

High School COURSE GUIDE

2022-2023



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

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



Sun Prairie Area
School District

Non-Discrimination Statements

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 pab 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.

Si un estudiante, padre o guardián prefiere tener esta información traducida en Español, por favor contactenos en el 608-834-6620.

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Sun Prairie Area
School District

Futures depend on us...every child, every day.

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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

^ Beginning in 2018-19, Algebra I will be the standard curriculum in 8th grade and will not be awarded 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.



9th Grade English	English 9
10th Grade English	English 10, Bundled US History & English 10, AP Seminar
11th Grade English	English 11, Global Food and Sustainability 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 1860-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, Physiology and Human Anatomy 1 and 2, 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	Algebra 1 (if student does not successfully complete this in 8th grade), Algebra 2, Algebra Concepts for Transcribed Credit (ACTC), or Functions and Trigonometry (Algebra 3)
Geometric Concepts	Geometry
Math Elective	Any of the mathematics course options other than Algebra I and Geometry
Foundations of Physical Education	Foundations of Physical Education
Physical Education Electives	Any of the Physical Education course options <i>besides Total Wellness & Sports Officiating</i>
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	Algebra Geometry Algebra 2
World Language	2 years of a single World Language are required for admission to UW-Madison and strongly recommended at other UW System campuses.
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**

These include colleges such as Marquette, Northwestern, and many programs at UW-Madison.

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	Algebra Geometry Algebra 2 Advanced Math
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 uwhelp.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:
www.wistechcolleges.org
- ACT may be used for placement or admissions.
- Some programs require specific courses and grades.
- Applications should be submitted in early October of the senior year to optimize chances of admission into preferred programs.
- Some programs fill on the first day of application.



Attention Student Athletes*Courses that have been approved by the NCAA Clearinghouse*

ENGLISH LANGUAGE ARTS	SOCIAL STUDIES	WORLD LANGUAGES
English 9	African Heritage	Spanish I
Comprehensive English 10 or 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	Legal Studies	French III
Introduction to Women's Studies	Native and Latin American Heritage	French IV
Journalistic Writing	Psychology	AP French
Public Speaking	Social Studies Seminar	German I
Real World Reading	United States History 1860-Present	German II
Senior Composition	U.S. History 1860-Present Bundled	German III
The Graphic Novel as Literature	World History or Honors World History	German IV
AP English Language & Composition	AP European History	AP German
AP English Literature & Composition	AP Human Geography	Chinese I
AP Seminar **	AP Macroeconomics	Chinese II
MATHEMATICS	AP Microeconomics	Chinese III
Algebra 1	AP Psychology	Chinese IV
Algebra 2	AP U.S. Government and Politics	Chinese V
Algebra 2 Compacted	AP United States History	
College Math Studies	AP World History: Modern	
Functions of Trigonometry (Algebra 3)	SCIENCE	SCIENCE
Geometry	Biology	Physics
Geometry Compacted	Cosmology	Physics Bundled
Pre-Calculus	Chemistry	Weather and Climate
Pre-Calculus Bundled or Compacted	Fundamentals of Forensic Science	AP Biology
Statistics	Genetics and Biotechnology	AP Environmental
AP Calculus AB	Human Anatomy/Physiology 1	AP Chemistry
AP Calculus AB Compacted	Human Anatomy/Physiology 2	AP Physics C: Mechanic
AP Calculus BC	Introduction to Ecology	AP Physics I
AP Calculus BC Compacted	(Continued in next column)	AP Physics 2
AP Computer Science Applications *	* Beginning with the 2022-23 school year, these courses will no longer be accepted by the NCAA ** This Course is pending NCAA Approval	
AP Computer Science Principles *		
AP Statistics		

Scheduling Considerations

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.

Schedule adjustments will be made **ONLY** for the following reasons:

- 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/ELL plan accommodation

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

Please note: a Schedule Change Request form can be found online and will need to be completed. If a change meets the requirements, it can only be changed within the first 10 school days of the semester. All students desiring to drop an Advanced Placement (AP) course, must contact Ms. Bosonetta first at mlboson@sunprairieschools.org.

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 a written request, signed by the student's parent(s)/guardian, to their high school principal at least one semester prior to the requested graduation date. 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

Transfer students must earn a minimum of 3.5 credits while enrolled in the final semester in the District in order to receive a Sun Prairie East High School or Sun Prairie West 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 for year-long courses.

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 runs one -quarter credit class: SP 30. A student earning a passing grade in a quarter credit class will earn one-quarter credit.

Fees

Most fees can be waived for families who qualify for free and reduced lunch. Fee waivers may be found in the Online Registration. Verbal waiver may also be completed by calling the Nutrition Department at 608-834-6500.

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.



Student Services Team

Student Services at Sun Prairie Schools

Student Services is comprised of School Counselors, School Social Workers, and School Psychologists. 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, please stop by the Student Services office and schedule a time before or after school or during study hall. Lunch hour appointments are also available if necessary. 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

Personal/Social 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:

- Coordinating with and access to community resources
- Alcohol, Tobacco and Other Drug Services
- Student Support Team (SST) Coordination
- One-on-one brief counseling
- Facilitating IEP Meetings
- Social Academic Instructional Groups (SAIG)



Student Services Team

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

East High School Student Services Staff			
School Counselors			
Annette Intveld (Last names A - G)	Phone TBD	amintve@sunprairieschools.org	
Don Karsh (Last names H - O)	Phone TBD	djkarsh@sunprairieschools.org	
Carrie Garlough (Last names P - Z)	Phone TBD	clgarlo@sunprairieschools.org	
School Psychologists			
Amy Kohl	Phone TBD	ajkohl@sunprairieschools.org	
TBD	Phone TBD		
School Social Workers			
TJ Hansen	Phone TBD	tjhanse@sunprairieschools.org	
Katie Manders	Phone TBD	kmande@sunprairieschools.org	

West High School Student Services Staff			
School Counselors			
Chelsea Saldana (Last names A - G)	Phone TBD	cmsalda@sunprairieschools.org	
Keith Medema (Last names H - O)	Phone TBD	kamedem@sunprairieschools.org	
Monica Wagner (Last names P - Z)	Phone TBD	mmwagne@sunprairieschools.org	
School Psychologists			
Amy Giza	Phone TBD	algiza@sunprairieschools.org	
TBD	Phone TBD		
School Social Workers			
Caitlin Fahey	Phone TBD	cmfahey@sunprairieschools.org	
Katie Manders	Phone TBD	kmande@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 2022-2023 school year are as follows:

Class	Course Number
Geometry & Algebra 2	3381COMP, 3382COMP
Algebra 2 & Pre-Calculus	3470COMP, 3471COMP
Pre-Calculus & Advanced Placement (AP) Calculus AB	3472COMP, 3473COMP
Advanced Placement (AP) Calculus AB & Advanced Placement (AP) Calculus BC	3474COMP, 3475COMP
Algebra Concepts for Transcribed Credit (ACTC) & Algebra 2	3476COMP, 3478COMP
Chemistry & Physics	4450COMP, 4451COMP
Automotive Technology 1 and 2	8850COMP (1 Semester)
Automotive Technology 3 and 4	8851COMP (1 Semester)

Bundled Courses

A “**bundled**” course pairs 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 2022-2023 school year are:

Class	Course Number
Pre-Calculus & Physics	3588BUND, 3589BUND, 4444BUND, 4544BUND
U.S. History 1860-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 2022-2023 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 Eared	Career Cluster
9111 GFS 9112 GFS	Global Food and Sustainability Academy	11-12	None	Year / 2.0	Agriculture, Food and Natural Resources
9113 BSA (Juniors) 9114 BSA (Juniors) 9115 BSA (Seniors) 9116 BSA (Seniors)	Global Business 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



Courses

1.0 credit - AP Environmental Science (ecology or life science credit)
 1.0 credit - Global Food and Sustainability (elective credit) (Course Fee: \$25.00)
 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

Global Food and Sustainability 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.

This is a team-taught, project/problem-based course that asks students to propose and evaluate solutions to local, regional, and global problems associated with the production and consumption of food. Students will learn interdisciplinary approaches to understanding and analyzing solutions to the various problems that arise from the global production of food and will use these skills across the two content areas. They will develop skills and attitudes that promote critical thinking, creativity, and innovation and see how their own personal choices affect the world around them by engaging in relevant curriculum and forming connections with their local community.

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 Global Food and Sustainability. This course prepares students for the National Advanced Placement Exams in May, and with satisfactory results, students may earn college credits.

Click here: [▶](#) to watch a video introducing this course.



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

In the **Global Business Academy**, students work as consultants for businesses on partner-driven projects, researching and solving business problems on an internship level. Through authentic experiential learning, students learn fundamental concepts of business and the effective skills and standards for jobs within the career fields.

Students in the GBA have worked on multi-billion dollar projects, instituted corporate website changes, worked on a national campaign including influencer marketing, helped local small businesses with problems and growth; All while developing the leadership and networking skills to grow their resume and professional networks.

Throughout the Global Business Academy projects, students will 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.

Click here: [▶](#) to watch a video introducing this course.



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

In **Sports, Entertainment and Tourism: Marketing Academy** students will have hands-on experiences working with local businesses and programs at the high school, college, and professional levels. Students learn about the latest marketing trends, techniques and technologies used by professionals today and develop the innovative thinking and communication skills needed for these career fields.

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.

Click here: [▶](#) to watch a video introducing this course.



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/EMT).

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 Sun Prairie 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 Ms. Nancy Everson at nmevers@sunprairieschools.org to get additional information.



Advanced Standing (AS) Courses

<https://madisoncollege.edu/high-school-partnerships>

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:

AS Child Development/Assistant Childcare Teacher
Compacted Automotive Technology 3 and 4 Compacted

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
Horticulture and Landscape Design
Advanced Placement (AP) Spanish**
Algebra Concepts for Transcribed Credit (ACTC)
Certified Nursing Assistant*
Civil Engineering and Architecture (CEA) – Project Lead The Way
Computer Applications: Data
Computer Applications: Processing
Cyber-Security (PLTW) - Project Lead The Way
Digital Electronics (DE) – Project Lead The Way
Entrepreneurship and Management
Biological Engineering and Environmental Sustainability (ES) – Project Lead The Way
Exploring Hospitality and Tourism
Fashion Analysis
Introduction to Engineering Design (IED) – Project Lead The Way
IT Essentials
Manufacturing Metal Fabrication I & II
Marketing Education I
Marketing Management: Hospitality and Tourism
Medical Occupations I
Medical Terminology
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.

**This course offers a Dual Credit option through UW - Green Bay. See the course description for more information.



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 2022-2023 school year is \$96.00, but the average cost of 3 credits at a University is \$1500.00.

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 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 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 2022. The current 2021-2022 cost for an AP exam is \$96.00, per test. 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.

Contact Ms. Bosonetta with questions, at mlboson@sunprairieschools.org.



Career and Technical Education Options

Each year the Sun Prairie 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 employment and training 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
Health Science
Marketing
Family and Consumer Science
Technology and Engineering Education

Skills for the Future

What is Wisconsin's "Skills for the Future?"

Wisconsin's School-to-Career educational initiative opens the door to all students to develop their potential in life. By combining rigorous school-based and work-based learning with greater career exploration and guidance, our educational system will develop students with stronger skills--whether students plan to go directly into the workforce, enter a technical college, or enroll in a university. Enhanced academic and technical skills are what Wisconsin's business and educational leaders have deemed critical Skills for the Future.

Youth Apprenticeship

Wisconsin Youth Apprenticeship is a unique opportunity for juniors and seniors to start preparing for a career while still in high school. This program provides the opportunity for work-based learning, occupational instruction, and academic education. As a youth apprentice, students will earn an hourly wage while learning from skilled professionals. Upon successful completion of the program, students will be awarded a Certificate of Occupational Proficiency from the Department of Workforce Development. Students are required to provide their own transportation to class and the worksite during the day/evening.

Sun Prairie High Schools offer apprenticeships in a variety of different areas including: Accounting, Automotive Technology, Biotechnology, Construction, Diesel Technology, Engineering, Finance, Health Occupations, Information Technology, Insurance, Introduction to Veterinary Technology, Marketing, Pharmacy Technician, Manufacturing, Welding and Tourism/Hospitality.

TIMELINES FOR PROSPECTIVE YOUTH APPRENTICES:

- Be in good standing with your local school district
 - Be on target for graduation
 - Have a good attendance record
- Attend one of the Youth Apprentice Information Meetings tentatively scheduled for January 24, February 16, and March 1. (Information will be provided to all current sophomores and juniors with specifics.)
- Complete the application and return to Student Services no later than **March 1**.
(Note: Just completing the application form does NOT mean that you are automatically accepted into the program.) Applications for Youth Apprenticeship Program (YAP) are available on the Dane County Consortium website: **dcsc.org**
- As part of the application process, students are required to submit three recommendations (two from faculty and one from the community). Recommendation forms are included with the application.
- Sign up for a regular load of classes for next year. If you are accepted into the program and employment is secured, your school counselor will be notified. At that time, you will change your schedule to accommodate your work schedule.
- While staff may become aware of available positions, finding a job is ultimately the responsibility of the student/parent/caregiver.

School-To-Career Opportunities

Work-Based Learning Training Agreement Requirements

Students at Sun Prairie High Schools enrolled in School-to-Career programs are required to:

1. Submit a log of hours worked, signed by the supervisor/mentor, to the teacher-coordinator each week. A minimum of 90 hours are required to earn a half credit. A maximum of two (2) credits may be earned for work experience during the student's high school career.
2. Cooperate with the training sponsor, observe business etiquette, and obey all safety rules. The student may not perform any task or run any equipment without prior safety instruction and employer's permission.
3. Not be on school grounds during work release hours unless prearranged with one of the student's teachers.
4. Notify the school office, teacher-coordinator, and training sponsor in advance when an absence is unavoidable.
5. Not report to the training station on days when not attending school, unless prearranged with the teacher-coordinator. Good attendance and good grades are very important. One unexcused absence from any class will result in a warning. A second unexcused absence will result in probation. A third unexcused absence may result in removal from the program. A student who may be ineligible for work credit for that semester, however, may re-apply for consideration for the work program the following semester.
6. Not terminate employment at the training site without prior approval of the teacher-coordinator.
7. Respect and treat in a professional manner all confidential information concerning the training station.
8. Discuss all work-related problems with the teacher-coordinator in order to resolve them.
9. Maintain a 2.00 GPA each quarter and have received no F's from the previous quarter grading period. A student may be placed on probation at any time during a quarterly grading period if it is determined they are failing any course. When placed on probation students have ten (10) school days to raise a failing grade(s) to a passing level. If still failing after ten (10) days students may be considered academically ineligible for a work program.
10. Work at a training site that is approved by the teacher-coordinator and school-to-career manager or building principal. The student may not work for, or be supervised by their parent, guardian, or any other family member. Working in the same company as a parent, guardian, or other family member is not encouraged and, in most cases, will not be allowed.
11. Follow all child labor laws as well as all school rules and regulations. Violation of these rules and regulations will jeopardize participation in the work-based learning program.
12. Complete an application and meet with the cooperating teacher in their particular area.

Career and Technical Education Options

Each year the Sun Prairie Area School District offers career and technical education programs at Sun Prairie High Schools. For general information about these programs, contact:

Ms. Nancy Everson, School-to-Career Manager/Youth Apprenticeship Coordinator

District Support Center
501 S. Bird St.
Sun Prairie, WI 53590
(608) 834-6500

Inquiries concerning equal opportunities for students with disabilities should be directed to:

Ms. Katie Nobui, Student Services Coordinator
Sun Prairie East High School
888 Grove Street
Sun Prairie, WI 53590
Phone TBD

Ms. Kellie Miesbauer, Student Services Coordinator
Sun Prairie West High School
2850 Ironwood Drive
Sun Prairie, WI 53590
Phone TBD



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>





CATALOGUE OF HIGH SCHOOL COURSES



Sun Prairie Area
School District



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.

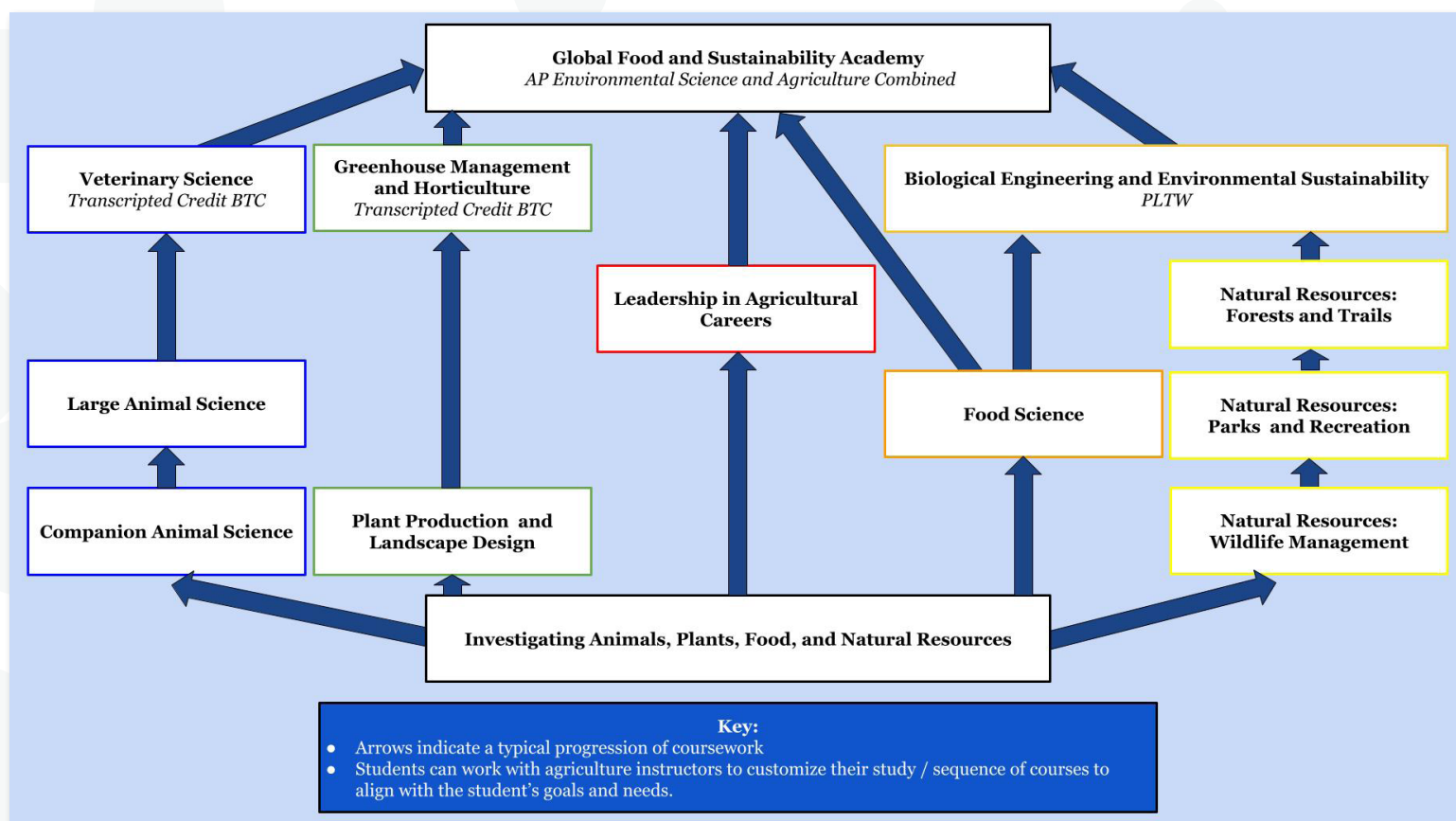
FFA Mission Statement

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
of America

Veterinarians
Food Scientists
Engineers
CEOs
Farmers
Accountants
Teachers
Innovators



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	<i>Recommended:</i> Companion Animal Science	Semester / .5
8023 AGR 8024 AGR	Veterinary Science (TC)	11-12	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	<i>Recommended:</i> 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
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	Global Food and Sustainability Academy • AP Environmental Science • Global Food and Sustainability (Elective credit)	11-12		Year / 2 .0



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 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

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 with Blackhawk Technical College: 3 Animal Science credits

Note: UW-Madison Animal Science Placement Test*

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 with Blackhawk Technical College. 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.



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 with Blackhawk Technical College may be offered: 3 Plant Science credits.

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 soilless 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 with Blackhawk Technical College. 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.



NATURAL RESOURCES: WILDLIFE MANAGEMENT ►

Course 8009AGR
Elective Course
.5 credits
Semester Course

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

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

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.



BIOLOGICAL ENGINEERING AND ENVIRONMENTAL SUSTAINABILITY (ES) – PROJECT LEAD THE WAY ►

Course 8020AGR, 8021AGR

Elective

1.0 credit

Course Fee \$10.00

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 biofuels, 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.

GLOBAL FOOD AND SUSTAINABILITY ACADEMY ►

Courses:

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

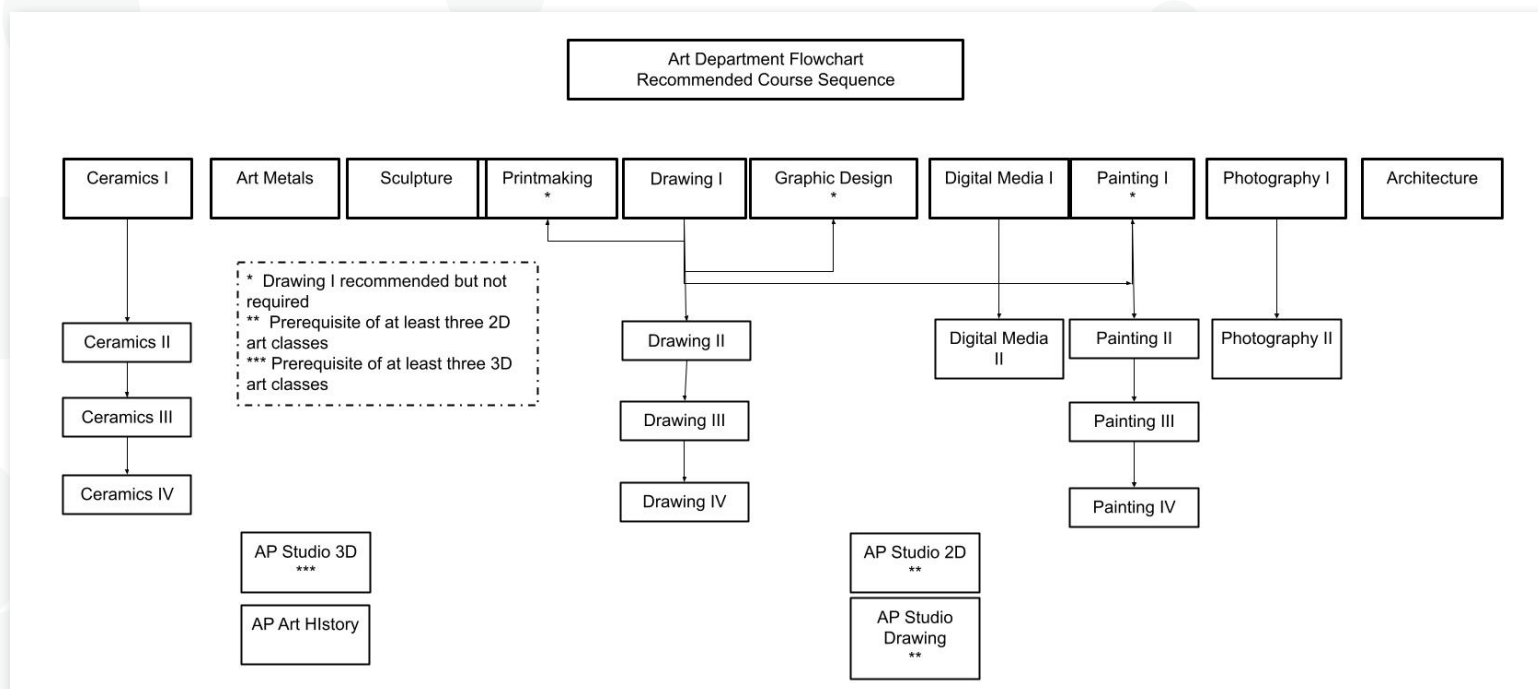
See page 15 for more information



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.



Course Catalogue

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
7320 ART	Art Metals	9-12	None	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
7312 ART 7313 ART	AP Studio Art - 2-D 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 - Photography	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

Course Fee: \$30.00

Fees are for student take home project materials and other consumable materials such as matboard, model making supplies, colored pencils, markers, acetate, and pastels.

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 ►

Course 7320ART

Elective Course

.5 credits

Course Fee: \$25.00

Fees are for student take home project materials and other consumable materials such as flat metal, solder, buffing rouge, wire, and wood.

In Art Metals, 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.

PRINTMAKING ►

Course 7355ART

Elective Course

.5 credit

Course Fee: \$30

Fees are for student take home project materials and consumable materials such as paper, ink, printing solutions, screens, and linoleum blocks.

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

Course Fee: \$25.00

Fees are for student take home project materials and other consumable materials such as wire, plaster, wood, metal, fabric, and other miscellaneous sculpture materials.

Sculpture class is designed for the student that loves to create with his/her 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

Course Fee: \$25.00

Fees are for student take home project materials and other consumable materials such as clay, glazes and tools.

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

Course Fee: \$25.00

Fees are for student take home project materials and other consumable materials such as clay, glazes, tools, and gas used in firing.

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

Course Fee: \$25.00

Fees are for student take home project materials and other consumable materials such as clay, glazes, tools, and gas used in firing.

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

Course Fee: \$25.00

Fees are for student take home project materials and other consumable materials such as clay, glazes, tools, and gas used in firing.

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

Course Fee: \$20.00

Fees are for student take home project materials and other consumable materials such as matboard, colored pencils, markers, inks, a variety of papers, erasers, shading pencils, and pastels.

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

Course Fee: \$25.00

Fees are for student take home project materials and other consumable materials such as matboard, colored pencils, markers, inks, a variety of papers, erasers, shading pencils, printing supplies, and pastels.

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

Prerequisite: Drawing II

Course Fee: \$25.00

Fees are for student take home project materials and other consumable materials such as matboard, colored pencils, markers, inks, a variety of papers, erasers, shading pencils, printing supplies, and pastels.

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

Course Fee: \$25.00

Fees are for student take home project materials and other consumable materials such as matboard, colored pencils, markers, inks, a variety of papers, erasers, shading pencils, printing supplies, and pastels.

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

Course Fee: \$25.00

Fees are for student take home project materials and other consumable materials such as acrylic and watercolor paints, papers, gesso, medium, and other miscellaneous supplies related to the painting task.

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

Course Fee: \$30.00

Fees are for student take home project materials and other consumable materials such as acrylic and watercolor paints, papers, gesso, medium, as well as the canvas and stretching bars.

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

Course Fee: \$30.00

Fees are for student take home project materials and other consumable materials such as acrylic and watercolor paints, papers, gesso, medium, as well as the canvas and stretching bars.

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

Course Fee: \$30.00

Fees are for student take home project materials and other consumable materials such as acrylic and watercolor paints, papers, gesso, medium, as well as the canvas and stretching bars.

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.

Course Fee: \$30.00

Fees are for student take home project materials.

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

Course Fee: \$30.00

Fees are for student take home project materials and consumable materials such as paper, flash drives, drawing pens, mounting boards for artwork, and printed artwork.

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

Course Fee: \$20.00

Fees are for student take home project materials and consumable materials such as paper, flash drives, drawing pens, mounting boards for artwork, and printed artwork

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

Course Fee: \$40.00

Fees are for student take home project materials and other consumable materials such as lab supplies, developing chemicals, paper, film and mounting board.

In Photography I students are taught how to correctly and effectively use a digital single lens reflex 35mm camera. Picture taking will be in the classroom and on school grounds. Students are taught how to produce prints from their digital images. Students will also be introduced to Photoshop and will learn to digitally manipulate photos. Students will use the computer and digital images to complete a photo essay and a photo book.

PHOTOGRAPHY II ▶

Course 7351ART

Elective Course

.5 credits

Prerequisite: Photography I

Course Fee: \$40.00

Fees are for student take home project materials and other consumable materials such as lab supplies, developing chemicals, paper, film, and mounting board.

Students must successfully pass a course in Photography I in order to register for this class. Students will begin Photography II with building a functioning Pinhole Camera, based on the Camera Obscura! Over the course of the semester, building on the basic knowledge and experiences from Photography I, students will be exposed to higher-level techniques and processes in black and white film photography. Students may work strictly in film, or they may choose to work with digital imagery. Students will work in a much more independent manner than in Photography I choosing from a vast array of available projects that are more challenging and more in-depth. Adobe Photoshop is available and will be used to enhance and manipulate imagery, both digital and scanned print imagery. Manual 35mm SLR film cameras and Digital DSLR cameras will be provided.



**ADVANCED PLACEMENT (AP)
STUDIO ART - 2-D 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.

Course Fee: \$40.00

Fees are for student take home project materials and other consumable materials such as paper, paints, all types of drawing media, workable sprays, solvents and high quality matboards for framing and mounting their portfolio.

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 exam fee of \$93.00 (subject to change), as well as the class fee of \$40.00. 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

Course Fee: \$40.00

Fees are for student take home project materials and other consumable materials such as clay, glaze, metals, paints, and other materials requested by students to complete their portfolio.

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 - PHOTOGRAPHY ►**

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

Course Fee: \$40.00

Fees are for student take home project materials and other consumable materials such as paper, paints, all types of drawing media, workable sprays, solvents and high quality matboards for framing and mounting their 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 exam fee of \$93.00 (subject to change), as well as the class fee of \$40.00. 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.



Business & Information Technology I Marketing Education

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

BUSINESS AND MARKETING FLOW CHART

Finance Courses	Accounting 1 → Accounting 2	Money 101
	Courses must be taken in sequential order	No prerequisites

Marketing Courses	Marketing Principles	Marketing, Merchandising & Retailing	Entrepreneurship and Management	Sports, Entertainment and Tourism Marketing Academy
	No prerequisites	No prerequisites	No prerequisites	Prerequisites: Marketing Principles Capstone Experience

Business Courses	Introduction to Business and Marketing	Business Communications	Business and Consumer Law	Career Workshop	Global Business 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
6350 BUS	Money 101	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
6319 BUS	Computer Applications: Data	9-12	None	Semester / .5
6326BUS	Computer Game Development	9-12	None	Semester / .5
6328 BUS	IT Essentials	10-12	None	Semester / .5
6332 BUS	Business and Information Technology	10-12	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
6480 BUS	Marketing Merchandising and Retailing	9-12	None	Semester / .5
See Page 16 for more information	Business Academy • Business Fundamentals • English 11 or 12	11-12		Year / 2.0
See Page 17 for more information	Sports, Entertainment & Tourism Marketing Academy • Marketing Management: Hospitality & Tourism • Sports & Entertainment Marketing • English 11 or 12	11-12	Marketing Principles	Year / 2.0



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.”

MONEY 101 ►

Course 6350BUS

Elective Course

.5 credits

Money 101 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

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 transcribed credit and/or Microsoft Office certifications. Dual credit is for sophomores, juniors, and seniors. Dual Credit is not guaranteed each year.

COMPUTER APPLICATIONS: DATA ▶

Course 6319BUS

Elective Course

.5 credits

Note: Dual-Credit may be offered

Computer Applications: Data is designed to prepare students to meet tomorrow's career and college expectations. Students will learn the necessary skills to excel in high school, post-secondary education, and as a profession.. Students will learn many of the features and functions of Microsoft Office, primarily Excel and Access. This is a must course for all students who want to be successful in today's technology driven business world. Students will have the opportunity to test out and become a certified Microsoft Office Specialists.

The curriculum includes creating, organizing, and manipulating data within spreadsheets and databases. Students will be able to manage data and create charts, reports, and forms to present in an organized and professional manner.

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 transcribed credit and/or Excel and Access certification. 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!



IT ESSENTIALS ▶

Course 6328BUS

Elective Course

.5 credits

Note: Dual Credit may be offered for up to 3 college credits

Interested in computers? Maybe you want a career in computer hardware? IT Essentials builds knowledge of basic computer hardware and operating systems, covering skills such as installation, building, upgrading, repairing, configuring and troubleshooting. Students will be able to diagnose PC hardware problems, along with learning preventative maintenance and safety procedures. This course validates the basic skills needed for any entry-level service technician regardless of job environment. Students will have the hands-on opportunity to demonstrate their skills by working with computers. Students taking this course will have the opportunity to be CISCO, A+ certified.

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 AND INFORMATION TECHNOLOGY ▶

Course 6332BUS

Elective Course

.5 credits

This course is designed to link the business and information technology fields. Students will investigate the future of technology in the business world and how it is being used to change the business environment. More and more, businesses are relying on technology to get their message to their customers and streamline their efficiency. Utilizing 21st century technologies, business leaders are learning how to change with an ever more complex marketplace in marketing, management, communications, production, and distribution. Students with a grasp of both the technical and business components of this change will have the ability to meet the demands for employment in this complex environment.

This course focuses on the latest topics in the field of business and information technology. Emphasis is placed on understanding the Internet of Things and UX design. The class will create websites and applications that focus on the user experience and how to use the information collected on those sites to increase the users experience and the efficiency of the business.

ACCOUNTING I ▶

Course 6421BUS, 6422BUS

Elective Course

1.0 credit

Note: Dual Credit may be offered for up to 4 college credits

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.



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.

MARKETING MERCHANDISING AND RETAILING ▶

Course 6480BUS

Elective Course

.5 credits

This course will change our school store into a learning laboratory! Students will work in and operate the school-based enterprise; the Red Zone. They will learn skills in developing and starting a retail business and learn retail business functions that are involved in running a successful operation.

Students will serve as the school store management team, making important decisions that change the operations of the enterprise. Students will also learn the skills and attitudes required in any job. They will study store design and visual merchandising, promotion and advertising, merchandise planning, retail market strategy, inventory and risk management. Careers in Management and Entrepreneurship will be focused on throughout the course.

Students will go through all the steps real retail businesses take, including; store design and visual merchandising, promotion and advertising, merchandise planning, retail market strategy, inventory and risk management.

GLOBAL BUSINESS ACADEMY ▶

Courses:

- BUSINESS FUNDAMENTALS
- ENGLISH 11 OR 12

See page 16 for more information

SPORTS, ENTERTAINMENT, & TOURISM MARKETING ACADEMY ▶

Courses:

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

See page 17 for more information



Computer Science Department Statement

In our rapidly changing and evolving world, computers are becoming the essential tool in every profession. The reality is that our world is constructed around computers. Whatever your profession – programmer, systems analyst, historian, in a trade, artist – having skills in computing is now essential for a meaningful and effective career. The CS and IT department aims to equip all students to be safe and productive digital citizens, as well as open a very large door of opportunity to the top 10 in-demand careers over the next couple of decades.

A graduation requirement in many states, introductory classes in computer science, information technology, and cybersecurity allow students to sample the systems that drive everyday life and gain power through technical literacy. Advanced classes prepare students for college and career courses and may lead to college credit or technical certifications.

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 eligible for dual credit through PLTW.



Course Catalogue

Computer 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
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	None	Semester / .5
6326 BUS	Computer Game Development **	9-12	None	Semester / .5
6328 BUS	IT Essentials **	9-12	None	Semester / .5
6332 BUS	Business and Information Technology **	9-12	None	Semester / .5

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



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
Semester Course

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 II (CSE 2) (PLTW) ►

Course 3813CIS
Elective Course
.5 credit
Semester Course

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

This course helps students develop programming expertise and explore the workings of the Internet. Students will learn to code in Python and will be introduced to various other platforms as they explore software development. Projects include app development, visualization of data, cybersecurity, and simulation. This course also builds awareness of career opportunities for professionals with computational skills. Prior coding experience is not necessary.

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 or with instructor approval

Advanced Placement (AP) Computer Science Applications (CSA) aligns with the College Board's CSA framework. CSA builds on the basic skills learned in Computer Science Principles (CSP) and/or Computer Science Essentials 1 and 2 to teach students Java and authentic Android™ app development. Students in this course continue to hone their communication and collaboration skills while learning to use a variety of tools.



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*

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!

IT ESSENTIALS ►

Course 6328BUS
Elective Course
.5 credits

Note: Dual Credit may be offered for up to 3 college credits

Interested in computers? Maybe you want a career in computer hardware? IT Essentials builds knowledge of basic computer hardware and operating systems, covering skills such as installation, building, upgrading, repairing, configuring and troubleshooting. Students will be able to diagnose PC hardware problems, along with learning preventative maintenance and safety procedures. This course validates the basic skills needed for any entry-level service technician regardless of job environment. Students will have the hands-on opportunity to demonstrate their skills by working with computers. Students taking this course will have the opportunity to be CISCO, A+ certified.

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 AND INFORMATION TECHNOLOGY ►

Course 6332BUS
Elective Course
.5 credits

This course is designed to link the business and information technology fields. Students will investigate the future of technology in the business world and how it is being used to change the business environment. More and more, businesses are relying on technology to get their message to their customers and streamline their efficiency. Utilizing 21st century technologies, business leaders are learning how to change with an ever more complex marketplace in marketing, management, communications, production, and distribution. Students with a grasp of both the technical and business components of this change will have the ability to meet the demands for employment in this complex environment.

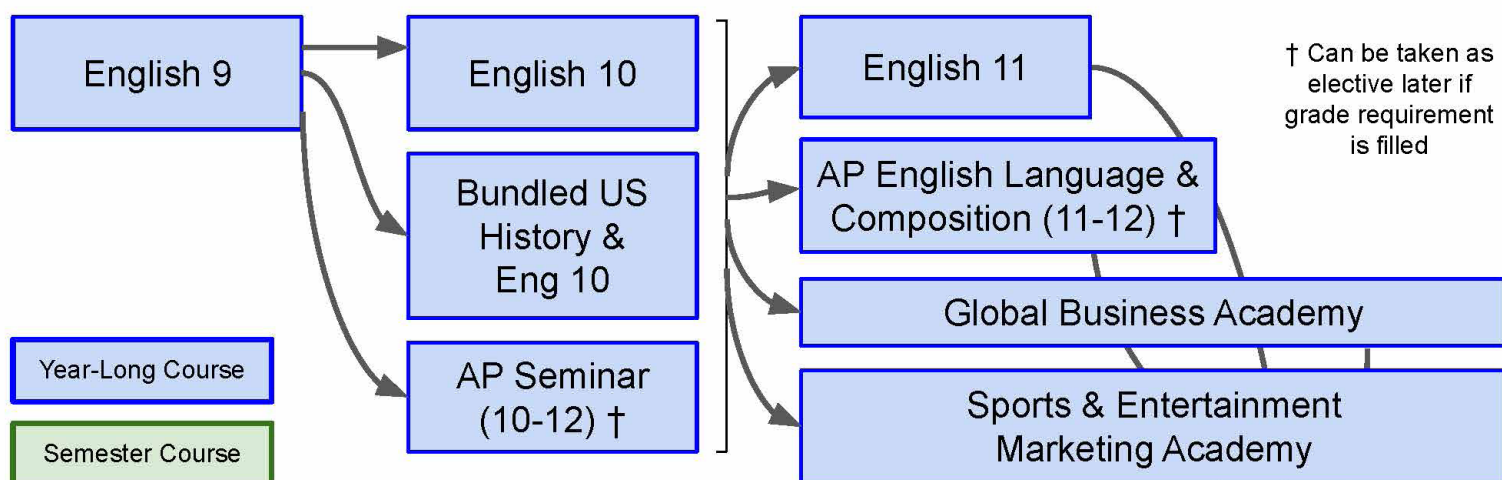
This course focuses on the latest topics in the field of business and information technology. Emphasis is placed on understanding the Internet of Things and UX design. The class will create websites and applications that focus on the user experience and how to use the information collected on those sites to increase the users experience and the efficiency of the business.



English Department Mission Statement

The vision of the Sun Prairie High Schools English Departments is to create a classroom atmosphere of mutual respect where students exhibit compassion and empathy for others, developed through a community of learners who feel valued, understood, and successful in their pursuit of life-long learning. We strive to introduce our students to great works of literature, challenge them to think beyond the ordinary, and encourage them to express themselves competently both in speaking and writing. We are dedicated to ensuring that our students will leave Sun Prairie High Schools with the critical thinking skills and independence that will allow them to participate as knowledgeable, reflective, creative, and critical members of the global community. All students need 4 credits of English to graduate.

English Department Flowchart: Recommended Course Sequence



Real World Reading (9-12)	The Graphic Novel as Literature (9-12)	Introduction to Women's Studies (10-12)	AP English Literature & Composition (11-12)
Journalistic Writing (9-12)	Public Speaking (9-12)	Contemporary Literature (9-12)	
Creative Writing I (9-12)	Creative Writing II (9-12)	Digital Storytelling* (9-12)	Senior Composition (11-12)
Dramatic Arts* (9-12)	Advanced Drama* (9-12)	Technical Theatre* (9-12)	Interdisciplinary Poetics (10-12)

* Not approved by NCAA Clearinghouse

Students can take any combination of these electives to satisfy the final 1.0 graduation credit requirement.



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 1860-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
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	Interdisciplinary Poetics	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
1355 ENG	Journalistic Writing	9-12	None	Semester / .5
1394 ENG	Public Speaking	9-12	None	Semester / .5
1353 ENG	The Graphic Novel as Literature	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		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

Year Course

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. Major works included are *Romeo & Juliet* and *Of Mice and Men*. 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 1860-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 1860-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 1860-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 is a course which allows 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 him or her contextualize his or her personal relationship to other cultures.



SENIOR COMPOSITION ►

Course 1356ENG

Elective Course

.5 credits

Prerequisite: English 10 or AP Seminar

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

Required Summer Assignment(s)

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 a critical reader and a competent writer. Students will analyze and interpret a variety of perspectives in literature from the seventeenth century to contemporary times and the effects of the author's choices of rhetorical strategies and techniques. As the reader becomes the writer, students will make their own choices of rhetorical techniques as he or she emulates or composes different rhetorical models. For most writing assignments, students will move through the stages of the writing process (invent, investigate, research, draft, revise, edit, and review) to examine and reflect upon the effectiveness of their own selection of detail, style, strategies, and techniques. The student will evaluate his or her competency in handling the standards of the English language (grammar and mechanics), and when appropriate, the use of correct source citations in order to enhance his or her style as an insightful and coherent writer. The course will utilize both fiction and nonfiction with argument writing, rhetorical analysis writing, and synthesis writing that students will encounter on the AP English Language and Composition Exam in May. A completed diagnostic AP Test is required for *summer work*.

**ADVANCED PLACEMENT (AP)
ENGLISH LITERATURE & COMPOSITION ►**

Course 1365ENG, 1368ENG

Elective Course

1.0 credit

Required Summer Assignment(s)

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 collegial 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.

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 who engage in reading of text on a regular basis yield many benefits from a richer vocabulary and better writing skills to less stress and more empathy for others. This course is designed for students who like to read or wish to experience the many benefits reading has to offer. Contemporary Literature will help students become more aware of the conflicts humans face, both within themselves and with others, through discussion of various novels, short stories, plays, and nonfiction materials. Through a wide variety of genres including mystery, science fiction, and non-fiction, students will explore and discuss current issues in American society and around the globe. Students are expected to reflect on what they read through discussion, writing, and critically listening to others' opinions. The course is designed to give students options in what they read and how they demonstrate what they've learned.

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.



INTERDISCIPLINARY POETICS ►

Course 1390ENG

Elective Course

.5 credits

Interdisciplinary Poetics is a bit like “Hip-Hop 101,” guiding students through the history, forms, techniques, and evolution of hip-hop music. Students will study the music’s roots, the style of its poetry (especially with relation to other poetic forms throughout history), and its many impacts on the larger culture. Students will have a chance to connect hip-hop with their other classes, composing lyrics about – and interpreting materials from – a wide range of subject areas. Students will examine closely the work of hip-hop’s artisans and analyze the sociological effects of the music and culture. A polished portfolio will be a core component of the course. Parental permission to take the course is required. Permission slips are distributed during the first week of class.

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 narrative writing, research papers, literary analyses, interviews, ethnographic research, poetry, and persuasive writing.

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!

JOURNALISTIC WRITING ►

Course 1355ENG

Elective Course

.5 credits

Journalistic Writing is a semester course designed for students interested in exploring the field of journalism and in developing their skills as a writer. The course explores the contemporary media and the ethical responsibility issues inherent in the press. Students will discuss journalistic ethics and think critically about bias in reporting, reflecting on the direction of the field today. Students will study various article formats and work towards developing their voice using various writing styles. Students will learn the fundamentals of news, feature, editorial, review, and event/news writing. Much of the course will focus on students developing and improving their writing through this variety of styles and formats. Voice, tone, syntax, vocabulary, structure, and editing techniques will all be addressed in a writing workshop atmosphere. Copy reading, news style and editing will be stressed. Students will create numerous original stories using varied structures and writing techniques, culminating in a portfolio project publication. Students will also learn to create computer generated layouts and graphics.

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.



THE GRAPHIC NOVEL AS LITERATURE ►

Course 1353ENG

Elective Course

.5 credits

This introduction to graphic novels develops students' abilities to read, discuss, and write about graphic novels. It does this by refining a student's ability to closely read and analyze the visual layout of a graphic novel, techniques described in Scott McCloud's *Understanding Comics*, along with other techniques outlined by Will Eisner and Jessica Abel. About one day a week, students will look at the history of comics in the U.S. and across the world, which will also help analyze the style of graphic novels. More importantly, students will analyze why the author chose to use these techniques, and how that technique develops a certain theme, character trait, or moment of suspense. Students will practice these skills as a whole class at first by reading *Maus* by Art Spiegelman, *Persepolis* by Marjane Satrapi, and two versions of *Metamorphosis*: the original text and graphic novel adaptation by Peter Kuper. After these whole class graphic novels, students will choose to read a graphic novel from a selection of about 10 graphic novels. Throughout the semester students will learn about and practice each part in the process of creating a graphic novel: in the last unit, students will create one part of a comic themselves.

DRAMATIC ARTS ►

Course 1393ENG

Elective Course

.5 credits

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. Successful completion of this project satisfies service-learning requirements for graduation. 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.



Who is ESL For?

English as a Second Language is for students who are learning English as their second (or third, fourth, etc.) language. English Learners 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 ESL Department is to help bridge the learning gap, accelerate cultural and academic knowledge, and prepare students to pursue post-secondary education and/or careers.

If any student or family would like to have additional information regarding course offerings, please contact 608-834-6814 or 608-834-6817.

Si desea obtener más información en relación con las clases ofrecidas en nuestro departamento, favor contactarnos por el teléfono 608-834-6655 o 608-834-6817.

Yog muaj cov tub ntxhais los sis niam txiv uas xav paub ntxiv txog cov hoob uas peb muaj nyob rau peb seem, thov hu rau 608-834-6630.



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		Recent arrivals with an ELP of 1 or 2	Year / 1.0
5842 ESL 5843 ESL	ESL Novice Social Studies		Recent arrivals with an ELP of 1 or 2	Year / 1.0
5826 ESL 5827 ESL	ESL Study Skills		Teacher Recommendation	Year / 1.0
5862 ESL	Spanish Language for Heritage Speakers 1		Be able to speak and understand Spanish or consent of instructor	Semester / .5
5863 ESL	Spanish Language for Heritage Speakers 2		Be able to speak and understand Spanish, or consent of instructor	Semester / .5
5864 ESL	Spanish Language for Heritage Speakers 3		Be able to speak and understand Spanish, or consent of instructor	Semester / .5
5865 ESL	Spanish Language for Heritage Speakers 4		Be able to speak and understand Spanish, or consent of instructor	Semester / .5
5859 ESL 5858 ESL	Hmong Language for Heritage Speakers		Teacher Recommendation	Year / 1.0
5878 ESL 5879 ESL	Hmong Language for Heritage Speakers 2		Teacher Recommendation or Hmong Language for Heritage Speakers	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.

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.



ESL STUDY SKILLS

Course 5826ESL, 5827ESL

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.

SPANISH LANGUAGE FOR HERITAGE SPEAKERS 1

Course 5862ESL

Elective Course

.5 credits

Prerequisite: Be able to speak and understand Spanish; or consent of teacher.

SPANISH LANGUAGE FOR HERITAGE SPEAKERS 2

Course 5863ESL

Elective Course

.5 credits

Prerequisite: Be able to speak and understand Spanish; or consent of teacher.

SPANISH LANGUAGE FOR HERITAGE SPEAKERS 3

Course 5864ESL

Elective Course

.5 credits

Prerequisite: Be able to speak and understand Spanish; or consent of teacher.

SPANISH LANGUAGE FOR HERITAGE SPEAKERS 4

Course 5865ESL

Elective Course

.5 credits

Prerequisite: Be able to speak and understand Spanish; or consent of teacher.

SPANISH LANGUAGE FOR HERITAGE SPEAKERS 1, 2, 3, AND 4

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.

Nota: Los estudiantes pueden empezar el curso en el tercer y cuarto semestre y continuar el año siguiente con el primer y segundo semestre.

Note: Students can start in semester 3 and semester 4 and continue with semester 1 and semester 2 the following year.



HMONG LANGUAGE FOR HERITAGE SPEAKERS

Course 5859ESL, 5858ESL

Elective Course

1.0 credit

Prerequisite: Teacher recommendation

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 2

Course 5878ESL, 5879ESL

Elective Course

1.0 credit

Prerequisite: Teacher recommendation or Hmong Language for Heritage Speakers

Hmong Language for Heritage Speakers 2 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.



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 & CONSUMER SCIENCE EDUCATION

What classes best fit your college, career & personal goals?

Culinary Courses	Foods I → Foods II → ProStart I → ProStart II	Multicultural Foods	Principles of Baking and Pastries
	^courses must be taken sequentially	^no prerequisite required Foods I Recommended	^no prerequisite required Foods I Recommended

Hospitality Courses	Travel and Restaurant Exploration	Exploring Hospitality and Tourism
	^no prerequisite required	^no prerequisite required

Medical Courses	Medical Occupations I → Medical Occupations II	Medical Terminology	CNA Fundamentals, CNA (Certified Nursing Assistant)
	^courses must be taken sequentially	^no prerequisite required	^courses can be taken in any order (only prerequisite for CNA is Med Occ 1-- CNA Fundamentals is helpful but not required)

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	AS Child Development/Assistant Childcare Teacher
	Infant/Toddler Development must be completed before Assistant Childcare Teacher if student wishes to earn ACCT Certification	Infant/Toddler Development must be completed before Assistant Childcare Teacher if student wishes to earn ACCT Certification

Life Skills Courses	Personal and Family Living	Independent Living
	^no prerequisite required	^no prerequisite required



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
9430 FCE	AS Child Development / Assistant Child Care Teacher	11-12	11th or 12th graders or at least 17 years old	Semester / .5
9420 FCE	Family Living and Healthy Relationships	9-12	None	Semester / .5
9400 FCE	Independent Living Skills	9-12	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	ProStart I	10-12	Foods II-Introduction to Food Service	Year / 1.0
9329 FCE 9330 FCE	ProStart II	11-12	ProStart I	Year / 1.0
9217 FCE	Principles of Baking and Pastries	9-12	<i>Recommended:</i> Foods I - Family, Food & Society	Semester / .5
9326 FCE	Multicultural Aspects of Foods	9-12	<i>Recommended:</i> Foods I – Family, Food & Society	Semester / .5
9331 FCE	Travel and Restaurant Exploration	9-12	None	Semester / .5
9336 FCE	Exploring Hospitality and Tourism	11-12	<i>Recommended:</i> Travel and Restaurant Exploration	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	Certified Nursing Assistant (I) Fundamentals	9-12	None	Semester / .5
9433 FCE	Certified Nursing Assistant (I)	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



Child & Family Careers

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.

**AS CHILD DEVELOPMENT/
ASSISTANT CHILD CARE TEACHER ►**

Course 9430FCE

Elective Course

.5 credits

Prerequisites: Infant and Toddler Development AND Wisconsin ACCT guidelines require student enrollees to be 11th or 12th graders or at least 17 years of age

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.

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

FAMILY LIVING AND HEALTHY RELATIONSHIPS ►

Course 9420FCE

Elective Course

.5 credits

In this course, students examine the family unit and characteristics of healthy and unhealthy relationships at different phases of life— including information on self-discovery, family, friendships, dating, marriage, pregnancy, and parenthood. Students learn about the life cycle and the different stages of development from infancy to adulthood. They also focus on a variety of skills to improve relationships and family living, including coping skills, communication skills, refusal skills, babysitting, parenting, and healthy living and disease prevention habits.

INDEPENDENT LIVING SKILLS ►

Course 9400FCE

Elective Course

.5 credits

Course Fee: \$20.00 for class experiences

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!



Food Service Careers

FOODS I – FAMILY, FOOD AND SOCIETY ►

Course 9210FCE

Elective Course

.5 credits

Course Fee: \$30.00 is for consumable supplies

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

Course Fee: \$35.00 is for consumable supplies

Introduction to Food Service builds on Family, Food & Society (Foods I). Areas of focus include mastering the basics, careers in the foodservice 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 foodservice industry.

PROSTART (Four consecutive semesters)

Prostart I, Course 9327FCE, 9328FCE ►

Prostart II, Course 9329FCE, 9330FCE ►

Elective Course

.5 credits each semester

Prerequisite: Foods II: Introduction to Food Service

Course Fee: \$50/semester for consumable supplies

Note: These courses are offered on a rotation basis and can be taken out of order.

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.

Students have the opportunity to be matched with a mentor during ProStart II to facilitate mastering of the ProStart Certification Competencies. Students who meet the ProStart Program competencies and pass the Year 1 and Year 2 national exams will receive a National Restaurant Association Education Foundation Achievement Certificate and may be eligible for advanced placement credits at Vocational and Culinary Colleges. Students must sign up for a full year (Semesters 1 and 2 or semesters 3 and 4).



Food Service & Hospitality Careers

MULTICULTURAL ASPECTS OF FOOD ►

Course 9326FCE

Elective Course

.5 credits

Recommended: Foods I – Family, Food and Society

Course Fee: \$30.00 for consumable supplies

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.

PRINCIPLES OF BAKING AND PASTRIES ►

Course 9217FCE

Elective Course

.5 credits

Recommended: Foods I - Family, Food and Society;

Course fee: \$35.00

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.

TRAVEL AND RESTAURANT EXPLORATION ►

Course 9331FCE

Elective Course

.5 credit

Semester Course

Course Fee: \$25.00

Do you like to dine out, stay in hotels, or travel? Then this class is perfect for you. Students will gain an understanding of the restaurant and hotel business and even design and operate a restaurant. A field trip to a restaurant and hotel or resort will give a "behind the scenes" view of the operations of a hospitality business and teach you about exciting careers in the hospitality and tourism industry.

EXPLORING HOSPITALITY AND TOURISM ►

Course 9336FCE

Elective Course

.5 credits

Course fee: \$15.00

Note: Dual-Credit may be offered

Exploring Hospitality and Tourism introduces students to the broad spectrum of the hospitality and tourism services industry. Typical career areas include food service, lodging, travel/tourism, meeting management, and recreation. The course explores program career opportunities as well as historical and operational perspectives of the career areas mentioned above.

When taught by a certified Madison College trained teacher, successful completion of this course will result in 2 transcribed credits at Madison College. Dual credit is available to Juniors and Seniors. Dual Credit is not guaranteed each year.



Medical Occupations Careers

MEDICAL OCCUPATIONS I ►

Course 9429FCE

Elective Course

.5 credits

Note: Dual Credit may be offered

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.

When taught by a certified Madison College trained teacher, successful completion of this course with a C or above will result in transcribed credits at Madison College. Dual Credit is available to Juniors and Seniors. Dual Credit is not guaranteed each year.

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

Note: Dual Credit may be offered

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.

When taught by a certified Madison College trained teacher, successful completion of this course with a C or above will result in transcribed credits at Madison College for juniors and seniors only. Dual Credit is not guaranteed each year.

CERTIFIED NURSING ASSISTANT (I) FUNDAMENTALS ►

Course 9423FCE

Elective Course

.5 credits

Are you wondering if being a CNA is the right career path for you? I Fundamentals 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!

CERTIFIED NURSING ASSISTANT (I) ►

Course 9433FCE

Elective Course

.5 credits

Prerequisite: Medical Occupations I. Medical Occupations I must be completed by the end of Junior year.

Prerequisite: Must be a junior or senior.

Course Fee: \$68.00 for health history and background check
Test Fee (optional): \$115.00 (Instructor will give further payment information.)

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 \$115.00. 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, but do not have to pay for the Madison College credits.



Textile & Design Careers

CLOTHING I ▶

Course 9103FCE

Elective Course

.5 credits

Course Fee: \$20.00 for project materials

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

Course Fee: \$30.00 for class projects

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

Course Fee: \$12.00 for class projects

Note: Dual Credit may be offered

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.

When taught by a certified Madison College trained teacher, successful completion of this course will result in 2 transcribed credits at Madison College. To receive credit from Madison College, students must take this course as a junior or senior. Dual credit is not guaranteed each year.

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

Course Fee: \$11.00 for class projects (Additional cost for independent projects)

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

Course Fee: \$5.00 for class projects

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 décor 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 inspire our students to reach their full potential through a solid mathematics foundation allowing them to become self-advocates, life-long learners, and ultimately responsible contributors to a global society.

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 <i>strongly</i> 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 <i>majors</i> 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. <i>Note: Many of these careers <u>also use Statistics</u>. Check with your colleges of interest to verify what is needed.</i> *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 <u>every</u> 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: <table border="1"> <tr> <td> • Education • Public Service • Health and Wellness • Technology • Environment and Science </td> <td> • Sports • Finance • Manufacturing • Journalism • Data Science </td> </tr> </table> <i>Note: Some of these careers also <u>require Calculus</u> in the degree path. Check with your colleges of interest to verify what is needed.</i>	• Education • Public Service • Health and Wellness • Technology • Environment and Science	• Sports • Finance • Manufacturing • Journalism • Data Science
• Education • Public Service • Health and Wellness • Technology • Environment and Science	• Sports • Finance • Manufacturing • Journalism • Data Science		
Math Reasoning For College** Algebra Concepts for Transcribed Credit** 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/>



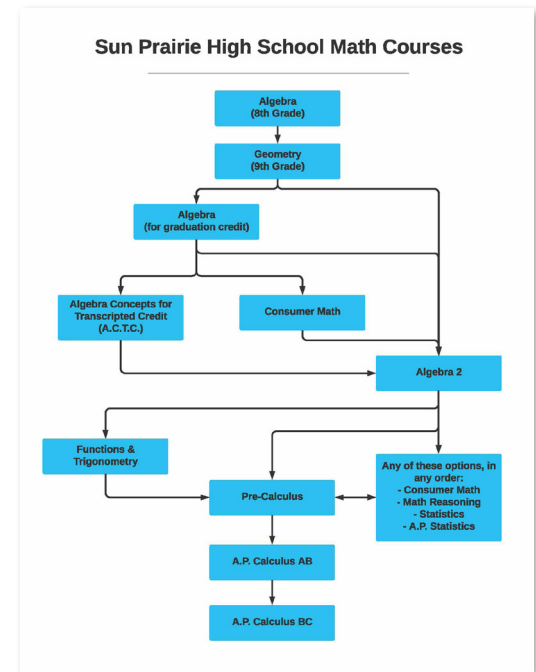
Studying Math at Sun Prairie High Schools

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 Algebra 2, Functions and Trigonometry (Algebra 3), Pre-Calculus, AP Calculus, AP Statistics, and Transition to College Math will need to purchase a graphics calculator (TI-83 or TI-84 series is recommended).** All other classes will need 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. The high school uses the CPM (College Preparatory Mathematics) program. The math program focuses on helping students understand not just the hows of math, but also the whys. CPM is aligned with the Common Core State Standards for mathematics and has 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.

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



Course #	Title	Grades	Prerequisites	Length of Course/ Credits Earned
3265 MTH 3266 MTH	Algebra 1	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 Transcribed Credit	11-12	Algebra 1 and Geometry	Year / 1.0
3267 MTH 3628 MTH	Algebra Concepts for Transcribed Credit (ACTC)	10-12	Algebra 1 and Geometry or be concurrently enrolled in 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 <i>Recommended:</i> 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

ALGEBRA 1 ►

Course 3265MTH, 3266MTH

Required Course

1.0 credit

Students will learn algebraic concepts by investigating new situations, discovering relationships and figuring out which strategies can best be used to solve problems. During this course, students will collaborate with other students as a member of a study team. Each member of the study team has something to contribute while the team discovers the mathematical ideas and methods. The teacher will support students as they work, but will not take away their opportunity to think and investigate. If something is not clear the first time students encounters it, they will have more chances to build their understanding as the course continues. All students must be active participants, making sure everyone in the study team is involved and asking good questions. Some of the topics covered are problem solving, graphs and equations, solving equations and systems of equations.

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 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.

COMPACTED GEOMETRY AND ALGEBRA 2

Course 3381COMP, 3382COMP

2.0 Credits

Prerequisite: Algebra 1

Students signing up for compacted Geometry and Algebra 2 will earn 2 math credits. Students will have Geometry every day first semester and Algebra 2 every day second semester. Students choosing this option commit to taking 2 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.

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 and Geometry

Note: Dual Credit may be offered

Math Reasoning for Transcribed 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.

ALGEBRA CONCEPTS for TRANSCRIPTED CREDIT (ACTC) ►

Course 3267MTH, 3268MTH

Elective Course

1.0 credit

Prerequisite: Algebra 1 and Geometry or be concurrently enrolled in Geometry

Note: 10th graders may enroll but will not obtain transcribed credit

This class provides an opportunity to earn three math credits at Madison College and move directly into math requirements of the program of a student's choice. When taught by a certified Madison College trained teacher and after successful completion with a grade of at least a C on the final exam and coursework, students with junior or senior status will earn 3 Madison College credits and will be able to enter into their required math course at Madison College. (Dual credit is not guaranteed each year.) Topics may include the real number system, linear equations and inequalities in one and two variables, systems of linear equations and inequalities, exponents and polynomials, factoring and applications, rational expressions and applications, roots and radicals, and quadratic equations. This course is most appropriate for seniors planning to attend a two-year technical college or for juniors wanting to improve their algebraic skills before taking Algebra 2 their senior year.

COMPACTED ALGEBRA CONCEPTS for TRANSCRIPTED CREDIT (ACTC) AND ALGEBRA 2

Course 3476COMP, 3478COMP

2.0 Credits

Prerequisite: Algebra 1 and Geometry

Students signing up for compacted ACTC and Algebra 2 will earn 2 math credits in one school year. Students will have ACTC every day first semester and Algebra 2 every day second semester. Students choosing this option commit to taking 2 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.

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: 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 antiderivative 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 shell and the 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 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.



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. Individualized lesson curriculum
2. Large group rehearsals, five periods each week
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

Enrollment in any music performance ensemble allows for participation in music related extracurricular activities such as:

1. Jazz Ensemble
2. Jazz Combos
3. Epoch Sound Pepband
4. Sound of Sun Prairie
5. District State Solo/ Ensemble
6. String Quartet
7. Madrigal Singers
8. Pop Strings

Fees

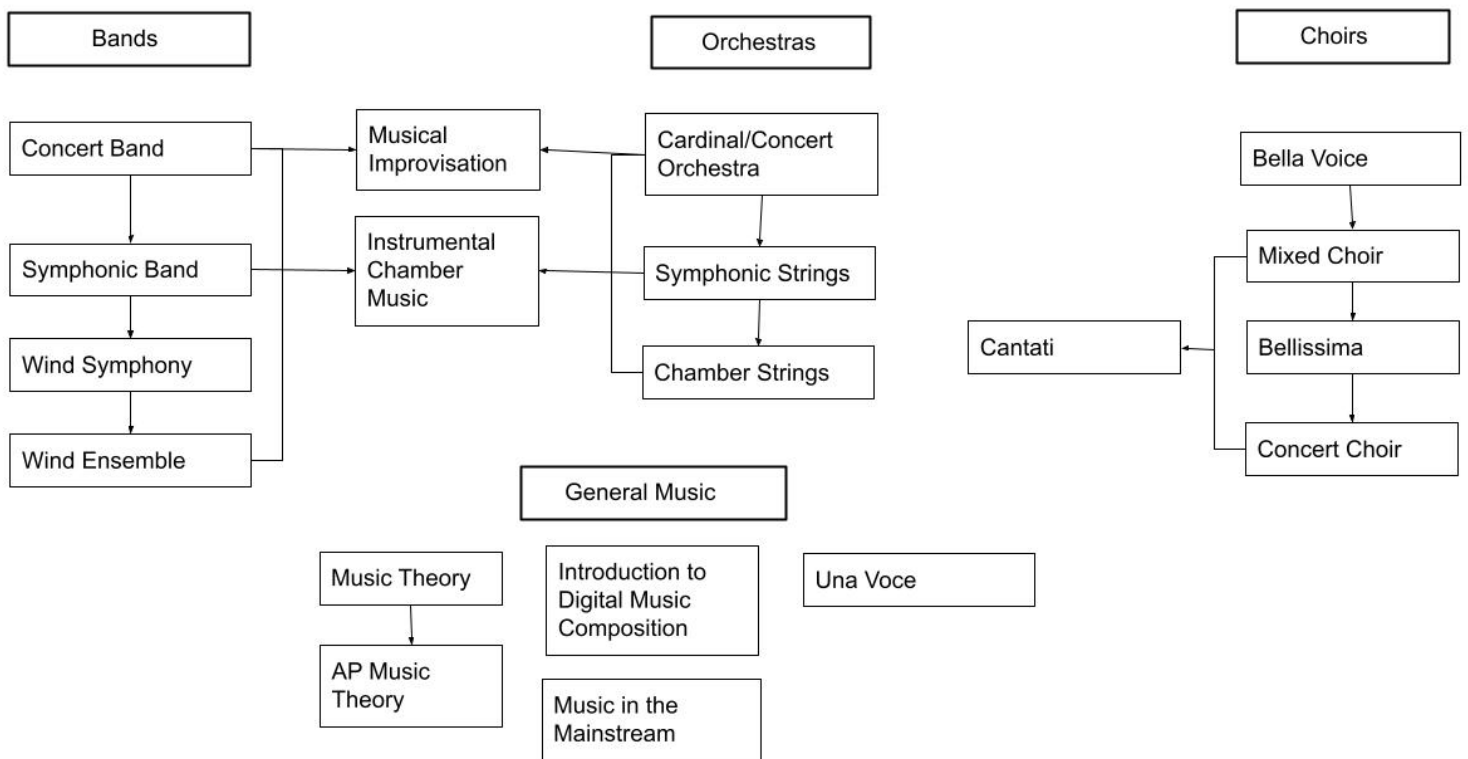
All Performance Ensembles: A school board mandated music/uniform fee of \$25.00 is for all music performance classes.

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



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 7150 MUS	Cantati Choir	9-12	Concurrent enrollment in another music ensemble	Year / 1.0
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

Course fee: \$25.00 uniform user fee.

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

Course fee: \$25.00 Uniform User Fee.

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

Course fee: \$25.00 uniform user fee.

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

Course fee: \$25.00 uniform user fee.

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

Course fee: \$25.00 Uniform User Fee.

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

1.0 credit

Prerequisite: Concert Orchestra

Course fee: \$25.00 uniform user fee. 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

Course fee: \$25.00 uniform user fee.

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

Course fee: \$25.00 uniform user fee

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

Course fee: \$25.00 Uniform User Fee

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, 7150MUS

Elective Course

1.0 credit

Course fee: \$25.00 Uniform User Fee

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.

Course fee: \$25.00 uniform user fee

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

Course fee: \$25.00 uniform user fee

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
 Semester Course

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.
 Course fee: none

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
 Course fee: none

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 ►

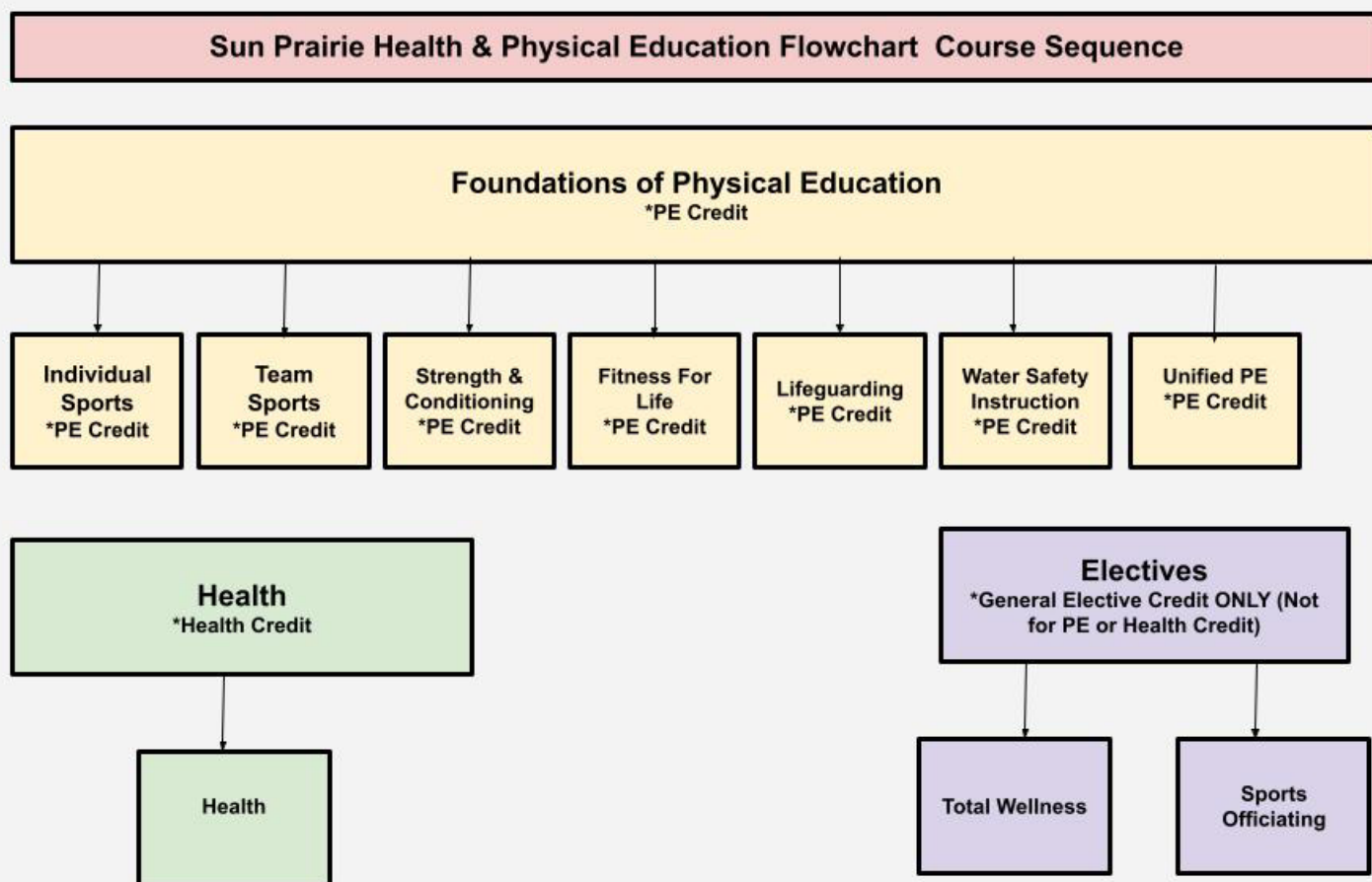
Course 7167MUS
 Elective Course
 .5 credits
 Course fee: none

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 Water Safety Instruction 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 swimwear 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 5102 PED	Foundations of Physical Education	9-10	None	Semester / .5
5201 PED	Fitness For Life	9-12	Foundations of Physical Education	Semester / .5
5200 PED	Strength and Conditioning	9-12	Foundations of Physical Education	Semester / .5
5235 PED	Individual Sports	9-12	Foundations of Physical Education	Semester / .5
5275 PED	Team Sports	9-12	Foundations of Physical Education	Semester / .5
5301 PED	Lifeguard Training	10-12	Foundations of Physical Education/ Read Course Description	Semester / .5
5303 PED	Water Safety Instruction	10-12	Foundations of Physical Education/ Read Course Description	Semester / .5
5203 PED	Unified Physical Education	9-12	Foundations of Physical Education and Complete Application	Semester / .5
5280 PED	Sports Officiating	9-12	Foundations of Physical Education	Semester / .5
5701 HEA	Health	9-12	None	Semester / .5
5700 HEA	Total Wellness	9-12	None	Semester / .5



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

FOUNDATIONS OF PHYSICAL EDUCATION ►

Course 5101PED, 5102PED

Required Course

.5 PE credit

Year Course

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

FITNESS FOR LIFE ►

Course 5201PED

Elective Course

.5 PE credit

Prerequisite: Foundations of Physical Education

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. We will at times be using a textbook to enhance knowledge in combination with written work.

STRENGTH AND CONDITIONING ►

Course 5200PED

Elective Course

.5 PE credit

Prerequisite: Foundations of Physical Education

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

Course fee: \$25.50 for off-campus activities (Bowling, Golf Range, and Ice Skating)

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

Course fee: \$19.00 for off-campus activities (Bowling and Ice Skating)

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

Course fee: \$60.00.

\$35 is for the American Red Cross certification and
\$25 is for take-home materials

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 criteria 1-4 below:

1. Must be 15 years old.
2. Must be able to complete 300 yards of freestyle (front crawl) or breaststroke demonstrating breath control and rhythmic breathing.
3. Tread water for 2 minutes using only the legs. Candidates should place their hands under the armpits.
4. Must be able to swim 20 yards and perform brick retrieval from 7-10 feet of water and return to the starting point within Red Cross guidelines established time limit.
5. Score at least 80% on all written material.

WATER SAFETY INSTRUCTION ►

Course 5303PED

Elective Course

.5 PE credit

Course Fee \$82 (\$37 for certification, and \$45 for books)

The purpose of the Water Safety Instructor course is to train instructor candidates to teach Parent and Child Aquatics, Preschool Aquatics, Learn-to-Swim, Adult Swim and Water Safety Courses and Presentations. Water Safety Instructor candidates must be at least 16 years old on or before the last scheduled day of the Water Safety Instructor course.

Pre-requisite skills: Swim the following strokes consistent with the stroke performance charts in Level 4:

- Front Crawl: 25 yards
- Back Crawl: 25 yards
- Breaststroke: 25 yards
- Elementary Backstroke: 25 yards
- Sidestroke: 25 yards
- Butterfly: 15 yards
- Maintain Position on back for 1 minute in deep water (floating or sculling)
- Tread Water for 1 minute.



UNIFIED PHYSICAL EDUCATION ►

Course 5203PED

Elective Course

.5 PE credit

*Prerequisite: Foundations of Physical Education and**Complete [Application](#)*

Course fee: \$25 for off campus activity (Ice Skating and Boulders Climbing Gym)

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 outdoor pursuits, swimming, kayaking, fitness, archery, and biking. Assessments for mastery will be given in a variety of ways including skill checks using rubrics and student projects for each unit.

SPORTS OFFICIATING ►

Course 5280PED

Elective Course

.5 General elective credit

Prerequisite: Foundations of Physical Education

Course Fee: \$25 for take home materials and field trip (WIAA covers the registration cost)

NOTE: This course does not count toward required Physical Education credits for graduation.

Welcome to Sports Officiating! Sports Officiating is a Physical Education elective course that focuses on the philosophy of being an official, umpire, and/or referee for athletic contests. This course will cover WIAA Volleyball and Basketball and if possible, an additional third sport. Each student will take the WIAA Sports Officiating Exam for each assigned sport. In addition, students will participate in class discussions and read and discuss articles on being an official/referee/umpire, coach, player, and spectator/fan.

HEALTH ►

Course 5701HEA

Required Course

.5 Health credit

Some of the topics covered in Health include healthy choices and decision making, mental health, stress management, fitness and weight control, drug use and abuse including alcohol and tobacco, infectious diseases including STDs and AIDS, noninfectious diseases, relationships, and sexuality. Since this course includes material on sensitive topics, parental involvement is encouraged.

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. Certification is not offered during Distance Learning.

TOTAL WELLNESS ►

Course 5700HEA

.5 General elective credit

Semester Course

Total Wellness offers students an opportunity to expand their learning about personal and societal health and wellness through a hybrid environment. Learning will occur in the classroom, gymnasium, outside, in the weight room, and online. This course will focus on 21st century learning skills such as communication, collaboration, creativity, and critical thinking. Units are centered around all areas of wellness: physical, financial, occupational, emotional, intellectual, social, environmental, and spiritual. Students will explore current events around health and wellness topics and be physically active every class.



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)	OR	Fulfills requirement:
Introduction to Ecology		- 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)	OR	Pick 2 of these: (.5 credit each)
- Biology - AP Biology - AP Environmental Science (this would fulfill the ecology requirement) - Global Food and Sustainability Academy (AP Environmental Science)		- Genetics and Biotechnology - Human Anatomy & Physiology 1 - Human Anatomy & Physiology 2 - Fundamentals of Forensic Science

Physical Science - need 1.0 credit for graduation (minimum requirement)		
Pick 1 of these: (1.0 credit each)	OR	Pick 2 of these: (.5 credit each)
- Chemistry - Physics - AP Chemistry - AP Physics 1 - AP Physics 2 - AP Physics C		- 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 1 - Human Anatomy & Physiology 2 - 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) - Global Food and Sustainability Academy (AP Environmental Science) - 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 - Global Food and Sustainability Academy (AP Environmental Science) 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 - Global Food and Sustainability Academy (AP Environmental Science)



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/BioTech	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	<i>Recommended:</i> Biology and Chemistry	Year / 1.0
4554 SCI 4555 SCI	Advanced Placement (AP) Chemistry	Physical Science	10-12	<i>Recommended:</i> A or B in Chemistry	Year / 1.0
4576 SCI 4577 SCI	Advanced Placement (AP) Environmental Science	Life Science	9-12		Year / 1.0
4442 SCI 4443 SCI	Advanced Placement (AP) Physics C: Mechanics	Physical Science	11-12	<i>Recommended:</i> currently enrolled in Pre-Calculus or Calculus	Year / 1.0
4438 SCI 4439 SCI	Advanced Placement (AP) Physics 1	Physical Science	10-12	<i>Recommended:</i> strong algebraic math skills	Year / 1.0
See Page 15 for more information	Global Food and Sustainability Academy • AP Environmental Science • Global Food and Sustainability (Elective credit)	Life Science	11-12		Year / 2.0



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

BIOLOGY ►

Course 4122SCI, 4222SCI

Required Course

1.0 life science credit

Course Fee: \$28.00 (Field trip fee)

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:

- Ecology - how organisms interact with their environment and the effects of those interactions
- Levels of Organization – how structure relates to function, how organisms obtain energy, grow and develop
- Inheritance – passing characteristics from one generation to the next
- Evolution – evidence for change in living things over time and how/why that happens

Biology includes two course required field trips. Students will take a trip to Lake Wingra to study aquatic ecosystems and another trip to the Milwaukee County Zoo to study adaptations and the unity and diversity of life. The cost of field trips are included in the course fee.

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 if you shop wisely.

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 everyday first semester and Physics everyday 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 are 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

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.

AVIATION AND SPACE ►

Course 4017SCI

.5 physical science credit

Course fee: \$30.00 for classroom projects

Aviation and Space is a course designed for those students interested in engineering concepts required for designing airplanes and launching rockets. A short unit on astronomy will help students understand celestial events and learn about local stars and constellations in the Milky Way galaxy. Knowledge of these celestial events and objects will also help in our discussion of space travel. Requirements of becoming a pilot or an astronaut are reviewed with practice flying flight simulators. The history of aviation along with the space program will also be a part of the curriculum. Field trips to local planetariums, airports, and aviation museums will help to solidify concepts that have been covered in class. Speakers could include pilots, former astronauts, engineers in the field, skydivers, and amateur astronomers. Representatives from all branches of the armed forces will be available to discuss aircraft they maintain and fly. The course fee covers the model rocket, engines, kites, White Wings model airplanes, and Delta Darts.

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/BIOTECH ►

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 bioethical 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

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; population ecology, community ecology, ecosystem ecology, benefits of biodiversity, material resources, water resources, global energy flow and climate change, and energy resources. 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 exploring. 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, fingerprinting, hair analysis, toxicology, DNA analysis and blood analysis.

HUMAN ANATOMY AND PHYSIOLOGY: BONES, SKINS, MUSCLES, AND MORE ►

Course 4565SCI

.5 life science credit

Students interested in a career in 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 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, digestive, endocrine, respiratory, and immune. 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**Recommended: Human Anatomy, Physiology, or Genetics.*

Course lab fee: \$13.00 for workbook

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

Required Summer Assignment(s)

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

Course fee: \$25.00 for field trip

Required Summer Assignment(s)

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. The course fee covers the cost of field trips.

The service learning project is an environmental assessment of the Token Creek watershed.



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; mechanical waves and sound, and finishes with aspects of electric circuits. 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!

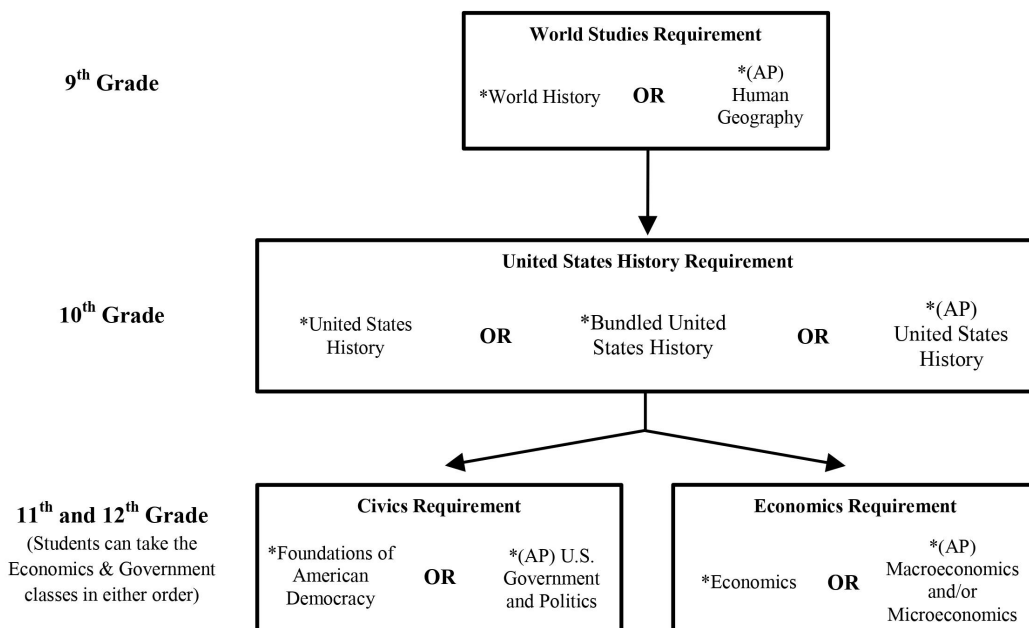


Three credits of Social Studies are required for graduation.

Graduation Requirements

- 1 credit World Studies
 - World History
 - AP Human Geography
 - AP World History: Modern
- 1 credit United States History
 - United States History, 1860-Present
 - Bundled United States History, 1860-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



Note:

* Indicates a course that fulfills a graduation requirement

** Indicates a course that changes its content every 3 years

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: The Psychology 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.

Course #	Title	Grades	Prerequisites	Length of Course/ Credits Earned
2241 SOC 2243 SOC	World History	9-12	None	Year / 1.0
2441 SOC 2442 SOC	Advanced Placement (AP) Human Geography	9-12	None	Year / 1.0
2459 SOC 2460 SOC	Advanced Placement (AP) World History: Modern Offered every other year. Next offerings are: 2023-2024 & 2025-2026	10-12	None	Year / 1.0
2251 SOC 2252 SOC	United States History, 1860-Present	9-12	None	Year / 1.0
2251 BUND 2252 BUND 1220 BUND 1221 BUND	Bundled U.S. History 1860-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	None	Semester / .5
2611 SOC	Diversity Studies	9-12	None	Semester / .5
2471 SOC 2472 SOC	Advanced Placement (AP) European History Offered every other year. Next offerings are: 2022-2023 & 2024-2025	10-12	None	Year / 1.0
2030 SOC	African Heritage Offered every other year. Next offerings are: 2023-2024 & 2025-2026	9-12	None	Semester / .5
2605 SOC	International Studies and Global Realities	9-12	None	Semester / .5
2032 SOC	Native American & Latin American Heritage Offered every other year. Next offerings are: 2022-2023 & 2024-2025	9-12	None	Semester / .5
2005 SOC	Legal Studies	9-12	None	Semester / .5
2624 SOC	Social Studies Seminar: The Psychology of Sports	9-12	None	Semester / .5
2001 SOC 2002 SOC	Advanced Placement (AP) Psychology	10-12	None	Year / 1.0
2500 SOC	Psychology	9-12	None	Semester / .5
2502 SOC	Introduction to Sociology	11-12	None	Semester / .5

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 to world religions. The course investigates major world events from the Renaissance through World War II. 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 state standards including history, geography, government, and economics 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

Required Summer Assignment(s)

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).

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 2023-2024 and 2025-2026

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.



UNITED STATES HISTORY 1860—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, the Civil War; 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.

BUNDLED U.S. HISTORY 1860-PRESENT & ENGLISH 10 ▶

Course 2251BUND, 2252BUND, 1220BUND, 1221BUND
Fulfills U.S. History Requirement
2.0 Credits

Students signing up for bundled U.S. History 1860-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 1860-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

ADVANCED PLACEMENT (AP)**UNITED STATES HISTORY ▶**

Course 2451SOC, 2452SOC
Fulfills U.S. History Requirement
1.0 credit

Required Summer Assignment(s)

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

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

Required Summer Assignment(s)

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

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:

1. Basic Economic Concepts: What is Economics?
2. Measurement of Economic Performance and Economic Growth: How do we determine the health of the economy?
3. National Income and Price Determination: What is GDP, inflation, and the unemployment rate and why do they matter?
4. Fiscal Policy: What impact does the government have on the economy?
5. Monetary Policy: What is the Fed and how does it work?
6. 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

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:

1. Basic Economic Concepts: What is Economics?
2. The nature and function of product markets including consumption, production, pricing, and competition
3. The nature and function of factor markets
4. 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

Course fee: \$10.00 for bi-monthly news magazine

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.

ADVANCED PLACEMENT (AP) EUROPEAN HISTORY ►

Course 2471SOC & 2472SOC

Elective Course

1.0 credit

Note: Offered every other year.

Next offerings are: 2022-2023 and 2024-2025

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.

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: 2023-2024 and 2025-2026**

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.

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.

NATIVE AMERICAN & LATIN AMERICAN HERITAGE ▶

Course 2032SOC

Elective Course

.5 credits

Note: Offered every other year.**Next offerings are: 2022-2023 and 2024-2025**

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.

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 2022-2023 ►**TOPIC: The Psychology of Sports**

Course 2624SOC

Elective Course

.5 credits

Ever wonder why sports are such an integral part of American culture? What does it mean psychologically to be an underdog? Why are fans obsessed with the t-shirt cannon? Why can a glimpse of the finish line lift us beyond ordinary physical limits? How can competition bring out the best and worst in us? And what can sports teach us about LIFE?

This course is perfect for athletes and sports fans alike. Throughout the course, we will explore topics relating to the effects of sports on our psyches and society. Students will analyze concepts such as the basis for “home field advantage,” what motivates different fan bases, and why, and how do superstitions play a role in sports? In addition, the course will provide students with knowledge about psychological factors that affect performance in sports such as motivation, concentration, focus, confidence, anxiety, and relaxation. Students will compare and contrast the different techniques used by coaches to motivate their athletes. Specific skills to be covered in this class will include: how to set measurable goals (SMART Goals) and strategies to achieve them, visualization and imagery techniques, leadership techniques, and the ability to understand how the human mind works in the realm of sports performance.

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 – dower experiment, gender difference attitudes – Mars vs. Venus, 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 and 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.



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:

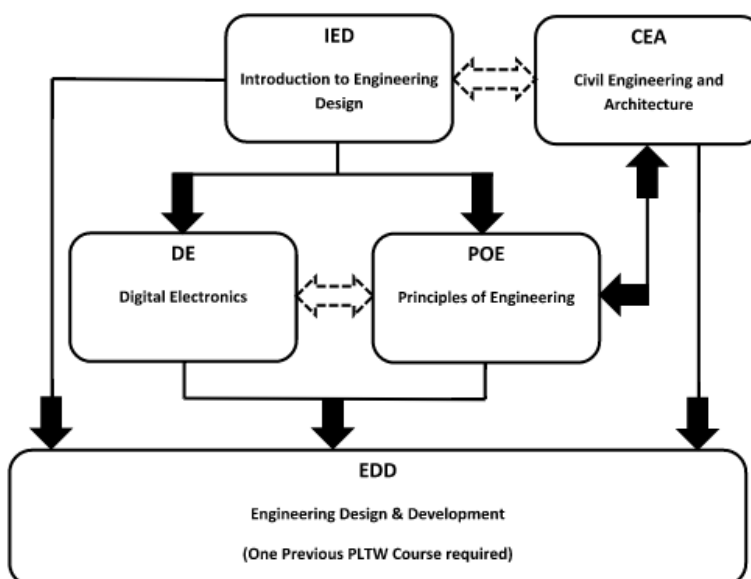
- PLTW contributes to a strong, positive impact on mathematics and science achievement
- PLTW has a positive influence on students' career interest and likelihood to continue their education
- PLTW offers a pathway to prepare and motivate students to enter careers in science and engineering

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.

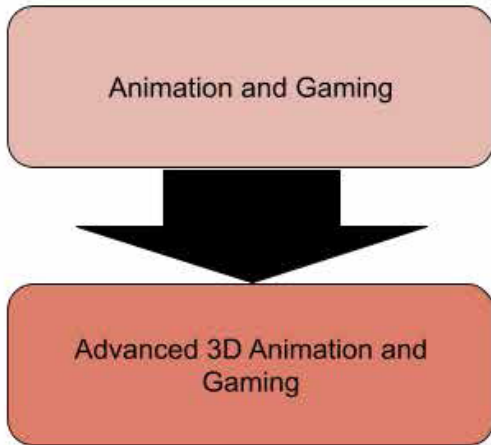
Dual/college credit is available to juniors and seniors who pass the end-of-the-course assessment and is dependent on the student's choice of college. **Note:** There is no dual credit for Computer Science Essentials 1 and Computer Science Essentials 2

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

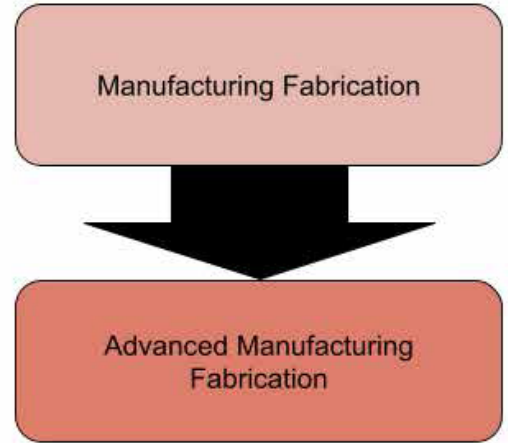
Sun Prairie High School PLTW Course Sequence



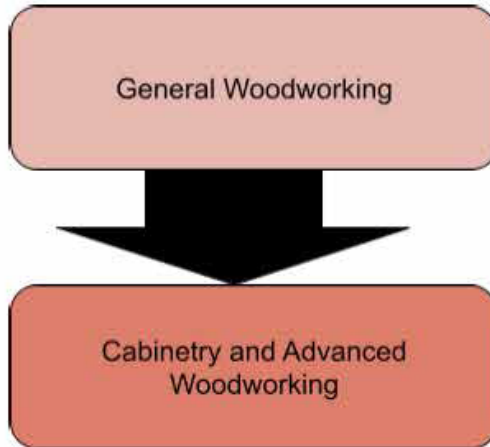
Animation and Gaming Program Flowchart



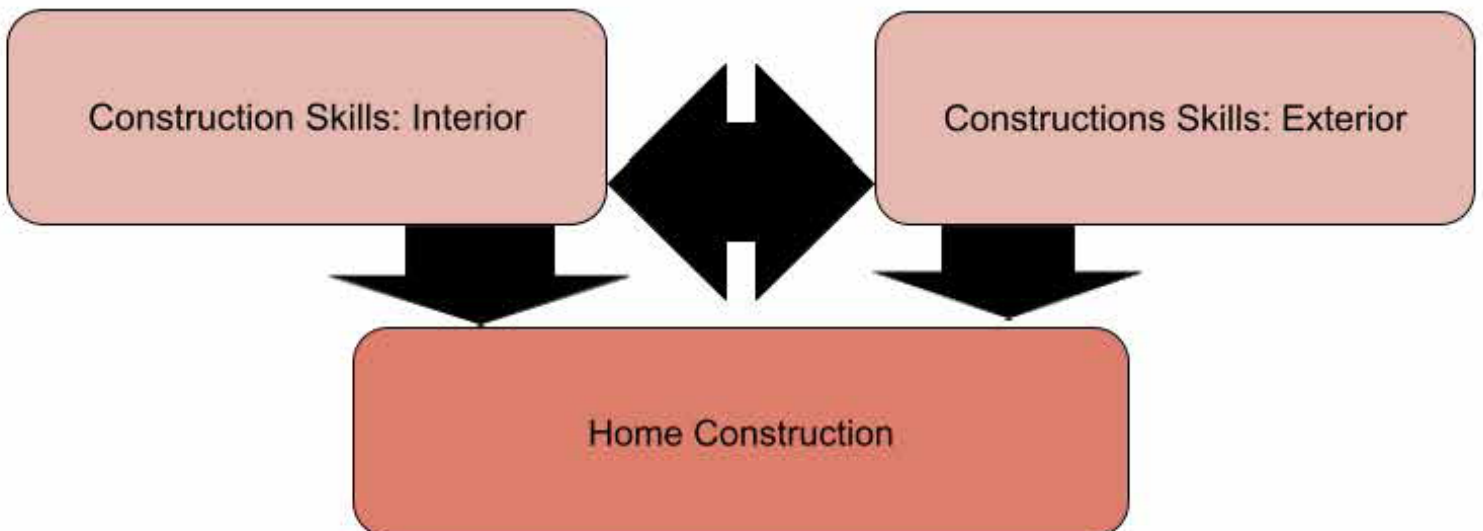
Manufacturing/ Welding Program Flowchart



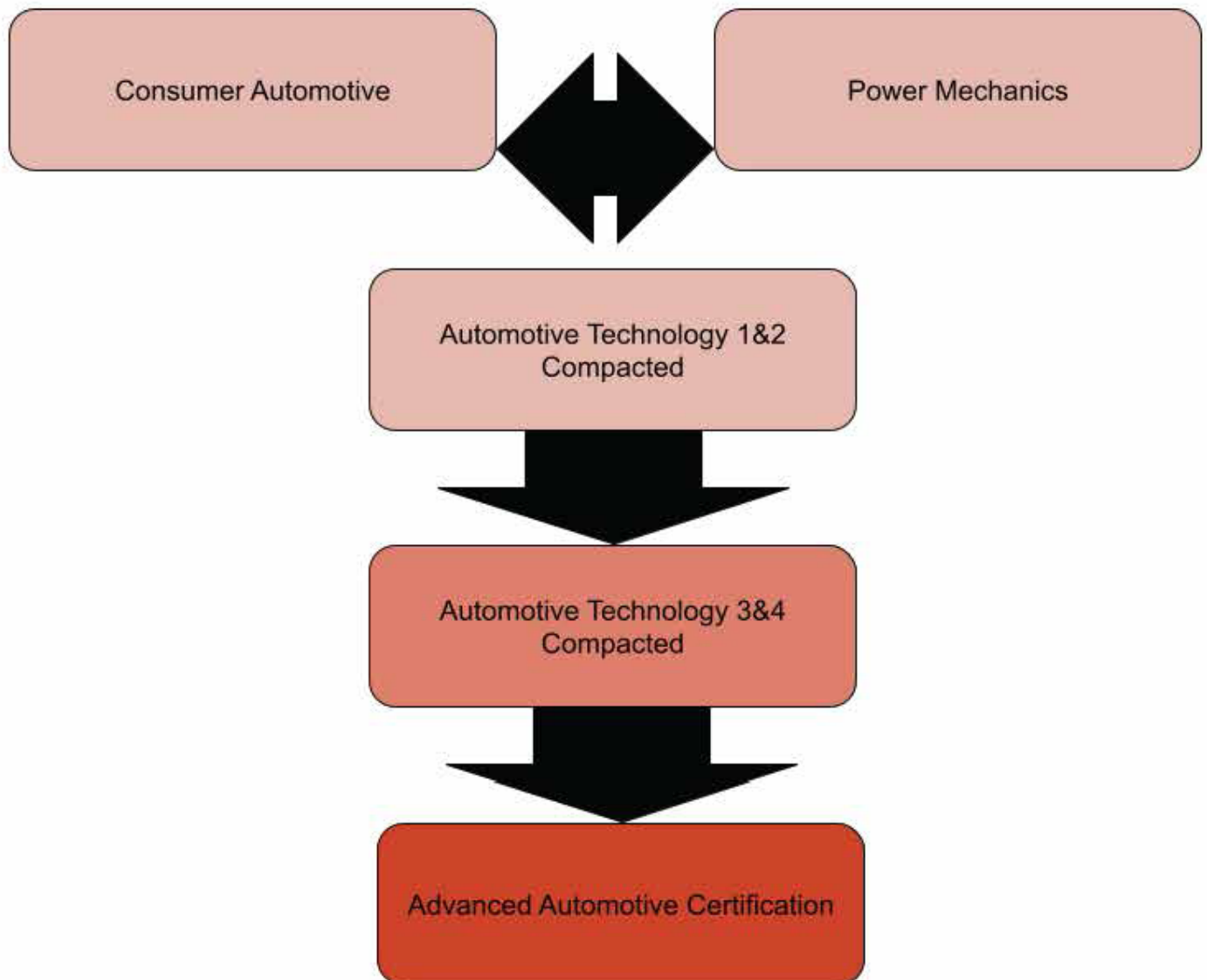
Woodworking Program Flowchart



Construction Program Flowchart



Automotive Program Flowchart



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 (IED 1) 8308 TED (IED 2)	Introduction to Engineering Design (IED) – Project Lead the Way	9-12	None	Year / 1.0
8309 TED (POE 1) 8310 TED (POE 2)	Principles of Engineering (POE) – Project Lead the Way	10-12	Introduction to Engineering Design (IED) or instructor consent	Year / 1.0
8311 TED (CEA 1) 8312 TED (CEA 2)	Civil Engineering and Architecture (CEA) – Project Lead the Way	9-12		Year / 1.0
8313 TED (DE 1) 8314 TED (DE 2)	Digital Electronics (DE) – Project Lead the Way	10-12	Introduction to Engineering Design (IED) or instructor consent	Year / 1.0
8315 TED (EDD 1) 8316 TED (EDD 2)	Engineering Design and Development (EDD) – Project Lead the Way	11-12	Any previous Project Lead the Way (PLTW) class (IED, POE, CEA, or DE)	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
8405 TED 8406 TED	Home Construction	11-12	Construction Skills and completion of application	Year / 3.0
8801 TED	Power Mechanics	9-12	None	Semester / .5
8806 TED	Consumer Auto	9-12	None	Semester / .5
8850 COMP	Automotive Technology 1 and 2 Compacted	9-12	None	Semester / 1.0
8851 COMP	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

Engineering Program

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

EXPLORING TECHNOLOGY ►

Course 8300TED

Elective Course

.5 credits

Course Fee: \$20.00 for project materials

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

Course Fee: \$15.00 for project materials

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.

Engineering Program

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.

INTRODUCTION TO ENGINEERING DESIGN (IED) ►**– PROJECT LEAD THE WAY**

Course 8307TED IED 1, 8308TED IED 2

Elective Course

1.0 credit

Course fee: \$10.00

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.

PRINCIPLES OF ENGINEERING (POE) ►**– PROJECT LEAD THE WAY**

Course 8309TED POE 1, 8310TED POE 2

Elective Course

1.0 credit

Course fee: \$10.00

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.



Engineering Program

CIVIL ENGINEERING AND ARCHITECTURE (CEA) ►**– PROJECT LEAD THE WAY**

Course 8311TED CEA 1, 8312TED CEA 2

Elective Course

1.0 credit

Course fee: \$10.00

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.

DIGITAL ELECTRONICS (DE) ►**– PROJECT LEAD THE WAY**

Course 8313TED DE1, 8314TED DE2

Elective course

1.0 credit

Course fee: \$10.00

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 Program

**ENGINEERING DESIGN AND DEVELOPMENT (EDD) ►
– PROJECT LEAD THE WAY**

Course 8315TED EDD1, 8316TED EDD2

Elective Course

1.0 credits

Prerequisite(s): Any previous Project Lead the Way (PLTW) class

Course fee: \$10.00

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 46 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



Construction & Woods Program

GENERAL WOODWORKING ►

Course 8403TED

Elective Course

.5 credits

Course fee: \$30.00 for safety materials and take home project

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

Course fee: \$35.00 for take home project

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

Prerequisite: General Woodworking

Course fee: \$10.00 for safety materials

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

Prerequisite: General Woodworking

Course fee: \$10.00 for safety materials

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* ►

Course 8405TED (Semester One)

Course 8406TED (Semester Two)

Elective Course

1.5 Credits

Prerequisite: Construction Skills and completion of application.

Course fee: \$10.00 for safety materials

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; jobsite 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.

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.

Automotive Program

POWER MECHANICS ►

Course 8801TED

Elective Course

.5 credits

Course fee: \$20.00 for classroom projects

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

Course fee: \$20.00 for classroom projects

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 8850COMP

Elective Course

1 credit total (.5 credit for Automotive Technology 1, and .5 credit for Automotive Technology 2)

Note: Students signing up for both Automotive Technology 1 and 2 Compacted and for Automotive Technology 3 and 4 Compacted will earn 2 CTE credits.

Course Fee: \$20 for classroom projects

Note: This course is compacted so it will meet every day for 1 semester.

This course is 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 course 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.



Automotive Program

AUTOMOTIVE TECHNOLOGY 3 AND 4 COMPACTED ►

Course 8851COMP

Elective Course

1 Credit total (.5 credit for Automotive Technology 3, and .5 credit for Automotive Technology 4)

Note: Students signing up for both Automotive Technology 1 and 2 Compacted and for Automotive Technology 3 and 4 Compacted will earn 2 CTE credits.

Prerequisite: Automotive Technology 1 and 2 Compacted with a "C" or better.

Course Fee: \$20 for classroom projects

Note: This course is compacted so it will meet every day for 1 semester.

This course is designed to continue learning about car systems that was not covered in Automotive Technology 1 and 2. It is a great course 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.

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. Students will also take the ASE G1 certification. This is a cumulative certification covering all 8 areas of the automobile. These certifications will make students more employable and can increase pay when finding jobs within the automotive industry. This will also earn students advanced standing in the Madison College automotive program.

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.

Course Fee \$10

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 Program

MANUFACTURING METAL FABRICATION I ►

Course 8031TED

Elective Course

.5 credits

Course fee: \$30.00 for safety equipment

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

Course fee: \$30.00 for safety equipment

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.



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 Chinese, 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. 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 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.

World Languages Flowchart

Successful completion of each class is a prerequisite for for the next level
(moving from left to right)

Chinese	I → II → III → IV → V
French	I → II → III → IV → AP
German	I → II → III → IV → AP
Spanish	I → II → III → IV → AP (Dual Credit when taught by a UW accredited instructor)

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.

(common questions continued on next page)



(continued from previous page)

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).

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—4 th level in one language or 3 rd level in one language AND 2 nd level in another language BS—3 rd 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/feunrirms.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.

What is Dual Credit and how does it work?

When taught by an accredited teacher, students may earn UW credit for successful completion of required coursework while in high school. Currently AP Spanish is also dual credit, coordinated and monitored by UW-Green Bay, instructed by a Sun Prairie language teacher. Students pay approximately 1/3 UWGB tuition (\$300 in 2021-2022) for 3 university credits. Credits are transferable to all UW universities, most Wisconsin private universities, and many out of state universities. Check with your university's transfer policy at [Transferology](#). Students may also earn AP credits, with successful AP exam results, AND retroactive credits, with a B or better in this course. Learn about the UWGB College Credit in High School program [here](#). Read more about the benefits of world language dual credit [here](#).

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

Course #	Title	Grades	Prerequisites	Length of Course/ Credits Earned
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
6251 FOR 6252 FOR	Chinese I	9-12	None	Year / 1.0
6253 FOR 6254 FOR	Chinese II	9-12	Chinese I	Year / 1.0
6255 FOR 6256 FOR	Chinese III	10-12	Chinese II	Year / 1.0
6257 FOR 6258 FOR	Chinese IV	11-12	Chinese III	Year / 1.0
6259 FOR 6260 FOR	Chinese V	12	Chinese IV	Year / 1.0



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.

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

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. In the spring semester, Spanish artists are studied prior to a field trip to the Art Institute of Chicago.

ADVANCED PLACEMENT (AP)**SPANISH LANGUAGE AND CULTURE ▶**

Course 6019FOR, 6020FOR

Elective Course

1.0 credit

Prerequisite: Spanish IV

Course Fee: \$300 If choosing to apply for the Dual Credit option with UW-Green Bay.*

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.

*When taught by a UW-Green Bay trained teacher, this class can also be taken as a dual-credit class via UW-Green Bay to earn up to 14 college credits if successfully completed (B or better). UW-Green Bay credits will transfer to the majority of other colleges and universities. Dual credit is not guaranteed each year.

This dual credit is 3 credits for the course, plus 11 retroactive credits (available for World Languages, after a B or better in a 202 level course), all through UW-Green Bay. AP is a separate additional amount of credits, depending on the exam score and individual university requirements.

Students pay [tuition](#) to their high school as instructed. The partnership between the high schools and UW-Green Bay allows UW-Green Bay to reduce tuition to \$100 per credit, which is 1/3 less than regular, on-campus, tuition. UW-Green Bay will invoice the schools after students are registered. Students choosing this Dual Credit option will complete the application form, as instructed by the teacher, within the first week of class.



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

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. In the spring semester, French artists are studied prior to a field trip to the Art Institute of Chicago.

FRENCH IV ▶

Course 6138FOR, 6137FOR

Elective Course

1.0 credit

Prerequisite: French III

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

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

World Languages

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 artists are studied prior to an optional field trip to the Art Institute of Chicago in the spring.

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.



Chinese

CHINESE I ▶

Course 6251FOR, 6252FOR

Elective Course

1.0 credit

Chinese I is an introductory course in Mandarin Chinese, incorporating listening, speaking, reading, and writing skills into a standards-based approach. Students will be able to engage in conversations on topics of everyday interests, successfully engage in targeted listening activities based on stories, authentic materials, and movies. They will be able to experience, identify and discuss various patterns of behavior and interactions of Chinese culture, and understand underlying cultural perspectives.

CHINESE II ▶

Course 6253FOR, 6254FOR

Elective Course

1.0 credit

Prerequisite: Chinese I

Chinese II develops and expands the fundamental skills introduced in Chinese I. Aural comprehension, pronunciation, and speaking exercises facilitate oral communication in authentic contents. Additional vocabulary and grammar are introduced to lead to more advanced reading and writing. Authentic reading materials, fun stories, and audio/video recordings enrich the instruction. The course is aligned to national standards for foreign language education. Chinese I is a prerequisite for this course.

CHINESE III ▶

Course 6255FOR, 6256FOR

Elective Course

1.0 credit

Prerequisite: Chinese II

In this course, students will engage in conversations, provide and obtain information, and exchange opinions on various topics including current and historical events. Chinese III will address language applications, problem-solving, and higher-order thinking skills. Students will demonstrate an understanding of Chinese culture at a higher thinking level. They will demonstrate their ability to express themselves in written and spoken Chinese using complex sentence structures and increasing vocabulary appropriate to the third year. Students will work toward speaking, listening, reading, and writing through story reading and writing, conversation, discussion, and oral presentations.

CHINESE IV ▶

Course 6257FOR, 6258FOR

Elective Course

1.0 credit

Prerequisite: Chinese III

This is the intermediate course of Chinese for students who finish Chinese III or equivalent. Students will continue to study the language from authentic linguistic and cultural contexts. Students will also be focusing on conversation combined with further study of grammatical and syntactic rules and of cultural elements in order to develop communicative skills in listening, speaking, reading, and writing which are necessary for everyday life.

CHINESE V ▶

Course 6259FOR, 6260FOR

Elective Course

1.0 credit

Prerequisite: Chinese IV

This course is the continuation of Chinese IV. It is designed to further help students develop sophisticated conversational, reading, and writing skills. It will focus on applying Chinese language and cultural skills in real-world problem situations, and will provide the opportunity to experience a variety of topics in Chinese history, geography, music and arts, literature, daily life, and national and global issues.

This course will apply a student-centered diagnostic learning approach. Group work, a variety of engaging activities, and experiential projects are employed in the course to meet the individual needs of students. The course is taught in Mandarin Chinese.



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

Course Number TBD
Elective Course

Prerequisite: Junior Standing & 2.0 minimum GPA

Students interested in assisting a high school teacher with classroom needs may apply to be a teacher assistant. Students may pick up an application in the Student Services Office before the beginning of the semester. The application seeks parent, teacher, counselor and Administrator approval for this special studies offering. The assistantship must be taken in place of a study hall.

INDEPENDENT STUDY

Course Number TBD
Elective Course
.5 credits

Prerequisite: Senior Standing & 2.0 minimum GPA

The Independent Study Program allows a student to work closely with a teacher on an academic project that is not possible through our regularly scheduled classes and/or has exhausted the curriculum options available. Students may pick up an application and program guidelines in the Student Services Office before the beginning of the semester. The application seeks parent, teacher, counselor and Administrator approval for this special studies offering.



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	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 class is individualized based on IEP goals in alignment with AVID strategies. The course will have an emphasis on planning and organizing time and materials; strategies that support reading comprehension, written expression and math application; targeted skills instruction identified through assessments

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.

