for complete information)

25 credits

4 credits — English

• 9th Grade English	1 credit
• 10th Grade English	1 credit
• 11th Grade English	1 credit
• English Elective in 12th Grade*	1 credit

*English elective credit can be received in any designated course offered through the English Department in the Course Guide

3 credits — Social Studies

• World Studies	1 credit
• United States History	1 credit
• Economics	.5 credit
• Civics*	.5 credit

*In addition to receiving .5 credit in a civics course, students must successfully pass the Wisconsin State Civics exam with a score of 65 or higher. See Below for additional information.

3 credits — Science

• Life Science	1 credit
• Physical Science	1 credit
• Ecology	.5 credit
• Science Elective*	.5 credit

*Science elective credit can be received in any designated course offered through the Science Department in the Course Guide

3 credits — Math

• Algebraic Concepts	1 credit
• Geometric Concepts	1 credit
• Math Elective*	1 credit

* Math elective credit can be received in any designated course offered through the Math Department in the Course Guide

^Students who took 8th grade Algebra as the standard curriculum (2018-2024) were not awarded high school credit

1.5 credits — Physical Education

• Foundations of PE*	.5 credit
• Physical Education Electives	1 credit

*Effective for students beginning with the graduating class of 2026

.5 credits — Health

- Health Education — .5 credit

10 credits — Electives

- Elective Credit — 10 credits total

Wisconsin State Civics Test (State Requirement)

- Per the state of Wisconsin, all students must take a state civics test (modeled after the Naturalization Test used by the US Citizenship and Immigration Services). In order to graduate:
  - Students must have at least 65 of the 100 questions correct. Students with IEPs must take the test, but do not have to pass it in order to graduate.
  - Students identified as Limited English Proficiency (LEP) may take the test in their language of choice.
  - The district will determine the date of the test.

Course Choices for Fulfilling Graduation Requirements

9th Grade English	English 9
10th Grade English	English 10, Bundled US History & English 10, AP Seminar
11th Grade English	English 11, AP Environmental Science and Sustainability Career Academy English 11, Business Academy English 11, AP English Language & Composition
English Elective	Any of the other English course options listed in the course guide
World Studies	World History, Honors World History, AP World History, AP Human Geography
United States History	US History 1865-Present, AP US History, Bundled US History (with English 10)
Economics	Economics, AP Macroeconomics, AP Microeconomics
Civics	Foundations of American Democracy or AP U.S. Government & Politics
Life Science	Biology, Introduction to Ecology, Genetics/Biotech, Human Anatomy and Physiology: Bones, Skins, Muscles and More, Human Anatomy and Physiology: Breathing, Eating, Responding, and More, Fundamentals of Forensic Science, AP Biology, or AP Environmental Science
Physical Science	Chemistry, Physics, Aviation & Space, AP Chemistry, AP Physics C: Mechanics, AP Physics 1, AP Physics 2, Weather & Climate, or Cosmology
Ecology	Introduction to Ecology, AP Environmental Science, Global Food and Sustainability Academy
Algebraic Concepts	Math I, Algebra 2, Functions and Trigonometry
Geometric Concepts	Geometry
Math Elective	Math I, Algebra 2, Functions and Trigonometry
Foundations of Physical Education	Foundations of Physical Education
Physical Education Electives	Any of the Physical Education course options *besides Sports Officiating*
Health	Health

Post-Secondary Admission Requirements

****Please verify admission requirements with the specific school of your choice****
For UW System Schools, go to uwhelp.wisconsin.edu
For all other universities, go directly to their website for admissions information.

Minimum Requirements for *most* University of Wisconsin System institutions**

Please verify the specific admission standards with the school and program of your choice.

English 4 Credits	4 Credits (literature-based and composition-based English courses recommended by many universities)
Social Sciences 3 Credits	3 Credits
Natural Sciences 3 Credits	3 Credits (Biology, chemistry and another lab science recommended by many universities)
Math 3 Credits	3 credits of college preparatory math (typically through Algebra II, however it is best to check with each institution for specific preferences)
World Language	It is highly recommended that students complete two units of a single world language in high school. NOTE: Completion of two years of a single world language in high school will fulfill a language (graduation) requirement for most universities. For example, all students at UW-Madison must complete at least two units of a single world language to graduate from UW Madison–completion in high school will meet this requirement.
Electives 4 Credits	Fine arts, computer science, business, family and consumer education, and other academic, career, and technical areas.

Total Credits: **17**

Typical Requirements for Highly Selective Colleges**

Please verify the specific admission standards with the school and program of your choice.

English 4 Credits	4 Credits (literature-based and composition-based English courses recommended by many universities)
Social Sciences 3-4 Credits	3-4 Credits
Natural Sciences 3-4 Credits	3 Credits (3 credits lab-based sciences)
Math 4 Credits	4 credits of college preparatory math (typically through Algebra II, however it is best to check with each institution for specific preferences)
Single World Language 3-4 Credits	(Requirements will vary)
Additional Academic/Fine Arts 2 Credits	Fine arts, computer science, business, family and consumer education, and other academic, career, and technical areas.

Total Credits: **19-22**

Post-Secondary Admission Requirements

****Please verify admission requirements with the specific school of your choice****
For UW System Schools, go to https://www.wisconsin.edu/
For all other universities, go directly to their website for admissions information.

Entrance Requirements for *Wisconsin Technical College System* institutions**

Please verify the specific admission standards with the school and program of your choice.

- Consult website for specific admission requirements: https://www.wtcsystem.edu/
- ACT may be used for placement or admissions.
- Some programs require specific courses and grades.
- Please check individual institution websites for application timelines for specific programs.
- Some programs fill on the first day of application.

What is Direct Admit Wisconsin?

- Direct Admit Wisconsin is an initiative by the Universities of Wisconsin to proactively offer admission to qualifying high school students between their junior and senior years of high school.
- Direct admission removes the traditional application process and instead uses data provided by the high school to admit students to universities.
- For more information about Direct Admit Wisconsin, please visit the following website: www.wisconsin.edu/direct-admissions

What is the Wisconsin Guarantee (Act 95)?

- The Wisconsin Guarantee will offer guaranteed admission to Universities of Wisconsin schools for Wisconsin high school students in the top 5% (ALL UW schools including Madison) and 10% (all other universities, excluding UW Madison) of their graduating class.
- For more information about the Wisconsin Guarantee, please visit the following website: www.wisconsin.edu/wisconsin-guarantee

www.NCAA.org

Attention Student Athletes

Courses that have been approved by the NCAA Eligibility Center

ENGLISH LANGUAGE ARTS	SOCIAL STUDIES	WORLD LANGUAGES
English 9	African Heritage	Spanish I
English 10	Current Affairs	Spanish II
English 10 Bundled	Diversity Studies	Spanish III
English 11	Economics	Spanish IV
English 12 as part of an ACCEL Academy	Foundations of American Democracy	AP Spanish
Contemporary Literature	International Studies & Global Relations	French I
Creative Writing I & II	Introduction to Sociology	French II
Interdisciplinary Poetics *Name Change: Music as Poetry	Legal Studies	French III
Introduction to Women's Studies	Native and Latin American Heritage	French IV
Public Speaking	Psychology	AP French
Real World Reading	World History	German I
Senior Composition	United States History 1865-Present	German II
AP English Language & Composition	U.S. History 1865-Present Bundled	German III
AP English Literature & Composition	AP African American Studies	German IV
AP Seminar	AP European History	AP German
AP Research	AP Human Geography	Hmong Language for Heritage Speakers I
Journalistic Writing	AP Macroeconomics	Spanish Language for Heritage Speakers I
Graphic Novel as Literature	AP Microeconomics	Spanish Language for Heritage Speakers II
MATHEMATICS	AP Psychology	Spanish Language for Heritage Speakers III
Math I *pending review by the NCAA review board	AP U.S. Government and Politics	
Algebra 2	AP United States History	Spanish Language for Heritage Speakers IV
Functions of Trigonometry (Algebra 3)	AP World History: Modern	
Geometry	**SCIENCE**	**SCIENCE**
Pre-Calculus	Biology	Physics
Pre-Calculus Bundled	Cosmology	Physics Bundled
Pre-Calculus Compacted	Chemistry	Physics Compacted
Statistics	Chemistry Compacted	Weather and Climate
AP Calculus AB	Fundamentals of Forensic Science	AP Biology
AP Calculus AB Compacted	Genetics and Biotechnology	AP Environmental Science
AP Calculus BC	Human Anatomy & Physiology: Bones, Skins, Muscles, and More	AP Chemistry
AP Calculus BC Compacted		AP Physics C: Mechanic
AP Computer Science Applications	Human Anatomy & Physiology: Breathing, Eating, Responding, and More	AP Physics 1
AP Computer Science Principles		AP Physics 2
AP Statistics	Introduction to Ecology	
	(Continued in next column)	

Schedule Change Policy

Staffing and budgeting decisions for the school year are made based on the courses selected by students. Students should assume that the courses selected will be scheduled. Moreover, the master schedule is developed to accommodate student course selections, and to create balanced classes. Due to these facts, it is necessary to establish formal scheduling procedures.

Technical:
Schedule adjustments will be made for the following reasons. Schedule changes can only be made during the first 10 days of the semester.

- Failure of the student to meet proper course prerequisites.
- A different course is needed as a result of failure or deficiency toward graduation requirements.
- Class conflicts (two classes scheduled during the same period).
- Desire to replace a study hall with a class.
- Requests a study hall and does not have one within their schedule.
- Completed a course during summer school and a class is no longer needed.
- Directly related to the 504/IEP/ML plan accommodation

Non-Technical:
Schedule adjustments will NOT be considered or allowed for the following reasons:

- Student wishes to change to improve grade point average.
- Student states that the class is getting too hard.
- Student states that they have changed their mind.
- Student has concerns with the teacher assignment.
- Student is unhappy with the lunch period assignment.
- Student has concerns relating to members of a given class.
- Student wishes to change schedule due to employment or extra-curricular activity
- Student wishes to drop year-long class, mid year

Need Support? We are here to help ensure your success with your classes! Please contact your teacher, counselor, or a school administrator to discuss your concerns.

Level Change:
Schedule adjustments will be considered within 20 days of the beginning of the course for students enrolled in higher level (ie., Advanced Placement) courses. Students who request a course change to alter the level of the enrolled course will meet with the Equitable MultiLevel Systems of Support Coordinator to discuss the request. If approved, students would be exempt from grading for work missed. Students will be given access to course material taught during the time period missed.

Student Scheduling Requirements

All students are required by Wisconsin Statute 118.33 to be in school for the full day unless a student is in an accredited work program or has an IEP designating otherwise. A full day of school for Sun Prairie High School students is defined by the Sun Prairie School Board in Policy IKF and Procedure IKF-R, Graduation Requirements; and in Policy JDA, Full-Time Student.

Students with Special Needs

Accommodations and modifications are made for students who have met legal requirements for programs established by Board policies and Board/administrative procedures such as IEPs and 504 plans.

Early Graduation

The majority of high school students will complete the graduation requirements in eight semesters. However, a student may graduate in seven semesters if they meet all graduation requirements for their class. A student wishing to graduate ahead of their class must submit this written request, signed by the student's parent/caregiver, by the 10th day of the semester prior to the requested graduation date (typically mid-September). Under specific and extenuating circumstances, their principal may waive the seven semester requirement/or the timeline for a written request. Invitations to the graduation ceremony will be extended to all early graduates.

Transfer Students

Any student transferring into a Sun Prairie high school shall be expected to be enrolled as a full-time student during their final semester in the District in order to receive a Sun Prairie high school diploma.

Grading and Credits

Grading Scale

4.0	A	93-100
3.7	A-	90-92
3.3	B+	87-89
3.0	B	83-86
2.7	B-	80-82
2.3	C+	77-79
2.0	C	73-76
1.7	C-	70-72
1.3	D+	67-69
1.0	D	63-66
.7	D-	60-62
0	F	59 and below

Grade Reports

Progress Reports reflect current achievement at mid-quarter.

Mid-Semester Report Cards reflect current achievement after a nine-week period. No credit is awarded at quarter.

Semester Report Cards include the final semester grades. Credit is awarded for classes that are successfully passed.

NOTE: *Semester Grades* are:
- Permanent
- Appear on transcript
- Determine credit earned
- Factor into cumulative grade point average (GPA)

Credits

A student earning a passing grade in a semester course will earn one-half credit. Sun Prairie High Schools run one -quarter credit class: SP 30. A student earning a passing grade in a quarter credit class will earn one-quarter credit.

Please note: Study Halls and Teaching Assistants (TA) do not earn credit. Students may have up to one study hall OR TA on their schedule per semester.

Grades earned through the summer school credit recovery program do not replace previous failing grades but do count toward a student's overall GPA.

SP 30

All students will be automatically enrolled in our Academic and Career Planning (ACP)/Advisory course, SP 30, each year across grades 9-12. Upon successful completion, students will earn a 0.25 elective credit, per year, for participation in academic and career planning (ACP) lessons and activities.

Course Auditing

What is Auditing?

High school students auditing a class will not receive credit, but the audited course will count as an enrolled course in the student's schedule toward full-time status.

Why Do Students Request to Audit a Course?

Auditing a course is most often used when a student needs to retake the second semester of a yearlong course for credit. In that situation, a student may audit the first semester of that course to stay refreshed on the content in order to be in a better position for the second semester.

Auditing may also be used to repeat a course to gain more skill before taking the next level for credit. (i.e. I received a D in French 2 so I would like to audit it before taking French 3.)

What an Audit is NOT: An audit may not be used to avoid taking additional coursework or to take an advanced course without receiving a grade.

Qualifications to Audit:

- Teacher, counselor, and administrator must agree that the purposes of an audit are being met through this request (see above)
- Student must be in good credit standing for graduation
- Seats must be open in the desired course. Audit requests will be held until scheduling is complete to ensure first choice goes to students who have not yet taken the class.
- Auditing may be part of a S.L.I.F.E. or Multilingual Learner entry plan.

Expectations:

- The student must plan to attend the class and complete all assignments, tests, quizzes as they would if the work was being graded.
- If the student does not meet these expectations, they will receive an "F" in lieu of the audit.

Fees

Fees are collected from students when they enroll in courses as a way to offset the cost of consumable materials for courses at the secondary level.

High school students will be assessed a flat fee of $40, with the following exceptions:

1. Courses that lead to an individual license/certification as an additional option for students (i.e., CPR license, DNR Certification, Lifeguarding certification) are assessed to the student/family
2. Optional exams (AP/PSAT exams)
3. Parking passes
4. Athletic/activity cards
5. Athletic and club fees
6. Rental fees for musical instruments for grades 9-12
7. Field Trips not listed in course guide
8. Behind-the-Wheel

Students who qualify for free or reduced lunch may file a waiver for course fees.

Student Services at Sun Prairie Schools

Student Services is comprised of School Counselors, School Social Workers, School Psychologists and College, Career & Life Readiness Coordinators. The Student Services team works collaboratively to assist students in the areas of academic achievement, personal/social development and career services, as well as providing responsive services.

School Counselors

Sun Prairie High School counselors are committed to maximizing the success of all students through academic, personal/social, and career development. To best become familiar with our students and their needs, students are assigned to counselors by their last names and keep the same counselor throughout high school. If you would like to make an appointment with your counselor, reach out to your school counselor at the contact information below. The major components of the School Counseling program are to promote the academic success of all students by providing the following programming and services on behalf of students:

Academic Achievement
- Scheduling of students and making schedule changes
- Learning problem-solving strategies
- Referral for special help
- Maintenance of student records
- Administration/interpretation of standardized testing

Social/Emotional Development
- Student Advocacy
- Responsive Services
- One-on-one brief counseling

Career Exploration
- Provide counseling regarding options
- Discuss class options with students given career goals

School Social Workers

School Social Workers enhance the district's ability to meet its academic mission, by maintaining and enhancing the mental, emotional, behavioral, cognitive and social functioning of student learners. School social workers foster collaborative relationships with parents, school personnel, and the community to promote the understanding of a student's social/emotional and academic needs. They use best practices and meaningful interventions to address the whole child in today's diverse and changing environment. School social workers offer crisis intervention, conflict resolution, and counseling to students to help each student gain the social understanding needed to interact in the school environment and learn. Additionally, School Social Workers help students and their families to find the resources they need including food, housing, medical, clothing, tutoring, substance abuse resources, counseling, domestic abuse support, and others. Due to these difficult economic times, many of our students and families have become homeless or are highly mobile. If your student is homeless they are entitled to certain rights and we may have resources to help you through this challenging time. You may be homeless if you are in a shelter, living in a hotel or motel, moving frequently or are living doubled up due to a lack of affordable housing. Please contact any of our Sun Prairie School Social Workers and they will talk with you to determine if you meet the homeless criteria or assist you in accessing resources.

In addition to promoting personal/social development, additional School Social Worker roles include:

- Assist in reducing barriers to education
- Support families in housing transition & students in foster care
- Coordinating with and access to community resources
- Alcohol, Tobacco, and Other Drug Services
- Assist with team problem-solving systems
- One-on-one brief counseling
- IEP Meeting team members
- Social Academic Instructional Groups (SAIG)

School Psychologists

School psychologists help students succeed academically, socially, and emotionally. They collaborate with educators, parents, and other professionals to create safe, healthy, and supportive learning environments for all students. School psychologists are part of the Student Services team who collaborate with teachers, parents, administrators, and students themselves to find effective solutions to learning and behavior problems. They evaluate eligibility for special services, assess learning skills and social/emotional development. School Psychologists work with students and families to resolve issues that interfere with school performance and promote tolerance and appreciation of diversity within the school community.

Additionally, School Psychologist roles include:

- Special Education Testing
- One-on-one brief counseling
- Facilitating IEP Meetings
- Facilitating 504 Meetings

College, Career and Life Readiness Coordinators

The College, Career, and Life Readiness Coordinators work to support students in grades 6-12 in their efforts to engage in rigorous and relevant coursework, career-based learning opportunities, and experiences that are enriching, challenging, and directly connected to the career, college, and life success.

East High School Student Services Staff		
School Counselors		
Sarah Albright (Last names A - F)	(608) 834-6723	sdalbri@sunprairieschools.org
Amy Karsten (Last names G - L)	(608) 834-6722	amrathk@sunprairieschools.org
Steven Jordan (Last names M - S)	(608) 834-6750	sljorda@sunprairieschools.org
Phau Thao (Last names T - Z)	(608) 834-6726	pthao@sunprairieschools.org
School Psychologists		
Amy Kohl	(608) 834-6724	ajkohl@sunprairieschools.org
Thomas Leslie	(608) 834-6721	tdlesli@sunprairieschools.org
School Social Workers		
Molly Reichelderfer (A-K)	(608) 834-6728	mereich@sunprairieschools.org
Katelyn Andrews (L-Z)	(608) 834-6727 VM. 5626	kjandre@sunprairieschools.org
College, Career & Life Readiness Coordinator		
Laura Leja Robinson	(608) 834-6738	lllejar@sunprairieschools.org

West High School Student Services Staff		
School Counselors		
Chelsea Saldana (Last names A - G)	(608) 478-1869	cmsalda@sunprairieschools.org
Keith Medema (Last names H - M)	(608) 478-1868	kamedem@sunprairieschools.org
Monica Wagner (Last names N - T)	(608) 478-1870	mmwagne@sunprairieschools.org
Phau Thao (Last names U - Z)	(608) 834-6726	pthao@sunprairieschools.org
School Psychologists		
Amy Giza	(608) 478-1700 ext. 5333	algiza@sunprairieschools.org
Thomas Leslie	(608) 478-1700 ext. 5334	tdlesli@sunprairieschools.org
School Social Workers		
Susi Sirianni (Last names A-K)	(608) 478-1700 ext. 5327	sesiria@sunprairieschools.org
Caitlin Fahey (Last names L-Z)	(608) 478-1700 ext. 5322	cmfahey@sunprairieschools.org
College, Career & Life Readiness Coordinator		
Rebecca Griffin	(608) 478-1871	rlgriff@sunprairieschools.org

Prairie Phoenix Academy Student Services Staff		
School Counselor		
Annetta Wright	(608) 834-6928	alwrigh@sunprairieschools.org
School Social Worker		
Ellena Donaldson	(608) 834-6927	ehdonal@sunprairieschools.org

Block Scheduling Formats

AB Block

Unless otherwise noted, all courses are running in an AB block format. This means that the course will run every other day (on an A day or B day) for the entire school year.

Compacted Block

Compacted courses are an opportunity to accelerate and complete two year long classes in one year, thus earning two credits. Classes will be identified as compacted classes when students are registering. Students will have compacted classes everyday, completing a one year course during the first semester and a one year course during the second semester.

Courses offered in a COMPACTED format for the 2024-25 school year are as follows:

Class	Course Number
Algebra 2 & Pre-Calculus	3470COMP, 3471COMP
Advanced Placement (AP) Calculus AB Advanced Placement (AP) Calculus BC	3474COMP, 3475COMP
Chemistry & Physics	4450COMP, 4451COMP
Automotive Technology 1 and 2	8851 COMPTED, 8852 COMPTED
Automotive Technology 3 and 4	8853 COMPTED, 8854 COMPTED

Bundled Courses

Bundled courses pair two classes together so that the curriculum can be offered in a more flexible, creative, and interesting way. Two teachers team together for bundled courses. The key objectives for the courses remain the same. The curriculum is interwoven together so that both classes seamlessly enhance and complement each other. We are excited to offer this bundled opportunity for students and teachers because of the creative and flexible ways the topics can be addressed in this format. This course is for 2.0 credits (two year-long classes bundled together). These courses will meet every day.

The courses offered in a BUNDLED format for the 2024-25 school year are:

Class	Course Number
Pre-Calculus & Physics	3588BUND, 3589BUND, 4444BUND, 4544BUND
U.S. History 1865-Present & English 10	2251BUND, 2252BUND, 1220BUND, 1221BUND

Professional Experienced-Based Learning & Career-Focused Skill Development

ACCEL Academies serve as an internship based experience to help students learn the skills and knowledge needed within each Career Cluster. ACCEL Students will have professional learning experiences that are directly related to Career Clusters within that academy field. Students will work both in the classroom and off campus with business partners on professional (real) projects.

ACCEL academies are experiential (experience-based) learning environments. They include a cluster of complementary courses that represent the collaboration of education, business and community. In ACCEL academies, students participate in a unique, immersive experience to become skilled, adaptable, global innovators and leaders.

When a student selects an academy they are selecting two (2) credits of aligned coursework that will be scheduled together. Below are the three different academy options offered for the 2024-25 school year.

This program is offered to juniors and seniors.

Click each course title to see a video from the teachers talking about the course.

Course #	Title	Grades	Prerequisites	Length of Course/ Credits Earned	Career Cluster
9111 GFS 9112 GFS	AP Environmental Science Sustainability Career Academy	11-12	None	Year / 2.0	Agriculture, Food and Natural Resources
9113 BSA (Juniors) 9114 BSA (Juniors) 9115 BSA (Seniors) 9116 BSA (Seniors)	Business Leadership Academy	11-12	None	Year / 2.0	Business Management and Administration & Distribution and Logistics
9109 MA (Juniors) 9110 MA (Juniors) 9111 MA (Seniors) 9112 MA (Seniors)	Sports, Entertainment and Tourism: Marketing Academy	11-12	Marketing Principles	Year / 2.0	Marketing & Hospitality & Tourism

AP Environmental Science Sustainability Career Academy

Courses

1.0 credit - AP Environmental Science (ecology or life science credit)
1.0 credit - Global Food and Sustainability (elective credit)
2.0 Total Credits
(See below for all course descriptions)

Career Cluster

Agriculture, Food and Natural Resources

- Agribusiness Systems
- Animal Systems
- Environmental Service Systems
- Food Products and Processing Systems
- Natural Resources Systems
- Plant Systems
- Power, Structural and Technical Systems

AP Environmental Science Sustainability Career Academy is a 2-credit academy course which allows students to earn simultaneous credit for Agriculture and AP Environmental Science.

How do we feed 8 billion people in a technologically, environmentally, and ethically appropriate manner? What impact will our decisions have on the planet and other species?

This course will help students understand that

- Personal food production and consumption impact the world in a myriad of ways.
- Human survival depends on developing practices that will achieve sustainable systems.
- A suitable combination of conservation and development is required.
- The management of sustainable resources is essential.
- Understanding the role of science, cultural, social, and economic factors is vital to the development of solutions.

AP Environmental Science Sustainability Career Academy is a 2-credit academy course which allows students to earn simultaneous credit for Agriculture and AP Environmental Science, allowing students the option to take the national AP Environmental Science exam.

This team taught course provides students the AP Environmental Science curriculum with the added benefit of more real world, hands-on, field and laboratory experiences. This is the perfect opportunity for students who are interested in a career in Environmental Sciences. Students will engage in labs including, biofuel production, bioengineering such as genetically modifying bacteria to clean up oil spills, developing new sustainable food products, forestry and land management, aquaponic systems; they will work on the prairie and future planning of the land next to East High School; partner with local farmers and businesses to assess sustainability practices; develop and build food production systems and eat their finished products; and many more experiences to support the curriculum.

The Advanced Placement Environmental Science component of the academy provides students with a learning experience equivalent to that obtained in typical college introductory courses in environmental science, while fostering a rounded approach that supports Agricultural Education with a strong focus on project/problem-based learning and literacy development. This approach yields a holistic understanding of AP Environmental Science concepts and utilizes best practices, framing learning experiences in real-world applications as they relate to Sustainability. This course prepares students for the National Advanced Placement Exams in May, and with satisfactory results, students may earn college credits.

Students take multiple field trips. One o a forest for tree population, sampling and one to a stream for water quality testing. Other field trips will include local farms and businesses.

Click here: ▶ to watch a video introducing this course.

Business Leadership Academy

Courses

1.0 credit - Business Fundamentals (project based)
1.0 credit - English 11 or 12
2.0 Total Credits
(See below for all course descriptions)

Career Clusters

Business Management and Administration

- Administrative Support
- Business Information Management
- General Management
- Human Resources Management
- Operations Management

Business Management and Administration

- Sales and Service
- Logistics Planning and Management Services
- Warehousing and Distribution Center Operations

The **Business Leadership Academy** is a unique capstone course that will challenge you to apply your business knowledge, communication, and leadership skills to benefit Sun Prairie area companies and organizations. The Business Leadership Academy is a two-credit, year-long, team-taught, interdisciplinary experience that combines a business elective and English 11 or 12. This is a project and problem-based course that asks you to work in teams to research, propose, and evaluate current business trends and challenges. The course is designed to prepare you to be future business leaders in the global economy. You are expected to exhibit high standards of professionalism while working in the community with business partners.

As you take a deep dive into the world of business, you will be exploring business skills, fundamentals, and trends by working in partnership with actual businesses and business leaders from across the region. You will work in teams to develop proposals to address challenges faced by industry leaders and locally owned businesses in our region. You will develop an understanding of business in the context of local, national and global economics.

You will develop and use your English Language Arts skills in research, reading comprehension, analytical thinking, and writing practices to engage with business opportunities. Speaking and listening skills will be integral to your relationships with peers, teachers, and business partners, especially when presenting your findings and proposed solutions.

The Business Leadership Academy is a unique opportunity to develop real-world business and professional skills. With that comes great responsibility; expectations are high. We expect full participation from our Academy students, as we work together to strive for excellence.

This class will take a field trip to visit UW-Madison and one other business.

Click here: ▶ to watch a video introducing this course.

Sports, Entertainment, & Tourism: Marketing Academy

Courses

1.0 credit - Sports & Entertainment Marketing, Hospitality & Tourism Marketing (project based)
1.0 credit - English 11 or 12
2.0 Total Credits
(See below for all course descriptions)

Career Clusters

Marketing

- Marketing Communications
- Marketing Management
- Marketing Research
- Merchandising
- Professional Sales

Hospitality and Tourism

- Lodging
- Recreation, Amusements and Attractions
- Travel and Tourism

The **Sports, Entertainment and Tourism Marketing Academy** (SET Academy) is a one-of-a-kind capstone course that challenges students to apply their marketing knowledge to the dynamic world of sports, entertainment, and tourism. The SET Academy is a two credit year-long interdisciplinary and project-based learning experience that combines a marketing elective and English 11 or 12. Students will be working in teams to have hands-on experiences working with local businesses and programs at the high school, college, and professional levels. Since students will be partnered with businesses and community partners, all are expected to exhibit high standards of professionalism.

Students will learn about the management of sports and entertainment venues, develop promotional plans, discover how endorsement deals work, create fan in-game experiences, and so much more! Additionally, students will have the opportunity to manage the video board at Ashley Field at Bank of Sun Prairie Stadium. Tourism Marketing management will allow students an opportunity to explore this fast paced service industry that generates over $1 trillion dollars in economic activity! In this project based curriculum, students will develop customer service and professional selling skills.

Within this course, students engage with reading, writing, speaking, and listening skills essential to the professional world. Meeting the same standards as junior/senior English classes, students will analyze markets, develop business ideas, and present convincing proposals. They will learn how to conduct efficient and effective research, how to answer real-world questions, and how to present information to different types of audiences and to use different presentation modes.

Students will take a field trip to UW-Madison and one additional business.

Click here: ▶ to watch a video introducing this course.

Advanced Standing (AS) Courses

https://madisoncollege.edu/about/community/partnerships/k12

High school students are eligible to receive technical college credit when a course is taught by a certified Madison College trained teacher and if the students successfully complete a course wherein the high school and technical college have aligned curriculum competencies and developed an "Articulation Agreement." Students are asked to consult with course instructors to ensure that all requirements are met for fulfilling the articulated agreement. Upon enrollment in a technical college the student is awarded credit(s) for course(s) taken in high school. All Wisconsin technical colleges will accept advanced standing from another technical college if the course is comparable to competencies and credits awarded at the second technical college.

Following are Sun Prairie High School courses articulated with Madison College:

Compacted Automotive Technology 3 and 4

Dual Credit

A course that is noted as offering "dual credit" means that when a student at Sun Prairie High Schools successfully completes that course, they will receive credit simultaneously from the high school and a technical college. A certified Sun Prairie instructor teaches the course. Upon successful completion of the course, grades are posted to the high school and college and tabulated in the student's high school and college GPA. When a student earns dual credit, they can save hundreds of dollars and a great deal of time. The below listed courses are designed to offer dual-credit options. Dual-credit option opportunities, though, may change from year to year as the contracts between Sun Prairie High Schools and colleges are on a yearly basis. These courses provide a wonderful opportunity for our students.

Accounting I
Greenhouse Management and Horticulture
Certified Nursing Assistant*
Civil Engineering and Architecture (CEA) – Project Lead The Way
Computer Applications: Processing
Cyber-Security (PLTW) - Project Lead The Way
Digital Electronics (DE) – Project Lead The Way
Education in a Pluralistic Society
Entrepreneurship and Management
Biological Engineering and Environmental Sustainability (ES) – Project Lead The Way
Exploring Hospitality and Tourism
Introduction to Education and Teaching
Introduction to Engineering Design (IED) – Project Lead The Way
Manufacturing Metal Fabrication I & II
Marketing Education I
Marketing Management: Hospitality and Tourism
Principles of Engineering (POE) – Project Lead The Way
Veterinary Science

*This course is different from a Dual Credit course in that it is taught by a Madison College instructor at a Sun Prairie high school campus. Students will receive both SPASD and Madison College credits, but do not have to pay for the Madison College credits.

Advanced Placement (AP) Courses

http://www.collegeboard.com/student/testing/ap/about.html

The Advanced Placement Program (AP) gives students an opportunity to take college-level courses and exams while they are still in high school. Through this, students may earn credit, advanced placement, or both for college. There are many benefits for students who participate in AP --- studying interesting and challenging things, discovering new interests, and getting a head start on their future!

Why is AP so valuable?

Find out what you can really do … Challenge yourself and see what you are capable of achieving. Prove you can master college-level material, and discover the satisfaction of reaching your goals and knowing you have been successful.

Prepare for college work … AP courses and exams represent the beginning of your journey through college-level academic challenges. Once you're used to being challenged, you're more likely to continue with advanced studies, AP is not just a test; it's an experience. AP courses motivate you to work hard, and you can improve the quality of all your courses based on the skills you gain in one AP course.

The work you do in an AP course will help you develop skills and study habits that will be vital in college. You'll learn how to analyze problems effectively, improve your writing skills, and prepare for exams. Students who take AP courses and exams are more knowledgeable about the demands of college work, and they understand what is needed to succeed at the college level.

Improve your chances of getting into a competitive college … Colleges and universities recognize that applicants with AP experience are much better prepared for the demands of college courses. Admissions officers are well aware of the difficulty of AP courses and exams, and sending them your AP Exam grades can only be a positive step toward potential admission into competitive colleges.

Get good value for your money … The cost of an AP Exam in the 2023-24 school year is $99.00 ($147 for the AP Seminar or AP Research exam) but the average cost of 3 credits at a University is $1,500.00.

Have more time for yourself at college … Gaining credit or advanced standing in college can give you time for other interests that you might not have otherwise been able to pursue --- time abroad, extra classes, independent studies. This is the fun stuff that most college students just don't have the time or money to do.

Get a head start … Every year, hundreds of students achieve sophomore standing by earning qualifying AP grades. More than 1,400 institutions in the United States alone grant a full year's credit to students who present satisfactory grades on enough AP exams. Write to the colleges you are interested in attending to get the most up to date information about their AP policies.

Increase your options … Earning AP credit has allowed thousands of students to take a double major in college, move into upper-level courses in their field of interest, or complete their undergraduate and graduate degrees in four years.

Improve your self-esteem … By succeeding in an AP course and exam, you will know in advance that you have the ability to succeed in college. Students who have this confidence are less likely to go for the easy options in college, and are more likely to specialize in majors with tougher grading standards. They are also more likely to take a greater course load and complete a greater number of higher-level courses.

The payoff … When you ask yourself, "Is it worth it?" consider the potential payoff. The AP experience is rich and rewarding. You work hard but you get back much in return. Most colleges view any AP experience as a plus, and AP gives you tools that serve you well throughout your college career.

Sun Prairie High Schools offer the following Advanced Placement courses dependent on enrollment:

(See respective departments for course descriptions.)

AP African American Studies
AP Art History
AP Drawing
AP 2-D Art and Design
AP 3-D Art and Design
AP Biology
AP Calculus AB
AP Calculus BC
AP Chemistry
AP Computer Science Principles (CSP)
AP Computer Science A (CSA)
AP English Language & Composition
AP English Literature & Composition
AP Environmental Science
AP European History
AP French Language & Culture
AP German Language & Culture
AP Human Geography
AP Macroeconomics
AP Microeconomics
AP Music Theory
AP Physics C: Mechanics
AP Physics 1
AP Physics 2
AP Psychology
AP Research
AP Seminar
AP Spanish Language & Culture
AP Statistics
AP U.S. Government & Politics
AP U.S. History
AP World History: Modern

To learn more about these Advanced Placement courses, you may visit:
https://advancesinap.collegeboard.org/.

Advanced Placement testing is offered to all students whether or not they are enrolled in a course designated as Advanced Placement. Information from the AP teacher assists students with preparing for the national Advanced Placement tests given yearly in May. The tests are optional and are for those students who wish to earn college credits. Students will register for AP Exam testing in the Fall of 2024. The current 2023-24 cost for an AP exam is $98.00 ($146 for the AP Seminar or AP Research exam). Wisconsin Statutes 120.12(22) requires the Sun Prairie Area School District to pay the exam fee for students who qualify for free and/or reduced priced lunches. Other students not qualifying for free or reduced lunches must pay their own exam fees.

For more information reach out to your High School EMLSS Site Coordinator:
Sun Prairie East High School at (608) 834-6706
Sun Prairie West High School at (608) 478-1788

CEOs of Tomorrow

CEOs of Tomorrow offers programming and products that teach and nurture social entrepreneurship, or the act of creating a business that solves a social problem or benefits society, inspiring youth to transform the world through business solutions that help people, animals, environments, and communities in need. Social entrepreneurship education transforms youth into critical thinkers and enthusiastic dreamers, empowering them with the tools they need to shape and influence the world around them.

Through a hands-on, interactive, vibrant curriculum grounded in the real world, CEOs of Tomorrow inspires higher academic engagement and achievement while nurturing skills necessary for college and career success. By successfully completing These Teens Mean Business (TTMB) programs held during out-of-school time, teens can also earn high school and college credit, plus digital learning badges, which can elevate their college essays, scholarship applications, and resumes.

Madison College will grant equivalent college credit to individuals who have successfully completed courses through These Teens Mean Business, are Madison College students, and successfully complete the Credit for Prior Learning process at Madison College. For every 45 hours worked in the work-based learning programs Teen Store Managers and Teen Money Mentors, students will earn a .25 SPASD credit. SPASD students may earn up to 5 elective credits throughout their years in high school at a rate of 0.25 credits per 45 hours worked. Visit https://ceosoftomorrow.org for more information.

Program	CEOs of Tomorrow Digital Badge	Madison College Credits for Prior Learning	Madison College Digital Badge	SPASD Credit
TTMB Academy	Intro to Entrepreneurship	3 credits	Intro to Entrepreneurship	1.0 credit
TTMB Internships	Field Experience Employability Skills Financial Wellness	2 credits	Field Experience	.25 - 3.0 credit
TTMB Global Excursion	Cultural Immersion	3 credits	Global Entrepreneurship	1.0 credit
TTMB Innovation Studio	Design Thinking Practitioner	N/A	N/A	1.0 credit
Teen Store Managers	Employability Skills	N/A	N/A	.25 credits for every 45 hrs worked
Teen Money Mentors	Financial Wellness Employability Skills	N/A	N/A	.25 credits for every 45 hrs worked

Early College Credit Program (ECCP)

(Program is subject to change)

Allows students to enroll in one or more nonsectarian courses at an institute of higher education for high school and/or college credit that is not offered in our district by SPASD staff.

Provides that post-secondary admittance be contingent on meeting entrance requirements and the availability of space.

Requires that transportation be the responsibility of the parent/guardian and student. If the parent/guardian is unable to pay the cost of such transportation, they may apply to DPI/State Superintendent for reimbursement.

Requires a student application and notification process so that school district planning and reporting may take place. Applications for enrollment for obtaining high school credit in these courses must be made **by March 1,** for the fall semester and **by October 1,** for courses to be taken during the spring semester.

Requires the school district to determine whether the course satisfies state graduation requirements and what, if any, high school credits are to be awarded to the student. The ECCP allows for cost sharing between the State, the District, and in some cases, the pupil's family. Please contact your high school's College, Career, and Life Readiness Coordinator for further information.

ECCP Applications can be found online at:
https://dpi.wi.gov/dual-enrollment/eccp

Start College Now Program (SCN)

(Program is subject to change)

Allows juniors and seniors who meet certain requirements to take courses at a Wisconsin technical college for high school and technical college credit that is not offered in our district by SPASD staff.

Requires that transportation be the responsibility of the parent/guardian and student. If the parent/guardian is unable to pay the cost of such transportation, they may apply to DPI/State Superintendent for reimbursement.

Requires a student application and notification process so that school district planning and reporting may take place. Applications for enrollment for obtaining high school credit in these courses must be made **by March 1,** for the fall semester and **by October 1,** for courses to be taken during the spring semester.

A grade earned in an approved course shall be recorded on the student's high school transcript and included in the computation of the student's cumulative GPA. The course must not be comparable to a course offered within the district. The District shall pay for the cost of tuition, course fees, and books, while the pupil, family shall be responsible for incidental costs associated with the class. Please contact your high school's College, Career, and Life Readiness Coordinator for further information.

SCN Applications can be found online at:
https://dpi.wi.gov/dual-enrollment/start-college-now

Education Academy

The Education Academy is a dual enrollment program where high school students interested in pursuing a career in education and/or training will take a full-time schedule at Sun Prairie Schools during their 11th grade year, including both Introduction to Education and Education in a Pluralistic Society. During their 12th grade year students take a full-time schedule of college classes at Madison College. During their 12th grade year students can still participate in extracurricular activities and events at their home high school. Dual enrollment means that students earn both college credits and credits toward high school graduation. Interested students should contact their school's College, Career, and Life Readiness Coordinator for more information.

Fire Academy / EMR (Emergency Medical Responder)

The Sun Prairie Area School District, in partnership with the Sun Prairie Fire Department and Madison College, offers a great opportunity for junior and senior students who are interested in pursuing a career in Protective Services (Firefighter/EMR).

Fire Academy students go to Madison College every morning to take a five-credit course. This course meets from 8:30 - 11:30 a.m. The Fire Services Certification includes 200 hours of firefighting training that prepares students for the State of Wisconsin Firefighter 1 and Firefighter 2 certification examinations. Another option for students is to take the three-credit EMR (Emergency Medical Responder) class which is worth three college credits. Students are required to attend class three days a week in the morning (8:30 - 11:30 a.m.) at Madison College. There is a substantial amount of work to be done during the other two mornings. Students can study at home or at Madison College. In the afternoon students would return to their Sun Prairie Area High School to take their other required courses.

Students can enroll in one or both of these classes. Students will receive high school credits along with Madison College credits. Students must be on track for graduation with good attendance in order to be considered for this program. Interested students should contact their school's College, Career, and Life Readiness Coordinator for more information.

STEM Academy

The STEM Academy is a dual enrollment program where high school students interested in Science, Technology, Engineering, and/or Math (i.e., STEM) take a full-time schedule of college classes at Madison College over 11th and 12th grade. Dual enrollment means that students earn both college credits and credits toward high school graduation. Students attend Madison College full time during the day, and only attend their home high schools for extracurricular activities and events after the school day ends. Interested students should contact their school's College, Career, and Life Readiness Coordinator for more information.

Career and Technical Education Options

Each year the Sun Prairie Area School District offers career and technical education programs at Sun Prairie High Schools. These programs are designed to prepare youth for a broad range of education, training, and employment opportunities and are offered under the guidance of certified teachers and counselors. The following is a list of career and technical programs offered at our high schools: Agriculture, Business and Information Technology, Family and Consumer Science, Health Science, Marketing, and Technology and Engineering.

Work Based Learning / Youth Apprenticeship

Through a partnership with the Wisconsin Department of Workforce Development and the Wisconsin Department of Public Instruction, Sun Prairie high school students have the opportunity to work as part of their high school experience. This is a unique opportunity for juniors and seniors to advance their learning in multiple career areas as a way to prepare them for further education and a career while still in high school. The Work Based Learning / Youth Apprenticeship program combines an individual student's career path with coursework at the high school and college level and a mentored work experience in a professional work setting. Students in the Work Based Learning program not only receive credit for their Work Based Learning / Youth Apprenticeship experience but also earn an hourly wage paid by the employer. Students are able to work in a career area of their choice, including:

Career Area	Course Number
Agriculture	5837YAP
Animal Care	5839YAP
Architecture / Construction	5822YAP
Education / Childcare	9461FCE
Accounting / Finance	5845YAP
Healthcare	5841YAP
Hospitality / Food Service	7400YAP

Career Area	Course Number
Information Technology (IT)	5848YAP
Manufacturing / Welding	5815YAP
Marketing	6381YAP
Engineering	5833YAP
BioTechnology	5831YAP
Transportation / Auto Repair	8840YAP
AVID Academic Coaching	0000YAP

Sun Prairie Area School District's Work Based Learning / Youth Apprenticeship Program does have some requirements of students.

- Students are required to provide their own transportation to the worksite during the day/evening (Students are able to take the city bus to and from work)
- Be on target for graduation
- Complete the application and return to Student Services (Note: Just completing the application form does NOT mean that you are automatically accepted into the program)
- Sign up for a regular (full) load of classes for next year. If you are accepted into the program and employment is secured, your class schedule will be adjusted
- While staff may become aware of available positions, finding a job is ultimately the responsibility of the student
- Once employed, students will have assignments to complete as part of their Work Based Learning / Youth Apprenticeship experience

For general information about these programs, contact your College, Career, & Life Readiness Coordinator.

Sun Prairie East High School	Sun Prairie West High School Prairie Phoenix Academy	Career & Technical Education Coordinator
Laura Leja	Rebecca Griffin	Greg Granberg
608-834-5638	608-478-5233	608-318-8112
lllejar@sunprairieschools.org	rlgriff@sunprairieschools.org	gfgranb@sunprairieschools.org

Inquires concerning equal opportunities for students with disabilities should be directed to the Student Services Coordinator

Sun Prairie East High School	Sun Prairie West High School	Prairie Phoenix Academy
Mallory Long	Sadie Brown	Cindy Wise
608-834-5608	608-478-1700 ext. 5314	608-834-8002
malong@sunprairieschools.org	smbrown@sunprairieschools.org	clwise@sunprairieschools.org

Work Based Learning / Youth Apprenticeship Courses

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

AGRICULTURE WORK BASED LEARNING / YOUTH APPRENTICESHIP

Course: 5837YAP

The agriculture and natural resources industry offers a variety of potential worksite possibilities including farms, landscaping businesses, floral shops, and water treatment facilities. Units in this apprenticeship program include arborist / landscape, plant fundamentals, or environmental systems pathways.

VETERINARY WORK BASED LEARNING / YOUTH APPRENTICESHIP

Course: 5839YAP

The animal care industry covers a large span of animal care ranging from working with animals in a kennel setting to working in veterinarian office to working with herd management. Units in this apprenticeship program include small animal vet, dairy, or animal herd.

CONSTRUCTION WORK BASED LEARNING / YOUTH APPRENTICESHIP

Course: 5822YAP

In this industry, worksites vary from being immersed in large architectural firms to working within local construction companies or the opportunity to be trained by trade specialists. Earnings in this career are higher than average and it offers more opportunities than other industries for individuals to run their own business. Units in this apprenticeship program include architecture, carpentry, electrical, heavy equipment, masonry, HVAC, or plumbing.

CHILDCARE / EDUCATION WORK BASED LEARNING / YOUTH APPRENTICESHIP

Course: 9461FCE

In this industry, worksites vary from child care centers to community organizations to after school programs. This opportunity allows students to combine what they learned in their Assistant Childcare Teacher (ACCT) course with experiences caring for children to understand the childcare profession fully.

FINANCE / ACCOUNTING WORK BASED LEARNING / YOUTH APPRENTICESHIP

Course:5845YAP

The finance industry offers a variety of potential worksite possibilities including accounting departments, financial institutions (including banks and credit unions), and insurance companies. Due to expanding operations offering a wider range of services, the financial industry must attract qualified employees to meet customers' needs. Units in this program include finance, banking, or insurance pathways.

HEALTHCARE WORK BASED LEARNING / YOUTH APPRENTICESHIP

Course: 5841YAP

The outlook for careers in medical and health fields is strong and growing. Potential worksite possibilities include hospitals, long-term care residential facilities, dental and medical offices, clinics, pharmacies, and even insurance companies. Units in this apprenticeship program include therapeutic services, health informatics, or ambulatory services.

HOSPITALITY / TOURISM WORK BASED LEARNING / YOUTH APPRENTICESHIP

Course: 7400YAP

Worksites for this cluster include restaurants, hotels, travel planning, museums, and amusement parks. The leisure and hospitality sector makes up a large percentage of employment in Wisconsin and offers tremendous career growth. Units in this apprenticeship program include restaurant/food & beverage, lodging, or travel/tourism pathways.

INFORMATION TECHNOLOGY (IT) WORK BASED LEARNING / YOUTH APPRENTICESHIP

Course: 5848YAP

IT functions are universal in all types of businesses and industries. This cluster is among the largest and fastest growing sources of employment in Wisconsin. Units in this apprenticeship program include general IT, network systems, programming and software development, or web and digital communications pathways.

Work Based Learning / Youth Apprenticeship Courses

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

MANUFACTURING / WELDING WORK BASED LEARNING / YOUTH APPRENTICESHIP

Course: 5815YAP

The manufacturing career cluster is the engine that drives American prosperity. Manufacturing is one of the largest employment sectors in Wisconsin and requires a high number of technically skilled employees to drive innovation within our state. Units in this apprenticeship program include production, operations management, or maintenance/installation/repair pathways.

MARKETING WORK BASED LEARNING / YOUTH APPRENTICESHIP

Course: 6381YAP

Marketing industries comprise establishments engaged in a wide variety of industries and sectors. Marketing activities in each of these industries can include Selling, Merchandising, Research, Advertising and Communication, or Marketing Management.

ENGINEERING WORK BASED LEARNING / YOUTH APPRENTICESHIP

Course: 5833YAP

Engineering is part of the growing STEM industry that is changing how people work. Ranging from prototyping to production to design, employees in this field have a wide variety of duties and impact the world in many different ways. Units in this apprenticeship include civil engineering, mechanical engineering, or drafting technology.

BIOTECHNOLOGY WORK BASED LEARNING / YOUTH APPRENTICESHIP

Course: 5831YAP

BioTechnology is a small subset of the STEM field that in Dane County is a large industry making huge progress on people's quality of life. The BioTechnology Work Based Learning / Youth Apprenticeship program is the combination of taking classes on Wednesday night in Fitchburg to learn about scientific research and then working at a biotechnology company or in a biotechnology research lab.

TRANSPORTATION WORK BASED LEARNING / YOUTH APPRENTICESHIP

Course:8840YAP

Technology will continue to streamline and transform the logistics and distribution industry. Employment in the automotive repair sector is expected to increase due to the sophistication and dependency on electronic controls and systems in motor vehicles requiring skilled professionals. Units in this apprenticeship program include logistics, auto collision, auto technician, or diesel technician pathways.

PAID AVID ACADEMIC COACHING

Course: 0000YAP

Academic coaching is one of the best ways to both give back to your student body and also contribute to the growth of students. Paid AVID Academic Coaching is designed to allow high school juniors and seniors to apply to serve as AVID Coaches for the AVID 9 Elective classes as well as the AVID 7 and 8 Elective classes at our middle schools. AVID Coaches are not required to be part of the AVID program.

Prairie Phoenix Academy (PPA)

Prairie Phoenix Academy (PPA) is an alternative high school with a student population of about 100 students. PPA is a school of choice meaning students and their parents choose PPA as an option. We are a small non-traditional high school that proudly supports students' socially, emotionally, and academically. Our approach to student learning is personalized through a workshop design and/or a project based learning model. Students at PPA work with instructional staff who also serve as advisors towards meeting graduation requirements. Each student has an individualized graduation plan that helps guide and track progress. Workshops and projects typically last 4-6 weeks which allows students who are credit deficient to recover credit and work towards timely graduations. The workshop model design offers flexibility, allows students to work at their own pace, and is designed to give students lots of opportunities to be leaders in their education and demonstrate mastery of skills. All workshops and/or projects are aligned to the standards and meet DPI guidelines.

Sun Prairie students who elect to come to PPA are agreeing to join a community of learners with high expectations for attendance, class participation, and positive social interactions with each other and with their teachers. Students at PPA receive support and guidance from their teachers, they also learn self-advocacy, self-awareness, and focus to grow into a strong academic student while preparing for post-secondary success. Being part of the PPA family means that you are making choices that help prepare you for the next steps in life, while gaining strategies to continue to be an outstanding individual/citizen.

For more information reach out to the Principal of Prairie Phoenix Academy and Other Alternative Programs at (608) 834-6900 ext. 5501.

JEDI Virtual School

The JEDI Virtual School is a public charter school option that involves the utilization of licensed State of Wisconsin teachers in our delivery model. JEDI Virtual School utilizes a traditional school model with flexible online and blended learning options for students looking for an alternative to brick-and-mortar and homeschool programming.

A unique educational institution that utilizes the expertise of dedicated JEDI staff to provide a personalized educational experience that encompasses much more than simply direct instruction. Learning Coaches and Student Advisors provide frequent interaction, affirming progress and challenging students to a high level of mastery through quality feedback.

For more information reach out to the Principal of Prairie Phoenix Academy and Other Alternative Programs at (608) 834-6900 ext. 5501.

GEDO2 (General Educational Development Option 2)

GEDO2 is an alternate way to graduate for seniors in high school who are behind on their credits to a point where they are unlikely to graduate on time. Students in GEDO2 study to prepare and take the four GED tests in lieu of earning credits for graduation. Upon completion, students earn a SPASD high school diploma. Students will meet with their counselors to move forward with the GEDO2 process.

For more information reach out to the Principal of Prairie Phoenix Academy and Other Alternative Programs at (608) 834-6900 ext. 5501.


HIGH SCHOOL
COURSES

Agricultural Education Mission Statement

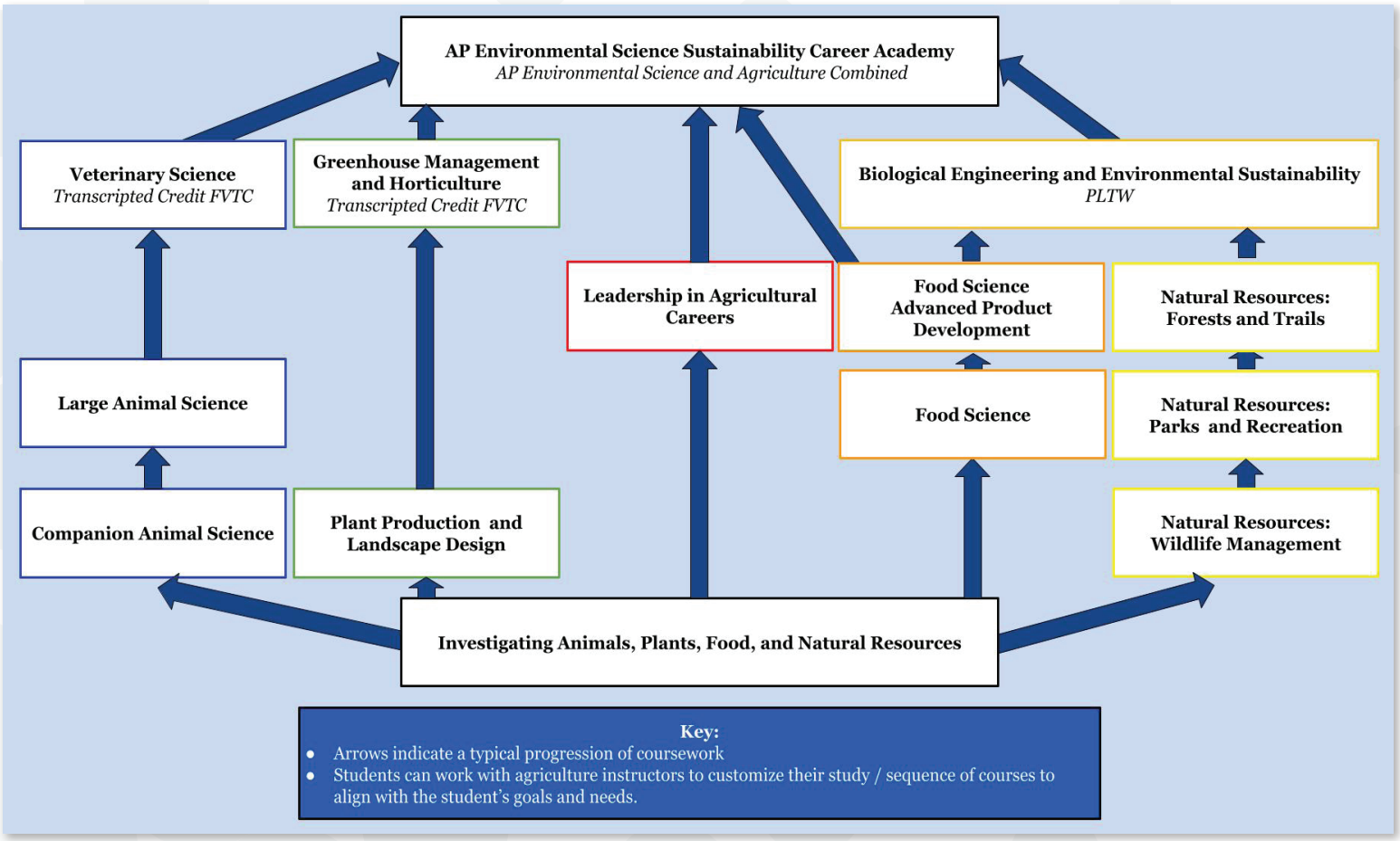
Agriculture Education prepares students for any career; supports students in their career choices; and develops leadership skills in students to benefit their community and the food, fiber, and natural resource systems.

FFA Mission Statement

The Wisconsin and National FFA Organization is dedicated to making a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.

Agricultural Education & FFA

The Future Veterinarians, Food Scientists, Engineers, CEOs, Farmers, Accountants, Teachers, Innovators **of America**



Agriculture, Food, & Natural Resources

Click each course title to see a video from the teachers talking about the course.

Course #	Title	Grades	Prerequisites	Length of Course/ Credits Earned
8019 AGR	Investigating Animals, Plants, Food, and Natural Resources	9-12	None	Semester/ .5
8046 AGR	Companion Animal Science	9-12	None	Semester / .5
8002 AGR	Large Animal Science	10-12	*Recommended:* Companion Animal Science	Semester / .5
8023 AGR 8024 AGR	Veterinary Science (TC)	11-12	*Recommended:* Companion Animal Science or Large Animal Science	Year / 1.0
8010 AGR	Plant Production and Landscape Design	9-12	None	Semester / .5
8014 AGR	Greenhouse Management and Horticulture Production (TC)	10-12	*Recommended:* Plant Production and Landscape Design	Semester / .5
8003 AGR	Leadership in Agricultural Careers	10-12	None	Semester / .5
8028 AGR	Food Science	9-12	None	Semester / .5
8029 AGR	Food Science Advanced Product Development	11-12	Food Science	Semester/ .5
8009 AGR	Natural Resources: Wildlife Management	9-12	None	Semester / .5
8016 AGR	Natural Resources: Parks and Recreation	9-12	None	Semester / .5
8027 AGR	Natural Resources: Forests and Trails	10-12	None	Semester / .5
8020 AGR 8021 AGR	Biological Engineering and Environmental Sustainability (ES) – Project Lead The Way	9-12	None	Year / 1.0
See Page 15 for more information	AP Environmental Science Sustainability Career Academy • AP Environmental Science • Global Food and Sustainability (Elective credit)	11-12		Year / 2 .0
5837 YAP	Agriculture Work Based Learning / Youth Apprenticeship	11-12	See page 26 for more information	
5839 YAP	Veterinary Work Based Learning / Youth Apprenticeship	11-12	See page 26 for more information	

Click the ▶ to see a video from Sun Prairie teachers talking about the course

INVESTIGATING ANIMALS, PLANTS, FOOD, AND NATURAL RESOURCES ▶
Course 8019AGR
Elective Course
.5 credits
Semester Course

This class will take a field trip to visit one large animal event such as World Dairy Expo, or Midwest Horse Fair. Pending the semester, students work with the DNR on field experiences.

This introductory course is a great opportunity to investigate how animals, plants, food, and natural resources affect the world around you, integrate into your life, and explore career options. In this project based, hands-on lab course, you will experience all aspects of agriculture and is a perfect starting point for exploring the unique subjects offered in our department. If you are considering a future working outside in our state parks, learn to grow an herb garden for the perfect cup of tea, or discover the next best food, this course is perfect for you!

COMPANION ANIMAL SCIENCE ▶
Course 8046AGR
Elective Course
.5 credits

Students who are interested in companion animal handling and care and/or interested in a career in animal science should consider this course. Animal care and safety including handling, training, grooming, nutritional needs, and general care will be discussed and demonstrated with classroom and personal pets. Animals covered will include dogs, cats, rabbits, guinea pigs, hamsters, exotics, and many various other companion animals. Students will have the opportunity to bring their pets into the classroom for presentation and demonstration purposes. Students will create a care and management guide for an animal of their choice that will be beneficial to them in their future ownership of animals.

LARGE ANIMAL SCIENCE ▶
Course 8002AGR
Elective Course
.5 credits

This class will take a field trip to visit one major large animal event such as World Dairy Expo or Midwest Horse Fair/farm tour.

Interested in learning how livestock are raised and where your animal-based food products come from? This course is for students interested in our production animals including beef, dairy, sheep, swine, and chickens. Other topics will include horses as companions, food and fiber production, and careers in animal science and veterinary science industries. We will study animal welfare, handling, care, management, nutrition, and safety as well as the food and fiber products that come from our animals. Hands - on labs will include making and evaluating food products such as butter, cheese, ground beef, as well as hatching baby chicks and handling livestock and horses.

VETERINARY SCIENCE (TC) ▶
Course 8023AGR, 8024AGR
Elective Course
1.0 credit
Recommended: Large Animal Science and/or Companion Animal Science
Note: Dual Credit may be offered
Note: UW-Madison Animal Science Placement Test*

This class will take a field trip to visit the World Dairy Expo, Midwest Horse Fair, and farms for physical exams, blood draws, etc. Additonally, they will visit veterinary clinics and local secondary schools.

This advanced level Animal Science course is designed for students who are seriously considering careers in veterinary medicine, lab animal or veterinary technician programs, or plan to be working in animal production facilities in the future. Students will develop greater skills based on the knowledge gained in Companion Animal Science and Large Animal Science, with an emphasis on animal systems including skeletal, muscular, reproductive, digestive, respiratory, and neurological terminology and physiology. Labs will include dissections of lung, heart, liver, and reproductive organs. Practical applications will include animal restraint, suturing, bandaging, injections, reproductive and nutritional management, and disease and parasite control.

When taught by a certified college trained teacher and with successful completion of the course, the student can receive up to 3 college credits. Dual credit is for Juniors and Seniors only. Dual credit is not guaranteed each year.

Students may pay to take the UW-Madison placement exam for Animal Science. When taught by a certified teacher and upon successful completion of the exam, UW-Madison credit will be awarded. Dual credit is for Juniors and Seniors only. Dual credit is not guaranteed each year.
Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

VETERINARY WORK BASED LEARNING / YOUTH APPRENTICESHIP
Course: 5839YAP

The animal care industry covers a large span of animal care ranging from working with animals in a kennel setting to working in a veterinarian office to working with herd management. Units in this apprenticeship program include small animal vet, dairy, or animal herd.

Students requesting a Work Based Learning / Youth

PLANT PRODUCTION AND LANDSCAPE DESIGN ▶
Course 8010AGR
Elective Course
.5 credits

Plant Production and Landscape Design explores how plants are used in our landscapes, environment, and floral designs. We will be in the greenhouse most days starting all of our plants from seed, exploring the germination process, and growing all plants for the annual greenhouse sale. Plant germination, propagation, identification, design arrangement, and marketing are the main focuses of this course. Hands - on labs will include growing all plants, creating flower vase arrangements, designing personal or community-based landscapes, testing soil and water quality, and managing the economic sale of plants from start to finish. This course is for any student who enjoys 70 degree temperatures, expressing creativity and artistic viewpoints, and getting their hands dirty every day.

GREENHOUSE MANAGEMENT AND HORTICULTURE PRODUCTION (TC) ▶
Course 8014AGR
Elective Course
.5 credits
Recommended: Plant Production and Landscape Design
Note: Dual Credit may be offered

This course will build on the skills learned in Plant Production and Landscape Design. Our primary goal is to expand each student's working knowledge regarding soils and soil media, fertilization requirements for various plants and growing conditions necessary to obtain desired results with ornamental and food producing grasses, leafy plants, trees, and shrubs. Labs will include tree pruning and care, mixing and testing soil and soil less media, asexual propagation, and urban plant production. We will also study cost and return analysis in the plant science industry and learn the techniques used in floriculture while developing and managing a greenhouse plant sale.

When taught by a certified college trained teacher and with successful completion of the course, the student can receive up to 3 college credits. Dual credit is for Juniors and Seniors only. Dual credit is not guaranteed each year.

LEADERSHIP IN AGRICULTURAL CAREERS ▶
Course 8003AGR
Elective Course
.5 credits

In this leadership focused class, you will explore communication, speaking, and employment skills which will help you obtain an agricultural career or a career in any field of study your future brings. This course will help you discover your personality strengths that empower you, navigate conversations in a professional setting, and prepare you to walk into any business and land the job. We will also study the many opportunities in agriculture within the realm of business and marketing. The parliamentary procedure unit will result in you being able to effectively run a professional meeting. Leadership in Agricultural Careers prepares you to be the confident leader in your future.

FOOD SCIENCE ▶
Course 8028AGR
Elective Course
.5 credits

Have you ever wondered how wheat becomes sourdough bread? Or how new food products are developed? The food processing industry employs more people in the U.S. than there are farmers, and food science becomes more and more important as our population grows. In this hands-on course, we will learn about creating food products, explore raw ingredients, and navigate the diversity of processed foods. This lab intensive course will have you engaged in making products and adjusting variables to develop new foods! We will explore the principles of food processing and preservation, food handling and safety, wholesale and retail eggs, meats, dairy, breads, fruits, and vegetables as well as practical methods of simple food preservation and fermentation.

FOOD SCIENCE ADVANCED PRODUCT DEVELOPMENT ▶
Course 8029AGR
Elective Course
.5 credits
Prerequisite: Food Science

If you have ever wanted to explore the career of being a food scientist this is an excellent course for you. You will be working on individualized projects, researching and developing foods you would want to eat. This lab-based advanced product development course will allow you to dive deeper into how new food products are developed, tested and marketed with the end goals of developing multiple new products of your own. It will involve researching, designing, taste testing, making improvements, and designing the marketing of new products.

NATURAL RESOURCES: WILDLIFE MANAGEMENT ▶
Course 8009AGR
Elective Course
.5 credits
Semester Course

Students work with DNR professionals for field experiences.

If you enjoy learning about the outdoors and the wildlife around us, then this class is for you! This hands-on course will provide adventurous students an opportunity to complete three state DNR certifications including Trapper, Bow, and Hunter Education. Additionally, we will explore local wildlife, how to track them, taxidermy, and fishing in Wisconsin. All students enrolled in the class attend a one-day field experience program that is designed for students to personally demonstrate mastery of course skills. Students desiring to receive state certifications will need to successfully complete all field day competencies, pass each state certification test, and pay for each certification. Certification costs are estimated to be in the range of $10-$12 per certification.

NATURAL RESOURCES: PARKS AND RECREATION ▶
Course 8016AGR
Elective Course
.5 credits

Students work with DNR professionals for field experiences.

How many National Parks can you name? How did the National Park Service develop and who takes care of the National and State Forests? How can you use the public parks in our area? These are just a few of the questions that will be answered in this class. Students who have an interest in outdoor recreation, protecting unique environmental areas, or entering careers in Natural Resources will benefit from this course. Units of study will include history of our park and forest service, skills that rangers and technicians need to handle current environmental challenges, and issues such as wildfires, floods, and environmental damage due to human interaction. Recreational activities and Wisconsin DNR Boater Safety are also included as units in this course. Students desiring to receive state certifications will need to successfully pass each state certification test, and pay for the specific certifications. Certification costs are estimated to be in the range of $10-$12 per certification.

NATURAL RESOURCES: FORESTS AND TRAILS ▶
Course 8027AGR
Elective
.5 credits

Students work with DNR professionals for field experiences.

Are you interested in a career in Natural Resources, Forestry, or Wildlife Management? Would you like to bike through mountain paths or kayak our waterways? Through this advanced course, we cover the career options within the Natural Resources Pathway and complete Wisconsin DNR ATV and Snowmobile Safety certifications. Units covered include forestry and chainsaw use and safety as well as exploring state and national trails with ATV's, snowmobiles, horses, bikes, and hiking. Students desiring to receive state certifications will need to successfully pass each state certification test, and pay for the specific certifications. Certification costs are estimated to be in the range of $10-$12 per certification.

AGRICULTURE WORK BASED LEARNING / YOUTH APPRENTICESHIP
Course: 5837YAP

The agriculture and natural resources industry offers a variety of potential worksite possibilities including farms, landscaping businesses, floral shops, and water treatment facilities. Units in this apprenticeship program include arborist / landscape, plant fundamentals, or environmental systems pathways.

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

BIOLOGICAL ENGINEERING AND ENVIRONMENTAL SUSTAINABILITY (ES) – PROJECT LEAD THE WAY ▶
Course 8020AGR, 8021AGR
Elective
1.0 credit
Note: Dual Credit may be offered*

This is a Biological Engineering course for students interested in ensuring the future of food, water and fuel. Labs will include genetically modifying foods and making bio fuels, this course will help you gain the skills and experiences necessary for success.

Biological Engineering and Environmental Sustainability is a high school-level specialization course in Project Lead The Way (PLTW) Engineering. In ES, students investigate and design solutions to solve real-world challenges related to clean drinking water, a stable food supply, and renewable energy. Students are introduced to environmental issues and use the engineering design process to research and design potential solutions. Utilizing the activity-, project-, and problem-based (APB) teaching and learning pedagogy, students transition from completing structured activities to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.

Through both individual and collaborative team activities, projects, and problems, students problem solve as they practice common design and scientific protocols such as project management, lab techniques, and peer review. Students develop skills in designing experiments, conducting research, executing technical skills, documenting design solutions according to accepted technical standards, and creating presentations to communicate solutions.

The course of study includes:
- Introduction to Environmental Sustainability
- Ensuring Safe and Abundant Water
- World Food Security
- Renewable Fuels

*College credit is dependent on school certification and passing the end-of-course assessment. Dual credit is for Junior and Senior students. Dual Credit is not guaranteed each year.

AP ENVIRONMENTAL SCIENCE SUSTAINABILITY CAREER ACADEMY ▶

Courses:

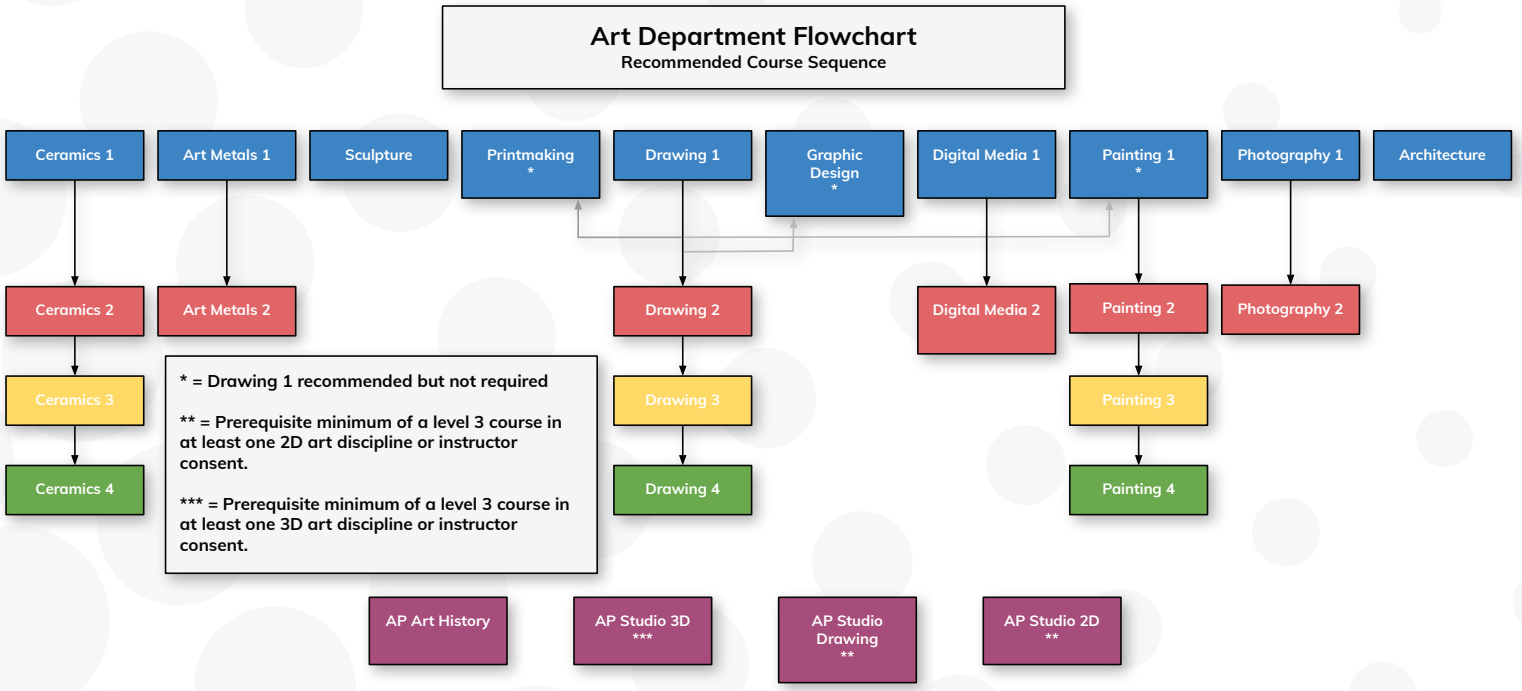
- ADVANCED PLACEMENT (AP) ENVIRONMENTAL SCIENCE
- GLOBAL FOOD & SUSTAINABILITY

See page 17 for more information

Why Study Art?

All students can benefit from art education. At Sun Prairie High Schools, we offer a wide variety of challenging art courses to help you discover, develop, and appreciate individual creative talents in the visual arts. Knowledge and experience of art and design is a vital part of a growing number of careers you may be interested in for your future. Art classes will:

- Allow learners to express themselves creatively.
- Promote individuality, bolster self-confidence, and improve overall academic performance.
- Help all students develop more appreciation and understanding of the world around them.
- Help students develop a sense of craftsmanship, quality task performance, and goal-setting skills needed to succeed in the classroom and beyond.
- Strengthen student problem-solving and critical thinking skills, adding to overall academic achievement and school success.



Art

Click each course title to see a video from the teachers talking about the course.

Course #	Title	Grades	Prerequisites	Length of Course/Credits Earned
7336 ART	Architecture	9-12	None	Semester / .5
7440 ART	Art Metals I	9-12 Recommended for 10th-12th	None	Semester / .5
7441 ART	Art Metals II	9-12	Art Metals I	Semester / .5
7355 ART	Printmaking	9-12	None	Semester / .5
7316 ART	Sculpture	9-12	None	Semester / .5
7315 ART	Ceramics I	9-12	None	Semester / .5
7317 ART	Ceramics II	9-12	Ceramics I	Semester / .5
7321 ART	Ceramics III	10-12	Ceramics II	Semester / .5
7322 ART	Ceramics IV	10-12	Ceramics III	Semester / .5
7325 ART	Drawing I	9-12	None	Semester / .5
7324 ART	Drawing II	9-12	Drawing I	Semester / .5
7332 ART	Drawing III	10-12	Drawing II	Semester / .5
7333 ART	Drawing IV	10-12	Drawing III	Semester / .5
7327 ART	Painting I	9-12	None	Semester / .5
7329 ART	Painting II	9-12	Painting I	Semester / .5
7342 ART	Painting III	10-12	Painting II	Semester / .5
7343 ART	Painting IV	10-12	Painting III	Semester / .5
7335 ART	Graphic Design	9-12	Any Level I art course: suggested Drawing I or Digital Media Art I	Semester / .5
7340 ART	Digital Media Art I	9-12	None	Semester / .5
7345 ART	Digital Media Art II	9-12	Digital Media Art I	Semester / .5
7350 ART	Photography I	9-12	None	Semester / .5
7351 ART	Photography II	9-12	Photography I	Semester / .5
7357 ART	Photography III	10-12	Photography II	Semester / .5
7312 ART 7313 ART	AP Studio Art Drawing	11-12	Minimum of a level 3 course in at least one art discipline or instructor consent.	Year / 1.0
7353 ART 7354 ART	AP 3-D Art and Design	10-12	Minimum of a level 3 course in at least one art discipline or instructor consent.	Year / 1.0
7310 ART 7311 ART	AP Studio Art 2D Design	11-12	Minimum of a level 3 course in at least one art discipline or instructor consent. Photography I and II recommended for those pursuing a photography-based portfolio	Year / 1.0
7308 ART 7309 ART	AP Art History	9-12	None	Year / 1.0

Click the ▶ to see a video from Sun Prairie teachers talking about the course

ARCHITECTURE ▶
Course 7336ART
Elective Course
.5 credits

Architecture and art is the focus of this semester. Students will focus on artistic skills such as drawing, shading, form, function, architectural terms, and model making. Architectural styles and the history of architecture will provide students a foundation to build upon. Students will develop their own personal style after experimenting with different types of media. Units include 2 pt. perspective, architectural styles, house plans and model making.

ART METALS I ▶
Course 7440ART
Elective Course
.5 credits
Recommended: Grades 10-12

In Art Metals I, students learn to design and make various projects using copper, brass, and nickel. Students can design the projects freehand or with a computer. Projects may include basic metal work techniques such as piercing, sawing, soldering, riveting, and wire wrapping. Students will have the opportunity to make both wearable and sculptural pieces of art.

ART METALS II ▶
Course 7441ART
Elective Course
.5 credits

Art Metals II is designed for students who have taken Art Metals 1 and want to complete advanced design prompts and learn additional metalworking techniques. Students will learn how to enamel, set a stone, and create more complex soldering projects in addition to continuing to practice many of the skills learned in Art Metals I. Students will consider the relationship between form and function, and higher level design thinking will be encouraged, such as designing multiple pieces around a common theme.

PRINTMAKING ▶
Course 7355ART
Elective Course
.5 credit

Students will learn the basics of image design and reproduction using the relief cut, silkscreen, and collagraph printmaking processes. In each unit, they will practice the design process of researching, planning, creating, reflecting, and presenting their artwork in a studio classroom setting. They will work collaboratively to reflect on their own artwork as well as provide feedback to other students in the studio. Students will incorporate their own personal history and inspirations to create multiple unique works of art and design.

SCULPTURE ▶
Course 7316ART
Elective Course
.5 credits

Sculpture class is designed for the student that loves to create with their hands or who would like to explore many of the different mediums available to create 3-dimensional artwork. During the semester students will experience creating both additive and subtractive sculptures, and will have the opportunity to create sculptural installations that will be displayed somewhere in the school. Students will use a variety of mediums, which may include paper, glass, wool, recycled items, foam board, and clay to create their art.

CERAMICS I ▶
Course 7315ART
Elective Course
.5 credits

Ceramics 1 is a class for students interested in creating 3D artwork using clay. Throughout the semester, students will learn and practice a variety of clay building methods such as: coil building, slab building, hand building, and wheel throwing. Students will learn and apply a variety of glazing and surface design techniques to each of their projects. In each project, students will practice the design process of researching, planning, creating, reflecting, and presenting in a studio classroom setting.

CERAMICS II ▶
Course 7317ART
Elective Course
.5 credits
Prerequisite: Ceramics I

Ceramics II is a course that is designed for students who have already taken Ceramics I and are interested in furthering their knowledge and skills in Ceramics. Students will apply and refine their previously learned skills from Ceramics I as well as new skills and techniques. In each project, students will practice the design process of researching, planning, creating, reflecting, and presenting in a studio classroom setting. Students will research and study the processes and styles of various ceramics artists throughout the semester, and will use this research to refine their own practices. Students will create both functional and sculptural works throughout the semester using the pottery wheel and hand sculpting methods.

CERAMICS III ▶
Course 7321ART
Elective Course
.5 credits
Prerequisite: Ceramics II

In Ceramics III, students interested in continuing to advance their clay building skills will use and apply the elements and principles of design to create a portfolio of ceramic works that showcase their skills and interests. In each project, students will research, plan, create, reflect, and present their work. Students will have the freedom to self-select project ideas and processes.

CERAMICS IV ▶
Course 7322ART
Elective Course
.5 credits
Prerequisite: Ceramics III

Ceramics IV is designed for advanced ceramic students who are self-motivated and interested in planning and creating a focused portfolio of ceramic works that showcase their individual style. Students will be creating both functional and conceptual work using a variety of clay techniques. Students will further their skills in wheel throwing, hand building, sculpture, slab building, and coil building. In each project, students will research, plan, create, reflect, and present their work. Students will have the freedom to self-select themes and project ideas.

DRAWING I ▶
Course 7325ART
Elective Course
.5 credits

Students will use drawing to express themselves. Drawing is the basic language that an artist uses in order to create any work of art whether it be painting or making jewelry. This class encourages the student to accurately see and record objects as seen from real life. Basic value and shading techniques are taught through a variety of media such as graphite and pastels. Students will have the opportunity to self-select media and will have many personal choices when solving given problems. Drawing I offers beginning students the opportunity to learn the fundamentals of drawing.

DRAWING II ▶
Course 7324ART
Elective Course
.5 credits
Prerequisite: Drawing I

Students who are interested in illustration or advancing their general drawing skills should take this course. Students will apply unique, individual and advanced visual design techniques. Students will use accurate scientific information, advanced observation skills and a high level of detail to create sophisticated artworks. Students will use their own talents and interests as a guide. Students will experiment with diverse media and techniques.

DRAWING III ▶
Course 7332ART
Elective Course
.5 credits

Drawing III is designed for advanced artists who have completed both Drawing I & II. In this course, students will be creating a focused set of Drawings using a variety of media. Students will further their skills in traditional and nontraditional media and techniques. Artists will compile a portfolio of these focused drawings they have created throughout the semester.

DRAWING IV ▶
Course 7333ART
Elective Course
.5 credits
Prerequisite: Drawing III

Drawing IV is an advanced class for artists who have completed Drawing I-III. In Drawing IV students will further explore a wide variety of media, traditional and nontraditional. Over the semester, students will choose a definite focus for their artwork. They will explore this focus through a sustained investigation of a particular subject matter, media, or concept. This course may also be used to follow a specific portfolio application guideline for post-secondary art study. The instructor will guide and support the application process.

PAINTING I ▶
Course 7327ART
Elective Course
.5 credits

In Painting I, students will learn the basics of Color Theory and painting using acrylic paint, watercolor paint, and ink. In each painting students will practice the design process of researching, planning, creating, reflecting, and presenting their artwork in a studio classroom setting. Students will work collaboratively to reflect on their own artwork as well as provide feedback to other students in the studio. Students will research and study the history of painting as well as contemporary painters throughout the semester. Students will use this knowledge and their own personal history and inspirations to create their own unique works of art.

PAINTING II ▶
Course 7329ART
Elective Course
.5 credits
Prerequisite: Painting I

In Painting II, students will apply and refine their previously learned skills from Painting I as well as new skills and techniques of painting using watercolor, and acrylic paint. Students will use and apply the elements and principles of design to create a portfolio of original, meaningful paintings. In each painting, they will practice the design process of researching, planning, creating, reflecting, and presenting their artwork in a studio classroom setting. Students will work collaboratively to reflect on their own artwork as well as provide feedback to other students in the studio. They will learn and practice the process of stretching canvas and watercolor paper. Students will research and study the processes and styles of various painters throughout the semester and will use this research to refine their own practices. They will use their research, techniques learned in class, independently learned techniques, and their own personal history and inspirations to create their own unique works of art.

PAINTING III ▶
Course 7342ART
Elective Course
.5 credits
Prerequisite: Painting II

In Painting III, students interested in continuing to advance their painting skills will use and apply the elements and principles of design to create a portfolio of paintings which showcase their skills and interests. In each painting, students will research, plan, create, reflect, and present their work. Students will have the freedom to self-select media and project ideas.

PAINTING IV ▶
Course 7343ART
Elective Course
.5 credits
Prerequisite: Painting III

This course is designed for advanced painting students who are self-motivated and interested in planning and creating a focused portfolio of paintings which showcase their own individual style. In each painting, students will research, plan, create, reflect, and present their artwork. Students will have the freedom to self-select media and project ideas.

GRAPHIC DESIGN ▶
Course 7335ART
Elective Course
.5 credits
Prerequisite: Any Level I Art Course; It is recommended students take Drawing I or Digital Media Art I prior to enrolling in Graphic Design.

Graphic Design introduces students to art in the field of design and the selling of ideas and products. Students will solve specific design problems and use a variety of media to communicate a visual message. Students will create personal and professional looking designs through the use of graphics and other forms of imagery as well as solve real life problems acting as graphic designers. Students will learn how to create appealing compositions using both 2D media and digital media. Adobe Illustrator CC will be utilized throughout the semester to create a variety of designs.

DIGITAL MEDIA ART I ▶
Course 7340ART
Elective Course
.5 credit
Semester Course

Are you technologically inclined or want to learn more about how computers can be used for art and design? Digital Media Art is your opportunity to learn Adobe Photoshop and Illustrator, two professional-level programs used for photography, graphic/web design, marketing, and a multitude of other careers or personal use. Students will learn the fundamentals of working with digital images, layering, editing and composing eye catching designs. Merge your technical and creative sides in this useful and fun technology/art class.

DIGITAL MEDIA ART II ▶
Course 7345ART
Elective Course
.5 credits
Prerequisite: Digital Media Art I

Students interested in continuing to advance their digital art skills will use and apply the elements and principles of design to create a portfolio of digital designs which showcase their skills and interests. Students will solve specific design problems and use a variety of media to communicate a visual message. They will create personal and professional looking designs through the use of graphics and other forms of imagery as well as solve real life problems. Students will learn how to create appealing compositions using both 2D media and digital media. Adobe Photoshop and Illustrator CC will be utilized throughout the semester to create a variety of artwork and designs.

PHOTOGRAPHY I ▶
Course 7350ART
Elective Course
.5 credits

In Photography I, students explore the art of visual communication and ways to use photography as a fine art design element. Students are taught how to correctly and effectively use a digital camera as well as cellphones in order to take quality photographs. Picture taking will be in the classroom and on the high school grounds. Students are taught composition strategies, photo editing through Adobe Photoshop, and about the history and evolution of photography in Art. This class is a balance of opportunities for creative expression and building technical skills for taking, editing, and printing effective photos. Students will deepen the creative aspects of their camera work and develop portfolio-ready pieces. Students are encouraged to bring their own cameras or cellphones that take high resolution photos, but will have DSLR cameras available for use in class.

PHOTOGRAPHY II ▶
Course 7351ART
Elective Course
.5 credits
Prerequisite: Photography I

Students that have successfully completed Photography 1 can enroll in Photography 2. Photography 2 will build on the fundamentals learned in Photography 1 and will learn advanced techniques and processes in creating digital images that explore career and art photography. Students will work in a much more independent manner as they explore their own ideas within the guidelines of challenge based projects that will give more depth and incite into the emerging practices of photography. Students will use photoshop to edit and enhance their images for final completion and show.

PHOTOGRAPHY III ▶
Course 7357ART
Elective Course
.5 credits
Prerequisite: Photography II

Photography III is designed for advanced artists who have completed both Photography I & II. In this course, students will be exploring their personal aesthetic and compiling a portfolio of photographs. Students will further their skills in technical aspects of photography as well as composition and editing techniques, using Adobe Photoshop and Lightroom. Picture taking will be in the classroom and on the high school grounds. This class is a balance of opportunities for creative expression and building technical skills.

ADVANCED PLACEMENT (AP) STUDIO ART DRAWING ▶
Course 7312ART, 7313ART
Elective Course
1.0 credit
Prerequisite: Minimum of a level 3 course in at least one art discipline or instructor consent..

This section is for students who work in drawing (not computer-aided) and painting.

AP Studio Art is designed primarily for the advanced level art student who is preparing a portfolio for art school admission requirements, scholarships, and possible Advanced Placement credit. Every student is required to create and compile a portfolio based on the Advanced Placement guidelines for Studio Art. Students opting to send in the portfolio will have the added AP exam fee. Portfolio compilation occurs during AP exam week in May. Students need to be self-motivated, conscientious, and be capable of producing artwork under strict timelines. During the year-long course, students will develop a body of work based on a concept or focus of their choice. A total of 15 works will then be compiled and sent to the College Board for review. Successful portfolios will receive college credit. Students need to have successfully passed two additional art courses and have the recommendation of an art teacher to register for the course.

ADVANCED PLACEMENT (AP) 3-D ART AND DESIGN ▶
Course 7353ART, 7354ART
Elective Course
1.0 credit
Prerequisite: Minimum of a level 3 course in at least one art discipline or instructor consent

In this class, students will create a portfolio of 3-D art work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios will include works of art and design, process documentation, and written information about the work presented. In May, students who wish to earn AP credit will submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions.

ADVANCED PLACEMENT (AP) STUDIO ART - 2D DESIGN ▶
Course 7310ART, 7311ART
Elective Course
1.0 credit
Prerequisite: Minimum of a level 3 course in at least one art discipline or instructor consent. Photography I and II recommended for those pursuing a photography based portfolio

This section is for students who do computer –aided drawing and Photography.

AP Studio Art is designed primarily for the advanced level art student who is preparing a portfolio for art school admission requirements, scholarships, and possible Advanced Placement credit. Every student is required to create and compile a portfolio based on the Advanced Placement guidelines for Studio Art. Students opting to send in the portfolio will have the added AP exam fee. Portfolio compilation occurs during AP exam week in May. Students need to be self-motivated, conscientious, and be capable of producing artwork under strict timelines. The 2-D Design students will work in either computer-aided graphics programs or photography. During the year-long course, students will develop a body of work based on a concept or focus of their choice. A total of 15 works will then be compiled and sent to the College Board for review. Successful portfolios will receive college credit. Students need to have successfully passed two additional art courses and have the recommendation of an art teacher to register for the course.

ADVANCED PLACEMENT (AP) ART HISTORY ▶
Course 7308ART, 7309ART
Elective Course
1.0 credit

AP Art History is designed to provide the same benefits to secondary school students as those provided by an introductory college course in art history: an understanding and enjoyment of architecture, sculpture, painting, and other art forms within historical and cultural contexts. Students will be challenged to look at works of art critically, with intelligence and sensitivity, and to articulate what they see or experience. No prior exposure to art history is required. However, students who have done well in other courses in the humanities, such as history and literature, or in any of the studio arts are especially encouraged to enroll. This course is intended for students who plan to take the College Board AP Art History Exam in May.

What is AVID?

Students newly enrolling in AVID follow an application/interview process. Students currently enrolled in AVID 8, 9, 10, or 11 will work with their current AVID teacher to register for next year. The following description is for information only:

Advancement Via Individual Determination (AVID) is a college readiness system that includes three components:

1. An AVID Elective course for students in the academic middle and/or who are part of a racial, cultural, or economic group historically underrepresented in colleges and universities, in grades 7-12;
2. AVID Schoolwide, which ensures every student has access to key strategies to help them become college, career, and community ready;
3. The highest quality training and resources to support all school staff.

The AVID Elective is an academic elective course that provides students with the tools, strategies, support, and encouragement necessary to succeed in challenging courses while in middle and high school, helping to ensure a successful transition into college. AVID is scheduled during the regular school day as a year-long course. Each week, students receive instruction that utilizes a rigorous, college-preparatory curriculum, tutor-facilitated study groups, motivational lessons, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth. Additionally, students engage in activities centered around exploring college and career opportunities, such as visiting college campuses as well as welcoming business and community leaders as guest speakers. AVID students are motivated to learn and succeed. They aspire to do well in college and want preparation, while in the Sun Prairie Schools, that can make this dream a reality.

Schools recruit students, who are in the academic middle and/or are part of a racial, cultural, or economic group historically underrepresented in colleges and universities, to apply for a seat in the AVID Elective. Students may enroll in AVID following a comprehensive application and screening process that includes an analysis of past academic performance (standardized assessments and course grades) to determine eligibility, a written student application, and an interview. Students may start in the AVID Elective as early as 7th grade and continue the program each year until high school graduation. Students can also enter the AVID program in grades 8, 9, or 10.

Students and families/caregivers interested in AVID should contact their school counselor, the AVID building coordinator, or the AVID district coordinator, Katie Janssen at kmjanss@sunprairieschools.org.

Click here: ▶ to watch a video introducing this program.

AVID 9
Course: 0102ELEa, 0102ELEb
Elective Course
1.0 Credit

This class will take a field trip to visit a college for admissions presentations and tours.

The 9th grade AVID Elective course serves as a review of the AVID philosophy and strategies as some students will have previous experience with AVID in the middle school grades, and some students will be experiencing AVID for the first time. During the AVID 9, students will work on their academic and personal goals and communication skills. They will increase their awareness of their personal contributions to their learning, and their involvement in the school and community. Students will adapt to the increased rigor of high school, and use AVID strategies to refine their time management and study skills accordingly. Students will work in collaborative settings, learn how to participate in collaborative discussions and use sources to support their ideas and opinions. AVID students will prepare for and participate in college entrance and placement exams (ACT Aspire), as well as continue to narrow down college and careers of interest.

AVID 10
Course: 0103ELEa, 0103ELEb
Elective Course
1.0 Credit

This class will take a field trip to visit a college for admissions presentations and tours.

During the 10th grade AVID Elective course, students will continue to refine their use of AVID strategies and adjust their academic learning plans and goals. As students adapt to the increased rigor of high school, they will also refine their time management and study skills accordingly. Students will also expand their writing skills to include analyzing prompts, supporting arguments, and claims as well as writing detailed reflections. Students will participate in collaborative discussions while developing leadership skills in those settings, as well as focus on strategies to understand complex texts. AVID students continue to prepare for college entrance exams (ACT Aspire), as well as narrow down their college and careers of interest, based on personal interests and goals.

AVID 11
Course: 0104ELEa, 0104ELEb
Elective Course
1.0 Credit

This class will take a field trip to visit a college for admissions presentations and tours.

During the 11th grade AVID Elective course, students will begin to focus on the writing and critical thinking skills expected of first and second year college students. Students will continue to refine the foundational AVID strategies (Notes! Organization! Tutorials!), and develop the strategies necessary to apply them to more advanced reading, writing, and speaking contexts. This year, students will participate in college-bound activities, methodologies, and tasks, create a “College Crate”, and work to confirm their post-secondary plans as students get ready to apply to four-year universities. AVID students also prepare for the PSAT and ACT college entrance exams.

AVID 12
Course: 0105ELEa, 0105ELEb
Elective Course
1.0 Credit

During the 12th grade AVID elective course, students will continue to focus on the writing and critical thinking skills expected of first and second year college students. In the final year of AVID, this course will have more of a “senior seminar” feel to it (including tutorials), so that students may work in a setting similar to what they'll experience next year in college. Students will support each other as they gather letters of recommendation, complete college applications, and research/apply for LOTS of scholarships, all while working through the rigor of their senior year courses. Students should expect to work harder than they ever have before, but also know that their senior year is going to be the best one yet. The hard work they put in will all be worth it when they receive their college acceptance letter(s)!

PAID AVID ACADEMIC COACHING
Course: 0000YAP

Academic coaching is one of the best ways to both give back to your student body and also contribute to the growth of students. Paid AVID Academic Coaching is designed to allow high school juniors and seniors to apply to serve as AVID Coaches for the AVID 9 Elective classes as well as the AVID 7 and 8 Elective classes at our middle schools. AVID Coaches are not required to be part of the AVID program.

Why Study Business or Marketing?

What can Business and/or Marketing do for you? Employers are continuously looking for conscientious, well-qualified, highly trained employees in the business world. Career opportunities with unlimited possibilities for advancement exist in Accounting, Information Technology, Management, Administrative and Marketing fields.

Our mission is to prepare students for college, business and/or marketing careers and to prepare students to become familiar with the business environment in our ever changing global economy. Business Education focuses on those aspects of business that affect every member of society. Our classes focus on many aspects of business whether you are attending post-secondary learning, working in business, or wanting to start your own business. Our curriculum also prepares students with the skills required to be successful in a variety of business entities.

The Business and Information Technology and Marketing Departments of Sun Prairie High Schools are organized to contribute to the education of students in four ways:

- Preparation for college
- Specific career education
- General education about the world of business and marketing
- Real-life scenarios with opportunities to work in the area/field of choice

Finance Courses	**Accounting 1 → Accounting 2**	**Personal Finance**
	Courses must be taken in sequential order	No prerequisites

Marketing Courses	**Marketing Principles**	**Entrepreneurship and Management**	**Sports, Entertainment and Tourism Marketing Academy**
	No prerequisites	No prerequisites	Prerequiseites: Marketing Principles Capstone Experience

Business Courses	**Introduction to Business and Marketing**	**Business Communications**	**Business and Consumer Law**	**Career Workshop**	**Business Leadership Academy**
	No prerequisites	No prerequisites	No prerequisites	No prerequisites	No prerequisites Capstone Experience

Information Technology Courses	**Computer Applications: Processing**	**Computer Applications: Data**	**IT Essentials**	**Business and Information Technology**
	No prerequisites	No prerequisites	No prerequisites	No prerequisites

Click each course title to see a video from the teachers talking about the course.

Course #	Title	Grades	Prerequisites	Length of Course/Credits Earned
6341BUS	Career Workshop	10-12	None	.Semester / .5
6351 BUS	Personal Finance	9-12	None	Semester / .5
6300 BUS	Business Communications	9-12	None	Semester / .5
6325 BUS	Introduction to Business and Marketing	9-12	None	Semester / .5
6476 BUS	Entrepreneurship and Management	9-12	None	Semester / .5
6443 BUS	Business and Consumer Law	9-12	None	Semester / .5
6311 BUS	Computer Applications: Processing	9-12	None	Semester / .5
6326BUS	Computer Game Development	9-12	None	Semester / .5
6421 BUS 6422 BUS	Accounting I	10-12	None	Year / 1.0
6431 BUS 6432 BUS	Accounting II	11-12	Accounting I	Year / 1.0
6461 BUS 6462 BUS	Marketing Principles	9-12	None	Year / 1.0
See Page 18 for more information	Business Leadership Academy • Business Fundamentals • English 11 or 12	11-12	None *Note: This course is a capstone experience*	Year / 2.0
See Page 19 for more information	Sports, Entertainment & Tourism Marketing Academy * • Marketing Management: Hospitality & Tourism • Sports & Entertainment Marketing • English 11 or 12	11-12	Marketing Principles *Note: This course is a capstone experience*	Year / 2.0
5845YAP	Finance / Accounting Work Based Learning / Youth Apprenticeship	11-12	See page 26 for more information	
6381YAP	Marketing Work Based Learning / Youth Apprenticeship	11-12	See page 26 for more information	

Click the ▶ to see a video from Sun Prairie teachers talking about the course

CAREER WORKSHOP ▶
Course 6341BUS
Elective Course
.5 credits

Career Workshop is a course that will help students identify and refine interpersonal skills and values that lead to success in the world of work. This course will help students understand the expectations and professionalism demanded in the job marketplace, and develop job acquisition skills needed for employment. Students will explore career options and develop a personal career plan and portfolio. This is an excellent way for students to help prepare themselves for life after high school.

PERSONAL FINANCE ▶
Course 6351BUS
Elective Course
.5 credits

Students will take a field trip to the Finance and Investment Challenge Bowl.

Personal Finance prepares students for the challenges of successfully managing their personal finances. Students analyze their beliefs, knowledge, and decision in relation to savings plans, spending, credit, financial institutions, living arrangements, purchasing a car, investment and insurance. This course will challenge students to think analytically and develop their own personal finance plan.

BUSINESS COMMUNICATIONS ▶
Course 6300BUS
Elective Course
.5 credits

This introductory course will teach students to communicate in a clear, courteous, concise, complete and correct manner on both personal and professional levels. Competency will be developed in oral, written, interpersonal, technological, and employment communication. Listening skills will be incorporated throughout the semester. The overriding goal is to provide students with a solid communication base, so they are able to communicate effectively. Class content includes many hands-on projects.

This course is also helpful for students to understand procedures/policies of all businesses, so they are better prepared to enter the workforce or continue their career path in the business field. This course provides basic business/ working knowledge for any student that will work in our global economy.

INTRODUCTION TO BUSINESS AND MARKETING ▶
Course 6325BUS
Elective Course
.5 credits

This course is designed to help students explore various business and marketing concepts and understand the role business plays in our economy. Units include: what businesses do, how they function, how goods and services are produced, the marketing concept, and consumer decision-making. This course is project based and students will develop and create different products and businesses within the classroom.

ENTREPRENEURSHIP AND MANAGEMENT (TC) ▶
Course 6476BUS
Elective Course
.5 credits
Dual Credit may be offered for up to 3 college credits

Being your own boss, owning your own business; these are the foundations of the American Dream. This class provides students with the opportunity to make that happen. Students will gain an understanding of what goes on “behind the scenes” before a business opens its doors for the first time by completing two projects.

Students will create their own “business” and experience the steps taken when creating a business plan. Students will learn about obtaining financing, meeting the needs of a market, selecting a location, hiring, and managing a workforce.

When taught by a Madison College trained teacher and with successful completion of the course, the student can receive Madison College credit. Dual Credit is for Juniors and Seniors. Dual Credit is not guaranteed each year.

BUSINESS AND CONSUMER LAW ▶
Course 6443BUS
Elective Course
.5 credits

This class will take a field trip to the Dane County Courthouse and Law Firms.

Students study the underlying legal concepts that personal and business law are based on to understand the importance of the law in general. They then become familiar with relevant specific laws, and explore the applications of law both in business situations and in more familiar personal transactions. Discussion of current law-related events in the news makes the subject relevant to everyday life. Business ethics is also addressed. Students may have the opportunity to hear guest speakers, be involved in a mock trial in class, and take field trips to Sun Prairie Municipal Court, Dane County Circuit and/or Federal District Courts.

The course content emphasizes contracts and other legal issues as they relate to the world of business. Contracts, product liability, warranties, negotiable instruments, and secured transactions are covered. Students also study personal legal issues such as renting, buying a house, getting married, and the importance of making a will.

Students interested in an in-depth study of the history of criminal, civil, and constitutional law should enroll in Legal Studies, a course offered by the Social Studies Department. Because the course contents are different, students may enroll in and receive credit for both courses. Students who are interested in law should consider taking both courses some time during their high school career.

COMPUTER APPLICATIONS: PROCESSING ▶
Course 6311BUS
Elective Course
.5 credits
Note: Dual Credit may be offered for up to 3 college credits

Computer Applications: Processing is a 21st Century class designed to help all students. Students in Computer Applications: Processing will learn the necessary skills to excel in high school, postsecondary education, and in the professional world. Students will learn how to navigate the many features and functions of Microsoft Word, Excel, PowerPoint, and various Web based programs. Upon completion of Computer Applications: Processing, students will be better prepared to meet the expectations of high school curricular expectations and business needs.

When taught by a certified Madison College trained teacher, the curriculum will be aligned with Madison College and may offer the option for advanced standing or transcripted credit and/or Microsoft Office certifications. Dual credit is for sophomores, juniors, and seniors. Dual Credit is not guaranteed each year.

COMPUTER GAME DEVELOPMENT ▶
Course 6326BUS
Elective Course
.5 credit
Semester Course

Ready to design your very own game? Want to see how your favorite games are made? Computer Game Development introduces students to the challenges of game developers and software engineers with project-based learning tasks. It offers unique, easy-to-follow material to actually write code and develop original computer games! You will soon be able to play and share your very own games on your own website! Very quickly, students will begin to build real working games. The semester will involve developing multiple working computer games with increasing levels of complexity. Students will be impressed by seeing results right away while learning and applying the math and physics concepts used in game development, how the engineering cycle is used to design games, the components of a good game, color theory used in game design, how to create sprites and animation, and so much more. Come be a part of the future of technology!

ACCOUNTING I ▶
Course 6421BUS, 6422BUS
Elective Course
1.0 credit
Note: Dual Credit may be offered for up to 4 college credits

This class will take a field trip to visit Madison College and various accounting firms.

The principles of recording business transactions, preparing financial statements, and keeping records of small businesses, partnerships, and corporations are covered. Many opportunities exist in accounting and related fields, particularly in computers. Accounting is the language of business and is highly regarded in the business world.

This class is strongly recommended for students planning to pursue a degree in any area of business (marketing, sales, finance, management, owning your own business, etc.) There is tremendous value to taking a year or two of accounting while in high school.

When taught by a certified Madison College trained teacher and with successful completion of the course (passing the required exam), the student can receive Madison College credit. Dual Credit is available only to juniors and seniors. Dual Credit is not guaranteed each year.

ACCOUNTING II ▶
Course 6431BUS, 6432BUS
Elective Course
1.0 credit
Prerequisite: Accounting I

Further refinement of the knowledge and skills attained in Accounting I. This second-year course continues with the Accounting process and builds accounting knowledge for college accounting classes. Departmentalized, corporation, management, and cost accounting are studied, as well as general accounting adjustments and other accounting systems. Managerial accounting will also be learned.

FINANCE / ACCOUNTING WORK BASED LEARNING / YOUTH APPRENTICESHIP
Course:5845YAP

The finance industry offers a variety of potential worksite possibilities including accounting departments, financial institutions (including banks and credit unions), and insurance companies. Due to expanding operations offering a wider range of services, the financial industry must attract qualified employees to meet customers' needs. Units in this program include finance, banking, or insurance pathways.

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

MARKETING PRINCIPLES ▶
Course 6461BUS, 6462BUS
Elective Course
1.0 credit
Note: Dual Credit may be offered for up to 3 college credits

Do you ever wonder why companies use different advertising campaigns, or why products are continually changed or adapted? Then this is the class for you. This class teaches students the fundamentals of marketing in our society. As one third of all careers incorporate some aspect of marketing, this course will be invaluable to the future success of its students. Students will become familiar with the six clusters of marketing, marketing strategy, understanding consumer behavior and developing a product for the marketplace. Special emphasis will be placed on sales, promotion, and advertising. This class will be project based and students will have the opportunity to use their creativity and apply their business knowledge in productive ways. Students enrolled in Marketing Principles will manage and staff a school-based enterprise in addition to creating its marketing mix. Participation in DECA, an association of marketing students (the students' professional development opportunity), is highly recommended.

When taught by a certified Madison College trained teacher and with successful completion of the course (passing the required exam), the student can receive Madison College credit. Dual Credit is available only to juniors and seniors. Dual Credit is not guaranteed each year.

BUSINESS LEADERSHIP ACADEMY ▶

Courses:

- BUSINESS FUNDAMENTALS
- ENGLISH 11 OR 12

See page 18 for more information

SPORTS, ENTERTAINMENT, & TOURISM MARKETING ACADEMY ▶

Courses:

- MARKETING MANAGEMENT: HOSPITALITY & TOURISM
- SPORTS & ENTERTAINMENT MARKETING
- ENGLISH 11 OR 12

See page 19 for more information

MARKETING WORK BASED LEARNING / YOUTH APPRENTICESHIP
Course: 6381YAP

Marketing industries comprise establishments engaged in a wide variety of industries and sectors. Marketing activities in each of these industries can include Selling, Merchandising, Research, Advertising and Communication, or Marketing Management.

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

Computer Science Department Statement

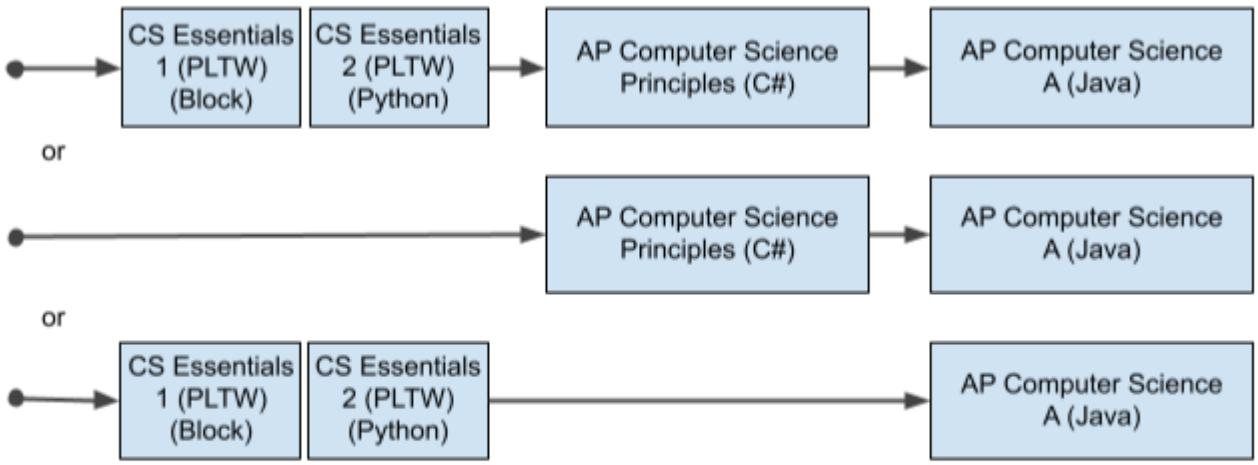
The vision of the Computer Science Department is to provide students with a rigorous and comprehensive education in computer science, preparing them for success in college, careers, and life. We believe that computer science is for everyone, and we strive to create a welcoming and inclusive environment for all students.

Our department offers a variety of programming classes, each of which is separately valuable. We believe that students should have the opportunity to learn multiple programming languages and application environments, so that they can be well-rounded and prepared for any challenge. We also focus on developing students' problem-solving, critical thinking, and creativity skills. We want our students to be able to use computer science to solve real-world problems and to make a positive impact on the world.

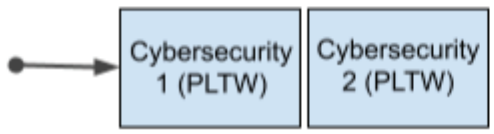
Course	Programming Language	Features
Computer Science Essentials 1 (PLTW)	Block	MIT App Inventor
Computer Science Essentials 2 (PLTW)	Python	App Development
AP Computer Science Principles	C#	Microsoft Visual Studio, Unity Game Engine
AP Computer Science A	Java	libGDX game development framework

Computer Programming

Recommended



Cybersecurity



Click each course title to see a video from the teachers talking about the course.

Course #	Title	Grades	Prerequisites	Length of Course/Credits Earned
3812 CIS	Computer Science Essentials 1 (CSE 1) (PLTW)	9-12	None	Semester / .5
3813 CIS	Computer Science Essentials 2 (CSE 2) (PLTW)	9-12	Computer Science Essentials 1(CSE 1) (PLTW)*	Semester / .5
3804 CIS 3805 CIS	Advanced Placement (AP) Computer Science Principles (CSP)	9-12	None	Year / 1.0
3806 CIS 3807 CIS	Advanced Placement (AP) Computer Science A (CSA)	10-12	Advanced Placement (AP) Computer Science Principles or Computer Science Essentials 1 and 2 with instructor approval	Year / 1.0
3847 CIS	Cybersecurity 1 (PLTW)	9-12	None	Semester / .5
3848 CIS	Cybersecurity 2 (PLTW)	9-12	Cybersecurity 1 (PLTW)	Semester / .5
6326 BUS	Computer Game Development**	9-12	None	Semester / .5
5848YAP	Information Technology (IT) Work Based Learning / Youth Apprenticeship	11-12	See page 26 for more information	

**Depending on teacher availability, this course may be transcripted as Business or Computer Science

Project Lead the Way (PLTW)

Project Lead the Way (PLTW) is an international program for students interested in engineering, computer science, or biomedical. Through PLTW students develop in-demand, transportable skills – such as problem solving, critical and creative thinking, collaboration, and communication – that they will use both in school and for the rest of their lives, on any career path they take.

Studies have shown that:

- PLTW contributes to a strong, positive impact on mathematics and science achievement
- PLTW has a positive influence on students' career interest and likelihood to continue their education
- PLTW offers a pathway to prepare and motivate students to enter careers in science and engineering

Sun Prairie High Schools currently offer a number of PLTW courses in engineering (Introduction to Engineering Design, Principles of Engineering, Civil Engineering and Architecture, Digital Electronics, and Engineering Design and Development). PLTW courses in Computer Science include Computer Science Essentials 1, Computer Science Essentials 2, AP Computer Science Principles, and Cybersecurity 1 & 2 combined.

Dual/college credit is available to juniors and seniors who pass the end-of-the-course assessment and is dependent on the student's choice of college. **Note:** There is no dual credit for Computer Science Essentials 1 and Computer Science Essentials 2.

Students must take Cybersecurity 1 AND 2 to be eligible for dual credit through PLTW.

Click the ▶ to see a video from Sun Prairie teachers talking about the course

COMPUTER SCIENCE ESSENTIALS I (CSE 1) (PLTW) ▶
Course 3812CIS
Elective Course
.5 credit

Computer Science Essentials 1 (CSE 1), the prerequisite to Computer Science Essentials 2 (CSE 2), is a Project Lead the Way semester-long course designed to introduce students to the exciting world of computer science and the concepts of computational thinking. Students will be working in teams to create Android based apps to solve real world problems using approachable building block programming and text based programming. As students sharpen their skills, they will begin utilizing other technologies and learning to program with hands-on projects. All students who take CSE will have many opportunities for creative expression and exploration in topics of person interest, whether it be through app development, web design, or connecting computing with the physical world. Whether these are your first steps in computer science, or a continuation of your journey Computer Science Essentials will give you confidence to succeed today and beyond.

COMPUTER SCIENCE ESSENTIALS 2 (CSE 2) (PLTW) ▶
Course 3813CIS
Elective Course
.5 credit
Prerequisite: Computer Science Essentials 1 (CSE I) (PLTW)

Computer Science Essentials 2 (CSE 2) is a Project Lead The Way course designed to build on skills and knowledge established in CSE 1. Students will explore text based coding by creating and implementing algorithms using Python. In the final unit, students will be using all they have learned from CSE 1 and CSE 2 to create an app, a website, or a physical computing device, students will apply computational thinking practice and a strategic development process to create computational artifacts that solve problems and create value for others. Students will collaborate the way computing professionals do as they pursue solutions to authentic needs. Although CSE is not an instance of the AP Computer Science Principles course (CSP), it will boost student success for those who continue in PLTW CSP courses. These intentional connections to widely accepted standards will help students gain confidence and reinforce essential concepts and skills that build toward lifelong success in the computer science pathways beyond just PLTW.

ADVANCED PLACEMENT (AP)
COMPUTER SCIENCE PRINCIPLES (CSP) ▶
Course 3804CIS, 3805CIS
Elective Course
1.0 credit

Advanced Placement (AP) Computer Science Principles introduces students to the fundamental concepts of computer science and programming using the Python programming language and the Godot game engine. Python is a modern and powerful programming language that is well-suited for a variety of tasks. Course topics include digital information, the Internet, cybersecurity, programming, algorithms, simulations, and data analysis. Students will gain experience with designing, developing, and testing GUI applications and games using the Godot game engine.

ADVANCED PLACEMENT (AP)
COMPUTER SCIENCE A (CSA) ▶
Course 3806CIS, 3807CIS
Elective Course
1.0 credit
Prerequisite: Advanced Placement (AP) Computer Science Principles or Computer Science Essentials I & II with instructor approval

Advanced Placement (AP) Computer Science A (CSA) enables students to take on more advanced programming problems. Students develop computer applications using the Java programming language and the libGDX game development framework. Java is a widely used programming language and software platform that runs on billions of devices. This course covers Java programming fundamentals and progresses into advanced object-oriented programming features. Students gain experience designing, developing, and testing Java applications and games with libGDX.

CYBERSECURITY 1(PLTW) ▶
Course 3847CIS
Elective Course
0.5 credit
Note: Dual Credit may be offered*

Cybersecurity 1 introduces students to is designed with strong connections to the National Cybersecurity Workforce Framework (also known as the NICE Framework of NCWF). Created by the National Institute of Standards and Technology (NIST), this framework identifies standards that have been developed by numerous academic, industry and government organizations. The course provides students with a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic and computational thinking, especially "outside-the-box" thinking. Students explore the many educational career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The curriculum follows an APB format; Activities followed by a Project followed by a Problem.

*Dual/college credit is available to juniors and seniors WHO HAVE ALSO TAKEN CYBERSECURITY 2 and pass the end-of-that-course assessment and is dependent on the student's choice of college.

CYBERSECURITY 2 (PLTW) ▶
Course 3848CIS
Elective Course
0.5 credit
Note: Dual Credit may be offered*
Prerequisite: Cybersecurity 1 (PLTW)

This course builds on Cybersecurity 1 as students expand their networking skills using tools such as Linux and Wireshark to interact with and find suspicious behavior on large networks. Students also explore cryptography and digital forensics as career applications of cybersecurity. Daily activities and cumulative projects mostly occur in a safe hands-on virtual environment.

*Dual/college credit is available to Juniors and Seniors WHO HAVE ALSO TAKEN CYBERSECURITY 1 and pass the end-of-the-course assessment and is dependent on the student's choice of college.

COMPUTER GAME DEVELOPMENT ▶
Course 6326BUS
Elective Course
.5 credit
Semester Course

Ready to design your very own game? Want to see how your favorite games are made? Computer Game Development introduces students to the challenges of game developers and software engineers with project-based learning tasks. It offers unique, easy-to-follow material to actually write code and develop original computer games! You will soon be able to play and share your very own games on your own website!
Very quickly, students will begin to build real working games. The semester will involve developing multiple working computer games with increasing levels of complexity. Students will be impressed by seeing results right away while learning and applying the math and physics concepts used in game development, how the engineering cycle is used to design games, the components of a good game, color theory used in game design, how to create sprites and animation, and so much more. Come be a part of the future of technology!

INFORMATION TECHNOLOGY (IT) WORK BASED LEARNING / YOUTH APPRENTICESHIP
Course: 5848YAP

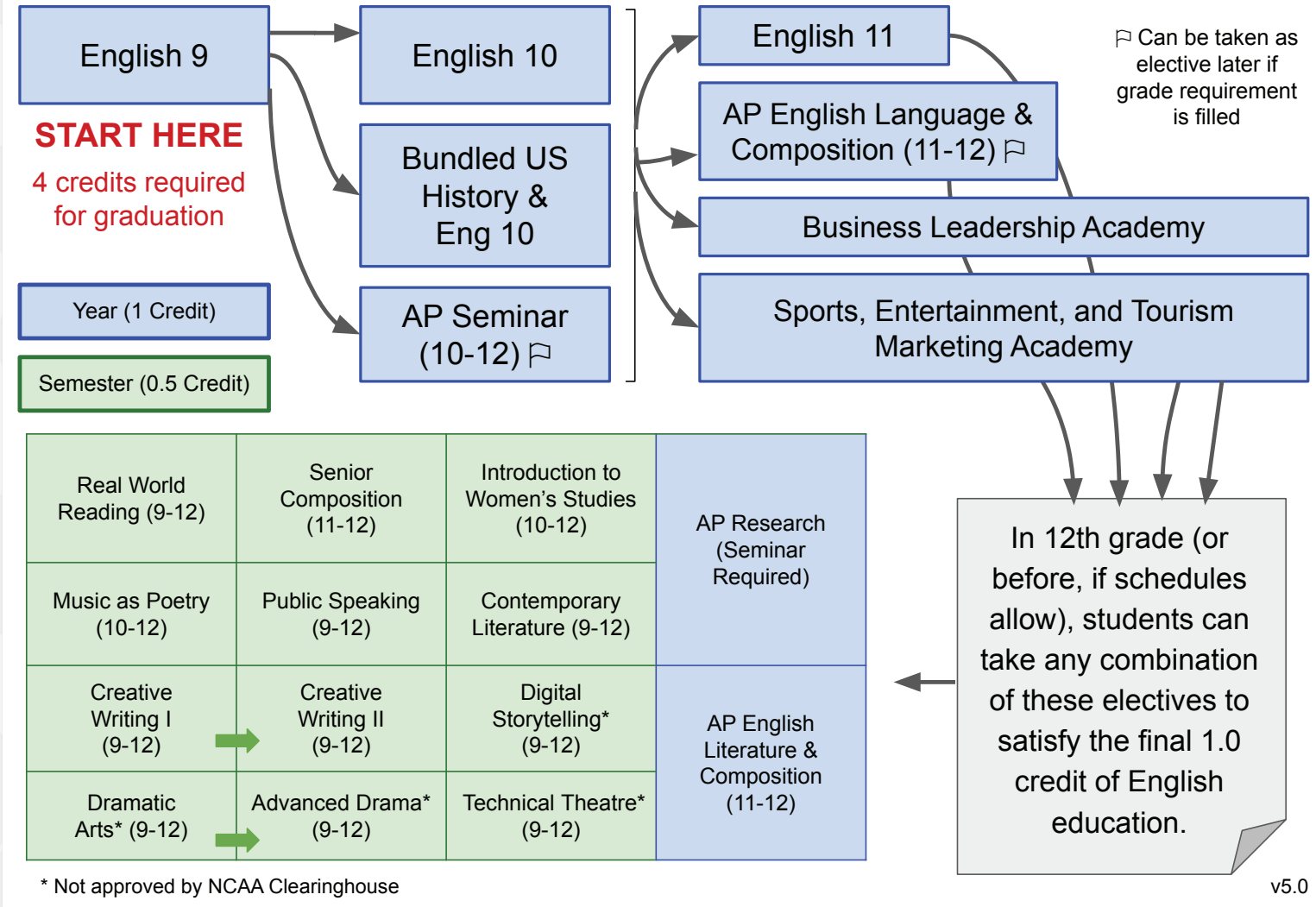
IT functions are universal in all types of businesses and industries. This cluster is among the largest and fastest growing sources of employment in Wisconsin. Units in this apprenticeship program include general IT, network systems, programming and software development, or web and digital communications pathways.

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

English Department Mission Statement

We believe literacy to be a basic human right through which every student can realize their full potential.

English Department Flowchart: Recommended Course Sequence



All students need 4 credits of English to graduate.

English

Click each course title to see a video from the teachers talking about the course.

Course #	Title	Grades	Prerequisites	Length of Course/Credits Earned
1213 ENG 1214 ENG	English 9	9	None	Year / 1.0
1220 ENG 1221 ENG	English 10	10	None	Year / 1.0
2251 BUND 2252 BUND 1220 BUND 1221 BUND	Bundled U.S. History 1865-Present & English 10	10	None	Year / 2.0
1351 ENG 1352 ENG	English 11	11-12	None	Year / 1.0
1356 ENG	Senior Composition	11-12	English 10 or AP Seminar	Semester / .5
1370 ENG 1371 ENG	Advanced Placement (AP) English Language & Composition	11-12	None	Year / 1.0
1365 ENG 1368 ENG	Advanced Placement (AP) English Literature & Composition	11-12	None	Year / 1.0
1378 ENG 1379 ENG	Advanced Placement (AP) Seminar	10-12	None	Year / 1.0
1376 ENG 1377 ENG	Advanced Placement (AP) Research	11-12	AP Seminar	Year / 1.0
1311 ENG	Creative Writing I	9-12	None	Semester / .5
1313 ENG	Creative Writing II	9-12	Creative Writing I	Semester / .5
1332 ENG	Contemporary Literature	9-12	None	Semester / .5
1413 ENG	Digital Storytelling	9-12	None	Semester/ .5
1390 ENG	Music as Poetry	10-12	None	Semester / .5
1354 ENG	Introduction to Women's Studies	10-12	None	Semester / .5
1101 RDG	Real World Reading	9-12	None	Semester / .5
1394 ENG	Public Speaking	9-12	None	Semester / .5
1393 ENG	Dramatic Arts	9-12	None	Semester / .5
1395 ENG	Advanced Drama	9-12	Dramatic Arts	Semester / .5
1411 ENG	Technical Theatre	9-12	None	Semester / .5
See Page 16 for more information	Business Academy • Business Fundamentals • English 11 or 12	11-12	None	Year / 2.0

Note: Please see Page 5 of this course guide to determine which English courses are required for your grade level.

Click the ▶ to see a video from Sun Prairie teachers talking about the course

ENGLISH 9 ▶
Course 1213ENG, 1214ENG
Required Course
1.0 credit

English 9 will help you to develop and improve your writing skills, working through the steps of the writing process to complete narrative, expository, informative, persuasive, and literary analysis pieces. You will work on focus, development, organization, and language skills in your writing.

In English 9, you will also read and discuss literature of various genres—short story, poetry, drama, novels, and nonfiction – to improve your understanding and increase your enjoyment of literature while exposing you to a variety of worldviews and experiences. You will learn to analyze various literary forms and to respond to literary devices, while developing and expanding your vocabulary.

ENGLISH 10 ▶
Course 1220ENG, 1221ENG
Required Course, if not enrolled in AP Seminar or Bundled History/English Courses
1.0 credit

English 10 provides a comprehensive study of language arts skills such as reading, writing, discussing, listening, and presenting. Students will read essays, novels, plays, stories, and poetry with a focus on American literature and the diverse American experience, all while developing skills in critical reading, writing, speaking, and thinking.

Students will complete activities and assignments that will help them to think critically about what they read and make connections to the world around them. Students will participate in class activities that help them to present opinions and ideas supported by strong evidence and help them to listen critically to the ideas and others. A variety of independent choice, small group, and whole class texts are part of the course. Students will continue to develop effective writing skills they will need in the future, which includes a review of sentence writing, grammar, and mechanics. Students will work on successful writing strategies that will help to complete writing assessments such as narratives, persuasive essays, research papers, and literary analysis essays.

BUNDLED U.S. HISTORY 1865-PRESENT & ENGLISH 10 ▶
Course 1220BUND, 1221BUND, 2251BUND, 2252BUND
Fulfills English 10 and US History Requirements
2.0 Credits

Students signing up for bundled U.S. History 1865-Present and English 10 will earn two credits in one school year, one for social studies and one for English. Students will see U.S. History 1865-Present and English 10 bundled on their schedules, one for A day and one for B day. This course is an interdisciplinary, team-taught course that traces the development of major American literary movements and places them within the context of United States History. The course is organized around themes and essential questions, allowing students to gain a deeper understanding of important literary and historical issues. Students will examine the changing role of the individual and society while tracing the development of American ideals and institutions. Individual and team assignments will challenge students to address the course themes. The course will help students develop strong reading, writing, analysis, and speaking skills. In each of the units, we will be focusing on historical periods and events as well as a variety of literary skills and concepts.

This bundle of two courses, combined thematically, allows for unique connections to be made. It may lean toward greater differentiation for students, but should not be seen as a continuation of earlier programming.

ENGLISH 11 ▶
Course 1351ENG, 1352ENG
Required Course, if not enrolled in AP Language & Composition
1.0 credit

English 11 will allow students to explore the immense diversity of the world experience as it is reflected in both literary and informational texts through reading, writing, and speaking, showing how those values and identity take shape through the written word. The course will address several significant themes in literature as well as explore the influences of both individual countries' crises and significant world events/ influences. Texts will reflect the values of various peoples and how these values have influenced other cultures.

While exploring these texts, students will apply rigorous learning strategies to improve comprehension, vocabulary, language, writing, speaking and listening, and critical thinking skills. This exploration will provide opportunities for discussion and interpretation, analysis, and writing. Students will participate in class writing and oral activities that allow for individual expression, learning how to support their ideas with strong evidence, and to be critical listeners. These strategies will facilitate awareness of a student's place in the global community and help them contextualize their personal relationship to other cultures.

SENIOR COMPOSITION ▶
Course 1356ENG
Elective Course
.5 credits
Prerequisite: English 10 or AP Seminar

Students will take a field trip to UW-Madison for research.

Senior composition will provide students with the skills necessary to be effective in articulating poignant ideas through writing. Students will examine and apply rhetorical writing strategies of narration, description, exposition, and persuasion. In addition, students must also demonstrate a strong command of vocabulary, English language conventions, research and organizational skills, an awareness of audience, the purpose for writing, and style. Students will read both classic and contemporary literature/articles and use appropriate models for writing. Assessments will include narratives, reflective compositions, academic essays, and responses to writing. Students will be expected to complete all phases of the writing process (prewriting, drafting, revising, editing, and publishing) in order to produce high quality, thought-provoking responses and prepare students for post-high school writing.

ADVANCED PLACEMENT (AP)
ENGLISH LANGUAGE & COMPOSITION ▶
Course 1370ENG, 1371ENG
Meets graduation requirement for English 11 for Juniors;
Open to Seniors as an elective
1.0 credit

This introductory college level course focuses on the combined skills of close reading and effective writing for a variety of purposes and audiences. By reading and writing a wide variety of texts, including visual images as texts, students can grow tremendously as critical readers and competent writers. Students will analyze and interpret a variety of perspectives in writing from the seventeenth century to contemporary times, analyzing the effects of rhetorical strategies. As the reader becomes the writer, students will employ these rhetorical techniques as they attempt to persuade others. Students will move through the stages of the writing process (invent, investigate, draft, revise, edit, and review) to examine and reflect upon the effectiveness of their own selection of detail, style, strategies, and techniques. The course focuses on the standards of English language (grammar and mechanics), as well as areas of vocabulary, sophistication, and style. Students analyze argument writing, rhetorical analysis writing, and synthesis writing in preparation for the AP English Language and Composition Exam in May.

ADVANCED PLACEMENT (AP)
ENGLISH LITERATURE & COMPOSITION ▶
Course 1365ENG, 1368ENG
Elective Course
1.0 credit

The AP English Literature and Composition course aligns to an introductory college-level literature and writing curriculum. This 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. In the AP English Literature and Composition course, students devote themselves to the study of literary works written in—or translated into—English. Careful reading and critical analysis of such works of fiction, drama, and poetry provide rich opportunities for students to develop an appreciation of ways literature reflects and comments on a range of experiences, institutions, and social structures. Students will examine the choices literary writers make and the techniques they utilize to achieve purposes and generate meanings, all while learning about themselves. With the course's emphasis on collaborative study of texts and open discussion in a collegiate atmosphere, students will grow in their ability to be more aware of positions of power and privilege, to be more self-managed in relating one's emotions, thoughts, and behaviors, and to be more socially aware through appreciating diversity, building empathy, and respecting others' thoughts and ideas.

ADVANCED PLACEMENT (AP) SEMINAR ▶
Course 1378ENG, 1379ENG
Meets graduation requirement for English 10 for Sophomores;
Open to Juniors and Seniors as an elective
1.0 credit

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

ADVANCED PLACEMENT (AP) RESEARCH ▶
Course: 1376ENG, 1377ENG
Elective Course
1.0 credit
Prerequisite: AP Seminar

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

SPORTS, ENTERTAINMENT, & TOURISM MARKETING ACADEMY ▶

Courses:

- MARKETING MANAGEMENT: HOSPITALITY & TOURISM
- SPORTS & ENTERTAINMENT MARKETING
- ENGLISH 11 OR 12

See page 19 for more information

CREATIVE WRITING I ▶
Course 1311ENG
Elective Course
.5 credits

Students interested in creative writing should take this course. Students will learn how to write short fiction and poetry using the language skills they have acquired in previous English courses. In this class students will also work with other students, as class members help each other solve problems with their writing.

This course is suitable for anyone considering a two or four-year college but does not provide the structure and strategies for writing term papers and essays in college composition classes.

CREATIVE WRITING II ▶
Course 1313ENG
Elective Course
.5 credits
Prerequisite: Creative Writing I

This course is designed for students who have a compelling interest in developing further as creative writers. Creative Writing II helps students express themselves through exercises that expand their imaginations and creativity. Students study published writing in order to understand the qualities of good writing, which include content, focus, organization, and style appropriate to specific genres. In-class exercises include lessons related to characterization, dialogue, perspective, rhythm and pacing, foreshadowing, sensory details, and color. In Creative Writing II, students will be provided time to develop self-selected semester-long writing projects.

CONTEMPORARY LITERATURE ▶
Course 1332ENG
Elective Course
.5 credits

Students will brainstorm and develop a list of contemporary and relevant topics from the world, cultures, and events that they are interested in. This list will drive the study of the semester. Students will read a variety of texts including fiction, graphic novels, podcasts, documentaries/videos, and nonfiction to learn and engage in these topics together. Students will have written assessments, discussions, and projects to share their learning and connections with each other.

DIGITAL STORYTELLING ▶
Course 1413ENG
Elective Course
.5 credits

This course is for students who love stories, images, and technology. This course's purpose is to encourage fluency by promoting creativity and engagement emphasizing the production process and visual storytelling. Students will read and write various materials to develop their storytelling and analysis skills. Students will work independently and in collaboration with others of varying degrees of experience. Students will learn the terminology of video production/ news and how to shoot and edit. Students will read and write script stories, analyzing good storytelling. Students will create multiple short videos and reflect on their learning. The classroom and its works will represent the diversity of student voices and experiences within the school community. Not only will each student gain confidence as an artist by sharing their work with others, but will also provide feedback and accept feedback on their own work.

MUSIC AS POETRY ▶
Course 1390ENG
Elective Course
.5 credits

Music as Poetry allows students to use their English skills in reading, writing, researching, and presenting to explore the history of different musical artists and musical genres. Students will explore how songs are just poems to music. They will explore the use of literary devices in songs and discover themes. Students will also explore the history of different musical artists of their choosing, researching how their history and the world they grew up in impacted their music. Finally, students will explore a genre or a decade of music and see how history and the world are reflected music.

INTRODUCTION TO WOMEN'S STUDIES ▶
Course 1354ENG
Elective Course
.5 credits

In Introduction to Women's Studies, students examine literary and informational texts by and about women; the emphasis is on works not read in other English classes. The literature represents several centuries and cultures. Classes will include TED talks, group projects, discussion, films, documentaries and current issues. Student assessment will include writing, speaking, and creative projects.

REAL WORLD READING ▶
Course 1101RDG
Elective Course
.5 credits

This course is designed to improve student reading skills with academic, career and personal choice reading materials. We will explore the purposes, characteristics and strategies essential for comprehension and success as a lifelong reader. The course's three units will have us reading, writing and practicing the skills of successful readers as we encounter a variety of texts: fiction and nonfiction short stories, newspaper and journal articles, academic textbooks, and materials people might encounter in various careers. Students will also select their own reading materials and set personal goals as we equip them with the tools needed to become an expert reader. The skills and knowledge students will gain from this class will support your endeavors in high school, college and beyond!

PUBLIC SPEAKING ▶
Course 1394ENG
Elective Course
.5 credits

Public Speaking is an activity-based course, focusing on the development of speech skills through frequent opportunities to speak in a public forum, on a wide variety of personal and public issues.

Students will develop a wide range of communication skills; in particular, they will learn and perfect the fundamentals of public speaking. Students will develop the skills of articulation, relevant argument, poise and presence through repeated experience in practice, performance, and measure self-confidence. Students will also work together as peer coaches and editors during the speech development process, as well as develop their critical listening and critiquing skills by being the primary audience during individual speech presentations. Prepared speech categories will include (but are not limited to) personal introduction, informative, persuasive, impromptu, special occasion, and small group presentations.

DRAMATIC ARTS ▶
Course 1393ENG
Elective Course
.5 credits

Students will participate in field trips to attend performances at Overture Center for the Arts and other area theaters.

This unique English course engages the imagination and emphasizes learning by doing. Dramatic Arts will help cultivate creativity and problem solving skills while working in a cooperative group environment; the course focuses on theatre history, improvisation, acting, theatre production, and dramatic literature. In the second half of the course students will produce a play to present to elementary school audiences. This course emphasizes verbal and non-verbal communications skills that are important for success in any field.

ADVANCED DRAMA ▶
Course 1395ENG
Elective Course
.5 credits
Prerequisite: Dramatic Arts

This course engages the imagination, fosters flexible ways of thinking, develops disciplined effort, and builds self-confidence. Students will study in more complexity the elements of theatre explored in Dramatic Arts as they become leaders for the class. Students will learn to create resumes, practice the audition process and direct a short play. This is a perfect course for students who are interested in advancing their performance abilities and confidence in speaking in front of audiences. Students looking to pursue any career can benefit from training in theater!

TECHNICAL THEATRE ▶
Course 1411ENG
Elective Course
.5 credits

This course is designed for anyone who is interested in the “behind the scenes” artistry of designing and running a performance. This is a hands-on class where students will examine theatrical construction techniques, stage and scene shop equipment, stage lighting and sound, costume design, and stage/special effects makeup. Students in this course will be actively involved in productions that take place in the Performing Arts Center.

English as a Second Language for Multilingual Learners

English as a Second Language for Multilingual Learners is for students who are learning English as their second (or third, fourth, etc.) language. Multilingual Learner students are gifted, multilingual individuals who will contribute to the cultural and intellectual integrity of American society in ways only each student can find imaginable. The goal of the Multilingual (ML) Department is to help bridge the learning gap, accelerate cultural and academic knowledge, and prepare students to pursue post-secondary education and/or careers.

Course #	Title	Grades	Prerequisites	Length of Course/Credits Earned
5820 ESL 5821 ESL	Beginning English as a Second Language		Teacher Recommendation	Year / 1.0
5822 ESL 5823 ESL	Intermediate English as a Second Language		Teacher Recommendation	Year / 1.0
5824 ESL 5825 ESL	Advanced English as a Second Language		Teacher Recommendation	Year / 1.0
5830 ESL 5831 ESL	Beginning Math for ELs		Teacher Recommendation	Year / 1.0
5832 ESL 5833 ESL	Intermediate Math for ELs		Teacher Recommendation	Year / 1.0
5838 ESL 5839 ESL	ESL Novice Science		Students with entering or beginning English language proficiency	Year / 1.0
5842 ESL 5843 ESL	ESL Novice Social Studies		Students with entering or beginning English language proficiency	Year / 1.0
5866 ML 5867 ML	ML Study Skills		Teacher Recommendation	Year / 1.0

BEGINNING ENGLISH AS A SECOND LANGUAGE
Course 5820ESL, 5821ESL
Elective Course
1.0 credit
Prerequisite: Teacher recommendation

Students will develop phonemic awareness of the English language and practice oral communication skills. Students will learn to read English and will participate in the writing process. Vocabulary development, expanding background knowledge, listening, and speaking fluency in English will be emphasized. This course is designed for English language learners with an English proficiency level of 1.

INTERMEDIATE ENGLISH AS A SECOND LANGUAGE
Course 5822ESL, 5823ESL
Elective Course
1.0 credit
Prerequisite: Teacher recommendation

Students will further develop their skills in reading. Speaking and reading fluency, vocabulary development and comprehension strategies will be emphasized. Students will be introduced to a greater variety of texts for reading, and research. Oral communication will be practiced. Time for writing to communicate for a variety of purposes and to a variety of audiences will increase. This course is designed for English language learners with an English proficiency level of 2-3.

ADVANCED ENGLISH AS A SECOND LANGUAGE
Course 5824ESL, 5825ESL
Elective Course
1.0 credit
Prerequisite: Teacher recommendation

Students will further develop their skills in reading with increasingly sophisticated texts including narrative, expository, poetry and everyday texts. This course includes American literature selections. Students will continue to develop their writing skills to communicate for a variety of purposes and to a variety of audiences. Academic English vocabulary development will be emphasized in preparation for involvement in general core classes. This course is designed for English language learners with an English proficiency level of 3.

English as a Second Language for Multilingual Learners

BEGINNING MATH FOR ELs
Course 5830ESL, 5831ESL
Elective Course
1.0 credit
Prerequisite: Teacher recommendation

This course develops the language and thinking of math. Basic math concepts will be introduced and reviewed through a variety of manipulatives and guided practice. Each of the strands of mathematics will be emphasized throughout each semester: number sense, basic geometry, problem solving, measurement, and data analysis.

INTERMEDIATE MATH FOR ELs
Course 5832ESL, 5833ESL
Elective Course
1.0 credit
Prerequisite: Teacher recommendation

Students will further develop their math skills with algebraic concepts, linear graphing, and advanced geometry.

ESL NOVICE SCIENCE
Course 5838ESL, 5839ESL
Elective Course
1.0 credit
Prerequisite: Teacher recommendation

In ESL Novice Science, students will develop the knowledge and academic language of Biology, Health, and Physical Sciences.

ESL NOVICE SOCIAL STUDIES
Course 5842ESL, 5843ESL
Elective Course
1.0 credit
Prerequisite: Teacher recommendation

In ESL Novice Social Studies, students will develop the knowledge and academic language of World History, U.S. History, Sociology, and Economics.

ML STUDY SKILLS
Course 5866 ML, 5867 ML
Elective Course
1.0 credit
Note: This class can be taken for just one semester as well for .5 credit.
Prerequisite: Teacher recommendation

Students will enhance their knowledge of content classes that they are presently enrolled in through additional practice of key concepts. Students will further their English language development through the use of activities focused on communication and building literacy skills across the content areas.

Why Study Family & Consumer Science?

Looking for a class that will benefit you all throughout your life? Take Family and Consumer Science courses to learn the practical skills of life management. Choose our occupational courses and get a head start at finding the career that is right for you.

Culinary courses taught at Sun Prairie High Schools seriously take food allergens into consideration. If a student has a food allergy that student must let the teacher know at the beginning of the course.

Family and Consumer Sciences Education

Which classes best fit your college, career, and personal goals?

Culinary Courses	**Foods I ›› Foods II ›› Culinary Arts/Prostart I ›› Culinary Arts/Prostart II**	**Multicultural Foods**	**Principles of Baking and Pastries**	**Sports Nutrition**
	^courses must be taken sequentially	Foods I recommended ^no prerequisite required	Foods I recommended ^no prerequisite required	Foods I recommended ^no prerequisite required

Hospitality Courses	**Exploring Hospitality + Tourism**
	^no prerequisite required

Medical Courses	**Medical Occupations I ›› Medical Occupations II**	**Medical Terminology**	**Patient Focused Healthcare**	**CNA (Certified Nursing Assistant)**
	^courses must be taken sequentially	^no prerequisite required	Foods I recommended ^no prerequisite required	^ prerequisite Med Occ I

Textile + Design Courses	**Clothing I ›› Clothing II**	**Fashion Analysis**	**Design Studio**	**Housing and Interior Design**
	^ courses must be taken sequentially	^no prerequisite required	^no prerequisite required	^no prerequisite required

Childcare Courses	**Infant/Toddler Development**	**Assistant Childcare Teacher**
	^no prerequisite required	^no prerequisite required Infant/Toddler Development recommended

Life Skills Course	**Independent Living**
	^no prerequisite required

Family & Consumer Science

Click each course title to see a video from the teachers talking about the course.

Course #	Title	Grades	Prerequisites	Length of Course/Credits Earned
9425 FCE	Infant and Toddler Development	9-12	None	Semester / .5
9462 FCE	Assistant Child Care Teacher	11-12	11th or 12th graders or at least 17 years old	Semester / .5
9400 FCE	Independent Living Skills	9-12 Recommended for 10th-12th	None	Semester / .5
9210 FCE	Foods I – Family, Food and Society	9-12	None	Semester / .5
9213 FCE	Foods II – Introduction to Food Service	9-12	Foods I – Family, Food & Society	Semester / .5
9327 FCE 9328 FCE	Culinary Arts/ProStart I	10-12	Foods II-Introduction to Food Service	Year / 1.0
9329 FCE 9330 FCE	Culinary Arts/ProStart II	11-12	Culinarty Arts I/ProStart I	Year / 1.0
9217 FCE	Principles of Baking and Pastries	9-12	*Recommended:* Foods I - Family, Food & Society	Semester / .5
9305FCE	Sports and Nutrition	9-12	*Recommended:* Foods I – Family, Food & Society	Semester / .5
9326 FCE	Multicultural Aspects of Foods	9-12	*Recommended:* Foods I – Family, Food & Society	Semester / .5
9336 FCE	Exploring the Travel and Tourism Industry	9-12	None	Semester / .5
9429 FCE	Medical Occupations I	9-12	None	Semester / .5
9435 FCE	Medical Occupations II	9-12	Medical Occupations I	Semester / .5
9432 FCE	Medical Terminology	9-12	None	Semester / .5
9423 FCE	Patient Focused Healthcare	9-12	None	Semester / .5
9433 FCE	Certified Nursing Assistant	11-12	Medical Occupations I	Semester / .5
9103 FCE	Clothing I	9-12	None	Semester / .5
9106 FCE	Clothing II	9-12	Clothing I	Semester / .5
9109 FCE	Fashion Analysis	9-12	None	Semester / .5
9115 FCE	Design Studio	9-12	None	Semester / .5
9410 FCE	Housing and Interior Design	9-12	None	Semester / .5
See Counselor	Teenage Parent	9-12	For expectant parents as needed	Semester / .5
9461FCE	Childcare / Education Work Based Learning / Youth Apprenticeship	11-12	See page 26 for more information	
5841YAP	Healthcare Work Based Learning / Youth Apprenticeship	11-12	See page 26 for more information	
7400YAP	Hospitality / Tourism Work Based Learning / Youth Apprenticeship	11-12	See page 26 for more information	
0000YAP	Paid AVID Academic Coaching	11-12	See page 26 for more information	

Child & Family Careers

Click the ▶ to see a video from Sun Prairie teachers talking about the course

INFANT AND TODDLER DEVELOPMENT ▶
Course 9425FCE
Elective Course
.5 credits

This class is for students who enjoy working with young children birth to 3 years of age. This development time is the most important in determining a positive future for a child. Through a variety of hands-on activities and student projects students will discover how fascinating the behavior of children can be. Special emphasis will be given to infant and toddler development. Students will take a simulated baby home and learn first hand what it is like to care for an infant.

ASSISTANT CHILD CARE TEACHER ▶
Course 9462FCE
Elective Course
.5 credits
Prerequisites: Wisconsin ACCT guidelines require student enrollees to be 11th or 12th graders or at least 17 years of age
Recommended: Infant and Toddler Development

This class will take a field trip to visit elementary schools and Teddy's Place.

In this course, students will learn how children develop and why they act the way they do. During this course students will observe and play with children to get first-hand practice in positive child guidance techniques. Students will volunteer in a local child care center in order to prepare and teach age-appropriate activities to groups of young children.

When taught by a specially-licensed teacher, students meeting program requirements will obtain certification as Assistant Child Care Teachers (ACCT) qualifying them for employment in Wisconsin child care facilities. Certification is not guaranteed each year.

INDEPENDENT LIVING SKILLS ▶
Course 9400FCE
Elective Course
.5 credits
Recommended: Grades 10-12

Independent Living Skills is a preparatory course to living on your own. It is a comprehensive look at numerous Family and Consumer Science topics. This class is perfect for anyone who plans to move out on their own someday!

CHILDCARE / EDUCATION WORK BASED LEARNING / YOUTH APPRENTICESHIP
Course: 9461FCE

In this industry, worksites vary from child care centers to community organizations to after school programs. This opportunity allows students to combine what they learned in their Assistant Childcare Teacher (ACCT) course with experiences caring for children to understand the childcare profession fully.

PAID AVID ACADEMIC COACHING
Course: 0000YAP

Academic coaching is one of the best ways to both give back to your student body and also contribute to the growth of students. Paid AVID Academic Coaching is designed to allow high school juniors and seniors to apply to serve as AVID Coaches for the AVID 9 Elective classes as well as the AVID 7 and 8 Elective classes at our middle schools. AVID Coaches are not required to be part of the AVID program.

Food Service Careers

FOODS I – FAMILY, FOOD AND SOCIETY ▶
Course 9210FCE
Elective Course
.5 credits

This is a hands-on lab-based course. Foods I is the introductory food course offered at the high schools. In this course, we focus on food safety and sanitation, kitchen math and measuring, nutrition, fruits and vegetables, grains, dairy, and protein. Students learn about basic lab and safety skills along with kitchen terminology. All students will leave this course knowing how to prepare meals and live a healthy lifestyle.

FOODS II – INTRODUCTION TO FOOD SERVICE ▶
Course 9213FCE
Elective Course
.5 credits
Prerequisite: Foods I – Family, Food and Society

Introduction to Food Service builds on Family, Food & Society (Foods I). Areas of focus include mastering the basics, careers in the food service industry, knife skills, nutritious cooking, cooking methods, using seasonings, specific areas of preparation such as breakfast, stocks and sauces, meats, fruits and vegetables as well as a baking unit. Foods II is suitable for students considering a career in the food service industry.

PRINCIPLES OF BAKING AND PASTRIES ▶
Course 9217FCE
Elective Course
.5 credits
Recommended: Foods I - Family, Food and Society;

Hands-on and lab based, Baking & Pastries prepares you for successful careers as baking and pastry professionals through building a foundation of principles and skills and then using specific applications and recipes. Students will be able to prepare a wide array of baked goods and pastries such as quick breads, yeast breads, enriched yeast breads, pies, cookies, cupcakes and fondant cake decorating, cookies, chocolate and sauce work, plate garnishing and specialty desserts. If you enjoy participating in baking labs, this course is for you.

CULINARY ARTS I/PROSTART I
Prostart I, Course 9327FCE, 9328FCE ▶
Elective Course
1.0 credits
Prerequisite: Foods II: Introduction to Food Service

In Culinary Arts I, students will get an overview of the Restaurant and Foodservice industry, learn about the safety and sanitation required for a food operation, learn about different equipment in a commercial kitchen and kitchen basics, the principles of service and management, and explore the culinary areas of sauces, soups, salads, dips, sandwiches, and pizzas, as well as different cooking methods.

The ProStart Program is a two-year industry-based program that prepares students for careers in the restaurant and foodservice industry. Students gain valuable restaurant and foodservice skills through academic and workplace experiences. Students will have the opportunity to participate in catering activities, and in simulated restaurants, preparing meals for faculty, and the Wall-of-Success recipient and community members. Students may participate in culinary food preparation competitions (Family, Career, and Community Leaders of America-FCCLA, Skills USA-Culinary Arts, and ProStart). Class challenges will help students prepare themselves for competitions in addition to giving them the chance to test their ability to work under pressure.

CULINARY ARTS II/PROSTART II
Culinary Arts/Prostart II, Course9329FCE, 9330FCE ▶
Elective Course
1.0 credits
Prerequisite: Culinary Arts I/ProStart I

In Culinary Arts II, students will continue to expand on the workings of the restaurant and foodservice industry. They will learn about marketing in the restaurant industry and menu management, food costs and how to manage them, operational concerns, and continue their culinary exploration in the areas of eggs, dairy, breakfast cookery, fruits, vegetables, potatoes, grains, meat, poultry, baking, and desserts.

The ProStart Program is a two-year industry-based program that prepares students for careers in the restaurant and foodservice industry. Students gain valuable restaurant and foodservice skills through academic and workplace experiences. Students will have the opportunity to participate in catering activities, and in simulated restaurants, preparing meals for faculty, and the Wall-of-Success recipient and community members. Students may participate in culinary food preparation competitions (Family, Career, and Community Leaders of America-FCCLA, SkillsUSA-Culinary Arts, and ProStart). Class challenges will help students prepare themselves for competitions in addition to giving them the chance to test their ability to work under pressure.

SPORTS AND NUTRITION ▶
Course 9305FCE
Elective Course
.5 credits
Recommended: Foods I – Family, Food and Society

Student Athletes, learn how to fuel your body with nutrient dense foods rather than Gatorade and pop tarts. Many students don't consider the impact of food choice on their personal health and athletic performance. Sports nutrition education will teach learners about eating and hydration for a healthy active life. This course explores guidelines for a healthy diet needed to be ready for athletic practice and competition, and how to refuel afterwards. We will also explore many misconceptions, oversimplifications, and myths many young athletes are told. Hands on foods labs will give students the opportunity to try healthy and delicious recipes that can be tailored to their athletic needs. Throughout this course we will educate students on how to make the best choices to optimize their health and performance

MULTICULTURAL ASPECTS OF FOOD ▶
Course 9326FCE
Elective Course
.5 credits
Recommended: Foods I – Family, Food and Society

Multicultural Aspects of Food explores connections between what we eat and cultures around us. As we move around the globe, this course will cover history as it relates to each region's dietary customs, cuisines and cooking methods. By investigating cultural, spiritual and social influences on food choices, you can gain an awareness and understanding of diverse populations within our society.

EXPLORING THE TRAVEL AND TOURISM INDUSTRY ▶
Course 9336FCE
Elective Course
.5 credits
Note: Dual-Credit may be offered

Exploring the Travel and Tourism Industry introduces students to the wide range of the guest services industry. Typical career areas include travel, lodging, restaurant management, cruise ships, event planning and more! This project based course explores career opportunities as well as a 'behind the scenes' look at career areas mentioned above through field trip opportunities and guest speaker visits. This class will not only help students explore other careers, but will introduce students to customer service skills.

When taught by a certified Madison College trained teacher, successful completion of the course with a C or higher, students will earn 3 dual credits from Madison College.

HOSPITALITY / TOURISM WORK BASED LEARNING / YOUTH APPRENTICESHIP
Course: 7400YAP

This class will take a field trip to visit at least two hotels and two restaurants in a semester.

Worksites for this cluster include restaurants, hotels, travel planning, museums, and amusement parks. The leisure and hospitality sector makes up a large percentage of employment in Wisconsin and offers tremendous career growth. Units in this apprenticeship program include restaurant/food & beverage, lodging, or travel/tourism pathways.

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

Medical Occupations Careers

MEDICAL OCCUPATIONS I ▶
Course 9429FCE
Elective Course
.5 credits

You could be a doctor or a nurse, but you could also work in one of hundreds of other medical occupations. Through hands-on activities students will explore medical work environments, systems, trends, practices, and career options.

MEDICAL OCCUPATIONS II ▶
Course 9435FCE
Elective Course
.5 credits
Prerequisite: Medical Occupations I

Students will improve their knowledge of diseases and treatments through a study of body structure and function. A wide variety of professional speakers will expand student knowledge of healthcare careers. Independent study skills are needed for success in this course.

MEDICAL TERMINOLOGY ▶
Course 9432FCE
Elective Course
.5 credits

This course will prove valuable to all students seeking a career in the field of health care. Learn the rules for making medical terms and gain an understanding of the medical terms and abbreviations related to each body system. Students will assess personal learning preferences and develop the study techniques that will lead to success in learning the language of medicine.

PATIENT FOCUSED HEALTHCARE ▶
Course 9423FCE
Elective Course
.5 credits

Are you wondering if being a CNA is the right career path for you? Patient Focused Healthcare will prepare students for the Certified Nursing Assistant course at Sun Prairie High Schools. Students will become familiar with terminology, job responsibilities, personal care skills and develop a basic understanding of body structure and function. The course will acquaint students with lab skills as they work hands-on with classmates. Students will also become familiar with the rules and regulations within the health care setting. If you are looking to excel in the Certified Nursing Assistant course or trying to figure out if a career in health care is for you, this class will give you everything you need to be successful!

Medical Occupations Careers

CERTIFIED NURSING ASSISTANT ▶
Course 9433FCE
Elective Course
.5 credits
Prerequisite: Medical Occupations I. Medical Occupations I must be completed by the end of Junior year. Must be a junior or senior.
Course Fee: $69.79 for health history and background check
$43.99 for drug testing
Test Fee (optional): $135.00
Note: Dual Credit may be offered*
Note: Acceptance into this course requires a passing reading score per Madison College's current requirements.
Please see Madison College's Nursing Assistant website for the most up-to-date information.

The nursing assistant program prepares students for employment as nursing assistants and home health aides. The program includes 80 hours of classroom instruction and simulated laboratory practice as well as 40 hours of supervised clinical experience in a hospital or nursing home. Upon successful completion of the program, the student is eligible for the Wisconsin Nurse Aide Registry for employment in nursing homes, hospitals, home health agencies, and homes for the developmentally disabled. Clinical site experience requires TB testing, caregiver background checks, and the ability to lift 50 lbs. Certification requires completion of a state written and skills test. This test will cost students $135.00. Students have up to one year to take the test after completing the Course. Certification is good for up to one year after the date of the test.

*This course differs from a dual credit course in that it is taught by a Madison College instructor at Sun Prairie High Schools. Students will receive both SPASD and Madison College credits. Course Fee: $59.19 for health history and background check and $10.60 for Lab kit. A few clinical sites may require additional drug testing which costs $43.99. Test Fee (optional): $135.00

Note: Acceptance into this course requires a passing reading score per Madison College's current requirements. Please see Madison College's Nursing Assistant website for the most up-to-date information.

HEALTHCARE WORK BASED LEARNING / YOUTH APPRENTICESHIP
Course: 5841YAP

The outlook for careers in medical and health fields is strong and growing. Potential worksite possibilities include hospitals, long-term care residential facilities, dental and medical offices, clinics, pharmacies, and even insurance companies. Units in this apprenticeship program include therapeutic services, health informatics, or ambulatory services.

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

Textile & Design Careers

CLOTHING I ▶
Course 9103FCE
Elective Course
.5 credits

Learn how to sew! It's fun and rewarding and it is an essential skill needed in any design career! Students will make 3 to 5 small projects. Students will select their own fabric for the final project. Students will learn how to read directions, problem-solve, fix mistakes, and enhance their visualization skills. Come join the fun and learn this life-long skill!

CLOTHING II ▶
Course 9106FCE
Elective Course
.5 credits
Prerequisite: Clothing I

This course is a continuation of Clothing I. Students will be able to complete more difficult sewing projects with relative ease and will learn more about fabrics and design. Three or four projects will be completed throughout the semester.

FASHION ANALYSIS ▶
Course 9109FCE
Elective Course
.5 credits

This is a great course for students with a strong interest in fashion and design. Students will work with the elements and principles of design as they relate to fashion promotion and products. The Fashion industry and Fashion trends will be studied and students will apply personal styling theory to self and others. This course requires a higher level of reading, writing, communication and collaboration skills. A high level of independent work skills are also required.

This course requires a higher level of reading, writing, communication and collaboration skills. A high level of independent work skills are also required.

DESIGN STUDIO ▶
Course 9115FCE
Elective Course
.5 credits

Become a star! Take this course for an introduction to all different careers in the design field. Students will learn how to apply the principles of design as they complete projects. Students will also develop a product or service that they will market to other students and staff.

HOUSING AND INTERIOR DESIGN ▶
Course 9410FCE
Elective Course
.5 credits

Housing and Interior Design is a highly project based course that allows students to explore and discover their creative decorating potential. Through many hands-on projects, students will learn how to use the elements of design, color and principles of design to enhance their surroundings. Students will become knowledgeable about decor styles and landscape design. Students will have the opportunity to learn about the Housing industry from guest speakers and field trips. Housing and Interior Design is a great course for students who enjoy hands-on learning and expressing their creativity and imagination.

Additional Course Offering

TEENAGE PARENT ▶
Elective Course
.5 credits/semester
Prerequisite: for expectant parents

The teenage parent (TAP) program provides individualized instruction for students who are parents or expectant parents.
The curriculum includes a study of pregnancy, parenting skills and family planning. In addition, life skills units are taught to assist the students in life and work planning. The TAP program is coordinated with available vocational and job training programs to support students in achieving career goals. This individualized instruction is offered for one class period per day.

Mathematics Department Mission Statement

To strengthen all students' natural curiosity as problem-solvers by developing mathematical skills and authentic connections in our classroom and to our world.

Studying Math at Sun Prairie High Schools

The department encourages all students to take four years of math. Studies have shown that students do significantly better in post-secondary mathematics courses if they have taken a math class every year of their secondary education. All students need 3 credits of math to graduate. Mathematics is an essential tool in many fields including the trades, fine arts, family and consumer sciences, natural science, engineering, medicine, and the social sciences. The purpose of our math curricula is to provide all students with the opportunity to be successful at their current level of math development and to enable them to progress in their mathematical knowledge. The curricula we offer is comprehensive and due to math's sequential nature, it is important that you plan your complete math program to avoid scheduling conflicts. **Students taking Pre-Calculus, AP Calculus, AP Statistics, and Statistics may want to purchase their own graphics calculator (TI-83 or TI-84 series is recommended). All other classes will use a scientific calculator.**

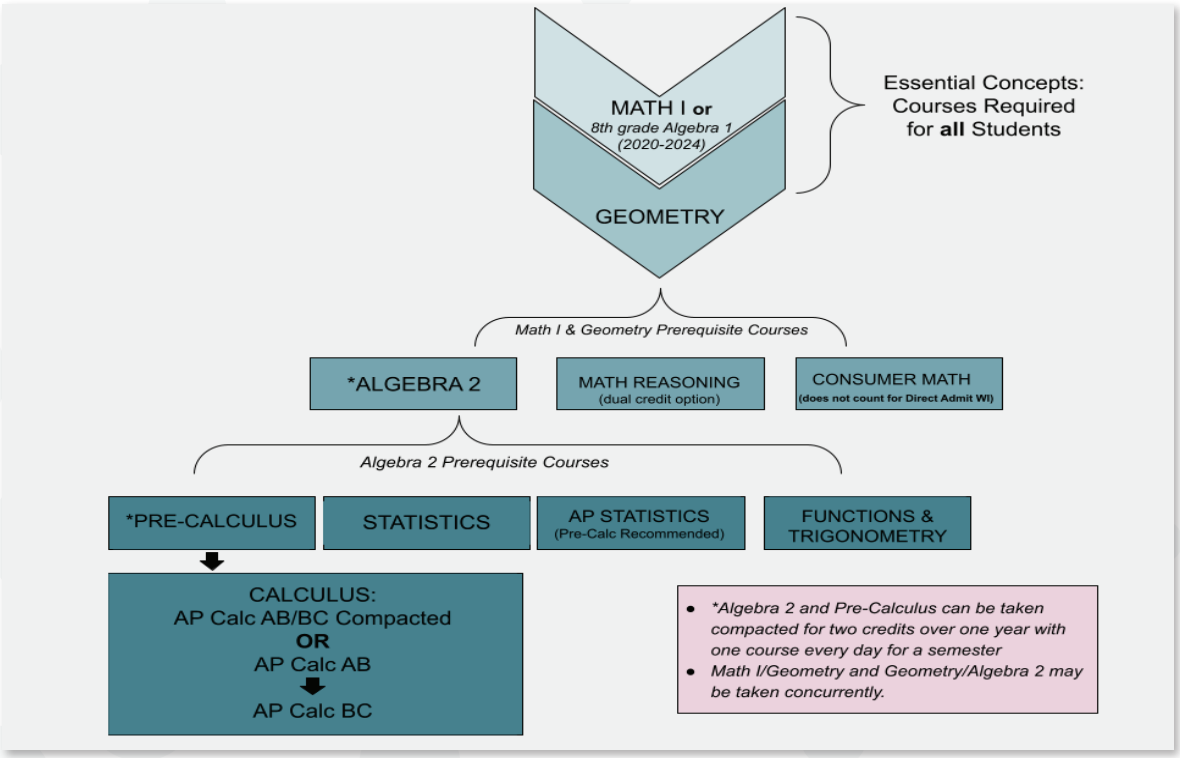
The K-12 district math curricula fosters independent thinkers who can work collaboratively to analyze problems and explain or justify their thinking. Our math department focuses on helping students understand not just the hows of math, but also the whys. Our materials align with our adopted Wisconsin Standards for Mathematics and have met all the critical benchmarks for fostering academic excellence in mathematics.

Colleges, universities, and vocational schools all have different entrance requirements. Students should meet with their counselor, speak with college admissions officers or go online to view specific math requirements.

What Math classes best fit my college/career goals?

Do I need to take…?	YES, if you are interested in...
4 years of math	No matter what you plan to study, most 4-year colleges require a minimum of Algebra 2 for freshmen applicants and *strongly* advise taking math all 4 years of high school.
Precalculus **Calculus (AB/BC)** **Functions and Trig(Alg 3)*** **Bundled Precalc/Physics** **Compacted Courses**	Any STEM-related field certainly requires Calculus, but here are some other calc-requiring *majors* that may surprise you: • Economics, Business, Accounting • Biology, Chemistry, Natural Sciences, Pre-Med • All types of Engineering If you are able to take Calc in high school, you will be much better prepared for your college Calc course, even if you don't get credit through the AP test. *Note: Many of these careers also use Statistics. Check with your colleges of interest to verify what is needed.* ***Functions and Trig(Alg 3) is optional and NOT a pre-requisite for Precalculus**
Statistics **AP Statistics**	Everyone can benefit from a Statistics course. Stats concepts pop up in every field one way or another, and almost ALL majors require a Stats course. Here are some careers that use statistics on a fairly regular basis: • Education • Public Service • Health and Wellness • Technology • Environment and Science • Sports • Finance • Manufacturing • Journalism • Data Science *Note: Some of these careers also require Calculus in the degree path. Check with your colleges of interest to verify what is needed.*
Math Reasoning For College** **Consumer Math**	Not all careers require Calc or Stats. For students who are looking for 3rd or 4th year math courses, these courses will help prepare students for college and technical college level math requirements. Careers that don't need Calc or Stats may include: • Liberal and Fine Arts • Trades • Hospitality, Fashion, Culinary Arts *** Dual credit courses allow you to earn up to 3.0 college credits through Madison College, which can be transferred to any UW system college and potentially other colleges*

References:
https://www.theclassroom.com/college-majors-need-calculus-25660.html
https://education.seattlepi.com/college-majors-need-calculus-2123.html
https://thisisstatistics.org/jobs-in-statistics/



Click each course title to see a video from the teachers talking about the course. Click here for sample math course pathways.

Course #	Title	Grades	Prerequisites	Length of Course/Credits Earned
3265 MTH 3266 MTH	Math I	9-12		Year / 1.0
3369 MTH 3370 MTH	Geometry	9-12		Year / 1.0
3485 MTH 3486 MTH	Algebra 2	10-12	Algebra 1 and Geometry	Year / 1.0
3493 MTH 3494 MTH	Functions and Trigonometry (Algebra 3)	10-12	Algebra 2	Year / 1.0
3383 MTH 3384 MTH	Math Reasoning for Transcripted Credit	11-12	Algebra 1 and Geometry	Year / 1.0
3588 MTH 3589 MTH	Pre-Calculus	10-12	Algebra 2	Year / 1.0
3596 MTH 3597 MTH	Advanced Placement (AP) Calculus AB	10-12	Pre-Calculus	Year / 1.0
3598 MTH 3599 MTH	Advanced Placement (AP) Calculus BC	10-12	Pre-Calculus and Calculus AB	Year / 1.0
3013 MTH 3014 MTH	Statistics	10-12	Algebra 2	Year / 1.0
3005 MTH 3006 MTH	Advanced Placement (AP) Statistics	10-12	Algebra 2 and *Recommended:* Pre-Calculus	Year / 1.0
3688 MTH 3788 MTH	Consumer Math	11-12	Algebra 1 and Geometry	Year / 1.0

Click the ▶ to see a video from Sun Prairie teachers talking about the course

MATH I ▶
Course 3265MTH, 3266MTH
Required Course
1.0 credit

In Math I, instructional time will expose learners to four domains of high school mathematics in our adopted Wisconsin Standards for Mathematics. Teaching and learning will focus on...

- Number and Quantity: The Real Number System, Quantities
- Algebra: Seeing Structure in Expressions, Creating Equations, Reasoning with Equations and Inequalities
- Functions: Interpreting Functions, Linear, Quadratic and Exponential Models
- Statistics and Probability: Interpreting Categorical and Quantitative Data

The Standards for Mathematical Practice will be addressed throughout the course as teachers plan and implement effective math instructional practices. These practices describe the behaviors and habits of mind we want all mathematically proficient students to exhibit.
Math Practice 1: Make sense of problems and persevere in solving them.
Math Practice 2: Reason abstractly and quantitatively.
Math Practice 3: Construct viable arguments and appreciate and critique the reasoning of others.
Math Practice 4: Model with mathematics.
Math Practice 5: Use appropriate tools strategically.
Math Practice 6: Attend to precision.
Math Practice 7: Look for and make use of structure.
Math Practice 8: Look for and express regularity in repeated reasoning.

Math I will also integrate the following Social Emotional Learning (SEL) Standards:
SEL 4: Learners will be able to independently use organizational skills and strategies to focus attention by working toward long-term personal and academic goals.
SEL 11: Learners will be able to recognize barriers to succeeding and identify supports to help themselves.

GEOMETRY ▶
Course 3369MTH, 3370MTH
Required Course
1.0 credit

Geometry centers on the study of shapes. Students will investigate new situations, discover relationships and decide on strategies that can be used to solve problems. The concepts taught in this course will be connected to other topics. During this course, students will collaborate with each other as members of study teams. By the end of the course, they will have an understanding of a variety of geometric principles and properties. Students will see how these principles and properties are related and can be used together to solve problems. Some of the topics covered are shapes and transformations, angles and measurement, polygons and circles and congruent triangles.

ALGEBRA 2 ▶
Course 3485MTH, 3486MTH
Elective Course
1.0 credit
Prerequisite: Algebra 1/Math I and Geometry

Algebra 2 aims to apply and extend what students have learned in previous mathematics courses by focusing students on multiple representations of functions and relations and on finding connections among the ideas they are studying. Students in Algebra 2 will continue to use problem solving strategies, questioning, investigation and explaining in conjunction with their knowledge of the connections among algebra, geometry and functions to analyze problems and formulate solutions. Throughout the course they will also use these strategies to extend their current knowledge by making new connections.

FUNCTIONS AND TRIGONOMETRY (ALGEBRA 3) ▶
Course 3493MTH, 3494MTH
Elective Course
1.0 credit
Prerequisite: Algebra 2

Functions and Trigonometry (Algebra 3) is a class for students who want to pursue higher-level math and are looking for an opportunity to improve their skills before taking PreCalculus. The course content will include real-world applications of Algebra 2 skills as well as some data science and statistics, and it will preview skills needed to be successful in PreCalculus. The emphasis of the course will be to build confidence and skills for students to feel prepared and be successful in math courses such as PreCalculus, AP Calculus, Stats and AP Stats. This course is not required to be taken before PreCalculus, but students can choose to take it to improve their Algebra 2 skills.

MATH REASONING FOR TRANSCRIPTED CREDIT ▶

Course 3383MTH, 3384MTH
Elective Course
1.0 credit
Prerequisite: Algebra 1/Math I and Geometry
Note: Dual Credit may be offered

Math Reasoning for Transcripted Credit is a dual-credit (through Madison College) course aimed at developing quantitative skills and applying them to various real world applications. Students will learn how to use number sense, algebra and statistics to model solutions for applications such as analyzing finance, assessing risk, understanding statistical studies and following trends in society.

When taught by a certified Madison College trained teacher and with successful completion of the course (passing the required exam), the student can receive Madison College credit. Dual Credit is available to juniors and seniors. Dual Credit is not guaranteed each year.

This course is the prerequisite to "Quantitative Reasoning" at Madison College which completes the math requirements for many liberal arts transfer and health pathway students.

PRE-CALCULUS ▶

Course 3588MTH, 3589MTH
Elective Course
1.0 credit
Prerequisite: Algebra 2

Pre-Calculus provides the tools needed for college mathematics courses, particularly calculus. Students will build on their learning from Algebra 2 and Geometry to construct a deeper understanding of many different functions. Students will investigate functions in new ways and work with more abstract forms, including trigonometric functions. Students will also develop a deeper understanding of limits, area, and slope that are essential in the development of calculus. Pre-Calculus students will continue to use problem solving strategies, questioning, investigation and explanations to extend their current knowledge by making connections.

COMPACTED ALGEBRA 2 AND PRE-CALCULUS

Course 3470COMP, 3471COMP
2.0 Credits
Prerequisite: Algebra 1/Math I and Geometry

Students signing up for compacted Algebra 2 and Pre-Calculus will earn 2 math credits in one school year. Students will have Algebra 2 everyday first semester and Pre-Calculus everyday second semester. Students choosing this option commit to taking two years of math coursework in one school year.

** For students only wanting to take one of these courses, each are offered independently in the AB block format.

BUNDLED PHYSICS AND PRE-CALCULUS ▶
Course 4444BUND, 4544BUND, 3588BUND, 3589BUND
2.0 Credits
Prerequisite: Algebra 2

The Physics/Pre-Calculus Bundled course brings together learning on mathematical concepts by linking them to physics phenomenon that we investigate in our combined class. Students taking this course will earn 2 credits, one full year for math (Pre-calculus) and one full credit for physical science (Physics). We meet every day with the same cohort of students who are co-taught by one math and one physics teacher. While we are learning these concepts students will often see direct connections between their math concepts and their physics concepts strengthening their understanding of each subject.

PLEASE NOTE: students have the option to elect to take the AP Physics 1 test at the end of this course. This requires students to register for the exam and indicate to their Physics teacher that they wish to pursue this option. It will add a higher level of challenge to the class with the ability to potentially gain some college credit! The math skills we learn will help to make this challenge much easier.

ADVANCED PLACEMENT (AP) CALCULUS AB ▶
Course 3596MTH, 3597MTH
Elective Course
1.0 credit
Prerequisite: Pre-Calculus

During the first semester, students will deal with concepts such as the limit of a function, continuity, the derivative and anti-derivative of a function, and the fundamental theorem of Calculus; topics include the extrema of a function, inflection points, related rates, maxima and minima of a function, Riemann sums, and area under a curve. Second semester topics include areas between curves, volumes of solids of revolution by the washer and disc method, derivatives and integrals of exponential, logarithmic, and trigonometric functions. Emphasis will be on techniques of integration. Second semester will also include review and preparation for the Advanced Placement Calculus Test. A significant amount of time will be needed to complete assigned work.

COMPACTED PRE-CALCULUS AND ADVANCED PLACEMENT (AP) CALCULUS AB
Course 3472COMP, 3473COMP
2.0 Credits
Prerequisite: Algebra 2

Students signing up for compacted Pre-Calculus and Calculus AP will earn two math credits in one school year. Students will have Pre-Calculus every day first semester and calculus AB every day second semester. Students choosing this option commit to taking two years of math coursework in one school year.
** For students only wanting to take one of these courses, each are offered independently in the AB block format.

ADVANCED PLACEMENT (AP) CALCULUS BC ▶
Course 3598MTH, 3599MTH
Elective Course
1.0 credit
Prerequisite: Pre-Calculus and Advanced Placement (AP) Calculus AB

Calculus BC is an extension of Calculus AB. It addresses additional topics such as indeterminate forms, advanced techniques of integration, and a detailed study of sequences and series. This is an advanced placement course that prepares students to take the Calculus BC exam. Calculus AB must be completed prior to a student completing Calculus BC. For students wishing to complete both AB and BC in one school year, these two courses may be offered as a double-period full-year course.

Note: College Board does not permit students to take both the Calculus AB and Calculus BC exams within the same year. If students take the BC exam, they will also receive an AB sub-score.

COMPACTED ADVANCED PLACEMENT (AP) CALCULUS AB AND ADVANCED PLACEMENT (AP) CALCULUS BC
Course 3474COMP, 3475COMP
2.0 Credits
Prerequisite: Pre-Calculus

Students signing up for compacted Calculus AB and Calculus BC will earn two math credits in one school year. Students will have Calculus AB every day first semester and Calculus BC every day second semester. Students choosing this option commit to taking two years of math coursework in one school year.

** For students only wanting to take one of these courses, each are offered independently in the AB block format.

STATISTICS ▶
Course 3013MTH, 3014MTH
Elective Course
1.0 credit
Prerequisite: Algebra 2

Statistics, the science of data, introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to four broad conceptual themes: Exploring Data (observing patterns and departures from patterns – analyzing, summarizing, and comparing graphical displays and numerical summaries of data); Planning a Study (deciding what and how to measure, implementing methods of data collection, conducting observational studies and surveys and designing experiments); Anticipating Patterns (producing models using probability theory and simulation, investigating probability, and sampling distributions); and Statistical Inference (confirming models, constructing confidence intervals and hypothesis testing). This course will cover many of the same topics as AP Statistics, but with less rigor in the assessments and projects.

ADVANCED PLACEMENT (AP) STATISTICS ▶
Course 3005MTH, 3006MTH
Elective Course
1.0 credit
Prerequisite: Algebra 2 and Recommended: Pre-Calculus

Statistics, the science of data, introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students may have the opportunity to take a field trip to a Brewer game and use real life sports data to practice exploring and analyzing data. Students are exposed to four broad conceptual themes:

1. **Exploring Data: Observing patterns and departures from patterns** – analyzing, summarizing, and comparing graphical displays and numerical summaries of data
2. **Planning a Study: Deciding what and how to measure** – implementing methods of data collection, conducting observational studies and surveys, and designing experiments
3. **Anticipating Patterns: Producing models using probability theory and simulation** – investigating probability, probability distributions, and sampling distributions
4. **Statistical Inference: Confirming models** – constructing confidence intervals and hypothesis testing

CONSUMER MATH ▶
Course 3688MTH, 3788MTH
Elective Course
1.0 credit
Prerequisite: Algebra 1 and Geometry

This course features applications of practical mathematics for everyday living. Topics may include checking and savings accounts, gross and net income, consumer credit, including charge accounts and credit cards, probability and statistics, income tax, the costs of owning and operating a car, traveling, types of insurance, and investments and personal budgeting. Throughout the year, spreadsheets and online assignments will be used to reinforce topics. This course is typically not accepted as a college entrance course and does not qualify for Direct Admit Wisconsin.

Music Department Mission Statement

The Sun Prairie music program will provide all students the opportunity to achieve musical excellence through a variety of musical experiences. Students will learn valuable life skills, grow aesthetically, feel successful, and create connections that will establish a lifelong appreciation of music.

Music at Sun Prairie High Schools

The music curricula at Sun Prairie High Schools is designed to expand a student's insight into music. Multiple performing ensembles and non-performance courses give students many opportunities to study music. Studies have shown the importance of creativity and the arts. Sensitivity to, and understanding of, music will give a student a lifelong appreciation of one of the world's greatest art forms.

Participation in band, choir, and/or orchestra provides for the following instruction:
1. Small group lesson curriculum (instrument or voice specific)
2. Ensemble class learning
3. One credit toward graduation is earned per year

Students who enroll in band, choir, and/or orchestra are expected to attend and participate in performances scheduled outside of regular class time. Ensembles of any size require people to work together seamlessly; repetitive absences hinder the ability to understand and work with ensembles as a whole. Repetitive tardiness and/or unexcused absences (class/lessons), therefore, will result in the loss of performance privileges.

Music Department Notes

Students must be enrolled in a concert band class to participate in co-curricular ensembles listed as follows:

Band:
1. Jazz Ensemble
2. Jazz Combos
3. Epoch Sound Pep Band
4. Sound of Sun Prairie Marching Band
5. Band Chamber Ensembles
6. District State Solo/Ensemble

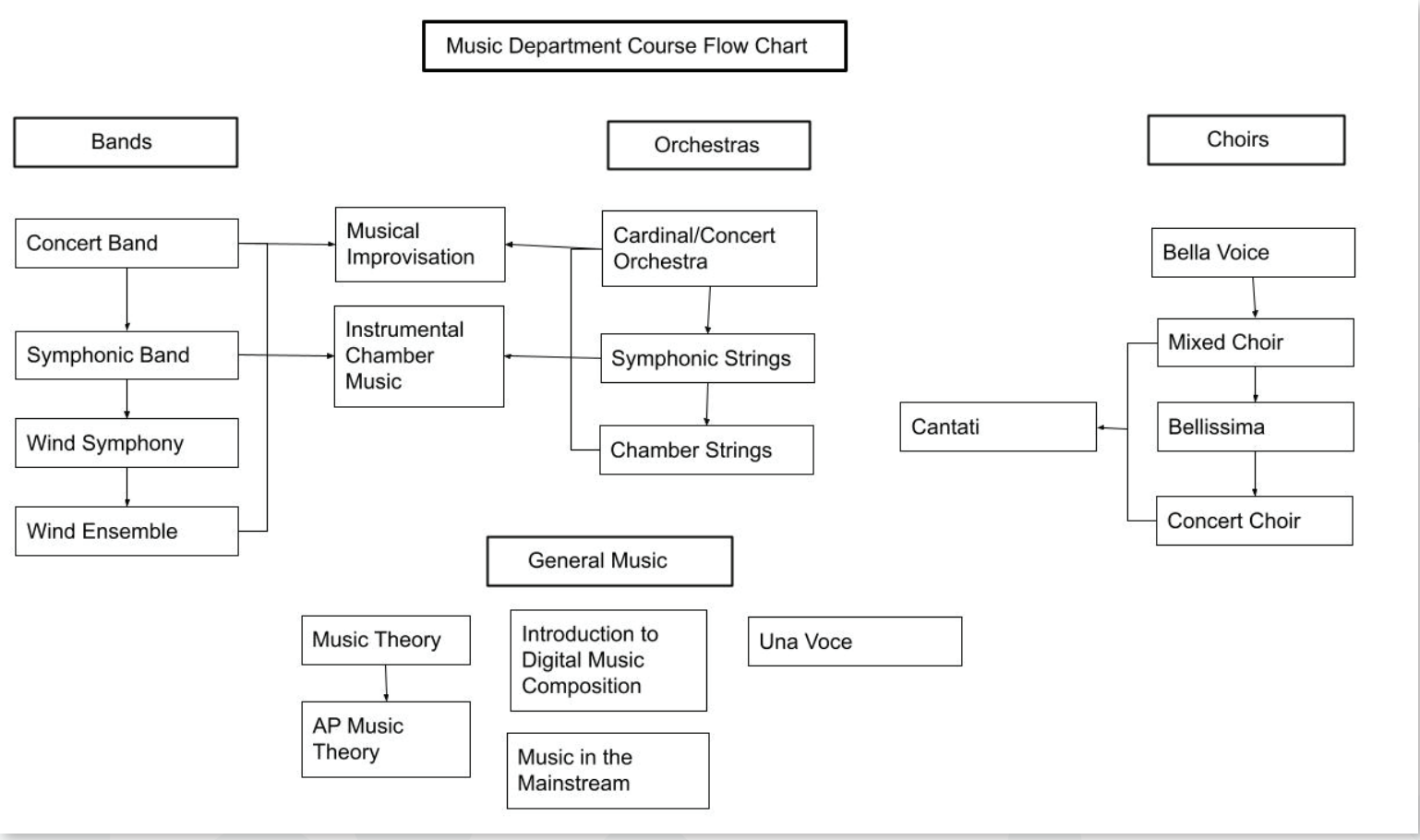
Orchestra:
1. String Quartet
2. Pop Strings
3. District State Solo/ Ensemble

Choir:
1. Madrigal Singers
2. District State Solo/Ensemble

Fees

Band: A $50.00 per year fee is charged for use of school-owned instruments (including percussion).

Orchestra: A $50.00 per year fee is charged for students using a school owned instrument as their only instrument. A $25.00 per year fee is charged if the instrument is only used at school.


Music Department Course Flow Chart
Bands
Concert Band
Symphonic Band
Wind Symphony
Wind Ensemble
Musical Improvisation
Instrumental Chamber Music
Orchestras
Cardinal/Concert Orchestra
Symphonic Strings
Chamber Strings
Choirs
Bella Voice
Mixed Choir
Bellissima
Concert Choir
Cantati
General Music
Music Theory
AP Music Theory
Introduction to Digital Music Composition
Music in the Mainstream
Una Voce

Click each course title to see a video from the teachers talking about the course.

Course #	Title	Grades	Prerequisites	Length of Course/Credits Earned
7005 MUS 7006 MUS	Concert Band	9-12	None	Year / 1.0
7008 MUS 7009 MUS	Wind Symphony	9-12	Admission by audition	Year / 1.0
7001 MUS 7002 MUS	Symphonic Band	9-12	Previous study on a band instrument and Audition	Year / 1.0
7101 MUS 7102 MUS	Wind Ensemble	9-12	Admission by audition	Year / 1.0
7107 MUS 7108 MUS	Concert Orchestra	9-12	None	Year / 1.0
7103 MUS 7104 MUS	Symphonic Orchestra	9-12	Concert Orchestra	Year / 1.0
7105 MUS 7106 MUS	Chamber Orchestra	9-12	Concert Orchestra and consent of instructor	Year / 1.0
7113MUS	Instrumental Chamber Music	9-12	Previous study on an instrument and concurrent enrollment in a band or orchestra class	Semester / .5
7115MUS	Musical Improvisation	9-12	Previous study on an instrument and concurrent enrollment in a band or orchestra class	Semester / .5
7135 MUS 7136 MUS	Mixed Choir	9-12	None	Year / 1.0
7143 MUS 7144 MUS	Bella Voce Choir	9-12	None	Year / 1.0
7149 MUS	Cantati Choir	9-12	Concurrent enrollment in another music ensemble	Semester / .5
7157 MUS 7158 MUS	Bellissima	9-12	Experience in Mixed Choir or admission by audition	Year / 1.0
7155 MUS 7156 MUS	Concert Choir	9-12	Experience in Mixed Choir, Bellissima or admission by audition	Year / 1.0
7131 MUS	Una Voce - Unified Choir	9-12	None	Semester / .5
7160 MUS	Introduction to Digital Music Composition	9-12	None	Semester / .5
7165 MUS	Music Theory	9-12	Consent of Instructor	Semester / .5
7168 MUS 7169 MUS	Advanced Placement (AP) Music Theory	10-12	Music Theory	Year / 1.0
7167 MUS	Music in the Mainstream	9-12	None	Semester / .5

CONCERT BAND
Course 7005MUS, 7006MUS
Elective Course
1.0 credit
A $50.00/ per year fee is charged for school-owned instruments (including percussion).

This is the entry-level band that is intended for students who did not wish to audition, or for those working to acquire the skills necessary to be successful in an upper-level band. Music equipment will be necessary for class, weekly lessons and concert performances which are a requirement of the class. Individual practice outside of class is also necessary. It is also available to students wishing to begin study of a band instrument. Beginners' entrance into the ensemble will be based on proficiency determined by the director.

WIND SYMPHONY
Course 7008MUS, 7009MUS
Elective Course
1.0 credit
Prerequisite: Admission by audition
A $50.00/ per year fee is charged if student rents a school-owned instrument (including percussion).

This course is open to students by audition. It is designed for students with a command of instrumental/band music fundamentals and an interest in accelerated music study.

Students will explore and study music through performance. Musical insight is developed through working with guest clinicians, conductors and composers. Participation in class tours and events is expected for members of the Wind Symphony.

Attendance at weekly small group lesson and all concerts are a class requirement. Music equipment will be necessary for daily class, weekly lessons and concert performances. Individual practice outside of class is expected.

SYMPHONIC BAND
Course 7001MUS, 7002MUS
Elective Course
1.0 credit
Prerequisite: Previous study of a band instrument and audition
A $50.00/ per year fee is charged for use of school-owned instruments (including percussion).

This course is designed for the high school band student. A wide variety of upper level band literature will be studied. Music equipment will be necessary for class, lessons, and performances. Attendance at all lessons and concerts is required. Individual practice outside of rehearsals is required.

WIND ENSEMBLE
Course 7101MUS, 7102MUS
Elective Course
1.0 credit
Prerequisite: Admission by audition
A $50.00/ per year fee is charged for use of school-owned instruments (including percussion).

This course is designed for the most advanced student. Refined techniques of performance skills are demanded by the advanced music literature, which is studied. Music equipment will be necessary for class, lessons, and performances. Attendance at all extra rehearsals, lessons, and concerts is required. Individual practice outside of rehearsals is required. Out of district performances are possible.

CONCERT ORCHESTRA
Course 7107MUS, 7108MUS
Elective Course
1.0 credit
A $50.00/ per year fee is charged for students using a school owned instrument as their only instrument. A $25.00 per year fee is charged if the instrument is only used at school.

This course is an entry-level course open to any students interested in studying instrumental performance on the violin, viola, cello, or string bass. A wide variety of orchestra literature will be studied. Attendance at weekly lessons and all concerts is a class requirement. Music equipment will be necessary for daily class, weekly lessons and concert performances. Individual practice outside of class is expected.

SYMPHONIC ORCHESTRA
Course 7103MUS, 7104MUS
Elective Course
1.0credit
Prerequisite: Concert Orchestra
A $50.00/ per year fee is charged for students using a school owned instrument as their only instrument. A $25.00 per year fee is charged if the instrument is only used at school.

This class is available to students who have a good command of the fundamentals of instrumental performance on the violin, viola, cello, or string bass. A wide variety of orchestra literature will be studied. Music equipment will be necessary for class, lessons, and performances, some of which students must provide. Attendance at all school concerts is required.

CHAMBER ORCHESTRA
Course 7105MUS, 7106MUS
Elective Course
1.0 credit
Prerequisite: Concert Orchestra and Consent of Instructor
A $50.00/ per year fee is charged for students using a school owned instrument as their only instrument. A $25.00 per year fee is charged if the instrument is only used at school.

Designed for the advanced student studying the violin, viola, cello, or string bass. Refined techniques of performance skills are demanded by the advanced music literature that is studied. Music equipment will be necessary for class, lessons, and performances, some of which students must provide. Participation in performances outside of the normal school concert schedule is expected and attendance at all school concerts is required.

INSTRUMENTAL CHAMBER MUSIC
Course 7113MUS
Elective Course
.5 credit
Prerequisite: Previous study on an instrument and concurrent enrollment in a band or orchestra class

There is a long and rich history of chamber music in all cultures. Chamber music is made of small groups (typically two to five musicians), often in smaller spaces and thus the name chamber music. It is a collaborative music-making process that relies on the democratic rehearsing and performance of music. This elective course provides students the opportunity to create chamber music in student-led groups that would work with the teacher as a guide or mentor in their musical process.

MUSICAL IMPROVISATION
Course 7115MUS
Elective Course
.5 credit
Prerequisite: Previous study on an instrument and concurrent enrollment in a band or orchestra class

Starting with simple scale fragments, you can start on the road to improvisation. This class will explore improvisation in both classical music and jazz. Through the use of improvisation games students will create original melodic, harmonic, and rhythmic ideas while working within a group framework. Learn more about how harmony influences form and melodies. Improvise using the blues, scales, and modes. Improvisation is for everyone!

Click the ▶ to see a video from Sun Prairie teachers talking about the course

MIXED CHOIR ▶
Course 7135MUS, 7136MUS
Elective Course
1.0 credit

This is an introductory course in choral music for mixed voices. Included in the course are the studies of singing and performing, and the fundamentals of reading and writing music. Weekly voice lessons and six concert performances throughout the year are required parts of this course. No audition or previous experience necessary.

BELLA VOCE CHOIR ▶
Course 7143MUS, 7144MUS
Elective Course
1.0 credit

BELLA VOCE Choir is open to all Soprano and Alto voices who wish to improve as a singer and musician. The course is open to all students who wish to sing! BELLA VOCE Choir performs at least five times throughout the year.

Attendance and participation at all concerts, rehearsals, and weekly lessons is required.

CANTATI CHOIR ▶
Course 7149MUS
Elective Course
.5 credit

CANTATI Choir is open to all Tenor and Bass voices who wish to improve as a singer and musician. The course will further develop skills learned in middle school choir but is open to all students who wish to sing! CANTATI Choir performs at least five times throughout the year.

Attendance and participation at all concerts, rehearsals, and weekly lessons is required.

BELLISSIMA ▶
Course 7157MUS, 7158MUS
Elective Course
1.0 credit
Prerequisite: Experience in Mixed Choir or admission by instructor.

This is an advanced course in choral music for treble voices. Outstanding choral literature is studied in rehearsals and prepared for performance. Attendance at weekly voice lessons and all performances is required. Experience in Mixed Choir or consent of instructor is needed for admission to Bellissima.

CONCERT CHOIR ▶
Course 7155MUS, 7156MUS
Elective Course
1.0 credit
Prerequisite: Senior standing or experience in Mixed Choir, Bellissima, or consent of instructor is needed for admission to Concert Choir

This is an advanced course in choral music for mixed voices. Outstanding choral literature is studied in rehearsals and prepared for performance. Attendance at weekly voice lessons and performances is required.

UNA VOCE - UNIFIED CHOIR ▶
Course 7131MUS
Elective Course
.5 credit

This course combines students of all abilities to participate in developmentally appropriate musical activities including singing, playing instruments and creating music. Students will work together to increase competence and confidence in a variety of musical genres. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students.

INTRODUCTION TO DIGITAL MUSIC COMPOSITION ▶
Course 7160MUS
Elective Course
.5 credit

This course is open to all students. It is an opportunity for students to compose music using state-of-the-art technology and featuring the software GarageBand. Students will analyze several musical styles and study various compositional techniques. Through GarageBand students will create a variety of compositions which include movie music, music to accompany a short story, music that describes artwork, and their own original melodies.

MUSIC THEORY
Course 7165MUS
Elective Course
.5 credits
Prerequisite: Consent of instructor.

Music Theory is designed for students who are going to pursue music as a major in college. This course covers aspects of music theory, musical analysis, ear training, and sight singing in an advanced setting.

ADVANCED PLACEMENT (AP) MUSIC THEORY
Course 7168MUS, 7169MUS
Elective Course
1.0 credit
Prerequisite: Music Theory

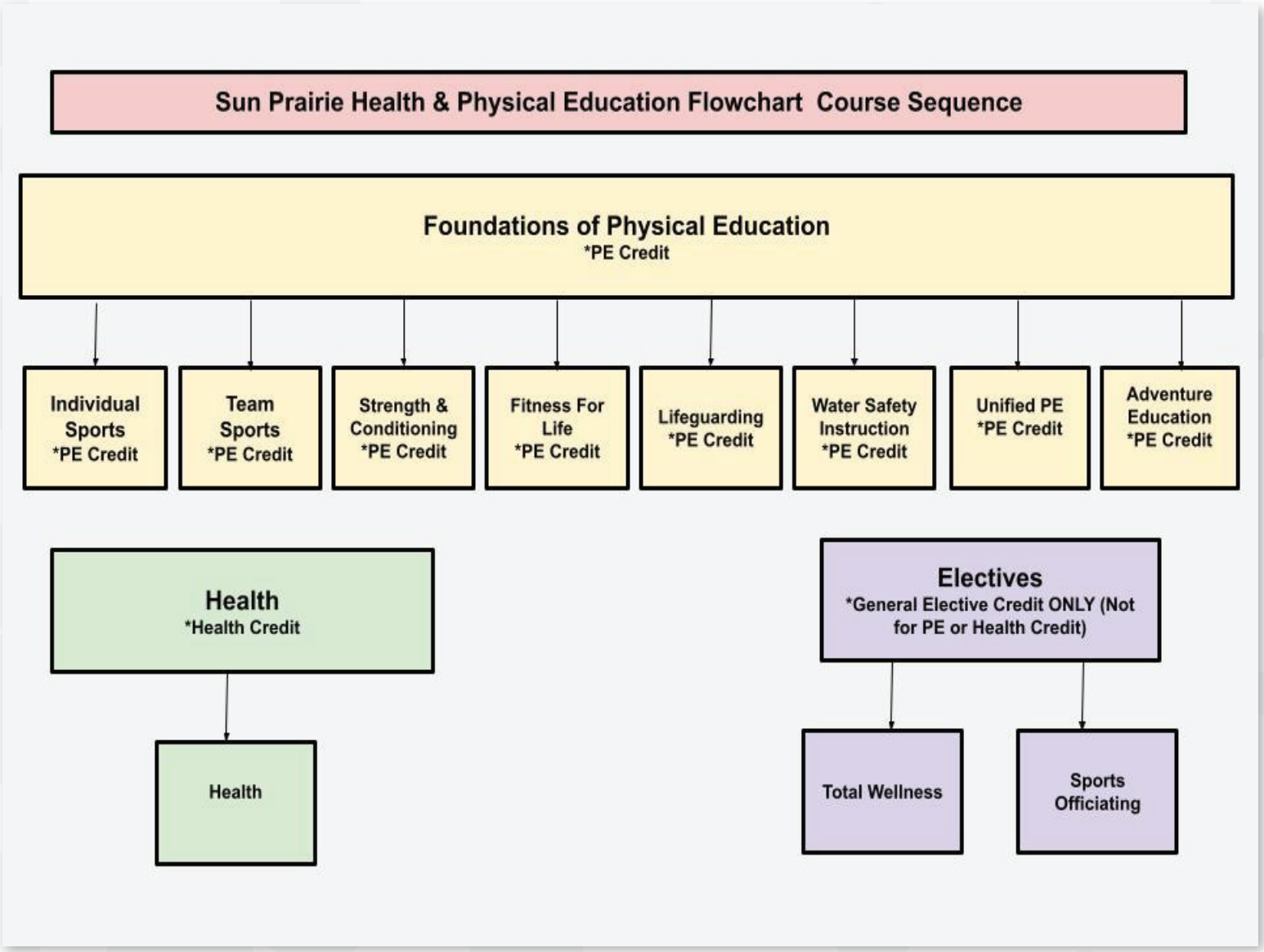
AP Music Theory will develop students' ability to recognize, understand, and describe music that is presented in a score. The student will further develop aural, sight-singing, written, compositional and analytical skills through a variety of performance exercises and score study.

MUSIC IN THE MAINSTREAM ▶
Course 7167MUS
Elective Course
.5 credits

Music in the Mainstream is a non-performance music course for any student who enjoys and appreciates music. This course studies the role music plays in our lives and across the world. Students will explore and create different genres of music, and have many opportunities to share their own musical interests.

During their four years of high school, all students are required to take 1.5 credits of Physical Education for graduation and also for Wisconsin State Law. Credits must be earned over three separate years. Physical Education classes meet every day for one semester and grades earned are included in the overall grade point average. The physical education department encourages students to take a half credit each year of high school to help maintain a healthy lifestyle.

Foundations of Physical Education, Fitness for Life, Individual Sports, Team Sports, Strength and Conditioning, Unified Physical Education, Lifeguard Training, and Adventure Education are the courses offered at the high schools that are available for PE credit. In order to participate in Physical Education, students will be required to have a uniform consisting of a t-shirt, athletic shorts, sweatpants, sweatshirts, and tennis shoes. All Physical Education classes offered will be required to use the pool for activities, and therefore students will need appropriate swim wear and a towel.



Click each course title to see a video from the teachers talking about the course.

Course #	Title	Grades	Prerequisites	Length of Course/Credits Earned
5101 PED	Foundations of Physical Education	9	None	Semester / .5
5120 PED	Adventure Education	9-12 Recommended for 10th-12th	Foundations of Physical Education	Semester / .5
5201 PED	Fitness For Life	9-12 Recommended for 10th-12th	Foundations of Physical Education	Semester / .5
5200 PED	Strength and Conditioning	9-12 Recommended for 10th-12th	Foundations of Physical Education	Semester / .5
5235 PED	Individual Sports	9-12 (10-12 recommended)	Foundations of Physical Education	Semester / .5
5275 PED	Team Sports	9-12 Recommended for 10th-12th	Foundations of Physical Education	Semester / .5
5301 PED	Lifeguard Training	10-12	Foundations of Physical Education/ Read Course Description	Semester / .5
5203 PED	Unified Physical Education	9-12 Recommended for 10th-12th	Foundations of Physical Education and Complete Application	Semester / .5
5280 PED	Sports Officiating	9-12 Recommended for 10th-12th	Foundations of Physical Education	Semester / .5
5701 HEA	Health	9-12 Strongly recommended for 10th	None	Semester / .5

Click the ▶ to see a video from Sun Prairie teachers talking about the course

FOUNDATIONS OF PHYSICAL EDUCATION ▶
Course 5101PED
Required Course
.5 PE creditZ

Students take a field trip to Prairie Lanes.

Students selecting this course will participate in various individual sports, team sports, and fitness-related activities. The activities selected are intended to prepare students for the elective courses offered at the high school level. They will also prepare students to make choices that reflect a healthy lifestyle outside of the school setting

ADVENTURE EDUCATION ▶
Course 5120PED
Elective Course
.5 PE credit
Prerequisite: Foundations of Physical Education
Recommended: Grades 10-12

Students will take two field trips. This could include kayaking at Brittingham Park, hiking at Devils Lake, Indoor Climbing at Boulders Climbing Gym in Madison, inline skating (on campus), ice skating at Sun Prairie Ice Arena, and bowling at Prairie Lanes.

This course will allow students to progress through an experiential-based program that emphasizes interpersonal relationships and individual growth. This course encourages students to develop greater self-confidence and, at the same time, acquire a sense of trust and commitment in their classmates. Outdoor education is designed to expose students to a variety of outdoor skills.

FITNESS FOR LIFE ▶
Course 5201PED
Elective Course
.5 PE credit
Prerequisite: Foundations of Physical Education
Recommended: Grades 10-12

Students will visit the Prairie Athletic Club to tour the facility and join a group fitness workout.

This course is designed to provide students with an opportunity to learn and participate in movement-based activities, as well as create a personal fitness plan. Activities may include aerobics, dance, yoga, water exercise, weight training, relaxation, Pilates, power walking, snowshoeing, x-country skiing, biking, fitness related activities, as well as self-defense concepts and skills. There will be a small classroom portion of this course for students to learn about good nutrition and a healthy lifestyle.

STRENGTH AND CONDITIONING ▶
Course 5200PED
Elective Course
.5 PE credit
Prerequisite: Foundations of Physical Education
Recommended: Grades 10-12

Students will visit the Prairie Athletic Club to tour the facility and join a group fitness workout.

This course is designed to be a challenging strength and conditioning course. In this course the students will be expected to implement a personal fitness program. To assure the students reach their expected results, they will be measured weekly in different areas of achievement. Achievement will be based on personal fitness goals that are designed by the instructor and student together. This course includes strength, cardio, water resistance, and agility training.

INDIVIDUAL SPORTS ▶
Course 5235PED
Elective Course
.5 PE credit
Prerequisite: Foundations of Physical Education
Recommended: Grades 10-12

Students take a field trip to Prairie Lanes and the Sun Prairie Ice Arena to engage in physical activity as a form of recreation, offering enjoyment, personal challenge, and the chance to interact with peers in a social environment.

This course offers students the opportunity to experience a variety of sports, which may provide lifelong fitness and wellness. These sports focus on individual achievement compared to activities that focus on team competition. Some activities offered may include: archery, badminton, bowling, tennis, fitness, golf, biking, table tennis, yard games, pickleball, x-country skiing, snow shoeing, ice skating, and water exercise.

TEAM SPORTS ▶
Course 5275PED
Elective Course
.5 PE credit
Prerequisite: Foundations of Physical Education
Recommended: Grades 10-12

Students take a field trip to Prairie Lanes and the Sun Prairie Ice Arena.

This course is designed to provide students with the opportunity to experience a variety of sports in a team setting. In the future, these sports may be included in ones' healthy lifestyle choices. Activities may include basketball, volleyball, flag football, floor hockey, lacrosse, softball, eclipse ball, ultimate frisbee, speedball, bowling, broomball, handball, and water polo.

LIFEGUARD TRAINING ▶
Course 5301PED
Elective Course
.5 PE credit
Prerequisite: Foundations of Physical Education
Course fee: $35 is for the American Red Cross certification

Students will visit the Prairie Athletic Club to learn how their aquatics areas are set up and staffed for patron safety.

This course is designed for students to become trained lifeguards. To complete this training, students will have days in the water and also in the classroom. Attendance is mandatory as the Red Cross specifies you must complete 32 hours of coursework during scheduled class time. Skills developed will help students to recognize and prevent injuries. They will be trained in rescue skills on land and in the water, and also in First Aid and CPR. In addition to mandatory attendance, certification is based on skill/written test completion. Participants will also learn how to interact with school-age children, community members, and address uncooperative patrons using the facilities. Successful completion of this course will give the student an opportunity to provide a health-related service to the community.

Students must be able to successfully complete the criteria below:

1. **Must be 15 years old by the time the course ends**
2. **All participants must complete the required swimming skills prerequisite, including a swim-tread-swim sequence and brick test.**
3. **Participants must complete 3 final skills assessments**
   - **•Rotate in - conduct surveillance – rotate out**
   - **•Timed Single-rescuer CPR Scenario**
   - **•Multiple Rescuer Response Scenario**
4. **Participants will need to take one final written exam, which will consist of 50 questions, and score a minimum of 80%.**
5.

UNIFIED PHYSICAL EDUCATION ▶
Course 5203PED
Elective Course
.5 PE credit
Prerequisite: Foundations of Physical Education and Complete Application
Recommended: Grades 10-12

Students take a field trip to Prairie Lanes and Boulders Climbing Gym to engage in physical activity as a form of recreation, offering enjoyment, personal challenge, and the chance to interact with peers in a social environment. Additionally, students will engage in an inline skating unit where they will demonstrate competency in various motor skills while exhibiting positive social behavior that respects themselves and others.

This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, participants in this course will be empowered to help create a more inclusive and accepting school environment for all students.

Expected learning outcomes include increasing physical fitness, Improving activity-specific skills, cooperating and working together with classmates, learning how to make better health & lifestyle choices, and understanding each other's differences.

Students will learn and participate in units including Team Building, Paralympics, Hiking/Camping, Biking, Yard Games/Disc Golf, Fitness & Drumming, Net Games, Team Games, Bowling, Archery and Swimming. Assessments for understanding can include daily logs, unit summatives, and group projects. Students will travel to Prairie Lanes to learn and demonstrate their knowledge of bowling.

SPORTS OFFICIATING ▶
Course 5280PED
Elective Course
.5 General elective credit
Prerequisite: Foundations of Physical Education
Preferred: Grades 10-12
NOTE: This course does not count toward required Physical Education credits for graduation.

Sports Officiating is a course designed to provide students training and practical experiences officiating in 1-2 WIAA sports of their choice.

The course will to provide students the knowledge and expertise necessary to officiate as restricted officials with the Wisconsin High School Athletic Association (WIAA).
The course is based on practices pertaining to the National Federation Officials Manual and the Wisconsin High School Athletic Association Officials Rules Regulations.

Upon successful completion of the course, students have the option of becoming a certified restricted official with the WIAA by obtaining an 80% on the written exam.

HEALTH ▶
Course 5701HEA
Required Course
.5 Health credit
Preferred: Grades 10-12

This is a Skill Based Health Course which allows students to practice health based skills through participatory approaches.

The emphasis of this course is:

- Provide functional health knowledge that is basic, accurate and directly contributes to health-promoting decisions and behaviors.
- To build personal competence, social competence, and self-efficacy by addressing skills.
- Provide opportunities to reinforce skills and positive health behaviors.

Successful completion of Health is a graduation requirement.

As an option, students may pay the Red Cross fee of $5.00 for certification in CPR.

Science Department Vision Statement

Students will be lifelong scientific learners that view science as both a body of knowledge and an evidence-based model and theory building enterprise that continually extends, refines, and revises knowledge. Each course will be centered on scientific and engineering practices, crosscutting concepts, and disciplinary core ideas. Scientific opportunities will be linked with the community and explored through careers, which connect to the real world.

Graduation Requirement: *All students need 3 credits of science to graduate. One credit must be a life science credit and one credit a physical science credit. All students are required to take one semester of Introduction to Ecology (Advanced Placement Environmental Science will fill this requirement). The remaining semester can be any science class.*

What Science Class Should I Take?

Requirements for Graduation - 3.0 total credits:

Ecology - need .5 credit for graduation (2021 and later) (minimum requirement)

Required Course: (.5 credit) • Introduction to Ecology	OR	Fulfills requirement: • AP Environmental Science (1.0 credit) • Global Food and Sustainability Academy (AP Environmental Science)

Life Science - need 1.0 credit for graduation (minimum requirement)

Pick 1 of these: (1.0 credit each) • Biology • AP Biology • AP Environmental Science (this would fulfill the ecology requirement) • Global Food and Sustainability Academy (AP Environmental Science)	OR	Pick 2 of these: (.5 credit each) • Genetics and Biotechnology • Human Anatomy & Physiology: Bones, Skins, Muscles, and More • Human Anatomy & Physiology: Breathing, Eating, Responding and More • Fundamentals of Forensic Science

Physical Science - need 1.0 credit for graduation (minimum requirement)

Pick 1 of these: (1.0 credit each) • Chemistry • Physics • AP Chemistry • AP Physics 1 • AP Physics 2 • AP Physics C	OR	Pick 2 of these: (.5 credit each) • Weather and Climate • Cosmology • Aviation and Space

Elective - need .5 credit for graduation (minimum requirement)

Pick 1 of these: (.5 credit each)
- Genetics and Biotechnology
- Human Anatomy & Physiology: Bones, Skins, Muscles, and More
- Human Anatomy & Physiology: Breathing, Eating, Responding, and More
- Fundamentals of Forensic Science
- Weather and Climate
- Cosmology
- Aviation and Space

*This requirement can also be fulfilled by taking any additional full-year (1.0 credit) course that was listed above

What Are Your Post-High School Plans?

Below you will find some generic course pathway options based on common post-high school plans. Use these to help GUIDE you as you plan for your future.

Note:
*Courses listed can be taken in any order
**AP Environmental Science could be taken instead of the Introduction to Ecology requirement in any pathway
***Introduction to Ecology can be taken concurrently with any other science course

4 Year College: Science Related Major:	2-Year College:
• Biology • AP Environmental Science (or ½ year Introduction to Ecology) • AP Environmental Science Sustainability Career Academy • Chemistry (or AP Chemistry) • Physics (or AP Physics) • Other AP science course	• Biology • ½ year Introduction to Ecology + ½ year Elective • Chemistry or Physics
4 Year College: Non-Science Major:	**Career:**
• Biology • AP Environmental Science (APES) or ½ year Introduction to Ecology • AP Environmental Science Sustainability Career Academy • ½ year elective (if not taking APES) • Chemistry (or AP Chemistry) • Physics (or AP Physics)	• Biology • ½ year Introduction to Ecology + ½ year Elective • Chemistry or Physics • AP Environmental Science Sustainability Career Academy

Click each course title to see a video from the teachers talking about the course.

Course #	Title	Science Credit	Grades	Prerequisites	Length of Course/Credits Earned
4122 SCI 4222 SCI	Biology	Life Science	9-12	None	Year / 1.0
4335 SCI 4435 SCI	Chemistry	Physical Science	9-12	None	Year / 1.0
4444 SCI 4544 SCI	Physics	Physical Science	9-12	None	Year / 1.0
4017 SCI	Aviation and Space	Physical Science	9-12	None	Semester / .5
4581 SCI	Weather and Climate	Physical Science	9-12	None	Semester / .5
4334 SCI	Genetics/Biotechnology	Life Science	9-12	None	Semester / .5
4578 SCI	Introduction to Ecology	Life Science	9-12	None	Semester / .5
4586 SCI	Cosmology	Physical Science	9-12	None	Semester / .5
4561 SCI	Fundamentals of Forensic Science	Life Science	9-12	None	Semester / .5
4565 SCI	Human Anatomy and Physiology: Bones, Skins, Muscles, and More	Life Science	9-12	None	Semester / .5
4566 SCI	Human Anatomy and Physiology: Breathing, Eating, Responding and More	Life Science	9-12	None	Semester / .5
4223 SCI 4224 SCI	Advanced Placement (AP) Biology	Life Science	10-12	*Recommended:* Biology and Chemistry	Year / 1.0
4554 SCI 4555 SCI	Advanced Placement (AP) Chemistry	Physical Science	10-12	*Recommended:* A or B in Chemistry	Year / 1.0
4576 SCI 4577 SCI	Advanced Placement (AP) Environmental Science	Life Science	9-12	None	Year / 1.0
4442 SCI 4443 SCI	Advanced Placement (AP) Physics C: Mechanics	Physical Science	11-12	*Recommended:* currently enrolled in Pre-Calculus or Calculus	Year / 1.0
4438 SCI 4439 SCI	Advanced Placement (AP) Physics 1	Physical Science	10-12	*Recommended:* strong algebraic math skills	Year / 1.0
4440 SCI 4441 SCI	Advanced Placement (AP) Physics 2	Physical Science	11-12	AP Physics 1 and Algebra 1	Year / 1.0
See Page 17 for more information	AP Environmental Science Sustainability Career Academy • AP Environmental Science • Global Food and Sustainability (Elective credit)	Life Science	11-12	None	Year / 2.0

Click the ▶ to see a video from Sun Prairie teachers talking about the course

BIOLOGY ▶
Course 4122SCI, 4222SCI
1.0 life science credit

Students take a field trip to the Milwaukee County Zoo field trip to further solidify concepts that are covered in class (one per year)

Biology is a hands-on, minds-on science course that gets students thinking, collaborating, and communicating like scientists. Students will experience Science and Engineering practices such as planning and carrying out investigations, analyzing and interpreting data, constructing explanations and designing solutions, and engaging in argument-based on evidence to learn about the fascinating world of biology. Biology will focus on:

- Levels of Organization - how structure relates to function, how organisms obtain energy, grow and develop
- Energy & Matter - how energy and matter cycle through ecosystems
- Inheritance - passing characteristics from one generation to the next
- Evolution - evidence for change in living things over time and how/why that happens

CHEMISTRY ▶
Course 4335SCI, 4435SCI
1.0 physical science credit

This course will focus on using the eight common science practices to assist in the learning of core topics based on mass, energy, interactions, and climate change. Students will learn how to balance equations and determine the amount of reactants used or products made. They will discover physical and chemical changes through reactions and the flow of energy in a system. Mathematical calculations are emphasized so students will need a scientific calculator.

PHYSICS ▶
Course 4444SCI, 4544SCI
1.0 physical science credit

Being the most fundamental science, physics should be pursued by all students having a genuine interest in science. Future engineers, chemists, medical students, and nearly all science majors will have to take a physics course. It is recommended that students taking physics should have taken Algebra I and Geometry and be taking more mathematics.

Topics covered include: kinematics (the description of motion), dynamics (causes of motion), planetary motion, cosmology, gravity, momentum, energy, waves, light, electricity, magnetism, electrical energy generation, and modern physics. Students will take part in a variety of activities where they will be able to develop and use models, design and carry out labs, use mathematics and computational thinking, construct explanations, analyze evidence and communicate information. Through the course the students will engage in a number of inquiry based labs allowing them to explore the fundamentals of motion and investigate patterns found in nature.

This would fulfill one of the three science credits most post-secondary institutions require. This also fulfills the 1.0 credit of physical science required for graduation. Students planning on taking physics should have a calculator with trig functions, roots, and powers on it. Such a calculator will cost approximately $15.

COMPACTED CHEMISTRY AND PHYSICS
Course 4450COMP, 4451COMP
2.0 physical science credits

Students signing up for compacted Chemistry and Physics will earn 2 science credits in one school year. Students will have Chemistry every day first semester and Physics every day second semester. Students choosing this option commit to taking 2 years of science coursework in one school year. **For students only wanting to take one of these courses, each is offered independently in the AB block format.

BUNDLED PHYSICS AND PRE-CALCULUS ▶
Course 4444BUND, 4544BUND, 3588BUND, 3589BUND
2.0 Credits (1.0 Math & 1.0 Physical Science)
Prerequisite: Algebra 2

Students signing up for bundled Physics and Pre-Calculus will earn 2 credits in one school year, one for science and one for math. Students will see Physics and Pre-Calculus bundled on their schedules, one for A day and one for B day. These courses will be with the same cohort of students, co-taught by one physics and one math teacher. This bundled course will meet everyday throughout the school year. ** For students only wanting to take one of these courses, each is offered independently in the AB block format. (This course is listed in both math and science sections, please only register for this course one time).

AVIATION AND SPACE ▶
Course 4017SCI
.5 physical science credit

Students take a field trip to a museum or airport to solidify concepts that have been covered in class (one per semester)

Aviation and Space is a course designed for those students interested in engineering concepts required for designing airplanes and launching rockets. Topics include basics of flight, kites, influential people and space exploration. Careers are explored throughout the course. Field trips may include airports and aviation museums which will help to solidify concepts that have been covered in class. Several hands-on projects are completed throughout the semester in class.

WEATHER AND CLIMATE ▶
Course 4581SCI
.5 physical science credit

Weather and Climate is an introductory class focusing on the scientific study of atmospheric processes and patterns, and their impact on human activities. This introductory meteorology course involves the collection and analysis of meteorological data at local, regional, and global scales. Topics include the energy, moisture, and wind dynamics of the atmosphere; application of satellite and radar data; development and impact of severe weather; weather analysis and forecasting; and the study of climate and climate change.

GENETICS AND BIOTECHNOLOGY ▶
Course 4334SCI
.5 life science credit

This course covers transmission genetics and biotechnology. Students will study the heredity of individuals and populations from both a physical and chemical standpoint. Students will also research, debate, and discuss current bio ethical genetics such as: cloning, stem cell research, genetic engineering. Students will work together to complete hands-on lab activities that include genetic crossing, DNA extraction and fingerprinting, DNA mapping, and transformation. This includes an explanation of how human traits are inherited. This course will focus on the science practices and crosscutting concepts from NGSS along with the content standards. This course is an excellent introduction to careers in the biotechnology and medical fields.

INTRODUCTION TO ECOLOGY ▶
Course 4578SCI
.5 life science credit
Required course (Advanced Placement Environmental Science may be taken instead to fill this ecology requirement)

Students take a field trip to the Sun Prairie Wastewater treatment plant to further solidify concepts covered in class (one per semester)

Ecology is a course that builds concepts about how life on our planet interacts in our physical environment. Particular emphasis will be placed on understanding how humans alter natural processes on our planet and the implications these changes have on our environment, society, and human health. The course engages with local, regional, and global environmental issues to reinforce learning. At least one field trip will be taken to collect data for analysis and to observe relevant environmental issues. Concepts to be covered in this include; biodiversity, water, energy, earth cycles, and climate. Ultimately, students who take this course will have the opportunity to gain the knowledge and skills to be an environmentally literate member of society and can participate in the protection and improvement of our environment.

COSMOLOGY ▶
Course 4586SCI
.5 physical science credit

Looking up into the night sky is a journey back through time to incredible objects that shock and inspire. Within this course, the student will investigate the ideas of time, space, spacetime, and the many objects that occupy our universe. We will take the time to learn about the origins of our universe, its evolution over time, and all the entities that make up our universe such as galaxies, black holes, and planetary systems. We will also dig into current topics in the news which relate to current scientific exploration. You will never look at the night sky the same again!

FUNDAMENTALS OF FORENSIC SCIENCE ▶
Course 4561SCI
.5 life science credit

Forensic Science is the application of science to law. Throughout the course students will collect and analyze physical evidence, make claims, and use evidence to construct reasoning to solve crimes. Emphasis will be placed on scientific practices, inquiry, critical thinking, and science reasoning skills. Topics covered include: crime scene basics, hair analysis, toxicology, blood analysis, fingerprinting and DNA analysis.

HUMAN ANATOMY AND PHYSIOLOGY: BONES, SKINS, MUSCLES, AND MORE ▶
Course 4565SCI
.5 life science credit

Students take a field trip to the cadaver lab to further solidify concepts covered in class (one per semester)

Students interested in a career in the health and science field or who have an interest in the human body should take this course which is focused on several major systems including integumentary, skeletal, muscular, circulatory, and cardiovascular. Students will learn how the structure and function of organs operate within a system. There will be a continual focus on diseases and disorders that impact systems and the human body. The Anatomy and Physiology courses can be taken in any order.

HUMAN ANATOMY AND PHYSIOLOGY: BREATHING, EATING, RESPONDING, AND MORE ▶
Course 4566SCI
.5 life science credit

Students take a field trip to the cadaver lab to further solidify concepts covered in class (one per semester)

Students interested in a career in the health and science field or who have an interest in the human body should take this course which is focused on several major systems including nervous, endocrine, immune, digestive and urinary. Students will learn how the structure and function of organs operate within a system. There will be a continual focus on diseases and disorders that impact systems and the human body. The Anatomy and Physiology courses can be taken in any order.

ADVANCED PLACEMENT (AP) BIOLOGY ▶
Course 4223SCI, 4224SCI
1.0 life science credit
Recommended: Biology and Chemistry

Students take a field trip to a working laboratory to further solidify concepts that have been covered in class through completing experiments (one per year)

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes – energy and communication, genetics, information transfer, ecology, and interactions. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices. Students visit a local lab and perform lab work in biotechnology. The following are Big Ideas:

- The process of evolution explains the diversity and unity of life.
- Biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis.
- Living systems store, retrieve, transmit, and respond to information essential to life processes.
- Biological systems interact, and these systems and their interactions possess complex properties.

ADVANCED PLACEMENT (AP) CHEMISTRY ▶
Course 4554SCI, 4555SCI
1.0 physical science credit
Recommended: A or B in Chemistry

This is an advanced chemistry course taught at the college level. College credit can be earned by taking the National AP Chemistry exam in May. Different colleges require different achievements on the test to achieve credit. The National AP Chemistry exam is optional. The course emphasizes laboratory activities and a mathematical approach to problem solving. Students should be highly motivated and able to work independently. Calculators are required. The topics discussed throughout the year will be:

1. Fundamentals
2. Stoichiometry
3. Reactions in Solution
4. Gases
5. Thermodynamics
6. Atomic Structure
7. Periodic Table
8. Bonding
9. Intermolecular Forces
10. Properties of Solutions
11. Equilibrium
12. Acid-Base Reactions
13. Electrochemistry
14. Oxidation – Reduction Reactions

ADVANCED PLACEMENT (AP) ENVIRONMENTAL SCIENCE ▶
Course 4576SCI, 4577SCI
1.0 life science credit

Students take two field trips, one to a forest for tree population sampling and one to a stream for water quality testing (two per year)

The purpose of AP Environmental Science is to offer high school students the opportunity to gain college credit for an introductory course in Environmental Science. Students will learn the curriculum designated by the College Board in order for students to successfully pass the AP Environmental Science test, thus, possibly gaining college credit depending on the university or college attended by the student. Of equal importance, students will learn the multidisciplinary approaches used to assess, monitor, and abate problems within the environment we live. After completing the course, students will be able to assess their role within the environment and make personal decisions that will lead to an environmentally sustainable future for their community, state, country, and all human beings. Because we are studying the environment, great emphasis will be placed on conducting real science within the Sun Prairie community. Obviously, this requires us to be outdoors a good deal of time in all weather conditions, sampling and collecting data within our immediate environment. A natural result of this type of science requires more advanced analysis and write-ups than do simple "fill in the answer" labs. Due to the complexity of society, it would be inappropriate to study environmental science in the vacuum of pure science. Instead, we will seek to incorporate social sciences such as economics, politics, ethics, and law to understand real-world perspectives on environmental problems.

AP ENVIRONMENTAL SCIENCE SUSTAINABILITY CAREER ACADEMY ▶

Courses:

- ADVANCED PLACEMENT (AP) ENVIRONMENTAL SCIENCE
- GLOBAL FOOD & SUSTAINABILITY

See page 17 for more information

ADVANCED PLACEMENT (AP) PHYSICS C: MECHANICS
Course 4442SCI, 4443SCI
1.0 physical science credit
Recommended: Currently enrolled in Pre-Calculus or Calculus

This is a science course for students who plan on attending college and majoring in engineering or other similar sciences. This is a college level course, for which college credit can be obtained by passing a National AP Physics C: Mechanics exam. The accredited colleges all have different standards as to what score on the exam is approved for credit. The National AP Physics C test is optional to take. The course content is only the Mechanics portion of physics; topics for the exam include motion, vectors, work, energy, power, momentum, impulse, collisions, rotational kinematics and dynamics, statistics, gravitation, and simple harmonic motion.

Laboratory work is an integral part of this course. Students will also acquire skills in problem solving, mathematical reasoning, critical thinking, and communication. The math is calculus-based and it is recommended that the student be concurrently enrolled in a calculus course or have completed a calculus course, to obtain the maximum success in this course. Technology skills will be emphasized through using computer probes to gather and interpret data.

ADVANCED PLACEMENT (AP) PHYSICS 1 ▶
Course 4438SCI, 4439SCI
1.0 physical science credit
Recommended: Strong algebraic math skills

AP Physics 1 is the equivalent of a first semester college course in algebra-based physics, but is designed to be taught over a full academic year to enable AP students to develop a deep understanding of the content and to focus on applying their knowledge through inquiry labs. The full year also allows time for inclusion of physics content specified by state standards as well as a depth of conceptual exploration that the AP curriculum designs. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power. While math skills are not as vital with this AP physics course, skills in algebraic mathematics are important. The focus of the course is to understand the fundamentals of physics in a conceptual way allowing the student to explain situations and describe the impact of changes to a formula or situation. During this course students will get a great deal of time to explore the interesting aspects of physics that impact their day-to-day lives while gaining a rich understanding of the materials to be able to explain how and why we observe these events!

ADVANCED PLACEMENT (AP) PHYSICS 2
Course 4440SCI, 4441SCI
1.0 physical science credit
Prerequisite: AP Physics 1 and Algebra 1

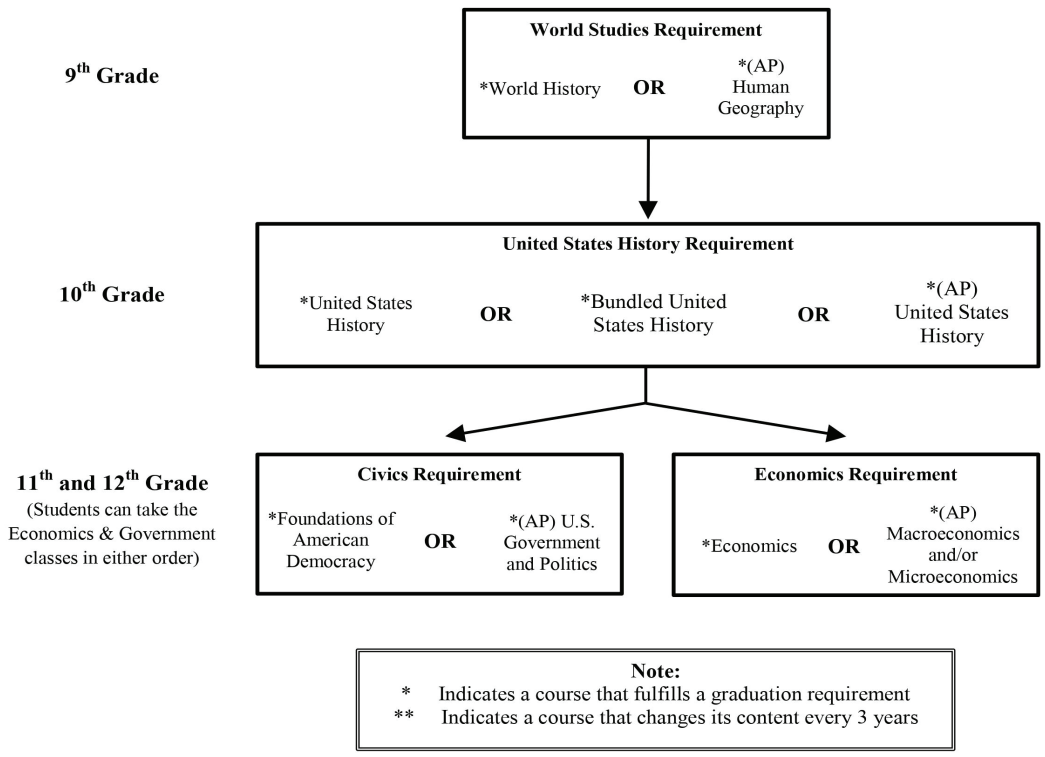
Students explore principles of fluids, thermodynamics, electricity, magnetism, optics, and topics in modern physics. The course is based on seven big ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world.

Big ideas:
Objects and systems have properties such as mass and charge. Systems may have internal structure.
Fields existing in space can be used to explain interactions.
The interactions of an object with other objects can be described by forces.
Interactions between systems can result in changes in those systems.
Changes that occur as a result of interactions are constrained by conservation laws.
Waves can transfer energy and momentum from one location to another without the permanent transfer of mass and serve as a mathematical model for the description of other phenomena.
The mathematics of probability can be used to describe the behavior of complex systems and to interpret the behavior of quantum mechanical systems.

By fostering an environment that values all students as individuals, the Sun Prairie Social Studies Program attempts to reach the long-range objective of preparing students to be life-long learners as well as informed and responsible global citizens. Students will be instructed in the social studies strands of history, geography, economics, political science, and behavioral sciences. Students will be engaged in 21st century technologies to gain the skills necessary to prepare them for the world beyond high school.

Graduation Requirements **Three credits of Social Studies are required for graduation**
1 credit World Studies • World History • AP Human Geography • AP World History: Modern
1 credit United States History • United States History, 1865-Present • Bundled United States History, 1865-Present & English 10 • AP United States History
.5 credit Civics • Foundations of American Democracy • AP United States Government & Politics
.5 credit Economics • Economics • AP Macroeconomics • AP Microeconomics

Social Studies Department Flowchart
Recommended Course Sequence



Elective Courses for 10-12
(Elective courses can be taken in any order)

Current Affairs	Introduction to Sociology
Legal Studies	Psychology
Diversity Studies	(AP) Psychology
**Social Studies Seminar: History of Sports	International Studies and Global Realities

Offered every other year. Next held: 2022-2023	Offered every other year. Next held: 2023-2024
(AP) European History	*(AP) World History: Modern
Native American & Latin American Heritage	African Heritage

Click each course title to see a video from the teachers talking about the course.
*Courses offered every other year.

Course #	Title	Grades	Prerequisites	Length of Course/ Credits Earned
2241 SOC 2243 SOC	World History	9-12 Strongly Recommended for 9th	None	Year / 1.0
2441 SOC 2442 SOC	Advanced Placement (AP) Human Geography	9-12 Recommended for 9th	None	Year / 1.0
2459 SOC 2460 SOC	Advanced Placement (AP) World History: Modern* **Next offerings are: 2025-2026 & 2027-2028**	10-12	None	Year / 1.0
2251 SOC 2252 SOC	United States History, 1865-Present	9-12 Strongly Recommended for 10th	None	Year / 1.0
2251 BUND 2252 BUND 1220 BUND 1221 BUND	Bundled U.S. History 1865-Present & English 10	10	None	Year / 2.0
2451 SOC 2452 SOC	Advanced Placement (AP) United States History	10-12	None	Year / 1.0
2300 SOC	Foundations of American Democracy	11-12	None	Semester / .5
2606 SOC 2607 SOC	Advanced Placement (AP) U.S. Government & Politics	11-12	None	Year / 1.0
2600 SOC	Economics	11-12	None	Semester / .5
2609 SOC	Advanced Placement (AP) Macroeconomics	11-12	None	Semester / .5
2610 SOC	Advanced Placement (AP) Microeconomics	11-12	None	Semester / .5
2604 SOC	Current Affairs	9-12 Recommended for 10th-12th	None	Semester / .5
2611 SOC	Diversity Studies	9-12	None	Semester / .5
2030 SOC	African Heritage* **Next offerings are: 2025-2026 & 2027-2028**	9-12 Recommended for 10th-12th	None	Semester / .5
2032 SOC	Native American & Latin American Heritage* **Next offerings are: 2026-27 & 2028-29**	9-12	None	Semester / .5
2033 SOC 2034 SOC	Advanced Placement (AP) African American Studies	9-12 Recommended for 11th-12th	None	Year / 1.0
2471 SOC 2472 SOC	Advanced Placement (AP) European History* **Next offerings are: 2024-2025 & 2026-2027**	10-12	None	Year / 1.0
2605 SOC	International Studies and Global Realities	9-12	None	Semester / .5
2005 SOC	Legal Studies	9-12 Recommended for 10th-12th	None	Semester / .5
2625 SOC	Social Studies Seminar: History of Sports	9-12 Recommended for 11th-12th	None	Semester / .5
2500 SOC	Psychology	9-12	None	Year / 1.0
2001 SOC 2002 SOC	Advanced Placement (AP) Psychology	10-12 Recommended for 11th-12th	None	Year / 1.0
2502 SOC	Introduction to Sociology	11-12	None	Semester / .5
2629 SOC	Education in a Pluralistic Society	11-12	None	Semester / .5
2631 SOC 2632 SOC	Introduction to Education and Teaching	11-12	None	Year / 1.0

Click the ▶ to see a video from Sun Prairie teachers talking about the course

WORLD HISTORY ▶
Course 2241SOC, 2243SOC
Fulfills World Studies Requirement
1.0 credit

World History is a course that begins with an introduction on how to think like a historian. The course then investigates major world events from the Age of Exploration through the present day. Using a thematic framework, students analyze major historical events, ideas, and concepts as well as connect them to contemporary issues. Students will use a variety of primary and secondary sources to develop 21st Century skills and meet Common Core Literacy Standards. This course covers multiple social studies standards including history, geography, government, and economics strands while building the necessary skills and background knowledge for future social studies courses.

ADVANCED PLACEMENT (AP) HUMAN GEOGRAPHY ▶
Course 2441SOC & 2442SOC
Elective Course
Fulfills World Studies Requirement
1.0 credit

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socio-economic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012).

UNITED STATES HISTORY 1865—PRESENT ▶
Course 2251SOC, 2252SOC
Fulfills U.S. History Requirement
1.0 credit

This course includes an in-depth, engaging look at a variety of historical periods including, Reconstruction and Civil Rights; Industrial Revolution; Political and Social Reform; American Expansionism; World Wars I and II; the Great Depression and the New Deal; evolution of modern American society, economically, socially, and politically; the Cold War and Vietnam conflicts; and America in the modern world. Connections will be made between events of our nation's past and today, with an emphasis on acquiring 21st Century Skills.

ADVANCED PLACEMENT (AP) WORLD HISTORY: MODERN ▶
Course 2459SOC & 2460SOC
Elective Course
Fulfills World Studies Requirement
1.0 credits
Note: Offered every other year.
Next offerings are 2025-2026 and 2027-2028

AP World History is designed to be the equivalent of a two-semester introductory college or university
World History course and spans the time period 1200 CE to present, beginning with a study of civilizations in Africa, the Americas, and Asia. In AP World History, students investigate significant events, individuals, developments, and processes that have shaped the modern world. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, and continuity and change over time; and developing historical arguments. The course provides five themes that students explore in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; as well as development and transformation of social structures.

BUNDLED U.S. HISTORY 1865-PRESENT & ENGLISH 10 ▶
Course 2251BUND, 2252BUND, 1220BUND, 1221BUND
Fulfills U.S. History Requirement
2.0 Credits

Students signing up for bundled U.S. History 1865-Present and English 10 will earn 2 credits in one school year, one for social studies and one for English. Students will see U.S. History 1865-Present and English 10 bundled on their schedules, one for A day and one for B day. This course is an interdisciplinary, team-taught course that traces the development of major American literary movements and places them within the context of United States History. The course is organized around themes and essential questions, allowing students to gain a deeper understanding of important literary and historical issues. Students will examine the changing role of the individual and society while tracing the development of American ideals and institutions. Individual and team assignments will challenge students to address the course themes. The course will help students develop strong reading, writing, analysis, and speaking skills. In each of the units, we will be focusing on historical periods and events as well as a variety of literary skills and concepts.

This bundle of two courses, combined thematically, allows for unique connections to be made. It may lean toward greater

ADVANCED PLACEMENT (AP) UNITED STATES HISTORY ▶
Course 2451SOC, 2452SOC
Fulfills U.S. History Requirement
1.0 credit

AP U.S. History is a challenging course that is meant to be equivalent to a freshman college course and can earn college credit when a student scores a 3 or higher on the AP exam. It is a two-semester course focusing on the political, social, military, cultural, and diplomatic history of America from colonization through the 1990s. The students will read and analyze historical writing, reflect upon historical evidence and participate in discussion and write about central themes in America's past. Solid reading and writing skills, along with a willingness to devote considerable time to practice and study are necessary to succeed. Emphasis is placed upon critical and evaluative thinking skills, essay writing, interpretation of primary source documents and historiography.

FOUNDATIONS OF AMERICAN DEMOCRACY ▶
Course 2300SOC
Fulfills Civics Requirement
.5 credits

Students will take a field trip to the Captiol building in Madison.

This course emphasizes local, state, tribal and national government structures and their roles in society. It is designed to encourage active and positive citizenship by increasing students' appreciation of the tools required for participatory democracy. Students will examine the fundamentals of constitutional principles, the organization of all levels of government, the policy-making process, laws, elections, political parties and the citizens' rights and responsibilities.

ADVANCED PLACEMENT (AP) UNITED STATES GOVERNMENT AND POLITICS ▶
Course 2606SOC, 2607SOC
Fulfills Civics Requirement
1.0 credit

Advanced Placement United States Government and Politics is a course that allows students to examine the following federal government topics in depth: origins of the American government, the three branches of government, public opinion, political parties, public policy, mass media, the federal court system and Bill of Rights, civil liberties, interest groups, money in politics, campaigns and elections and the decision-making processes of governing our nation on a daily basis. Class activities and instruction will include the following: lectures, debates, research projects, mock elections, guest speakers, and analysis of public opinion polls. Students will be encouraged to get involved in participatory democracy activities such as serving as election workers and volunteering for campaigns. This course prepares students for the National Advanced Placement U.S. Government and Politics exam in May, and with satisfactory results, students may earn college credits.

ECONOMICS ▶
Course 2600SOC
Fulfills Economics Requirement
.5 credits

Students participate in Reality Rocks, a personal finance simulation hosted at either Sun Prairie East or Sun Prairie West (rotating each semester).

Which is more dangerous, a gun or a swimming pool? What do schoolteachers and sumo wrestlers have in common? How much do parents really matter? Economics presents a crash course in the operation of a market-oriented economic system and examines your role as a consumer, producer, and citizen. Time will be spent examining current events and how they relate to basic concepts covered in class. Topics covered include scarcity, resources, economic decision-making, supply and demand, alternative economic systems, economic growth, global economic issues, business organization, market structure and labor. Students will also be participating in two life-like projects; the stock market simulation and Reality Rocks. Group discussions and hands on activities are a must in this class.

ADVANCED PLACEMENT (AP) MACROECONOMICS ▶
Course 2609SOC
Fulfills Economics Requirement
.5 credits
Note: May be taken with AP Microeconomics for year sequence

Macroeconomics explores the "Big Picture" of the U.S. economy and its role in the global economy as well as the historical development and modern relevance of important economic theories.

Topics of study include:

- Basic Economic Concepts: What is Economics?
- Measurement of Economic Performance and Economic Growth: How do we determine the health of the economy?
- National Income and Price Determination: What is GDP, inflation, and the unemployment rate and why do they matter?
- Fiscal Policy: What impact does the government have on the economy?
- Monetary Policy: What is the Fed and how does it work?
- International Trade and Finance: What is happening in the global economy?

The aim of Advanced Placement Macroeconomics is to provide the student with a learning experience equivalent to that obtained in typical college introductory Macroeconomics course. Instruction is a combination of lecture, group problem-solving discussion, and concept application activities. This course prepares students for the National Advanced Placement Macroeconomics Exam in May, and with satisfactory results, students may earn college credits.

ADVANCED PLACEMENT (AP) MICROECONOMICS ▶
Course 2610SOC
Fulfills Economics Requirement
.5 credits
Note: May be taken with AP Macroeconomics for year sequence

Students may choose to participate in Reality Rocks, a personal finance simulation hosted at either Sun Prairie East or Sun Prairie West (rotating each semester). This is optional.

Microeconomics examines the individual roles of consumers, businesses, and the government in the functioning of the economy. The primary focus of the course is in understanding markets and competition within different sectors of the economy. Microeconomics places a greater emphasis on graphing, accounting, and mathematical relationships within the economy.

Microeconomic topics include:

- Basic Economic Concepts: What is Economics?
- The nature and function of product markets including consumption, production, pricing, and competition
- The nature and function of factor markets
- The role of government in regulating markets.

The aim of Advanced Placement Microeconomics is to provide the student with a learning experience equivalent to that obtained in typical college introductory Microeconomics courses. Instruction is a combination of lecture, group problem-solving discussion, and concept application activities. This course prepares students for the National Advanced Placement Microeconomics Exam in May, and with satisfactory results, students may earn college credits.

CURRENT AFFAIRS ▶
Course 2604SOC
Elective Course
.5 credits

This course involves a daily examination of local, state, national, and international news and current issues as they develop. Students engage in analysis of topics that include world conflict, economic issues, social questions, the role of government, and people in the news. News magazines, newspapers, internet and video serve as resources for daily activities which are discussion-based and require active student participation. Class activities also include debate, small group collaboration, and weekly news quizzes.

DIVERSITY STUDIES ▶
Course 2611SOC
Elective Course
.5 credits

This course addresses contemporary issues regarding diversity in the United States. Students examine the history of various ethnic and social groups to determine how and why these groups experience power and/or oppression in society. Topics include immigration, race, ethnicity, gender, sexual orientation and other aspects of social and cultural identity. These topics are analyzed with a focus on developing an understanding of history, belief systems, human relations, and the law. This course requires students to be actively involved in their learning by participating in large group discussion, critically reviewing primary and secondary sources, and collaboratively working in small groups.

AFRICAN HERITAGE
Course 2030SOC
Elective Course
.5 credits
Note: Offered every other year.
Next offerings are: 2025-2026 and 2027-2028

African Heritage examines how the history of Africa has been shaped by human and geographic forces, explores the impact of the African Diaspora on cultures around the world, examines contemporary issues in African society, and celebrates the rich cultural heritage of African people. This course will cover topics that include origins of man, physical geography of the continent, African civilizations and Empires, African languages and culture, Spread of Islam, European Imperialism and the slave trade, African American history and culture, and contemporary African lifestyles and issues. This course will integrate the methods of History, Human Geography, and Humanities to provide students with a deep understanding of Africa and its people. Students will be expected to interpret both primary and secondary sources to gain knowledge, gather evidence, and analyze different perspectives; read a variety of nonfiction and fiction sources; engage in thought-provoking and respectful discussion; develop a research-based project related to personal interests; and use technology in appropriate and productive ways to gather information, communicate ideas, and produce products.

NATIVE AMERICAN & LATIN AMERICAN HERITAGE ▶
Course 2032SOC
Elective Course
.5 credits
Note: Offered every other year.
Next offerings are: 2024-2025 and 2026-2027

1491—What did the Americas look like on the eve of Christopher Columbus' arrival in the "New World"? What does the Native American and Latin American world look like today? This course will trace the development of Pre-Columbian American Civilizations; examine patterns of cultural interaction between Native American, European, and African groups and the role of economics in the development of the Americas; explore contemporary issues in Latin America and Native American communities; and celebrate the rich cultural heritage of the Americas. This course will integrate the methods of History, Human Geography, and Humanities to provide students with a deep understanding of the Native American and Latin American experience. Students will be expected to interpret both primary and secondary sources to gain knowledge, gather evidence, and analyze different perspectives; read a variety of nonfiction and fiction sources; engage in thought-provoking and respectful discussion; develop a research-based project related to personal interests; and use technology in appropriate and productive ways to gather information, communicate ideas, and produce products.

ADVANCED PLACEMENT (AP) AFRICAN AMERICAN STUDIES ▶
Course 2033SOC, 2034SOC
Elective Course
1.0 credits

Advanced Placement (AP) African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American studies, students in the course will develop skills across multiple fields,with an emphasis on developing historical,literary,visual,and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora.

ADVANCED PLACEMENT (AP) EUROPEAN HISTORY ▶
Course 2471SOC, 2472SOC
Elective Course
1.0 credit
Note: Offered every other year.
Next offerings are: 2026-27 and 2028-29

AP European History is for students who would like another AP option or who enjoy the study of history. It is a rigorous academic course that presents a basic narrative of events and movements in European History from 1450 to the present. It prepares students for the demands of a university education by providing experience in college level reading, writing and responsibility for learning. Students in this course will investigate the broad themes of intellectual, cultural, and political history and note their relationship in philosophy, literature and the arts. This course also examines demographics, society, gender roles, and economic trends. The impact of industrialization on Europe and the development of a European trade policy leading up to the European Union and its role in world trade today are closely examined. Modern Africa and Asia are products of European involvement and we will examine that link as well. AP European History is organized on the assumption that the students will take the College Board national AP exam. This exam allows those who qualify to receive college credit for the course. Therefore there is a constant focus on strengthening test-taking skills for the objective part of the exam and practice of writing skills for the DBQ (Document Based Question) and free response or essay portions of the test. The course is year long.

INTERNATIONAL STUDIES AND GLOBAL REALITIES ▶
Course 2605SOC
Elective Course
.5 credits

Interested in solving world problems and issues through an inquiry, project based learning experience? International Studies and Global Realities is a class allowing students to study the following topics through multiple perspectives, technologies and resources: historical roots of global issues and relations, global resource demands, world security, cultural identity and global migration, international perspectives, global democratization and economic trends, issues facing citizens around the globe, human rights, nuclear proliferation, diplomacy, terrorism, human security, genocide, environmental concerns and the role of nations and international organizations in working together.

LEGAL STUDIES ▶
Course 2005SOC
Elective Course
.5 credits

This course is an introduction to law studies covering topics like our legal system, basic legal terms and proceedings, and fundamental concepts of constitutional, criminal, and civil law.

Students will analyze various sources that have influenced the legal, political, and constitutional heritage of the United States; trace how legal interpretations of liberty, equality, justice, and power as identified in the Constitution have changed and evolved over time; and analyze information, form a reasoned conclusion, and develop a coherent argument on legal issues.

The course provides students with opportunities to learn about justice, responsibility, and the role of an individual within a free society. Students analyze and practice decision-making skills based on logic, better equipping them to deal with controversy and conflict. In addition, the course provides exposure to law related careers.

Students will engage in cooperative learning, role-play, simulations, presentations, debate, lecture, small- and large-group discussions, mock trials, and case studies.

SOCIAL STUDIES SEMINAR ▶
TOPIC: History of Sports: American Culture through Sport and Competitions
Course 2625SOC
Elective Course
.5 credits

This course will examine the development of sports through various historical perspectives in America. The focus will be the relationship that sport has on social, economic, cultural, and political forces that are at work in the United States as well as the world. Students will examine the historical context as well as the significance of gender, race, ethnicity and social class through readings, primary sources, audio and visual materials as well as class discussions.

PSYCHOLOGY ▶
Course 2500SOC
Elective Course
.5 credits

Psychology is the study of individuals' thoughts and behaviors. Students will attempt to better understand why people act the way they do. Students will use hands-on activities to study (replicate) psychological studies such as: Freud's dream interpretations, ESP, sensation/perception – displacement goggles, Skinner's box, Milgram's obedience device, Ekman's facial expressions, right/left brain – dowel experiment, gender difference attitudes – and personality tests.
By studying psychology, the daily events we might ordinarily take for granted now become fuel for thought. This course is geared for all students looking to have fun while exploring the human mind.

ADVANCED PLACEMENT (AP) PSYCHOLOGY ▶
Course 2001SOC, 2002SOC
Elective Course
1.0 credit

Students will explore the scientific study of human behavior and mental processes. Both historical and current major approaches to psychology will be evaluated. The course is largely based on the AP Psychology Course Outline established by the College Board. Units of study include: research methods, sensation/perception, consciousness, development, personality, motivation, abnormal psychology, and social psychology. Students will investigate and replicate previous psychological research and methods.

This course requires reading and writing, critical thinking, class participation, collaborative learning, and a high level of motivation. Students are assessed using a variety of techniques, including quizzes, hands-on activities, unit tests, free responses, projects, experiments, and final exams. The main goal for this class is to properly prepare students for the Psychology National Exam in May.

INTRODUCTION TO SOCIOLOGY ▶
Course 2502SOC
Elective Course
.5 credits

Did you ever wonder why shoppers are trampled on Black Friday, or why people commit crimes, or how stereotypes are created?

Sociology provides students with an introduction to the study of society and why we do what we do. Various topics and questions will be investigated, explored and discussed including, but not limited to:

Who defines the norms and values in society? Are you the person you are because of your background, who you surround yourself with, how you were raised, and/or your genetic make-up? Why do some people act differently in groups rather than how they would individually? How is society structured, and what are the inequalities that exist in our society? How does change occur? How do the social institutions of family, education, religion, and politics influence who we are?

In addition, students will study current social problems that exist, such as deviance, crime, poverty, and the influence of the media. This course requires students to be actively involved in their learning by participating in large group discussions, collaboratively working in small groups, completing various unit projects, and a semester sociological research project.

EDUCATION IN A PLURALISTIC SOCIETY ▶

Course 2629SOC
Elective Course
.5 credits
Note: Dual credit may be offered

Students will engage and explore diverse educations of people in the United States, and beyond through lenses of privilege, oppression, and opportunity. With self-analysis, reflection, historical investigation, contemporary school programming, schools and society, and communication-skill building, students learn how to be culturally responsive to contexts of communities.

When taught by a certified college trained teacher and with successful completion of the course, the student can receive college credits. Dual credit is for Juniors and Seniors only. Dual credit is not guaranteed each year.

INTRODUCTION TO EDUCATION AND TEACHING ▶

Course 2631SOC, 2632SOC
Elective Course
1.0 credits
Note: Dual credit may be offered

Students are introduced to education and teaching through practical experience in school settings, group discussions, and individual reflection. We will explore the relationships among education, curriculum, and instruction across contexts of home, community and school; connecting school practices with philosophical perspectives of education.

Organized to consider educational issues from both a theoretical perspective, and from the realities of educational practice in schools. In addition, the class will model various pedagogical strategies; and these experiential exercises will provide for an examination of teaching and learning through fifty hours of observations at school sites.

When taught by a certified college trained teacher and with successful completion of the course, the student can receive college credits. Dual credit is for Juniors and Seniors only. Dual credit is not guaranteed each year.

Who takes special education classes?

Special education courses are for students who have an IEP (Individualized Education Plan). Courses are designed to address specific student needs as determined by the IEP team and described in the student's plan. The goal of the special education department is to teach the skills necessary to make progress in state standards, curriculum and toward IEP goals.

Course #	Title	Grades	Prerequisites	Length of Course/Credits Earned
9867ENG 9872ENG	Foundations of Early Literacy	9 - 12	Teacher recommendation IEP instructional area listed in student's IEP	Year / 1.0
9698ENG 9699ENG	Integrated Literacy	9 - 12	Teacher recommendation IEP instructional area listed in student's IEP	Year / 1.0
9964MTH 9965MTH	Mathematical Thinking	9 - 12	Teacher recommendation IEP instructional area listed in student's IEP	Year / 1.0
9865MTH 9866MTH	Mathematical Connections	9 - 12	Teacher recommendation IEP instructional area listed in student's IEP	Year / 1.0
9905ELE 9906ELE	Employability	9 - 12	Teacher recommendation IEP instructional area listed in student's IEP	Year / 1.0
9797VWK 9798VWK	Vocational Work	9 - 12	Teacher recommendation IEP instructional area listed in student's IEP	Year / 1.0
9608ELE 9609ELE	Study Skills	9 - 12	Teacher recommendation IEP instructional area listed in student's IEP	Semester / 0.5 OR Year / 1.0
9905XXX 9906XXX	Crossroads	9 - 10	Teacher recommendation IEP instructional area listed in student's IEP	Year / 1.0
9907XXX 9908XXX	Proficiency	10 - 12	Teacher recommendation IEP instructional area listed in student's IEP	Year / 1.0
9740ELE 9741ELE	Adult Transition Program	12+	Teacher recommendation IEP instructional area listed in student's IEP	Year / 1.0

FOUNDATIONS OF EARLY LITERACY
Course 9867ENG, 9872ENG
Special Education English Elective Course
1.0 credit
Prerequisite: Teacher recommendation

Foundations of Early Literacy is a course for students who take the dynamic learning maps assessment in place of the Forward exam because they are educated in the Essential Elements Alternative English Standards. The course will focus on emerging literacy and communication.

INTEGRATED LITERACY
Course: 9698ENG, 9699ENG
Special Education English Elective Course
1.0 credit
Prerequisite: Teacher recommendation, IEP instructional area listed in student's IEP

Integrated literacy is a course for students who have completed Foundations of Early Literacy and are developing readers and/or students with complex communication needs or multiple disabilities who are anywhere from emergent to conventional readers. It is also for students who are enrolled in a grade level English course who are also developing readers in need of guided reading instruction and practice. The focus is on building literacy and background knowledge in multiple content areas.

MATHEMATICAL THINKING
Course: 9964MTH, 9965MTH
Special Education Math Elective Course
1.0 credit
Prerequisite: Teacher recommendation, IEP instructional area listed in student's IEP

Mathematical Thinking is for students who have demonstrated understanding of number sense and rational numbers and are ready to begin algebra and geometry. The course focuses on concepts around algebra, scale drawing, graphs, measurements, and geometry.

MATHEMATICAL CONNECTIONS
Course: 9865MTH, 9866MTH
Special Education Math Elective Course
1.0 credit
Prerequisite: Teacher recommendation, IEP instructional area listed in student's IEP

Mathematical Connections is a course for students who take the dynamic learning maps assessment in place of the Forward exam because they are educated in the essential elements of alternative math standards. The emphasis of this course is attending and exploring, patterns and algebra, data analysis and probability, numbers and operations, measurement, and geometry

EMPLOYABILITY
Course:9905ELE, 9906ELE
Elective Course
1.0 credit
Prerequisite: Teacher recommendation, IEP instructional area listed in student's IEP
Note: This course can be taken for one semester or the full year

The **Employability** course is for students who have needs and goals in preparing for obtaining and keeping employment, specifically for students who will require a level of adult support or job coach when they obtain employment. The curriculum is based on IEP goals with an emphasis on problem solving, critical thinking, reasoning, collaboration, social skills, and perseverance skill

VOCATIONAL WORK
Course:9797VWK, 9798VWK
Elective Course
1.0 credit
Prerequisite: Teacher recommendation, IEP instructional area listed in student's IEP
Note: This course can be taken for one semester or the full year

Vocational Work is for students who have needs and goals in preparing for obtaining and keeping employment, specifically for students who will require a level of adult support or job coach when they obtain employment. The curriculum is individualized based on IEP goals but will focus on job readiness skills that include following visuals, working with independently, discrete task analysis, problem solving and stamina (time on task)

STUDY SKILLS
Course:9608ELE, 9609ELE
Elective Course
1.0 credit
Prerequisite: Teacher recommendation, IEP instructional area listed in student's IEP
Note: This course can be taken for one semester or the full year

Study Skills is an IEP Team placement decision for students in grades 9-12. This course focuses first on the need-to-knows of being a high school student in Sun Prairie (Google Classroom, Infinite Campus, block scheduling, how a GPA is calculated, what is a graduation plan, accessibility tools, AVID strategies for success in the classroom, etc), then moves onto meeting the SPASD Social Emotional Standards which focus on self-determination, community, personal and social responsibility, including navigating digital citizenship.

CROSSROADS
Course: 9905XXX, 9906XXX
Elective Course
1.0 credit
Prerequisite: Teacher recommendation, IEP instructional area listed in student's IEP
Note: This course can be taken for one semester or the full year

Crossroads is for students entering high school who need support in their transition into the building and their day. The curriculum is individualized based on IEP goals with an emphasis on emotional regulation, stamina for academics and successfully navigating social situations with peers

PROFICIENCY
Course: 9907XXX, 9908XXX
Elective Course
1.0 credit
Prerequisite: Teacher recommendation, IEP instructional area listed in student's IEP

Proficiency class is for students who are credit deficient and struggling to engage or have a sense of belonging in the general education environment. The curriculum is individualized based on IEP goals with an emphasis on regulation, problem solving, collaboration and Common Core standards.

ADULT TRANSITION PROGRAM
Course: 9740ELE, 9741ELE
Elective Course
1.0 credit
Prerequisite: Teacher recommendation, IEP instructional area listed in student's IEP
Note: This course can be taken for one semester or the full year

The **Adult Transition Program** is a community-based program that focuses on three main components of transition: Vocational/ Transition Services, Adult Daily Living and Recreational and Leisure. The curriculum is individualized based on IEP goals with an emphasis on vocational/ transition services, adult daily living and recreational and leisure skills.

Technology and Engineering Education

Technology & Engineering Education is committed to preparing students for employment and/or continuing education opportunities by teaching them to understand, design, produce, use, and manage the human-made world in order to contribute and function in a technological society. These are the perfect classes to prepare students for success in today's economy.

The Technology & Engineering Education curriculum is designed to provide students the opportunity to try a variety of interest areas and to utilize many new technologies. The classes provide awareness and information about a wide variety of technology related careers and non-traditional opportunities, and prepare students to prosper in a technologically rich society. The classes focus on problem-solving, critical thinking, teamwork, and are largely project-oriented In addition, courses that have traditionally been referred to as "the Trades" are also offered, but with a look at current industry standards.

Seniors wishing to take a Technology and Engineering Education course for the first time should see the department coordinator for class placement.

Project Lead the Way (PLTW)

Project Lead the Way (PLTW) is an international program for students interested in engineering, computer science, or biomedical. Through PLTW students develop in-demand, transportable skills – such as problem solving, critical and creative thinking, collaboration, and communication – that they will use both in school and for the rest of their lives, on any career path they take. Studies have shown that:

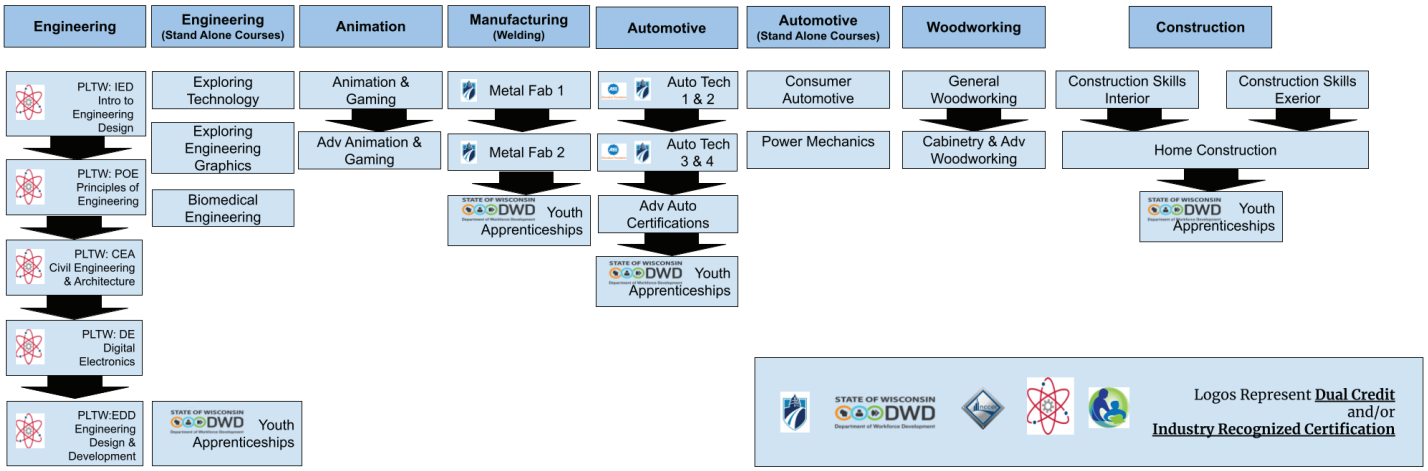
- PLTW contributes to a strong, positive impact on mathematics and science achievement
- PLTW has a positive influence on students' career interest and likelihood to continue their education
- PLTW offers a pathway to prepare and motivate students to enter careers in science and engineering
-

Sun Prairie Area High Schools currently offer a number of PLTW courses in engineering (Introduction to Engineering Design, Principles of Engineering, Civil Engineering and Architecture, Digital Electronics, and Engineering Design and Development). PLTW courses in Computer Science include Computer Science Essentials 1, Computer Science Essentials 2, AP Computer Science Principles, and Cybersecurity 1 & 2 combined.

Dual/college credit is available to juniors and seniors who pass the end-of-the-course assessment and is dependent on the student's choice of college. **Note:** There is no dual credit for Computer Science Essentials 1 and Computer Science Essentials 2

Students must take Cybersecurity 1 AND 2 to be eligible for dual credit through PLTW.

Technology & Engineering Education Class Flow Chart & Recommended Pathways



Sun Prairie East/West High School Instructors			Youth Apprenticeship
Jim Halvorson	jrhalvo@sunprairieschools.org	Automotive	For questions please contact Administrator: Greg Granberg gfgranb@sunprairieschools.org
Kyle Bliefernicht	kmblief@sunprairieschools.org	Manufacturing & Woodworking	
Brent Siler	bmsiler@sunprairieschools.org	Engineering & Animation	
Chadwick Murray	ccmurra@sunprairieschools.org	Engineering & *Computer Science*	
Douglas Johnson	dkjohns@sunprairieschools.org	Construction & Woodworking	

Technology & Engineering Education Work Based Learning / Youth Apprenticeship Opportunities

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

See page 26 for more information

Course #	Title	Grades
5822 YAP	Construction Work Based Learning / Youth Apprenticeship	11-12
5848 YAP	Information Technology (IT) Work Based Learning / Youth Apprenticeship	11-12
5815 YAP	Manufacturing / Welding Work Based Learning / Youth Apprenticeship	11-12
5833 YAP	Engineering Work Based Learning / Youth Apprenticeship	11-12
5831 YAP	BioTechnology Work Based Learning / Youth Apprenticeship	11-12
8840 YAP	Transportation Work Based Learning / Youth Apprenticeship	11-12

Technology and Engineering Education

Click each course title to see a video from the teachers talking about the course.

Course #	Title	Grades	Prerequisites	Length of Course/Credits Earned
8300 TED	Exploring Technology	9-12	None	Semester / .5
8303 TED	Exploring Engineering Graphics	9-12	None	Semester / .5
8705 TED	Animation and Gaming	9-12	None	Semester / .5
8706 TED	Advanced 3D Animation and Gaming	9-12	Animation and Gaming	Semester / .5
8305 TED	Biomedical Engineering	9-12	None	Semester / .5
8307 TED 8308 TED	Introduction to Engineering Design (IED) (PLTW)	9-12	None	Year / 1.0
8309 TED 8310 TED	Principles of Engineering (POE) (PLTW)	10-12	Introduction to Engineering Design (IED) or instructor consent	Year / 1.0
8311 TED 8312 TED	Civil Engineering and Architecture (CEA) (PLTW)	9-12	None	Year / 1.0
8313 TED 8314 TED	Digital Electronics (DE) (PLTW)	10-12	Introduction to Engineering Design (IED) or instructor consent	Year / 1.0
8315 TED 8316 TED	Engineering Design and Development (EDD	11-12	Any previous Project Lead the Way (PLTW) class	Year / 1.0
8403 TED	General Woodworking	9-12	None	Semester / .5
8404 TED	Cabinetry and Advanced Woodworking	9-12	General Woodworking	Semester / .5
8428 TED	Construction Skills: Interior	9-12	None	Semester / .5.
8429 TED	Construction Skills: Exterior	9-12	None	Semester / .5
8409 TED 8410 TED	Home Construction - Habitat for Humanity	11-12	Construction Skills: Interior **OR** Construction Skills: Exterior	Year / 1.5
8801 TED	Power Mechanics	9-12	None	Semester / .5
8806 TED	Consumer Auto	9-12	None	Semester / .5
8851 COMPTED 8852 COMPTED	Automotive Technology 1 and 2 Compacted	9-12	None	Semester / 1.0
8853 COMPTED 8854 COMPTED	Automotive Technology 3 and 4 Compacted	9-12	Automotive Technology 1 and 2 Compacted with a “C” or better.	Semester / 1.0
8826TED	Advanced Automotive Certification	10-12	Automotive Technology 1 and 2 Compacted and Automotive Technology 3 and 4 Compacted. All with a “C” or better.	Semester / .5
8031 TED	Manufacturing Metals Fabrication I	9-12	None	Semester / .5
8032 TED	Manufacturing Metals Fabrication II	9-12	Manufacturing Metals Fabrication I	Semester / .5

Click the ▶ to see a video from Sun Prairie teachers talking about the course

EXPLORING TECHNOLOGY ▶
Course 8300TED
Elective Course
.5 credits

Ever wonder "How Stuff Works?" Do you enjoy making projects and exploring different hands-on career fields? If so, Exploring Technology may lead you on a path of success in Technology and Engineering Education. This is an introductory course created for students to design and produce several hands-on projects that correlate to the many career pathways such as engineering, woodworking and cabinet-making, building trades, automotive technologies, and mechanical design or architectural design. You will learn how to safely operate tools, power tools and machines in the lab, based on your project choices. You will not spend much time in your seat in this class, as we will be working daily on hands on, minds on activities!

This class is intended for students who want to explore their interests in technical, mechanical, engineering, and problem-solving areas, and who want to find out more about technology education courses in grades 9-12. This class will also help students explore potential occupational and career interest areas for occupations that exist today and those occupations that are emerging/will be available in the future. Whether you are bound for a 4 year college degree, a technical degree or training beyond high school, this course will present students with problem solving skills and life skills that they will be able to use, no matter what career they select.

EXPLORING ENGINEERING GRAPHICS ▶
Course 8303TED
Elective Course
.5 credits

Exploring Engineering Graphics provides students the opportunity to learn how designers and engineers use computers and technology to create new things. Through this course, students will identify careers, learn design techniques using computer-aided drafting (CAD), and become acclimated to the materials and processes used in rapid prototyping. Students will design projects in the Computer-Aided Engineering Lab and build these projects using 3D printers, and/or other rapid prototyping machines. Students will be working in teams and as individuals to complete projects that show how technology and engineering design impact everyday items. Students interested in career fields such as engineering, research and development, construction, manufacturing, architecture, transportation, mechanical design, biomedical design, or any other technical-related field are encouraged to enroll.

ANIMATION AND GAMING ▶
Course 8705TED
Elective Course
.5 credits

The animation and video game industry is already bigger than the film industry worldwide, and many video games now match the quality of the best feature film effects. The primary focus of Animation and Gaming is applying knowledge of 2D animation concepts to modeling, texturing and concept art, prototype animation in simulated environments, game production, and learning how to produce a professional demo reel. Career positions in animation and gaming include 2D animators, modelers, lighting and texture artists, level designers, storyboard and concept artists. Employers in the animation and gaming industry are looking for people who have a strong portfolio to showcase their work.

ADVANCED 3D ANIMATION AND GAMING ▶
Course 8706TED
Elective Course
.5 credits
Prerequisite: Animation and Gaming

Advanced 3D Animation and Gaming continues developing student skills in the area of Animations and Video Game Design. Students will use 3D Animation and Gaming software through the completion of case studies (simulated real world scenarios). Areas of study may include, but are not limited to: Medical and Health, Construction, Entertainment, Environment, and Manufacturing. Upon completion of the course, students will have created a professional portfolio to showcase their 3D Animations and Game Designs to prospective employers, technical colleges and universities.

BIOMEDICAL ENGINEERING ▶
Course 8305TED
Elective Course
.5 credits

Biomedical Engineering students will learn about concepts common to engineers in the biomedical, biotechnical, and bioengineering disciplines. Students will conduct case studies as individuals and teams that range from simple exercises to real world problems that students will solve in the classroom. Students will consult with actual engineers and experts in the field of engineering as well as build and test the models they have made using a variety of instruments including computers, rapid-prototyping machines, CNC-technologies, and testing equipment. Students will also have the opportunity to compete in engineering competitions offered by the University of Wisconsin system and SkillsUSA. Field trips to universities and businesses and guest speakers will be utilized in the course. Each activity, case study and event in this course is already directly linked to national Science, Technology, Engineering and Math (STEM) standards.

BIOTECHNOLOGY WORK BASED LEARNING / YOUTH APPRENTICESHIP
Course: 5831YAP

BioTechnology is a small subset of the STEM field that in Dane County is a large industry making huge progress on people's quality of life. The BioTechnology Work Based Learning / Youth Apprenticeship program is the combination of taking classes on Wednesday night in Fitchburg to learn about scientific research and then working at a biotechnology company or in a biotechnology research lab.

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

PRINCIPLES OF ENGINEERING (POE) ▶ (PLTW)
Course 8309TED, 8310TED
Elective Course
1.0 credit
Prerequisite: Introduction to Engineering Design (IED) or consent of instructor
Note: Dual Credit may be offered*

Principles of Engineering (POE) is a high school-level survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Students have an opportunity to investigate engineering and a high tech career. POE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning. Used in combination with a teaming approach, APPB learning challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education.

Successful POE students also take math and science classes while taking POE. Students will employ engineering and scientific concepts in the solution of engineering design problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to present to their peers and members of the professional community.

The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

The course of study includes:

- Mechanisms
- Energy Sources
- Energy Applications
- Machine Control
- Fluid Power

*Dual/college credit is available to Juniors and Seniors who pass the end-of-the-course assessment and is dependent on the student's choice of college.

CIVIL ENGINEERING AND ARCHITECTURE (CEA)(PLTW) ▶
Course 8311TED, 8312TED
Elective Course
1.0 credit
Note: Dual Credit may be offered*

Students will learn about various aspects of civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. In addition, students will use 3D design software to design and document solutions for major course projects. Students will communicate and present solutions to their peers and members of a professional community of engineers and architects.

The course of study includes:

- History of architecture and civil engineering
- Careers in architecture and civil engineering
- Residential design and building
- Commercial design and building
- Site development and analysis

*Dual/college credit is available to Juniors and Seniors who pass the end-of-the-course assessment and is dependent on the student's choice of college.

ENGINEERING WORK BASED LEARNING / YOUTH APPRENTICESHIP
Course: 5833YAP

Engineering is part of the growing STEM industry that is changing how people work. Ranging from prototyping to production to design, employees in this field have a wide variety of duties and impact the world in many different ways. Units in this apprenticeship include civil engineering, mechanical engineering, or drafting technology.

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

INTRODUCTION TO ENGINEERING DESIGN (IED)(PLTW) ▶
Course 8307TED, 8308TED
Elective Course
1.0 credit
Note: Dual Credit may be offered*

Introduction to Engineering Design (IED) is a high school level course appropriate for 9th through 12th grade students who are interested in design and engineering. The major focus of IED is to expose students to design process, engineering standards, research and analysis, technical documentation, global and human impacts, communication methods, and teamwork. IED gives students the opportunity to develop skills and understanding of course concepts through activity, project, and problem-based learning.

Students will employ engineering and scientific concepts in the solution of engineering design problems. In addition, students use a state of the art 3D solid modeling design software package to help them design solutions to solve proposed problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges that increase in difficulty throughout the course. Students will also learn how to document their work, and communicate their solutions to their peers and members of the professional community. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

*Dual/college credit is available to Juniors and Seniors who pass the end-of-the-course assessment and is dependent on the student's choice of college.

DIGITAL ELECTRONICS (DE) ▶
(PLTW)
Course 8313TED, 8314TED
Elective course
1.0 credit
Prerequisite: Introduction to Engineering Design (IED) or consent of instructor
Note: Dual Credit may be offered*

Digital Electronics (DE) is the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discrete voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics. Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, high definition televisions, etc.

The major focus of the DE course is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation.

Utilizing the activity-project-problem-based (APPB) teaching and learning pedagogy, students will analyze, design and build digital electronic circuits. While implementing these designs, students will continually hone their interpersonal skills, creative abilities and understanding of the design process.

Digital Electronics is a high school level course that is appropriate for 10th,11th or 12th grade students interested in electronics. Other than their concurrent enrollment in college preparatory mathematics and science courses, this course assumes no previous knowledge.

Digital Electronics is one of three foundation courses in the Project Lead The Way® high school pre-engineering program. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

Sample Course Activities/Projects/Assessments:

- Creating schematics using design software
- Designing circuits on a breadboard
- Team projects
- Presentations
- Application of algebraic concepts to circuitry

*Dual/college credit is available to Juniors and Seniors who pass the end-of-the-course assessment and is dependent on the student's choice of college.

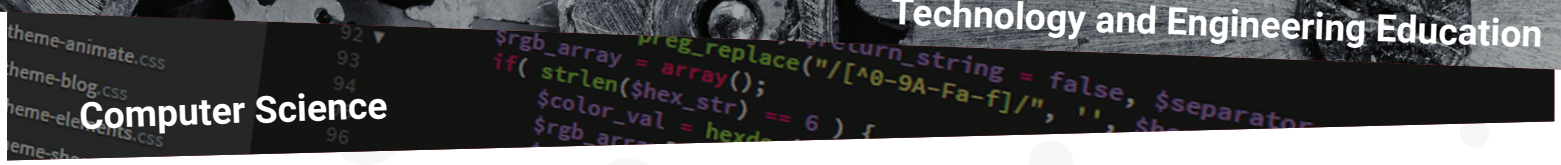
ENGINEERING DESIGN AND DEVELOPMENT (EDD) ▶
(PLTW)
Course 8315TED, 8316TED
Elective Course
1.0 credits
Prerequisite(s): Any previous Project Lead the Way (PLTW) class
Note: Dual Credit may be offered*

Engineering Design and Development (EDD) is the capstone course in the PLTW high school engineering program. It is an engineering research course in which students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

Utilizing the activity-project-problem-based (APPB) teaching and learning pedagogy, students will perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams of students will design, build, and test their solution. Finally, student teams will present and defend their original solution to an outside panel. While progressing through the engineering design process, students will work closely with a community mentor and experts and will continually hone their organizational, communication and interpersonal skills; their creative and problem solving abilities; and their understanding of the design process.

Engineering Design and Development is a high school level course that is most appropriate for 12th grade students. Since the projects on which students work can vary with student interest and the curriculum focuses on problem solving, EDD is appropriate for students who are interested in any technical career path. EDD should be taken as the final capstone PLTW course since it requires application of the knowledge and skills from the PLTW foundation courses.

*Dual/college credit is available to Juniors and Seniors who pass the end-of-the-course assessment and is dependent on the student's choice of college.



Computer Science

See the Computer Science section of this book on page 53 for more information about the below courses:

COMPUTER SCIENCE ESSENTIALS 1 (CSE 1) (PLTW)
Course 3812CIS
Elective Course
.5 credits

COMPUTER SCIENCE ESSENTIALS 2 (CSE 2) (PLTW)
Course 3813CIS
Elective Course
.5 credits
Prerequisite: Computer Science Essentials 1 (CSE 1) (PLTW)

ADVANCED PLACEMENT (AP) COMPUTER SCIENCE PRINCIPLES
Course 3804CIS, 3805CIS
Elective Course
1.0 credit

ADVANCED PLACEMENT (AP) COMPUTER SCIENCE APPLICATIONS
Course 3806CIS, 3807CIS
Elective Course
1.0 credit
Prerequisite: Advanced Placement (AP) Computer Science Principles or Computer Science Essentials 1 and 2 with instructor approval

INFORMATION TECHNOLOGY (IT) WORK BASED LEARNING / YOUTH APPRENTICESHIP
Course: 5848YAP

IT functions are universal in all types of businesses and industries. This cluster is among the largest and fastest growing sources of employment in Wisconsin. Units in this apprenticeship program include general IT, network systems, programming and software development, or web and digital communications pathways.

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

Construction & Woods Program

GENERAL WOODWORKING ▶
Course 8403TED
Elective Course
.5 credits

This course offers a gateway into the world of woodworking. Introductory woodworking techniques will be taught and students will create projects using these skills. Students will learn how to operate the machinery commonly used by woodworking businesses along with the safety that is required. This class will serve as a gateway for students to take advanced classes in woodworking or building construction.

CABINETRY AND ADVANCED WOODWORKING ▶
Course 8404TED
Elective Course
.5 credits
Prerequisite: General Woodworking

In Cabinetry and Advanced Woodworking, students will be offered the opportunity to expand upon the skills gained in General Woodworking. In the first part of the class, students will learn how to layout, design and build a cabinet system for usage in a residential household. Students will learn from a variety of styles including lectures, hands-on activities and guest speakers. The second part of the class will be devoted to teaching advanced woodworking concepts and skills, and allowing students the ability to use them. Students will be responsible for proposing a design idea, estimating the amount of materials necessary, purchasing the material and creating the project.

CONSTRUCTION SKILLS: INTERIOR ▶
Course 8428TED
Elective Course
.5 credits

Students will receive skills in safety, residential framing, drywall, basic electrical, basic plumbing, trimming, tiling, window and door installation and painting depending on circumstances. The course will be focused mainly on in-class hands-on projects.. Professionals from the building industry will also be invited to come in and give presentations to the students. Students will receive classroom training in modern construction techniques, be given lab time to get hands-on experience practicing these techniques in a learning environment and have the opportunity to study many areas of construction.

CONSTRUCTION SKILLS: EXTERIOR ▶
Course 8429TED
Elective Course
.5 credits

Students will receive skills in safety, residential framing, decking, masonry, siding, roofing and landscaping depending on circumstances. The course will be focused mainly on in-class hands-on projects. Professionals from the building industry will also be invited to come in and give presentations to the students. Students will receive classroom training in modern construction techniques, be given lab time to get hands-on experience practicing these techniques in a learning environment and have the opportunity to study many areas of construction.

HOME CONSTRUCTION - HABITAT FOR HUMANITY ▶
Course 8409TED (Semester 1)
Course 8410TED (Semester 2)
Elective Course
1.5 Credits
Prerequisite: Construction Skills: Interior **OR** *Construction Skills: Exterior*

When registering, be sure to register for both courses listed above. Students will take a two-period block every other day for one semester and a one-period block every other day for the other semester.

This course will allow students to acquire the knowledge and skills needed to construct a single-family home. The purpose of this course is to expose students to several aspects of Residential Construction and to prepare the student for entry-level employment in the Industry. Emphasis will be placed on, but not limited to: safety skills; knowledge and the use of common tools, materials, and components; teamwork, punctuality; job site demeanor; and problem-solving.

Students will be encouraged to: learn home design by learning how to read technical drawings; work with and learn from subcontractors; work on and lead student crews; assist visiting fellow students and staff on the home construction site; act as program liaisons within the high school; have active involvement in trade organizations and other Construction Industry related projects/programs; and participate in guest lectures from industry professionals.

CONSTRUCTION WORK BASED LEARNING / YOUTH APPRENTICESHIP
Course: 5822YAP

In this industry, worksites vary from being immersed in large architectural firms to working within local construction companies or the opportunity to be trained by trade specialists. Earnings in this career are higher than average and it offers more opportunities than other industries for individuals to run their own business. Units in this apprenticeship program include architecture, carpentry, electrical, heavy equipment, masonry, HVAC, or plumbing.

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

Automotive Program

POWER MECHANICS ▶
Course 8801TED
Elective Course
.5 credits

This is a course that primarily focuses on the operation, service, and repair of small engines. Students will be disassembling, measuring, refurbishing, and reassembling small engines successfully. The class has a hands-on approach to learning with most of the time being spent in lab learning using step-by-step instruction and problem solving. Small engines are used in many different ways for work and recreation. The need for service and repair has grown as the industry has grown. Now there is a great need for trained service technicians in many different areas of small engines.

CONSUMER AUTO ▶
Course 8806TED
Elective Course
.5 credits

This course is designed for anyone wanting to learn how to take good care of their vehicle. A vehicle can be the second largest investment you make, behind purchasing a home. Most of us will need a vehicle to get to work, but vehicles can get very expensive if we have large repairs to pay for. This course will teach you the basics of how vehicles work and show you how you can do some basic maintenance with common hand tools to keep your car in good working condition. This will make your vehicle last longer and help you to avoid expensive repairs.

If you have no knowledge of how vehicles work, this course is for you. The course consists of classroom instruction and many hands-on labs. The knowledge you gain will serve you for a lifetime.

AUTOMOTIVE TECHNOLOGY 1 AND 2 COMPACTED ▶
Course: 8851 COMPTED (Automotive Technology 1)
Course: 8852 COMPTED (Automotive Technology 2)
Elective Course
1 Credit total (.5 credit for Auto Technology 1 and .5 credit for Auto Technology 2)

Note: These courses are compacted together so they will meet every day for 1 semester.

These courses are designed to prepare students for entry level jobs in the automotive industry, or simply further knowledge about the various systems of today's vehicles. This class is a perfect start for anyone looking to do more automotive training at a technical college, or just want to learn about how today's vehicles work.

Automotive industry professionals have professed the dire need for technical and skilled labor to maintain, service, and repair today's constantly evolving vehicles. Using lectures, demonstrations, online textbooks, and hands-on lab activities, students will gain knowledge needed to understand, diagnose and service vehicles in the areas of:

- Steering and Suspension
- Brakes

Upon completion of each unit, students will take the Student ASE certification tests with a chance to become certified in both Steering and Suspension, as well as Brakes. These certifications will make students more employable and can increase pay when finding jobs within the automotive industry.

TRANSPORTATION WORK BASED LEARNING / YOUTH APPRENTICESHIP
Course:8840YAP

Technology will continue to streamline and transform the logistics and distribution industry. Employment in the automotive repair sector is expected to increase due to the sophistication and dependency on electronic controls and systems in motor vehicles requiring skilled professionals. Units in this apprenticeship program include logistics, auto collision, auto technician, or diesel technician pathways.

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

Automotive Program

AUTOMOTIVE TECHNOLOGY 3 AND 4 COMPACTED ▶

Course: 8853 COMPTED (Automotive Technology 3)
Course: 8854 COMPTED (Automotive Technology 4)
Elective Course
1 Credit total (.5 credit for Auto Technology 3 and .5 credit for Auto Technology 4)
Prerequisites: Automotive Technology 1 and 2. Both with a "C" or better.

Notes: These courses are compacted together so they will meet every day for 1 semester.

These courses are designed to continue learning about car systems that were not covered in Automotive Technology 1 and 2. It is a great class for anyone looking into a career in the automotive industry or just wanting to learn more about today's vehicles.

Automotive industry professionals have professed the dire need for technical and skilled labor to maintain, service, and repair today's constantly evolving vehicles. Using lectures, demonstrations, online textbooks, and hands-on lab activities, students will gain knowledge needed to understand, diagnose and service vehicles in the areas of:

- Engine Repair, Electrical / Electronic Systems
- Automatic Transmissions and Transaxles
- Manual Drivetrain and Axles
- Heating and Air Conditioning
- Engine Performance
- Heating and Air Conditioning

Upon completion of each unit, students will take the Student ASE certification tests with a chance to become certified in each of the 6 areas listed above. These certifications will make students more employable and can increase pay when finding jobs within the automotive industry. Students completing Automotive Technology 4, and meeting all standards, will also have the opportunity to receive advanced standing or dual credit from Madison College.

ADVANCED AUTOMOTIVE CERTIFICATION ▶

Course 8826TED, 8827TED
Elective Course
.5 Credits
Prerequisite: Automotive Technology 1 and 2 Compacted and Automotive Technology 3 and 4 Compacted.
All with a "C" or better.

This course is designed for students who have completed Automotive Technology 1 and 2 Compacted and Automotive Technology 3 and 4 Compacted, and would like to further develop their knowledge in the automotive service industry while earning industry recognized training and certifications from leading automotive manufacturers Ford or Subaru. Students will be expected to do independent study using either the Ford or Subaru online training programs while earning shop time to work on independent projects of their choosing. Both Ford and Subaru have created online training and certification programs geared towards high school students. These certifications will be in the areas of:

- Engine Repair
- Automatic Transmissions
- Manual Transmissions
- Steering and Suspension
- Brakes
- Electronics
- Heating and Air Conditioning
- Engine Performance

This is the same online training and certifications service technicians in the industry use in order to gain employment, and advancement in both title and pay. And although these certifications are coming from Ford and Subaru, they are recognized by most all manufacturers.

MANUFACTURING METAL FABRICATION I ▶
Course 8031TED
Elective Course
.5 credits
Note: Dual Credit may be offered*

Students in this course, work to develop solid manipulative skills welding many types of mild steel weld joints in the flat and horizontal position using the SMAW process. Competencies are performed using a variety of electrodes and techniques developed for structural steel, pipe and maintenance welding. This course is a dual-credit course.

If you are currently at junior or senior standing, you are able to apply for credit if you meet all of the weld assembly requirements and pass a guided bend test.

*College credit is dependent on school certification and passing the end-of-course assessment. Dual credit is for Junior and Senior students. Dual credit is not guaranteed every year.

MANUFACTURING METAL FABRICATION II ▶
Course 8032TED
Elective Course
.5 credits
Prerequisite: Manufacturing Metal Fabrication I
Note: Dual Credit may be offered*

Students in the Advanced Manufacturing Metal Fabrication class will concentrate on developing solid manipulative skills and a theoretical understanding of the GMAW (Gas Metal Arc Welding), FCAW (Flux Cored Arc Welding) and GTAW (Gas Tungsten Arc Welding) processes. Manual skills will be developed welding a variety of weld joints made of mild steel in the flat and horizontal positions. Theoretical understanding of the GMAW, FCAW and GTAW welding processes will be gained through lecture, discussions, reading assignments and tests/ quizzes. This course is a dual-credit course.

If you are currently at junior or senior standing you are able to apply for credit if you meet all of the weld assembly requirements and pass a guided bend test.

*College credit is dependent on school certification and passing the end-of-course assessment. Dual credit is for Junior and Senior students. Dual credit is not guaranteed every year.

MANUFACTURING / WELDING WORK BASED LEARNING / YOUTH APPRENTICESHIP
Course: 5815YAP

The manufacturing career cluster is the engine that drives American prosperity. Manufacturing is one of the largest employment sectors in Wisconsin and requires a high number of technically skilled employees to drive innovation within our state. Units in this apprenticeship program include production, operations management, or maintenance/installation/repair pathways.

Students requesting a Work Based Learning / Youth Apprenticeship course need to request a complete (full) course load in Xello. A student's schedule will be changed after the student is accepted into the program and has secured a job in the field. For additional information regarding this program, please contact your College, Career, and Life Readiness Coordinator or School Counselor.

In our global community, world languages are essential and all Sun Prairie students are encouraged to investigate world language study. In our Sun Prairie High Schools, all students have the opportunity to study French, German, and Spanish.
The courses are designed to develop international interest and understanding, to distinguish the student in a competitive job market, and to aid the student to better use and understand English.

The world language student is expected to complete a full year of the course and is encouraged to continue study of that language to develop skills to a workable level. Students will have the opportunity to enroll in the next level course in the world language sequence upon successful completion of their currently enrolled course. Successful completion means earning a "D" or better on at least one semester of the world language course at a given level. If a student earns an "F" after one semester, a meeting will occur with the student and parent/caregiver to determine the next steps for the student's enrollment in the course.

Some post-secondary schools require between 2-3 years of world languages for entrance. By completing a sequence of World Languages study, students may receive college credit and World Languages exemptions. Students who enter and successfully complete an upper level or intermediate college course may receive college credit for previous world language courses (ie. Retroactive credits). AP tests are also available for all languages. Students should contact the student services staff and research various colleges to find out specific world languages requirements. Sun Prairie high school language courses, however, are for all interested students.

Sun Prairie High Schools belong to the Wisconsin Global Schools Networks and our language students have the opportunity to earn the Wisconsin Global Education Achievement Certificate. The Wisconsin Global Education Achievement Certificate (GEAC) is awarded to graduating high school students who have demonstrated a strong interest in global issues by successfully completing a global education curriculum and engaging in co-curricular activities and experiences that foster the development of global competencies.

World Languages Flowchart

Successful completion of each class is a prerequisite for the next level (moving from left to right)

Spanish for Heritage Speakers	I → II → III → IV
Hmong for Heritage Speakers	I → II → III → IV
French	I → II → III → IV →AP
German	I → II → III → IV → AP
Spanish	I → II → III → IV → AP

World Languages Mission Statement

The mission of the world languages department is to inspire our students through the learning of other languages to become lifetime learners in a global society, respecting the cultures, values, and beliefs of all people.

Common Questions for World Languages

How much world language do I need to graduate from Sun Prairie High Schools?
There is not a world language graduation requirement, however, world language does count as elective credit.

Foreign-Language Requirements in Wisconsin Colleges and Universities
Study done by Jamie Piittmann, Hartford Union High School

Institution	Admission Requirement	Credit Given Through AP Exam	Departmental Examination for Credit or Placement	High School Courses Satisfying Requirements Without Examination	Graduation Requirement
UW-Eau Claire (715) 836-5415	2 high school units of one FL	Yes	Yes—max of 16 retroactive credits	No	University-Wide Requirement: 2 semesters of FL or its equivalent OR 9 credits of Foreign Culture Courses OR a semester of Study Abroad experience OR a combination of coursework between FL and Foreign Culture courses
UW-Green Bay (920) 465-2111	No, but can fulfill elective requirement	Yes	Yes—max of 17 retroactive credits	No	None Certain majors require language.
UW-LaCrosse (608) 785-8939	No, but can fulfill elective requirement (average student at UW-L has had 3 years)	Yes	Yes—max of 16 retroactive credits	No	16 credits required for BA degree; Level 102 and above are used to satisfy one section of the general education requirements, but are not a mandatory choice
UW-Madison (608) 262-3961	2 years of single language, 4 is typical	Yes	Yes—no maximum	No	BA—4th level in one language or 3rd level in one language AND 2nd level in another language BS—3rd level of a language
UW-Milwaukee (414) 229-2222	No, but strongly recommended	Yes	Yes—max of 14 retroactive credits	No	Students must complete at least two college semesters of a single foreign language to graduate, and some programs require four or more semesters of foreign language study. Successful completion of at least two years of a single language at the high school level will help you satisfy the UWM foreign language requirement, and is therefore strongly recommended.

Source: https://dpi.wi.gov/sites/default/files/imce/cal/pdf/feunrirmts.pdf

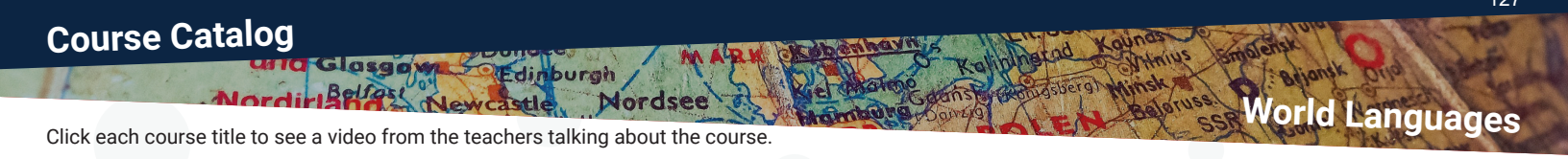
How much world language do I need to be accepted into college?
Not all post-secondary institutions have a world language requirement for admission, however, they are often encouraged. Below is a portion of a chart from the Wisconsin Department of Public Instruction (DPI), including information regarding credit for AP exams as well as foreign language requirements for graduation from the institutions themselves (which may often be fulfilled through high school foreign language credits). For a more exhaustive list, please see their website (listed below).

Source: https://dpi.wi.gov/sites/default/files/imce/cal/pdf/feunrirmts.pdf

How do retroactive credits work?
When students take placement exams during their college registration time (English and Math), they can also take a world language placement exam. Depending on your placement (and your university), you may be able to earn credit for classes below your placed level. For example, if you test into Spanish 202 (4th semester) and get a B or better in the class, you will also get credit for Spanish 101, 102, and 201 (9-12 credits) for free. (Note: Not all UW colleges give retro. credits.)

Who should take an AP world language class? Why?
Typically students who are successful in level 4 will have success in AP the following year. Most students are Seniors, with some accelerated Juniors (must take a placement exam with a language teacher to accelerate). Students could receive free credit after successfully taking the AP exam (scores of 3, 4, or 5 may have tiered credit, depending on the college). Students taking the AP course are not required to take the AP exam.

Can I get both retro credits and AP credits?
Check with your college of interest (for schools in Wisconsin, see chart/website above) for more information.



World Languages

Click each course title to see a video from the teachers talking about the course.

Course #	Title	Grades	Prerequisites	Length of Course/Credits Earned
5862 FOR 5863 FOR	Spanish Language for Heritage Speakers I	9-12	Spanish fluent or consent of instructor	Year / 1.0
5864 FOR 5865 FOR	Spanish Language for Heritage Speakers II	9-12	Spanish Language for Heritage Speakers I	Year / 1.0
5882 FOR 5883 FOR	Spanish Language for Heritage Speakers III	10-12	Spanish Language for Heritage Speakers II	Year / 1.0
5884 FOR 5885 FOR	Spanish Language for Heritage Speakers IV	10-12	Spanish Language for Heritage Speakers III	Year / 1.0
5858 FOR 5859 FOR	Hmong Language for Heritage Speakers I	9-12	Hmong fluent or consent of instructor	Year / 1.0
5878 FOR 5879 FOR	Hmong Language for Heritage Speakers II	9-12	Hmong Language for Heritage Speakers I	Year / 1.0
5888 FOR 5889 FOR	Hmong Language for Heritage Speakers III	10-12	Hmong Language for Heritage Speakers II	Year / 1.0
5898 FOR 5899 FOR	Hmong Language for Heritage Speakers IV	10-12	Hmong Language for Heritage Speakers III	Year / 1.0
6011 FOR 6012 FOR	Spanish I	9-12	None	Year / 1.0
6013 FOR 6014 FOR	Spanish II	9-12	Spanish 1	Year / 1.0
6015 FOR 6016 FOR	Spanish III	9-12	Spanish II	Year / 1.0
6017 FOR 6018 FOR	Spanish IV	11-12	Spanish III	Year / 1.0
6019 FOR 6020 FOR	Advanced Placement (AP) Spanish	12	Spanish IV	Year / 1.0
6131 FOR 6132 FOR	French I	9-12	None	Year / 1.0
6133 FOR 6134 FOR	French II	9-12	French I	Year / 1.0
6135 FOR 6136 FOR	French III	9-12	French II	Year / 1.0
6137 FOR 6138 FOR	French IV	11-12	French III	Year / 1.0
6139 FOR 6140 FOR	Advanced Placement (AP) French	12	French IV	Year / 1.0
6211 FOR 6212 FOR	German I	9-12	None	Year / 1.0
6213 FOR 6214 FOR	German II	9-12	German I	Year / 1.0
6215 FOR 6216 FOR	German III	10-12	German II	Year / 1.0
6217 FOR 6218 FOR	German IV	11-12	German III	Year / 1.0
6221 FOR 6222 FOR	Advanced Placement (AP) German	12	German IV	Year / 1.0

SPANISH LANGUAGE FOR HERITAGE SPEAKERS I - IV ▶

Spanish Language for Heritage Speakers are classes for students who speak or understand Spanish as a heritage language. In these classes students will work on improving their reading, writing, speaking, and listening skills through the study of the history and culture of multiple Spanish speaking countries. Students will read and study literature as a point of departure for advanced vocabulary and grammar instruction. The classes will be conducted entirely in Spanish.

Las clases de Español para Hispanohablantes están diseñadas para aquellos estudiantes que hablen español, o entiendan español como lengua de herencia . En estas clases se hará énfasis en desarrollar las destrezas de producción y comprensión oral y escrita a través del estudio de la historia y cultura de los países de habla hispana. De igual manera, se tratarán textos literarios que servirán como punto de partida para el estudio de vocabulario avanzado y gramática. Estas clases son impartidas completamente en español.

SPANISH LANGUAGE FOR HERITAGE SPEAKERS I
Course 5862FOR, 5863FOR
Elective Course
.5 credits
Prerequisite: Spanish fluent or consent of instructor

SPANISH LANGUAGE FOR HERITAGE SPEAKERS II
Course 5864FOR, 5865FOR
Elective Course
.5 credits
Prerequisite: Spanish Language for Heritage Speakers I

SPANISH LANGUAGE FOR HERITAGE SPEAKERS III
Course 5882FOR, 5883FOR
Elective Course
.5 credits
Prerequisite: Spanish Language for Heritage Speakers II

SPANISH LANGUAGE FOR HERITAGE SPEAKERS IV
Course 5884FOR, 5885FOR
Elective Course
.5 credits
Prerequisite: Spanish Language for Heritage Speakers III

HMONG LANGUAGE FOR HERITAGE SPEAKERS I ▶
Course5858FOR, 5859FOR
Elective Course
1.0 credit
Prerequisite: Hmong fluent or consent of instructor

Hmong Language for Heritage Speakers is a class for students who speak or understand Hmong as a heritage language. In this class students will work on improving their reading, writing, speaking, listening and comprehension skills through the study of the history and culture of the Hmong. Students will read and study literature as a point of departure for advanced vocabulary and grammar instruction. The class will be conducted primarily in Hmong.

Chav Hmoob Lub Neej thiab Lus Hmoob yog ib chav rau cov me nyuam lub xiv uas txawj hais los sis paub lus Hoob. Nyob rau hauv chav no cov me nyuam lub xiv yuav kawm thiab xyaum nyeem ntawv, sau ntawv, hais lus, mloog lus thiab kawm kev nkag siab los ntawm kev kawm txog keeb kwm Hmoob thiab haiv neeg Hmoob. Cov me nyuam lub xiv yuav nyeem thiab saib cov ntawv phau los mus pab rau kev kawm lus thiab kev siv lus. Chav no feem ntau yuav siv lus Hmoob.

HMONG LANGUAGE FOR HERITAGE SPEAKERS II
Course 5878FOR, 5879FOR
Elective Course
1.0 credit
Prerequisite: Hmong Language for Heritage Speakers I

Hmong Language for Heritage Speakers II is a class for students who speak or understand Hmong as a heritage language. In this class, students will work on expanding their reading, writing, speaking, listening, and comprehension skills through the study of history and culture of the Hmong.Students will read and study advanced literature as a point of departure for more complex vocabulary and grammar instruction. Students will build upon and improve their writing skills in Hmong. The course will be conducted primarily in Hmong.

Chav Hmoob Lub Neej thiab Lus Hmoob yog ib chav rau cov me nyuam lub xiv uas txawj hais los sis paub lus Hmoob. Nyob rau hauv chav no cov me nyuam lub xiv yuav kawm thiab xyaum nyeem ntawv, sau ntawv, hais lus, mloog lus thiab kawm kev nkag siab los ntawm kev kawm txog keeb kwm Hmoob thiab haiv neeg Hmoob. Cov me nyuam lub xiv yuav nyeem thiab saib cov ntawv phau los mus pab rau kev kawm lus thiab kev siv lus txuas ntxiv mus. Chav no feem ntau yuav siv lus Hmoob.

HMONG LANGUAGE FOR HERITAGE SPEAKERS III
Course 5888FOR, 5889FOR
Elective Course
1.0 credit
Prerequisite: Hmong Language for Heritage Speakers II

HMONG LANGUAGE FOR HERITAGE SPEAKERS IV
Course 5898FOR, 5899FOR
Elective Course
1.0 credit
Prerequisite: Hmong Language for Heritage Speakers III

Spanish

Click the ▶ to see a video from Sun Prairie teachers talking about the course

SPANISH I ▶
Course 6011FOR, 6012FOR
Elective Course
1.0 credit

Spanish I is an introductory course in Spanish listening, speaking, reading, and writing with an emphasis on listening and oral skills. This is open to all students who would like to learn about Spanish-speaking countries, the language, and the culture. Students should expect homework everyday outside of class. Students will learn to speak, read, and write in Spanish.

SPANISH II ▶
Course 6013FOR, 6014FOR
Elective Course
1.0 credit
Prerequisite: Spanish I

Spanish II is a continuation of Spanish I with emphasis on the development of listening and oral skills and additional emphasis on reading and writing. Vocabulary building, idiomatic usage, and sentence construction are emphasized in the process, and an awareness of Hispanic culture is developed through a variety of classroom activities. Students should expect homework everyday outside of class. Spanish is used in class as much as possible. Students will learn to speak, read, and write in Spanish.

SPANISH III ▶
Course 6015FOR, 6016FOR
Elective Course
1.0 credit
Prerequisite: Spanish II

Spanish III is a continuation of Spanish II with listening, speaking, reading, and writing skills practiced on a more advanced level. The structure of the Spanish language is further studied. Aspects of Spanish and Spanish-American civilizations are studied. The class is conducted in Spanish as much as possible.

SPANISH IV ▶
Course 6017FOR, 6018FOR
Elective Course
1.0 credit
Prerequisite: Spanish III

Spanish IV is a continuation of Spanish III. Reading skills are given further emphasis and contribute to other goals of this course: to further student understanding of Spanish culture and to stimulate free discussion in Spanish. The student continues developing awareness of Spanish culture, ability to understand rapidly spoken Spanish and reading.

ADVANCED PLACEMENT (AP)
SPANISH LANGUAGE AND CULTURE ▶
Course 6019FOR, 6020FOR
Elective Course
1.0 credit
Prerequisite: Spanish IV

AP Spanish Language is the final year of Spanish available at the high school level and is geared towards using the language to speak, read, write, and listen. Grammatical constructions are reviewed and vocabulary is expanded. There is an emphasis on creating with the language and applying the language and culture concepts learned in previous years, versus simple memorization and recall. Works by famous Hispanic authors are read and analyzed. Students taking this course are also prepared to take the AP exam in the Spring if they so choose. Classes are conducted entirely in Spanish.

French

FRENCH I ▶
Course 6131FOR, 6132FOR
Elective Course
1.0 credit

French I is an introduction to the language and culture of French-speaking countries. The primary emphasis is on speaking and understanding basic conversational French. Vocabulary and grammar points are introduced through oral classroom work. A variety of activities help expand the student's knowledge. French I is open to any student who is interested in learning about other languages and cultures. Students will learn to speak, read, and write in French.

FRENCH II ▶
Course 6133FOR, 6134FOR
Elective Course
1.0 credit
Prerequisite: French I

French II is a continuation of French I. The students' speaking and listening skills are further developed through class discussion activities. There is increased work on reading and writing French. Students are exposed to French culture and geography through videos and a variety of classroom activities. The class is conducted largely in French. Students will learn to speak, read, and write in French.

FRENCH III ▶
Course 6135FOR, 6136FOR
Elective Course
1.0 credit
Prerequisite: French II

Learning experiences outside the classroom may include the Chazen Art Museum and French House on the UW-Madison campus and the Art Institute of Chicago. (This applies for Sun Prairie East students only)

French III builds on the skills acquired in French I and II. Speaking and listening skills continue to be important, as the class is conducted in French as much as possible. Writing is improved through a variety of exercises, including original paragraphs. Cultures of French-speaking countries are studied throughout the course.

FRENCH IV ▶
Course 6138FOR, 6137FOR
Elective Course
1.0 credit
Prerequisite: French III

Learning experiences outside the classroom may include the Chazen Art Museum and French House on the UW-Madison campus and the Art Institute of Chicago. (This applies for Sun Prairie East students only)

French IV is a continuation of French III. Students work on strengthening reading, writing, speaking and listening skills as they review the grammar and vocabulary from the previous levels of French. The class is conducted largely in French, with an emphasis on the culture of francophone countries, and it introduces many of the topics that are covered in AP French.

ADVANCED PLACEMENT (AP)
FRENCH LANGUAGE AND CULTURE ▶
Course 6139FOR, 6140FOR
Elective Course
1.0 credit
Prerequisite: French IV

Learning experiences outside the classroom may include the Chazen Art Museum and French House on the UW-Madison campus and the Art Institute of Chicago. (This applies for Sun Prairie East students only)

AP French Language and Culture is an Advanced Placement class taken by students who want to continue expanding their knowledge of the French language, literature, and culture. The class is entirely conducted in French so students are expected to speak in French with both the teacher and classmates at all times. The materials used in this course are authentic. The curriculum is based on francophone literature, newspapers, radio broadcasts, and films within which grammar, culture, and vocabulary are taught. In order to reinforce and refine their reading, writing, speaking, and listening skills, students are asked to work on individual and group projects, do research on selected topics, write essays, and prepare oral presentations. This class helps students become proficient in French, and prepares them to take the AP Exam in the Spring. A good result on this exam may result in college credits. Taking the AP exam is not mandatory, but it is highly recommended.

German

GERMAN I ▶
Course 6211FOR, 6212FOR
Elective Course
1.0 credit

German I is an introduction to the language and culture of German-speaking countries. The emphasis in the course is on the spoken word. Students concentrate on learning to speak and understand basic conversational German. Students learn vocabulary, elementary grammar principles, and learn about German culture. Extra activities provide additional insights into German language and culture. Students will develop a basic proficiency in spoken and written German.

GERMAN II ▶
Course 6213FOR, 6214FOR
Elective Course
1.0 credit
Prerequisite: German I

German II is a continuation of German I. Greater emphasis is placed on spoken communication in accurate, comprehensible forms. Vocabulary, cultural background, and conversational ability are further enlarged and developed. Greater emphasis is also placed on grammar, with application in basic reading and writing skills. A variety of activities, films, etc. give further exposure to German. Students will become more confident and further develop spoken and written German language through the integration of more authentic materials.

GERMAN III ▶
Course 6215FOR, 6216FOR
Elective Course
1.0 credit
Prerequisite: German II

German III emphasizes both oral and written communication and comprehension. The course is taught as much in German as the subject matter will allow. Reading selections are used to expand vocabulary, stimulate discussion and provide a cultural background. Students also work with the spoken word via films, class presentations, and reports. Writing skills are developed through systematic grammar exercises, diaries, and short writing assignments.

GERMAN IV ▶
Course 6217FOR, 6218FOR
Elective Course
1.0 credit
Prerequisite: German III

German IV includes a thorough grammar review and further development of reading and writing skills. Students read and discuss short stories including a unit on the fairytales of the Grimm Brothers. Since the course is taught primarily in German, listening and speaking skills are exercised daily. The use of compositions further develops writing ability. The purchase of a German/English dictionary is strongly recommended.

ADVANCED PLACEMENT (AP) GERMAN LANGUAGE AND CULTURE ▶
Course 6221FOR, 6222FOR
Elective Course
1.0 credit
Prerequisite: German IV

AP German Language and Culture is our highest level German course, which is taught completely in the target language and focuses on all four communication skills: listening, speaking, reading, and writing. AP German Language and Culture is open to juniors and seniors who have successfully completed German IV. In this immersion experience, students develop the confidence to express their own ideas in German through responding to and analyzing authentic materials. This class strives to promote fluency and accuracy in language use without overemphasizing grammatical accuracy at the expense of communication. Students will be engaged in an exploration of authentic culture – in both contemporary and historical contexts. Taking the AP exam in the spring is highly recommended. College credit may be awarded for a qualifying score on this exam.

Students may pursue special studies beyond the regular curriculum. Students, in consultation with their counselor, may arrange a contract with a teacher who will supervise. The faculty or staff supervisor will assist the student in drafting a specific project or duty description. The project must be approved by the parents, the administration and the department chairperson for the department in which the project or duty description will be submitted for credit. Procedures, requirements and application forms may be obtained in the Student Services Office.

Course #	Title	Grades	Prerequisites	Length of Course/Credits Earned
See Student Services for Application	Teacher Assistant: High School	11/12	See requirements in course outline. Junior or senior standing only.	
See Student Services for Application	Independent Study	12	See requirements in course outline. Senior standing is required.	.5

TEACHER ASSISTANT: HIGH SCHOOL
Elective Course
Prerequisite: Junior Standing & 2.0 minimum GPA

The teaching assistantship allows students a distinct learning experience and is particularly beneficial for those students interested in a career in education. The assistantship may only be taken at the high school.

Guidelines and general rules for Teaching Assistant Participation:

- Students being considered for approval and continuation as a teacher assistant must meet high school attendance and behavior expectations.
- The student must have a cumulative grade point average of at least 2.00 and be enrolled in their 3rd or 4th year of high school.
- The assistantship must be taken in place of a study hall and must be scheduled during the supervising teacher's designated period of course instruction.
- A student may only TA twice during high school.
- The supervising teacher may have no more than one teacher assistant per period.
- The supervising teacher may have no more teacher assistants than the number of course periods in which the teacher is contracted to teach.
- The teacher assistant may check/correct assignments under the supervision of the supervising teacher. The teacher assistant must not enter grades in the gradebook or computer, nor have access to students' grades (i.e. computer generated grade sheets).
- The teacher assistant must have a pass from the supervising teacher when traveling through the halls. The teacher assistant must not have access to areas of the building designated for faculty and staff only (i.e. faculty mailboxes, teacher lounge, etc.)

Request for teaching assistant participation will be processed, approved/denied and documented under the following guidelines:

- Requests for a teacher assistantship must be made in writing by completing the Application for Teacher Assistant. Applications are available in the Student Services Office. Completed applications must be submitted to the student's school counselor.
- An application must include supporting materials (List of Student Responsibilities and Learning Objectives/Academic Standards)
- Applications will be approved/denied through the Administrative Team at the high school.

Modifications may be made to these guidelines to accommodate students with disabilities through the IEP process or through a 504 plan.

INDEPENDENT STUDY
Elective Course
.5 credits
Prerequisite: Senior Standing

The Independent Study Program provides students with a unique learning experience beyond what is usually provided in the regular classroom environment. Independent Study occurs in the high school setting with a high school teacher serving as faculty advisor.

Independent Study projects must be pre-approved by the students' counselor and building administrator.

Independent Study credit is awarded only after satisfactory completion of the Independent Study project. Credit will not be awarded if the independent study has not been pre-approved by the staff and administration listed above, prior to the beginning of the independent study.

Each Independent Study project proposal shall follow the process outlined below:
- The complete written outline of the project, including criteria of judgment being used to assess the project, the name of the faculty advisor, and the name of the student using the Independent Study Template.
- The student, in conjunction with the faculty advisors will formulate the Independent Study project proposal and submit it. The "Approval of Independent Study" form must be completed and necessary signatures from counseling staff and administration obtained.
- The faculty advisor will oversee the student's progress, provide ongoing feedback regarding student performance, and evaluate the final project.
- All information above must be present when the proposal is submitted to the counselor and administrator.

Guidelines for Independent Study projects are as follows:
- The Independent Study takes the place of a course and may be one of the seven courses the student takes in addition to a study hall (or the eighth course if the student does not take a study hall).
- The program is for 1/2 credit per semester and may not count as a required course for graduation.
- Because the student is eligible to earn 1/2 credit per semester for an Independent Study project, the project must require at least 90 hours of class work on the part of the student.
- Independent Study is for seniors only.
- The application and outline of the project will be housed in the student services office with other grade records upon completion of the semester.
- A progress report will be sent to the parent as per policy guidelines by the teacher advisor.
- The student, with the assistance of the faculty advisor, will submit a syllabus (or study progression) that includes steps for completion and mandatory deadlines in order to continue with the program.

If students have serious school problems such as truancy or discipline issues, continued participation in the Independent Study Program will be reviewed by the Administrative Team. An Independent Study can be terminated with a failing grade. In this case, no credit will be granted.

Modifications may be made to these guidelines to accommodate students with disabilities through the IEP process or through a 504 Plan.