2025 - 2026
Wisconsin Dells High School
Course Description Book

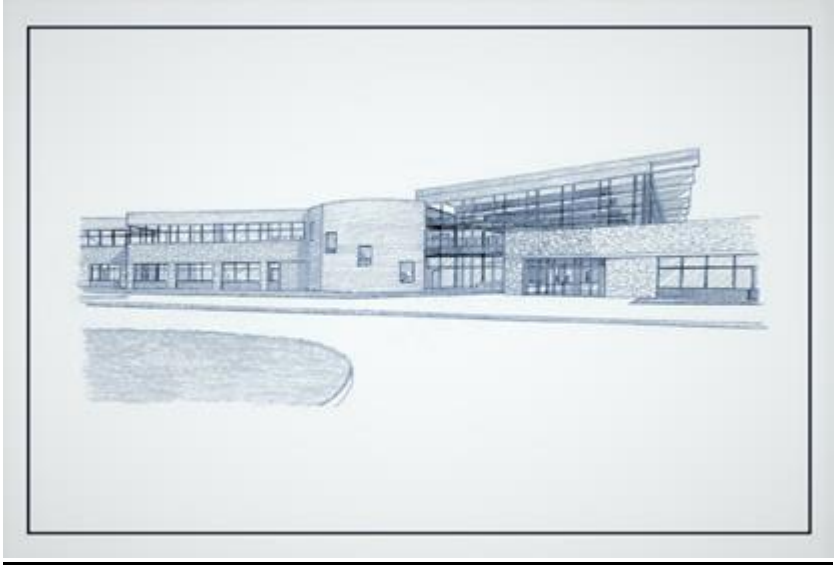


TABLE OF CONTENTS

ACADEMIC & CAREER PLANS 2

GENERAL INFORMATION--GLOSSARY OF TERMS 3

WISCONSIN DELLS HIGH SCHOOL GRADUATION REQUIREMENTS 4

UNIVERSITY OF WISCONSIN SYSTEM ADMISSION REQUIREMENTS 4

HIGH SCHOOL & POST HIGH SCHOOL PLANNING GUIDELINES 5
- Grade Level Requirements

IMPORTANT INFORMATION ABOUT SCHEDULING 6
- Student Classification
- Early Graduation
- Class Load
- Class Schedule Changes

ADDITIONAL PROGRAM OFFERINGS 7-13
- Advanced Placement Courses
- Dual Enrollment Course Offerings
- Project Lead The Way
- Teacher's Assistant Program
- Early College Credit Program
- Start College Now
- Youth Apprenticeship Program

ART DEPARTMENT 14-16

COMPUTER SCIENCE DEPARTMENT 17

BUSINESS & INFORMATION DEPARTMENT 18-20

ENGLISH/LANGUAGE ARTS DEPARTMENT 21-24

FAMILY & CONSUMER SCIENCE DEPARTMENT 25-27

MATHEMATICS DEPARTMENT 28-30

MUSIC DEPARTMENT 31-35

PHYSICAL EDUCATION & HEALTH DEPARTMENT 34-37

SCIENCE & AGRICULTURE DEPARTMENT 38-45

SOCIAL STUDIES DEPARTMENT 46-48

TECHNOLOGY EDUCATION DEPARTMENT 49-55

WORLD LANGUAGE DEPARTMENT 56-58

ACADEMIC & CAREER PLAN (ACP)

WHY DO I NEED A PLAN?

There are many choices you will need to make as you map out your 4-year high school plan. These choices will be influenced by your skills, interests, and knowledge when you enter high school as well as what you plan for a career after high school graduation. Colleges and technical schools have entrance requirements that you will want to consider when you decide which math, science, English, social studies, and other courses you will take at WDHS to fulfill your graduation requirements.

Remember, there is a difference between the graduation requirements to get out of high school, and the entrance requirements to get into a college or technical school (see University of Wisconsin System Admissions Requirements on page 6). By looking ahead, you can develop a plan that will ensure the courses you select will accomplish both goals! ***For admission requirements for specific colleges or technical schools, please see your counselor or visit the college's website.***

If you're not certain about your future, there is flexibility within your high school schedule to adjust your Academic & Career Plan, based on changes in your career plan. ACPs can be changed from year to year as you learn more about yourself and your abilities.

Regional Career Pathways

> The Wisconsin **Regional Career Pathways (RCP**) approach is a statewide effort to deliver high-quality career pathways in high schools that reflect the needs and vision of a regional collaborative group of employers, education, and economic and workforce development. Click here for more information: Regional Career Pathways

Below are specific RCP to WDHS:

- Agriculture, Food, & Natural Resources
- Education & Training *Coming Soon
- Hospitality, Culinary, & Tourism *Coming Soon
- Manufacturing *Coming Soon

GENERAL INFORMATION -- GLOSSARY OF TERMS

Post-High School Education: The formal education or training you receive after completing your high school diploma. Post high school education/training is usually attained through one of four ways:

1. One or two-year technical college: A program which earns a certificate, license, or a two-year associate degree. The entrance exam required in most cases is the ACCUPLACER Test.

2. Four-year college degree: bachelor's degree.

3. Military Service: Air Force, Army, Marines, National Guard, Navy, Coast Guard.

4. Apprenticeship Program: An earn-while-you-learn program of on-the-job training, plus some classroom instruction to master a specific skill (Electrician, Plumber, Sheet Metal Fabrication, Steam Fitter, HVAC, etc.).

Required Courses: Courses required by the state and Board of Education to complete the high school diploma.

Elective Courses: Courses students select from a list of available offerings. Students must earn elective credits as part of the graduation requirements. This means each student can select courses of his or her choice to complete this part of their schedule. Elective courses provide an excellent opportunity for students to explore their interests, develop special talents and investigate career options.

Xello: An internet-based career information program. This program offers information on various careers and occupations, job outlook, pay scales, recommended high school courses, post-secondary institutions, and their programs of study. Parents as well as students are encouraged to make use of this program. This program is accessible to all WDHS students.

Course Description Terminology: After many of the course titles you will see the following acronyms:

(L - #): Laude Grading System – successful completion of these classes earns Laude points **(- # of points).**
(DE): Dual Enrollment – courses marked as "DE" earn credit for both high school and college.
($$): FACS, Tech Ed, Band, & Chorus – some courses have a fee associated with it.

WISCONSIN DELLS HIGH SCHOOL GRADUATION REQUIREMENTS

Curricular Areas:	Credits:
English	4.0
Social Studies	3.0
Mathematics	3.0
Science	3.0
Physical Education	1.5
Health	0.5
Personal Finance	0.5
Freshman Extension	0.5
Additional Credits	10.0
TOTAL CREDITS REQUIRED	**26.0**

Graduation Non-Credit Requirement

Wisconsin State Civics Exam - Any students graduating from a Wisconsin high school takes a civics exam comprised of 100 questions that are identical to the 100 questions that may be asked of an individual during the process of applying for U.S. citizenship by the United States Citizenship and Immigration Services and the pupil correctly answers at least **65** of those questions (Wis. Stat. sec. 118.33(1m) (a)1, Section 3266R).

UNIVERSITY OF WISCONSIN SYSTEM

Admission Requirements

1. All UW System institutions require a minimum of **17 high school credits distributed as follows:**

I. Core College Preparatory Credits ***13 Credits***

English	4 Credits
Math (Algebra, Geometry & Above)	3 Credits
Social Science	3 Credits
Natural Science	3 Credits

II. Elective Credits ***4 Credits***

Chosen from the above core college preparatory areas, world language, fine arts, computer science, and other academic areas. Some UW institutions may also accept career and technical education courses for some of these four elective credits.

TOTAL - - ***17 Credits***

2. Admission to a UW System school is determined by successful completion of the above academic credit requirements **PLUS** course rigor and writing ability.

3. Each UW System school has its own set of admission policies. It is the student's responsibility to take the appropriate courses.

HIGH SCHOOL AND POST HIGH SCHOOL PLANNING GUIDELINES

A thorough examination of the Course Request Form and offerings by the student and parent/guardian is essential in making decisions about course selections. Decisions regarding course selections will be made utilizing school district assessment data, state assessment data, student's interests, strengths, career goals, and graduation requirements. The school counselor and teachers will assist students and parents/guardians in this important process.

Students may not register for a course in which they do not meet the prerequisites.

GRADE LEVEL REQUIREMENTS

Freshman Year:

English: English 9	1.0 credit
Social Studies: U.S. History	1.0 credit
Science: Biology	1.0 credit
Math	1.0 credit
Health	0.5 credit
Freshman Extension	0.5 credit
Physical Education: Fitness for Life, Personal Weight Training/Fitness or Athletic Development	0.5 credit

Sophomore Year:

English: English 10 or AP Prep English 10	1.0 credit
Social Studies: World History or AP World History	1.0 credit
Science	1.0 credit
Math	1.0 credit
Physical Education: (may be taken sophomore, junior or senior year)	0.5 credit

Junior Year:

English: English 11, Junior Literature & Composition or AP Language & Composition	1.0 credit
Social Studies: Civics (may be taken junior or senior year)	0.5 credit
Science	1.0 credit
Math	1.0 credit
Physical Education: (may be taken sophomore, junior or senior year)	0.5 credit
Personal Finance (may be taken junior or senior year)	0.5 credit

Senior Year:

English: English 12, Senior Literature & Composition, Ap Language & Composition or AP Literature & Composition	1.0 credit
Social Studies: Civics (may be taken junior or senior year)	0.5 credit
Physical Education: (may be taken sophomore, junior or senior year)	0.5 credit
Personal Finance (may be taken junior or senior year)	0.5 credit

IMPORTANT INFORMATION ABOUT SCHEDULING

STUDENT CLASSIFICATION

High school students are classified based on the number of years spent in high school. This will enable tracking of students in the district to correspond with the Wisconsin Student Locator and Individual Student Enrollment Systems. Students in their first year of high school are classified as 9th graders or freshmen. Students in their second year of high school are classified as 10th graders or sophomores. Students in their third year of high school are classified as 11th graders or juniors. Students in the fourth or more year of high school are classified as 12th graders or seniors.

EARLY GRADUATION

Seniors who will have earned sufficient credits in grades 9-12 and have met all graduation requirements by the end of the first semester of their senior year may request early graduation. **Eligible students wishing to pursue this option must request it through their counselor by May 1 of their junior year.**

CLASS LOAD

Based upon student skills, abilities and career interests, students in grades 9 - 12 will register for seven (7) or eight (8) credits each year.

CLASS SCHEDULE CHANGES

Course registrations are final. Therefore, students should not enroll in a course with the idea that if they do not like the class or the teacher, they will drop it. Students will receive a scheduling orientation at school and will be advised to take materials home to discuss their choices with parents/guardians.

When a student creates his/her schedule, he/she is committed to complete that obligation. No dropping or adding of classes after the set and advertised drop/add period, which typically concludes on the last day of school, will be allowed except for the following reasons:

a. School error was made on the schedule.
b. A student fails a prerequisite course and is not eligible for the class.
c. Graduation is in jeopardy.
d. In case of extenuating circumstances including health, injury, or misplacement, change can be considered with a parent conference.

Principal approval is required for anyone wishing to request a schedule change after the add/drop period has expired and must meet one of the above reasons.

ADDITIONAL PROGRAM OFFERINGS

Additional credit opportunities from colleges are available for students while also earning high school credit. Each program has its own eligibility criteria, guidelines, and procedures. See your counselor for more information. Registration for additional credit opportunities is subject to approval by the principal, counselor, teacher, and parent/guardian.

ADVANCED PLACEMENT COURSES

Grades: 10 – 12

Wisconsin Dells High School Advanced Placement (AP) $ courses give students the opportunity to pursue college level studies while attending Wisconsin Dells High School. Students learn a subject area in-depth and become involved with a more challenging academic program. AP courses offer students rigorous curriculum with problem solving and discussion as a focal point. Higher order thinking skills with analysis, judgment, and synthesis are taught and applied to classroom learning. In addition, students are expected to take the AP exam designed by The College Board and administered at our high school in May. Students may be eligible to receive advanced placement in college and/or college credit. Students are assessed a fee for AP exams by the College Board.

Wisconsin Dells High School offers the following AP courses:

Math	English	History	Science	Music
• AP Calculus AB • AP Statistics • AP Computer Science • AP Computer Science A (Java)	• AP Language and Composition • AP Literature and Composition	• AP U.S. History • AP World History	• AP Biology • AP Chemistry	• AP Music Theory

The following regulations must be fully understood by the student and accepted by the parents/guardians if the student is to be enrolled in an AP course:

- AP students can expect 60 minutes of homework per AP course per day.
- Students are expected to take the AP exam for the course. The course is paced to finish material before the exam date.
- The student should consult with the instructor concerning the necessity to purchase additional books and materials.
- Requests for more than two AP classes will be considered based upon past academic performance and permission from the principal.
- **Principal approval is required for anyone wishing to drop an AP course and must submit their request before the end of the first semester.**

FAQ's

How do I earn college credit from AP courses? Each college has different requirements; students may be eligible to receive advanced placement in college and/or college credit. Earning only a 1 or 2 on the exam will NOT earn recognition. You must earn at least a 3.

DUAL ENROLLMENT COURSE OFFERINGS

Grades: 9 – 12

Wisconsin Dells High School Dual Enrolment (DE) – Dual Enrollment courses give students the opportunity to access a technical college education while attending Wisconsin Dells High School. This helps prepare students for the rigor of postsecondary education and reduces the overall cost of a college education. The credits students earn are free of charge and—in some cases—may even transfer to other Wisconsin technical colleges or four-year colleges. There is no cost to the students.

Laude point awarded with proof of a passing grade from the technical college

Wisconsin Dells High School offers the following dual enrollment courses:

Madison College (MATC)	Fox Valley Technical College	Mid-State Technical College
• Advanced Microsoft Essentials • Advanced Accounting • Exploring Hospitality • Basic SMAW • Basic GMAW • Fundamentals of Construction • Advanced Woodworking for Manufacturing & Construction	• Nutrition for Culinary Arts • Intro to Food Production	• Advanced Animal Science • Plant Science • Natural Resources

FAQ's

What is a DE course? A course taught at the high school by a high school instructor certified by a technical college to teach the course. Dual Enrollment courses are taught using the technical college's curriculum, learning competencies, grading policy, and textbook(s). Successful completion earns students both high school and college credit at the technical college and likely other colleges through transfer credit.

Are DE courses really free? Yes! Thanks to a special partnership with local school districts, the Dual Enrollment program allows technical colleges to offer high school students this opportunity to earn college credits free of tuition and book costs.

Why take DE courses? College costs add up quickly. With Dual Enrollment, students can get a head start on their college education by earning college credits free of tuition and fees. This not only saves money but also helps you speed up the time to degree completion once students get to college. In short, Dual Enrollment means a student can save money on college, get their degree faster, and start earning their starting career salary sooner!

I don't plan to attend a technical college; does it make sense to take a DE course? Absolutely. One of the advantages of Dual Enrollment is that many of the courses transfer to other colleges, particularly to other Wisconsin technical colleges. Some courses may also transfer to a four-year college. You can utilize Transferology to get an idea of how credits may be used. Even if the course does not satisfy a particular degree requirement at your college, there's a good chance it will count toward an elective or general education requirement.

What grade is needed in a DE course in order to receive credit at a technical college? A grade of a C or higher using that technical college's grading system is required to earn credit at a technical college.

PROJECT LEAD THE WAY

PLTW Science Courses
Grades: 10 – 12

Wisconsin Dells High School PLTW courses give students the opportunity to pursue college level studies while attending Wisconsin Dells High School. Students learn a subject area in-depth and become involved with a more challenging academic program. PLTW courses offer students hands-on style curriculum with problem solving through lab work and discovery. Higher order thinking skills with analysis, judgment, and synthesis are taught and applied to classroom learning. In addition, students will take the EOC Exam that is administered at our high school in May. Students may be eligible to receive college credit based on their individual test scores and college of choice. Some colleges recognize the class as a science course while others will recognize it as an elective course. There is no cost to the students.

Wisconsin Dells High School offers the following PLTW courses:

Science
- Principles of Biomedical Science (PBS)
- Human Body Systems (HBS)

FAQs

Do I need to be self-motivated to take PLTW courses? Yes! These classes are lab focused and taught at a college rigor level.

Are PLTW courses really free? Yes! You do not need to pay for the test.

TEACHER'S ASSISTANT PROGRAM

Grades: 11 – 12
Prerequisite: Consent of Instructor and Principal Approval
.5 Credit

This course is offered to students interested in serving as an assistant for a teacher. The teacher must initiate this placement. Class will be graded on a pass/fail basis; the credit will not count toward grade point average. Students must have 90% high school attendance as well as a 3.0 GPA. The teacher requesting an assistant must have on file with the principal a syllabus that includes a list of criteria, expectations, and responsibilities for the assistants in that area. The syllabus must be turned in before the scheduling process begins.

EARLY COLLEGE CREDIT PROGRAM (ECCP) – 4-YEAR NON-PROFIT WI INSTITUTION PROGRAM

Grades: 9 – 12

START COLLEGE NOW (SCN) – TECHNICAL COLLEGE PROGRAM

Grades: **11 – 12**

Under the ECCP or SCN program approved by state statute, high school students may request to enroll in a 4-year non-profit WI institution or a technical college to take courses for high school credit. To be approved, the course(s) must not be comparable to courses offered at our high school. One college credit is equal to .25 high school credit. ECCP and SCN are pass/fail courses at the high school level with grades and transcripts coming from the post-secondary institution. Students wishing to participate in the ECCP or SCN programs must apply through the Counseling Office by **March 1** to be considered for the fall semester and **October 1** to be considered for the spring semester.

SCN Popular Courses:
*Nursing Assistant - Madison College
*Firefighter 1 - Madison College
*Medical Terminology - Madison College
****Please refer to the Madison College catalog or work with your counselor for more SCN offerings.**

Youth Apprenticeship

Grades: 11 – 12
Requirements: approved job placement, junior or senior status, at least 2 semesters of related instruction
Credits: 1 or 2

The Youth Apprenticeship Program is overseen by the Wisconsin Department of Workforce Development (DWD).

This is a school-based program coordinated by Cooperative Education Service Agency 5 and facilitated through the youth apprenticeship coordinator for Wisconsin Dells High School students. Students have the opportunity to get paid on-the-job experiences while maintaining full-time student status.

Why Youth Apprenticeship?

Youth Apprenticeship allows you to explore career interests while earning WDHS credits **and** getting paid. Completion of the program earns students a **State-Issued Skill Certificate** from the **Wisconsin Department of Workforce Development**. This certificate can also be used on your resume when applying for jobs or internships.

During the apprenticeship, you will be **required take related courses at WDHS** and apply concepts to on-the-job experience. This opportunity is a privilege to students committed to furthering education within career fields**. In addition to concurrent coursework, you will be required to meet deadlines regularly including**:

- Regular weekly written work-reflections or assignments
- Contact between YA coordinator & employer
- Cumulative quarterly reports
- Summative projects if continuing to Year 2

Youth Apprenticeship Myths:

YA is only for the Trades - FALSE

- While, yes there are YA opportunities in construction, mechanics, and manufacturing, YA opportunities exist in 13 occupational programs, each with multiple pathways to choose from.

YA is only for students going to Technical College or Four-Year Colleges don't care about YA - FALSE

- Universities, scholarships, and employers recognize YA during the application process

There's no point if I'm not leaving school - FALSE

- DWD issues a State Skills Certificate upon successful completion of the YA program
- Future internship opportunities will also look at this certification favorably

If I do YA then I MUST pursue that career after high school- FALSE

- While often the case, YA is a chance to experience career paths to determine whether you'd like to explore the career or education further.
- If you choose a different direction after high school, that is totally OK.

YA means you must leave school during the day - FALSE

- *Some* students are allowed to leave WDHS during the school day to report to their jobs.
- **You can still participate in Youth Apprenticeship by working *outside* of the school day**.

YA is free time off school - FALSE

- To be eligible for release during the school day, employers must provide regularly scheduled hours during the time excused.

- YA courses requirements, each period release is worth one elective credit towards WDHS graduation.

YA students can't participate in Sports/Clubs - FALSE

- Many past employers work with students to create schedules that allow students to fully participate in high school life *while* maintaining employment throughout the school year.

PRE- Youth Apprenticeship at WDHS:

- Successfully complete grade-level WDHS graduation requirements
- Maintain regular attendance
- Explore YA pathway areas by taking introductory-level courses
- Begin considering possible employers
- If you are already employed, see if your current job fits into one of the paths

Note: Slide Attendant, Lifeguards, Cashiers/Ticket Sales do NOT fall into a pathway ***BUT*** your employer may offer opportunities such as ***Front Desk, Housekeeping, Merchandising or Sales***

How to Get Started in Youth Apprenticeship at WDHS:

- TALK WITH YOUR PARENTS/GUARDIANS about this opportunity
- Sign up for courses required for you to graduate
- Sign up for at least **1 full credit** of the courses offered at WDHS that **relate to the pathway**
- Create a schedule indicating **Youth Apprenticeship *specifying* Program Pathway**
    - Once securing employment – each period **you are at your job site** will count for 1 elective credit towards graduation

It is YOUR responsibility to find employment. Our youth apprenticeship coordinator can help give you leads and contacts. It is recommended that you use upcoming school breaks to explore opportunities and talk to potential employers. WDHS serves as an intermediary between the potential employer and interested students. Students must still successfully complete employer-specific applications, background checks, interview and hiring processes. If you are leaving *during the school day* - **You will be responsible for your own transportation to/from your job site.**

Programs and Pathways

Indicates WDHS's most popular Pathways

Agriculture, Food & Natural Resources

Animal Fundamentals, Animal Herd, Dairy Grazier, Small Animal/Veterinary Technician
Plant Fundamentals, Crops, Floral/Greenhouse, Landscaping
Arborist, Environmental Systems: Water Resources, ***Agricultural Mechanic Technician***

Architecture and Construction

Architectural Drafting & Planning, ***Carpentry***, Masonry/Concrete Fundamentals, Heavy Equipment Operator & Operating Engineer
Electrical Fundamentals, Mechanical/HVAC, Gas Distribution, ***Plumber & Sprinkler Fitter Fundamentals***, Utilities Field Technician

Arts, Audio Visual (AV) Technology and Communications

Graphic Design, Media Broadcast Technician, Pre-Press Operator, Press & Post-Press Operator

Business and Finance

****Administrative Professional****, Human Resource Professional, ****Banking****, Insurance

Education

Early Childhood Education, School Age Education

Marketing

Marketing Communications, Marketing Management/Leadership, Marketing Research/Competitive Intelligence,

****Merchandising****, ****Professional Sales****

Health Science

Medical Assistant, Medical Imaging, Medical Laboratory Assistant, Optical Assistant, Phlebotomist, Physical Therapy Aide,

****Resident Aide****, Medical Office, Dietary Aide, Dental Assistant, Pharmacy Technician, ****Nursing Assistant****

Hospitality and Tourism

****Lodging****, **Meetings & Events**, ****Food and Beverage Service****

Information Technology

IT Essentials, IT Network Systems, IT Software & Application Development, Broadband Technician

Manufacturing

****Welding****, Assembly & Packaging, Electromechanical/Mechatronics, Industrial Equipment, Machining, Manufacturing Processes, Production Operations,

Transportation, Distribution and Logistics

****Automotive Technician****, Collision Repair, Diesel Technician

Supply Chain Assistant, Distribution & Transportation Operations, Inventory Management, Planning & Purchasing, Storage & Ware

Aviation Maintenance Fundamentals, Airframe & Powerplant, Airport Operations Management, Avionics Technician

STEM (Science Technology Engineering Math)

Bioscience Applications, Bioscience Lab Foundations

Engineering Drafting, Civil Engineering, Mechanical/Electrical Engineering

ART DEPARTMENT



The WDHS Art Department is committed to the total educational growth and development of the individual. Art education is a discipline, sharing equal emphasis with other disciplines in the school curriculum, and an important factor in the general learning process. As part of this process, art balances the curriculum to develop the whole intellect.

Our students will learn in an environment of free expression, opportunity, and discipline. Their individualities and abilities will be recognized, respected, and nurtured. They will be given the guidance to perceive beauty, give imaginative expression to their emotions, and appreciate the creations and individuality of others. Our goal is to foster and promote the following qualities:

- Conceptual understanding
- Aesthetic values
- Creative behavior
- Craftsmanship and value of work
- Understanding the content of art
- Understanding of oneself
- Awareness of art-related career opportunities
- Awareness of art history

All courses will lead students to participation in the South-Central Conference Art Show, held each year in the Spring. This annual show highlights student work from all the schools in the South-Central Conference. This is an incredible honor for conference art students. Student participants will have the opportunity to participate in the Art Show banquet and possibly earn All-Conference recognition.

Introduction To 2D Art — ART2D

Grades: 9 – 12
.5 Credit

Introduction to 2D Art introduces students to two-dimensional art media and concepts. In this course, students will learn to work with pencil, colored pencil, charcoal, soft pastel, pen and ink, and watercolor. With these media, students will explore the elements of drawing, two-dimensional space and concepts emphasizing personal expression and open-ended problem solving. Six famous artists and the art history movements, Impressionism and Post Impressionism, will be studied. This will shed insight on fine art as a profession and the artist in society. Students will take notes and be required to write papers and essays pertaining to the content of this class. Work can be retained for exhibition in the SCC Art Show.

Drawing & Painting 1 — ARTDP1

Grades: 10 – 12
Prerequisite: Introduction To 2D Art
.5 Credit

Drawing & Painting 1 will provide a variety of artistic experiences expanding on the elements and techniques covered in 2D Art. While it echoes some of the material presented in 2D Art, it is intended for the student who chooses to pursue two-dimensional art in more depth. Students will experiment with watercolor, acrylic paint, colored pencil, oil pastel, and charcoal. Proportions of the human body will be studied in a life-drawing unit. Students will study 20th century art movements and complete a research paper, presentation and other written work pertaining to this art history. Work may be retained for exhibit in the SCC Art Show.

Drawing & Painting 2 (offered with Drawing & Painting 1) ARTDP2

Grades: 10 – 12
Prerequisite: Drawing/Painting 1
.5 Credit

Drawing and Painting 2 is a more independent version of Drawing and Painting 1. Students will help design problems to solve using drawing and painting materials. They will research one major art movement and artist per term about whom they will present a written and oral presentation. This is an advanced drawing course requiring self-motivated, hardworking students who are not hesitant to invest out of class time on projects. This class is offered simultaneously with Drawing and Painting 1 unless there are enough students to offer the class on its own. Work may be retained for exhibit in the SCC Art Show.

Ceramics 1 ARTC

Grades: 9 – 12
.5 Credit

Ceramics 1 is designed to introduce students to a variety of three-dimensional concepts. Clay will be formed in a variety of methods including pinching, coiling, slab building, extruding, and throwing. Several different finishing techniques will also be covered, as well as the characteristics and stages in preparing and firing clay bodies. This class will help build critical and creative thinking skills. Note taking, researching, and writing skills will also be developed and used. Work may be retained for exhibit in the SCC Art Show.

Ceramics 2 ARTC2

Grades: 10 – 12
Prerequisite: Ceramics 1
.5 Credit

Ceramics 2 will provide the advanced ceramic student with experiences expanding on the skills taught in Ceramics 1. Students will be encouraged to develop more independent thinking and working skills. Advanced ceramics methods will be introduced, including mold making, constructing with multiple thrown parts, pulling handles, building large sculptures, etc. The history of ceramics and ceramic artists will be studied and researched to promote a historical perspective of this medium. Writing, researching, critical thinking and aesthetic sensibilities will be developed through the study of ceramics. Work may be retained for exhibit in the SCC Art Show.

Ceramics 3 (Offered with Ceramics 2) ARTC3

Grades: 11 – 12
Prerequisite: Ceramics 2
.5 Credit

Ceramics 3 is an advanced independent section of ceramics offered to highly independent and motivated students. It is an organized independent study course designed to allow advanced students to experiment with materials, help design their own curriculum and further explore ceramic materials. Work may be retained for exhibit in the SCC Art Show.

Native American Art & Culture ARNA

Grades: 9 – 12
.5 Credit
Class can be repeated for credit

This is an introductory art course in which students will work with many natural materials. The class focuses on the development of the whole individual through the investigation of indigenous philosophies. Indigenous community members will be storytelling and teaching as visiting lecturers. Through this non-traditional art course, we will see how creating has always been part of the human experience. Possible materials/projects include cattails and traditional plaiting techniques, pottery made using traditional techniques, gathering of river clay, construction of baskets, porcupine quillwork beadwork. Project selection will depend on student interest and supply availability.

Sculpture (offered with Ceramics 3 in 2026-27 & every other year) ARTS

Grades: 10 – 12
Prerequisite: Ceramics 1
.5 Credit

Sculpture will take students through a variety of sculpture techniques and concepts. Students will work sculpting plaster, clay, paper, stained glass, found objects and metals. This is an advanced art course that requires focus, concentration, and conceptual thinking skills. A strong three-dimensional background is recommended. Students will also study, research and write about famous sculptors from the pages of art history. Work may be retained for exhibit in the SCC Art Show.

Computer Graphics ARTCG

Grades: 9 – 12
.5 Credit

Computer Graphics is an introductory course in electronic design, illustrations, photo retouch and manipulation, and publishing using a personal computer and peripherals. Students will be introduced to the possibilities and applications of computer-aided graphic design. Students will create graphic layouts using software applications such as raster programs (Adobe Photoshop) and vector programs (Adobe Illustrator).

Computer Art ARTCMP

Grades: 10 – 12
Prerequisites: Introduction to 2D Art and Computer Graphics
.5 Credit

This class combines the technical skills of Computer Graphics with the aesthetic concerns of Introduction to 2D Art. Students will create original computer-generated compositions. Graphic Design as visual communication and fine art will be studied using a variety of methods and applied using a variety of computer programs. Successful graphic artists will be studied and researched. Access to a digital camera is required.

***Completion of Introduction to 2D Art, Computer Graphics, and Computer Art prepares you to become an Adobe Certified Professional in Graphic Design & Illustration Using Adobe Illustrator and/or Visual Design using Adobe Photoshop. Adobe Professional Certification requires successful completion of an on-line exam.**

COMPUTER SCIENCE DEPARTMENT

AP Computer Science Principles (L – 1.0) (0.25 for S1, 0.25 for S2, 0.5 for taking the AP exam)

Grades: 9 – 12
Prerequisite: Algebra 1
1 Credit

This course introduces students to the foundational concepts of computer science and explores the impact computing and technology have on our society. Students will learn programming through block-based coding and Python programming language.

AP Computer Science A (Java) (L – 1.0) (0.25 for S1, 0.25 for S2, 0.5 for taking the AP exam)

Grades: 10 – 12
Prerequisite: AP Computer Science Principles
1 Credit

The AP Computer Science A course continues the exploration into computer science with fundamental topics that include object-oriented and imperative problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing.

BUSINESS & INFORMATION TECHNOLOGY DEPARTMENT

Business Education includes courses and activities concerned with two major areas: to offer general business knowledge to students for personal use as a consumer and citizen in today's complex society; and provide specialized education for those students wishing to pursue business employment or to continue on for advanced study.

Foundations of Business

Grades: 9 – 12
.5 Credit

This course will provide students the chance to explore many of the different areas of business offered at the high school level. Students will be able to build their basic foundational knowledge and skills across the subject of business to help them succeed in future business endeavors. Students will explore topics such as entrepreneurship, economics, accounting, management, marketing, and other important business principles. At the conclusion of this course students will have the ability to grow their future career in a variety of fields and have a more complete picture of how the world interacts with business.

Law and Business

Grades: 11 – 12
.5 Credit

This course provides students with an opportunity to learn about the legal system. Students will study contract law, learn some of their own legal rights as a consumer, explore ethics and social responsibility, and participate in a mock legal trial. Students will be faced with ethical dilemmas and violations, and how those choices affect the business, employees, and consumers. This course will help students discover the world of law, as well as ask students to reflect upon their own values to help them understand the social responsibilities that businesses hold. Students looking to explore law, debate ethical decisions, grow their business knowledge, and learn more about their legal rights will benefit from this course.

Microsoft Essentials **BUME**

Grades: 9 – 12
.5 Credit

This course serves as an introduction to Microsoft Word, Excel, and PowerPoint. Students will learn how to create, manage, and share professional-looking documents using the Microsoft Office Suite. Professional documents incorporating word processing skills, spreadsheet creation, and management and presentation aides will be created. This course will provide students with an introduction to the basic skills and knowledge necessary to create electronic products throughout their high school career as well as at the college level and in the workplace.

Advanced Microsoft Essentials (DE) (L – 0.5) BUMEA

Grades: 9 – 12
Prerequisite: Microsoft Essentials
.5 Credit
***Dual Enrollment with Madison College for 4 college credits**
Madison College Course Names: Excel Beginning, Word, PowerPoint and Access

This course provides students the opportunity to expand their knowledge and skills in using the Microsoft Office Suite's programs of Word, Excel, Access, PowerPoint and Publisher. Students will extend their knowledge of these programs to create college-level research papers, business spreadsheets, multimedia presentations, and database reports. This course will provide students with the skills and knowledge necessary to create electronic products throughout their high school career as well as at the college level and in the workplace.

Essentials of Entrepreneurship BUENT

Grades: 9 – 12
.5 Credit

This class is designed to teach students the inner workings and skills necessary for owning, opening, and operating a small business. Students will discover what it takes to be an entrepreneur and how to recognize opportunity. Over two-thirds of all businesses in the U.S. are small and employ most of our working population. Students will be challenged to conduct research, make decisions, and be creative while they learn how to create a new business. Many topics will be explored through the Pizza Entrepreneur Series.

Accounting BUACCT

Grades: 10 – 12
Prerequisite: Algebra 1
1 Credit

The objectives of this course are to develop an understanding of accounting within the operation of a service business. It will create a foundation of accounting knowledge in accordance with GAAP. Students will complete the Accounting Cycle including transaction analysis and financial statement creation and interpretation. This course is taught at an *introductory* level. Students pursuing post-secondary education in Accounting, or any Business discipline will definitely benefit from this course.

Advanced Accounting (DE) (L – 1.0) BUACC2

Grades: 11 – 12
Prerequisite: Accounting
1 Credit
***Dual Enrollment with Madison College for 4 college credits**
Madison College Course Name: Accounting 1 - Principles

This course is a continuation of the introduction to the field of accounting. The accounting cycle of journalizing transactions, posting, adjusting, and closing entries, as well as the preparation of accounting statements, is emphasized for service industries and merchandising concerns. Students will also learn the difference between perpetual and periodic inventories as well as account for financing techniques.

Personal Finance **BUP**

Grades: 11 – 12
.5 Credit
Required

Personal Finance extends beyond financial literacy and in the overarching touchstone of preparation for **financial independence**, defined as "the ability to take care of yourself financially, and others, if that is important to you, in a sustainable lifestyle that is comfortable and enjoyable." This ideology is rooted in WI DPI Model Academic Standards. The course is broken down into four essential components: financial mindset, planning and contracts; employment, benefits, and financial buffers including retirement planning and insurance; financial institutions and tools including payment methods and access; and credit and debt including history, usage, and identity theft.

Business Enterprise **BUSPEM**

Grades: 10 – 12
Prerequisite: Essentials of Entrepreneurship
.5 Credit

This course is the next step in expanding a student's knowledge as an entrepreneur. The focus of this course shifts from developing a business to managing, marketing, and financial stability of a business. Throughout the length of the course students will work with multiple different business principles including but not limited to management, marketing, sales, and human resources. Students will develop skills in the areas of facility design, merchandising, advertising, pricing, staffing, consumer satisfaction and career opportunities as they relate to the Business industry.

ENGLISH / LANGUAGE ARTS DEPARTMENT

English classes are designed to address:

- The elevated requirements of the Common Core State Standards for college and career readiness.
- Higher order thinking skills for all students through the application of reading, writing, and speaking.

English 9 — EN09

Grade: 9
1 Credit

English 9 will integrate short stories, poetry, novels, dramatic literature, and nonfiction sources. It will concentrate on writing, reading analysis, speaking/listening, and mechanics. The composition studies center around reviewing mechanics and usage, writing personal, informative, and argumentative essays, and incorporating MLA format. Students will learn a variety of literary terms they will use in analyzing different genres. A variety of shorter writing experiences will be integrated throughout the year.

English 10 — EN10

Grade: 10
Prerequisite: English 9
1 Credit

English 10 will integrate short stories, poetry, novels, dramatic literature, and nonfiction sources. It will concentrate on writing, reading analysis, speaking/listening, and mechanics. The composition studies center around reviewing mechanics and usage, writing personal, informative, and argumentative essays, and incorporating MLA format. Students will learn a variety of literary terms that they will use in their analysis of the differing genres. A variety of shorter writing experiences will be integrated throughout the year.

AP Prep English 10 (L – 0.5) — ENAP10

Grade: 10
Prerequisite: English 9
1 Credit

AP Prep English 10 is designed to prepare students for the AP Track. The literature portion focuses on extending students' literary analysis skills by reading and analyzing a variety of literature including novels, drama, short stories, nonfiction, and poetry. The composition work will help students develop their writing skills by providing a variety of opportunities including reviewing correct usage and sentence structure, topic sentence/paragraph writing, and the longer researched-based assignments. This class is designed to prepare students for AP Language and Composition.

English 11 EN11

Grade: 11
Prerequisite: English 10 or AP Prep English 10
1 Credit

English 11 will integrate short stories, poetry, novels, dramatic literature, and nonfiction sources. It will concentrate on writing, reading analysis, speaking/listening, vocabulary, and mechanics. The composition work will include reviewing mechanics and usage, writing personal, informative, and argumentative essays, and incorporating MLA format. Students will learn a variety of literary terms they will use in analyzing different genres. The focus will be on contemporary literature and related themes. A variety of writing experiences will be integrated throughout the year.

Junior Literature and Composition ENJRLC

Grade: 11
Prerequisite: English 10 or AP Prep English 10
1 Credit

Junior Literature and Composition is a rigorous chronological study of American literature and advanced expository and persuasive composition. Students will read American novels, short stories, poetry, drama, and nonfiction as a survey of the American experience. The course acquaints students with their cultural heritage through a study of America's literary artists and the movements of literature. Students will also have the opportunity to adapt their personal writing styles for specific audiences and purposes while refining their revising, editing, and proofreading skills. There is an extensive ACT English, Reading, and Writing tutorial that will be assessed.

English 12 ENG12

Grade: 12
Prerequisite: English 11 or Junior Literature and Composition
1 Credit

English 12 is a standards-based comprehensive survey of short stories, poetry, novels, dramatic literature, and nonfiction sources, which integrates personal, narrative, and informative writing, reading analysis, speaking/listening, and vocabulary. This course is designed for students who are career-bound after high school.

Senior Literature and Composition ENSRLI

Grade: 12
Prerequisite: English 11 or Junior Literature and Composition
1 Credit

Senior Literature and Composition will explore a variety of classic and contemporary texts that will give students a solid foundation in analyzing and supporting opinions with text. Students will gain an understanding of the various movements of literature and how historical context plays a role in establishing themes. Writing and speaking assignments will require advanced critical thinking skills. Compositions will focus on analysis of the texts and the application of vocabulary and various sentence structures. In addition, students will write a research paper in preparation for college-level writing projects. Mastery of literary terms and their application will be emphasized. This course is designed for the college-bound student.

AP Language and Composition (L – 1.0) (0.25 for S1, 0.25 for S2, 0.5 for taking the AP exam)

Grades: 11 – 12
Prerequisite: English 10 or AP Prep English 10
1 Credit

The AP English Language and Composition course prepares students to take the AP Language and Composition Exam. Through a curriculum composed of advanced writing theory combined with a wide sampling of gifted authors, students develop an awareness of rhetorical devices, learn how to tailor their communication for appeal to the audience, and apply their word craft to write for a variety of purposes. As this course is designed to incorporate the skills taught in an elementary college writing course, emphasis is placed on the decoding of challenging texts for content and technique, the use of textural support to drive the development of written arguments, and the role levels of diction, syntactic structures, and the connotative use language plays in creating effective text. Students who wish to earn Advanced Placement credit should take the national AP exam in May.

AP Literature and Composition (L – 1.0) (0.25 for S1, 0.25 for S2, 0.5 for taking the AP exam)

Grade: 12
Prerequisite: AP Language and Composition or consent of the instructor
1 Credit

This course includes a study of writing style, the structure and variety of sentences, diction, rhetorical strategies, modes of discourse, and appropriate relationships among author, audience, and subject. In addition, students read various examples of world literature from several genres and periods. In addition to increasing their ability to analyze an individual literary work in terms of character, language, setting, and themes, students will evaluate structure, meaning, value and the relationship of the work to contemporary experience, as well as to the time in which the work was written. This course is equivalent to the first-year English course in college. Students who wish to earn Advanced Placement credit should take the national AP exam in May.

ENGLISH ELECTIVES

Publications - Yearbook ENPUB

Grades: 9 – 12
Prerequisite: This course requires an application and approval from an advisor.
1 Credit
Class can be repeated for credit

Students in this class will be members of the yearbook staff and produce the High School Yearbook using the web-based program "Yearbook Avenue." This is a rewarding class with a final product that many people in the school and community will appreciate. Successful students will possess or be willing to work towards good people skills including communication, teamwork, and listening, as well as real-world skills such as goal setting, problem-solving, accountability, organization, and time management. Yearbook staff are expected to write, take, and caption photos, contribute creative design ideas, and commit to making the yearbook the best it can be. Leadership positions are available for returning publication students.

Creative Writing

Grades: 10 – 12
.5 Credit
Class can be repeated for credit

Creative Writing is an elective course (which means that it will not count as one of the four required English credits for graduation) in which students will explore various narrative genres to discover strengths in their creative thinking and writing. Students will read, critique, and compose original fiction and creative non-fiction in the form of short stories, poetry, scripts, and screenplays. Students will be encouraged to experiment with authorial license and creative structures to develop their own sense of style, voice, and technique. Additionally, students will be asked to engage in the process of workshop: pre-writing, multiple drafts, peer editing, and publishing. The class will also cover the process of publishing, and students will be encouraged to submit their work for contests and various publications as they grow their portfolios.



FAMILY & CONSUMER SCIENCE DEPARTMENT

Family and Consumer Science curriculum provides educational opportunities that enable young people to prepare for work within the family and community and to explore and prepare for careers relating to and benefiting both the family and community. The FACS programs include both a home component and a job component to best meet students' needs and interests. Course curriculums prepare students for occupations related to fashion and interior design, childcare, family and community services, culinary and restaurant management, and health care. Students can prepare for these careers in high school by enrolling in several Dual Enrollment courses and have the potential to earn up to 12-14 possible college credits, depending on the courses taken.

Child Development — FCDEV

Grades: 9 – 12
.5 Credit

This course is designed to help students realize what responsibilities are involved in the parenting role. Students will study the norms of childhood behavior and growth (physical, intellectual, emotional and social development) and investigate alternatives for child rearing and parenting. Other topics covered include child development theories/theorists, heredity versus environment, child development research, and brain development in early learning. Some hands-on activities include toy evaluation, fine and gross motor skill activities, and literacy projects. **This class is the first in the career pathway for Childcare Services.**

Health, Safety & Nutrition — FCCARE

Grades: 11 – 12
Prerequisite: Child Development and must be 17 years old by the end of the course
.5 Credit

This course studies the responsibilities of our society toward children. Included is the responsibility of families and industry to guide the individual development of children. The student will develop an understanding of children and their developmental needs. Students will work on a variety of certificate~~s~~ (Abusive Head Trauma, Mandatory Reporter and Healthy Bites) throughout the class. Students who successfully complete both child development and health, safety, and nutrition may earn their teacher aide certificate. This certificate is designed for individuals wanting to satisfy the state of Wisconsin entry-level requirements for Licenses Group Childcare Centers. Completion of the certificate places individuals at Registry Level 7.

Food for Life FCFCFL

Grades: 9 – 12
.5 Credit

An emphasis on healthy selection and preparation of foods is the focus of this class. The student will spend lab time preparing food using the microwave, wok, food processor, and conventional methods. The student will also learn about food fads and fallacies, nutrition, food choices, food literacy, and study the food regions and customs of the United States. **This is the first class in the food service pathway.**

Nutrition for Culinary Arts (DE) (L - 0.5) FCNCA

Grades: 11 – 12
Prerequisite: Food for Life
.5 Credit
***Dual Enrollment with Fox Valley Technical College (FVTC) - 1 credit**
Fox Valley Technical College Course Name: Nutrition for Culinary Arts

This course will place emphasis on healthy food selection and preparation for home and/or personal application. Advanced techniques in food application, preparation, and service will be taught. The fundamentals of the science of food and nutrition will be shared in the learning through labs, assignments, and other related experiences. **This is a second-class option for the food service pathway.**

Introduction to Food Production (DE) (L – 1.0) FCPS1

Grades: 11 – 12
Prerequisite: Food for Life and Nutrition for Culinary Arts
1 Credit
***Dual Enrollment with Fox Valley Technical College - 3 credits**
Fox Valley Technical College Course Name: Introduction to Food Production

The Introduction to Food Production program introduces high school juniors and seniors to careers in food service and teaches the basic skills and knowledge needed for success in the food service industry. Classroom experiences, as well as on-the-job training throughout the program, will give a student instruction in 25 subject areas, ranging from basic food prep, accounting, and sanitation. Students will also be able to complete the ServSafe® curriculum to be tested on as part of the ServSafe® Manager Industry Certification (every other year). **If a student receives this certification, they may also get 2 credits for Principles of Sanitation at Madison College and Fox Valley Technical College.**

Opportunities for culinary competitions and scholarships for college are also available to any student who is seriously interested in the food service industry. If you are ready for the challenge of culinary arts, please see the instructor before registering for these courses. **This is the final course in the food service pathway.**

Exploring Hospitality (DE) (L – 0.5) FCIHOS

Grades: 9 – 12
.5 Credit
***Dual Enrollment with Madison College for 3 credits**
Madison College Course Name: Exploring Hospitality
***Dual Enrollment with Fox Valley Technical College for 2 Credits**
Fox Valley Technical College Course Name: Tourism: A Community Approach

The course explores career opportunities within the hospitality and tourism services industry, focusing on the food service, lodging, travel/tourism, meeting management and recreation areas. Students will look at the historical and operational perspectives of the industry and be able to apply knowledge and learning to real-life experiences. It is suggested that those who take Intro to Hospitality also take Introduction to Food Production, though the courses need not be taken concurrently.

Interior Design FCINDB

Grades: 10 – 12
.5 Credit

Do you have an interest in housing or interior design? Explore today's housing alternatives, layout and design rooms and select furnishings and equipment. Possible field trips to nearby homes and businesses will illustrate the classroom instruction.

Introduction to Fashion $$ FCSTF

Grades: 9 – 12
.5 Credit

This class will introduce students to the basics of sewing and sewing equipment as well as the wonderful world of textiles used to make a variety of sewing projects. Students will develop skills by using a sewing machine and serger to make several personal projects throughout the semester. Projects are designed to teach the fundamentals of sewing first and then increase student abilities and skill levels with each succeeding project. Some projects will be assigned by the teacher and supplies will be provided. However, students may also choose their own projects of interest. **Students may be asked to provide fabric or notions to complete projects of their choice.**

Fashion Analysis $$ FCFASH

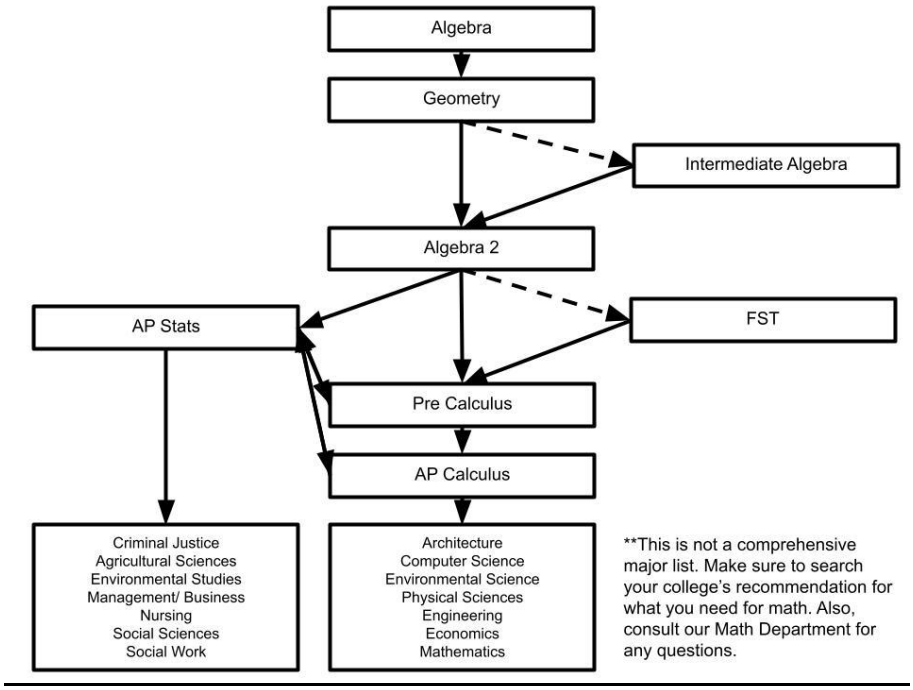
Grades: 11 – 12
Prerequisite: Introduction to Fashion or consent of the instructor
.5 Credit

This class will be an extension of introduction to fashion. It will require students to use more advanced sewing and pattern making skills. Students will have the option to choose projects that demonstrate depth of understanding. This class will also introduce students to more equipment, notions, and technology related to the fashion industry. **Students may be asked to provide fabric or notions to complete projects of their choice.**

MATHEMATICS DEPARTMENT

The mathematics curriculum allows students to gain necessary mathematical skills that can be used in a wide variety of applications. The curriculum provides a foundation for future educational and vocational options. **Any high school mathematics course taken by a middle school student does not qualify as a high school graduation requirement.**

Wisconsin Dells Mathematics Curriculum Pathway:



Algebra 1 MAA1

Grades: 9 – 12
1 Credit

The primary goal in Algebra 1 is to help students transfer their concrete knowledge into more abstract algebraic generalizations. Topics include recognizing and developing patterns using tables, graphs, and equations. In addition, manipulation of algebraic expressions and solving equations is addressed.

Geometry MAGEO

Grades: 9 – 12
Prerequisite: Algebra 1
1 Credit

The focus of this course is primarily on geometric concepts. This course is a requirement to enter college and many technical school programs. This course applies the concepts learned in Algebra to the study of properties and measurements of figures in 2 and 3 dimensions. Topics include parallel and perpendicular lines, polygons, area and volume, similarity, congruence, right triangle trigonometry, and circles. It also emphasizes using logic and writing proofs to justify conjectures.

Algebra 2 MAA2

Grades: 10 – 12
Prerequisite: Geometry
1 Credit

Advanced algebraic concepts are explored in Algebra 2. Focus on representing patterns using tables, graphs, and equations will be stressed. These patterns will include linear and quadratic relations as well as radical and rational relations. Advanced topics such as exponential and logarithmic functions, trigonometric functions, and sequences and series will also be covered. The ability to write and solve equations will be used throughout this course. This course is a requirement to enter college and many technical school programs. It is critical for those who wish to participate in any higher-level mathematics courses.

Intermediate Algebra MAICA

Grades: 11 – 12
Prerequisite: Geometry
1 Credit

This course offers traditional algebra topics with applications. Learners develop algebraic problem-solving techniques needed for technical problem solving and for more advanced algebraic studies. Topics include linear equations, exponents, polynomials, rational expressions, and roots and radicals. Successful completion of this course prepares learners to succeed in technical mathematics courses. Most of this class will be taught through classroom presentation. Grading will be broken up between daily assignments, projects, quizzes, and tests.

Functions, Statistics and Trigonometry (L – 0.5) MAFST

Grades: 11 – 12
Prerequisite: Algebra 2
1 Credit

FST comprises two courses, each with a different focus. Working with functions and trigonometry in these courses will prepare students for eventual work in precalculus and calculus. The statistics portion will include study with statistical procedures and probability.

- **Functions & Trigonometry:** This semester of FST includes work with polynomial, logarithmic, exponential, and trigonometric and rational functions. Much attention is dedicated to applications appropriate for each concept. This section will allow students to gain exposure to functions that often appear in precalculus and calculus.
- **Statistics & Probability:** This semester of FST will include work with statistical concepts including presentation of data, samples, populations, measures of central tendency and variability, presentation of data, and normal distributions. The probability portion will include concepts focused on combinatorial methods and the relationships between probability and statistics. This section will allow students to gain exposure to probability and statistics that often appear in AP statistics.

Precalculus (L – 0.5) MAPREC

Grades: 11 – 12
Prerequisite: Algebra 2
1 Credit

In Precalculus, students will be introduced to calculus concepts and a variety of other higher-level mathematics concepts. These concepts include logic, applications of a variety of functions, combinatorics, and trigonometry. The goal of this course is to provide enough introductory material on various topics of concepts to enable students to have a strong base in any higher-level mathematics course.

AP Calculus AB (L – 1.0) (0.25 for S1, 0.25 for S2, 0.5 for taking the AP exam) MACAAB

Grade: 12
Prerequisite: Precalculus
1 Credit

This course consists of topics such as properties of functions and graphs, limits, continuity, differential calculus, and integral calculus. Strong emphasis on applications of differential and integral calculus are stressed. Successful completion of calculus in high school will enable students to compete strongly in college mathematics courses.

AP Statistics (L – 1.0) (0.25 for S1, 0.25 for S2, 0.5 for taking the AP exam) APMAS

Grade: 11 – 12
Prerequisite: Algebra 2
1 Credit

This course consists of the major concepts and tools used for collecting, analyzing, and drawing conclusions from data. You'll explore statistics through discussion and activities, and you'll design surveys and experiments. Skills you'll learn: selecting methods for collecting or analyzing data; describing patterns. trends, associations, and relationships in data; using probability and simulation to describe probability distributions and define uncertainty in statistical inference; using statistical reasoning to draw appropriate conclusions and justify claims

MUSIC DEPARTMENT



The Music Department offers all students the opportunity to earn a Fine Arts credit. Any student may enroll in the general music offering of Music Appreciation. Students with a background in music from middle school may elect to participate in a vocal or instrumental performance group.

Co-curricular and independent offerings include Marching Band, Pep Band, Jazz and other instrumental and vocal ensembles. Instruction in vocal and instrumental technique and music theory are also available. Independent study options are available for college bound music majors and minors, or students wanting to pursue other careers in music.

Band Information

Grades: 9 – 12



Wisconsin Dells High School offers three band classes, Concert Band, Symphony Band, and Jazz Ensemble.

Band is a performance class that addresses state music standards through preparation for performance. It is open to any student with previous band experience. Areas stressed will be instrumental performance, responding to music, and connecting music to other areas of students' lives. Performances are a required part of the band experience.

All instrumental music classes address Core Standard Literacy Competencies. Students will develop portfolios with components that reflect competent writing skills and advancing instrumental skills. Students will complete their portfolios by the second semester of their senior year.

Community service is also an integral component of all band classes. Students will have multiple opportunities to perform at community events and to accumulate community service hours to record for NHS, college applications and their resumé.

Activities included in both Concert Band and Symphony band are:



● Marching Band: All band students in Concert Band and Symphony Band participate in marching band. Marching Band begins with a summer camp for all students and students earn .25 credits in summer school for their participation. Performances include home football games, Golf for the Future, the Wo-Zha-Wa parade, Memorial Day parade and additional performances as requested.



● Pep Band: Students are assigned to Pep Bands based on their activities and sports. All band students perform as members of the pep band, but each assigned group has a different schedule. Pep Band performs for selected home athletic events and is part of the Concert Band and Symphony Band schedule. Pep Band students have opportunities for outside performances that count as community service.

Concert Band — MUBCON

Grade: 9
1 Credit

Concert Band is open to freshmen students with previous band experience, and upperclassmen who wish to serve as mentors and leaders. This band will perform a variety of types of music that will help students make the transition to the high school level. Basic performance techniques, including tone production, tuning, reading rhythms and notes, articulations, and listening skills will be stressed. Students will participate in performances including marching band, pep band, concerts, and solo and ensemble.

Symphony Band — MUBSYM

Grades: 10 – 12
Prerequisite: Previous Band Experience
1 Credit

Symphony Band is open to 10-12 grade students with previous musical experience. This band will perform a variety of styles of advanced instrumental music. Advanced performance skills will be stressed including tone production, tuning, reading rhythms and notes, articulations, and listening skills. Community service and portfolio development will be part of this class. Participation in solo and ensemble activities is strongly encouraged. Students will participate in performances including marching band, pep band, concerts, and solo and ensemble.

Jazz Ensemble - Contemporary Band — MUJAZE

Grades: 9 – 12
Corequisite: Symphony Band or Concert Band
1 Credit



This jazz ensemble class is open to any band student who would like the opportunity to learn and perform one of America's most unique art forms of music, jazz. Basic to advanced jazz ensemble performance techniques including tone production, tuning, reading rhythms and notes, articulations, and improvisation in the swing style and various other jazz styles. Listening to the swing style, other jazz styles, artists, and ensembles will be emphasized. Students will understand different perspectives on current jazz music and how it relates to our present-day society. Students will perform at concerts, big band dances, community events, and jazz festivals throughout the year.

Chorus - Treble Choir

Grades: 9 – 12 Soprano/Alto Voices
Prerequisite: Must also be enrolled in Concert Choir
1 Credit

This is an elective course open to all high school grades. The focus of this choir will be placed strongly on the development and growth of Soprano and Alto specific choral singing. The choir will be expected to sing 2–4-part music and students need to come to class with a commitment towards being a strong choir ensemble member and individual musician. Emphasis on more advanced singing techniques and music from more varied styles, composers, languages, cultures, and time periods will serve as our curriculum throughout the year.

Students will have multiple opportunities to perform at community events. Participation in solo and ensemble activities is strongly encouraged. No audition is required, and all performances are a required part of the choir experience.

Chorus - Concert Choir

Grades: 9 – 12
Prerequisite: Previous Choir Experience
1 Credit

This is an elective course open to all high school grades. The intent of this class is to continue building strong musicianship and vocal technique through different genres of choral singing. The choir will be expected to sing 3–6-part music and students need to come to class with a commitment towards being a strong choir ensemble member and individual musician. Emphasis on more advanced singing techniques and music from more varied styles, composers, languages, cultures, and time periods will serve as our curriculum throughout the year.

Students will have multiple opportunities to perform at community events. Participation in solo and ensemble activities is strongly encouraged. No audition is required, and all performances are a required part of the choir experience.

Music Appreciation (offered in 2025-26 and every other year) MUAPP

Grades: 9 – 12
.5 Credit

Music appreciation covers the fundamental elements of music, basic music theory, basic piano skills and periods of music history from early music to the present day. In this class students will listen to all types of music and discover the origins of western music. Students will create integrated projects that incorporate Core Literacy Standards into the arts. In addition, this course explores topics such as jazz history and world music.

Beginning Music Theory (offered in 2026-27 and every other year) MUBMT

Grades: 10 – 12
Prerequisite: Music Appreciation or consent of the instructor
.5 Credit

The Beginning Music Theory course is an introductory music theory course that covers topics such as music theory, aural skills, rhythmic content, individualized piano instruction, further musicianship skills, and musical procedures. This high school level class will provide the necessary foundation of music content covered in AP Music Theory. Music Appreciation and Beginning Music Theory are highly recommended before enrolling in AP Music Theory.

Musicianship skills including performing with basics elements of music theory, sight-singing and dictation, critical listening skills, and keyboard harmony are important parts of this course. This course will outline aspects of melody, harmony, rhythm, musical analysis, composition, and to some extent music history and style. Student's ability to read and write musical notation are fundamental to this course. Development of aural skills is a primary objective as performance is also part of the learning process. The ultimate goal of this course is to develop an appreciation and basic knowledge of music theory. Students are encouraged to begin developing the ability to recognize, understand, and describe the basic materials and processes of music that is heard or presented. At the end of this course, students will be able to enroll in AP Music Theory during the next school year if desired.

Beginning Songwriting MUSW

Grades: 10 – 12
.5 Credit

This class is for students who are interested in songwriting. Although the course is geared toward beginners, songwriters of all levels from beginner to experienced are welcome. This course will cover the basics of songwriting including basic music notation, melodic writing, lyric writing, chord progressions, song structure, and more. Students will work individually as well as collaborate in small groups and can write their songs utilizing piano, guitar, ukulele, or a digital audio workstation. **Students will perform a song at the end of the semester as a part of their final project.**

AP Music Theory (L – 1.0) (0.25 for S1, 0.25 for S2, 0.5 for taking the AP exam) MUAPMT

Grades: 11 – 12
Prerequisite: Consent of the instructor
1 Credit

The AP Music Theory course corresponds to two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills including dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the theory course.

AP Music Theory integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, composition, and to some extent history and style. The student's ability to read and write musical notation is fundamental to this course. It is strongly recommended that the student will have acquired at least basic performance skills on an instrument or voice. Development of aural skills is a primary objective. Performance is also part of the learning process. The ultimate goal of this course is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented. At the end of this course, students will be able to take the AP Music Theory exam and earn college credit for the course.

Independent Study: College Bound Music - Audition MUISAU

Grades: 11 – 12
Corequisite: Band or Choir and Consent of instructor
.5 Credit
Audition Preparation

College bound music majors will prepare material for their college music audition including a Class A solo. Students will need to prepare two contrasting class A excerpts. In addition, instrumental students will need to play all major scales on his/her instrument and practice sight reading. This requires daily practice, and students will perform a recital at the end of the semester.

Independent Study: College Bound Music – Piano MUPIAN

Grades: 11 – 12
Corequisite: Band or Choir and Consent of instructor
.5 Credit
Piano Skills for College

College bound music majors improve piano keyboard skills through independent study of piano with guided instruction from the choir or band instructors. This requires daily practice, and students will perform a recital at the end of the semester.





PHYSICAL EDUCATION & HEALTH DEPARTMENT

Every individual, regardless of following a career track or four-year college track, will be confronted with health decisions every day. Therefore, health and physical education are integral parts of general education, which focus on the social, physical, emotional, career, intellectual, environmental, and spiritual aspects of human behavior.

The goal of the Health & Physical Education Department is to promote lifelong fitness, health, and the ability to foster positive, skillful decision-making and problem solving based upon literacy skills allowing the student to interpret the ever-changing fitness and health education information. This in turn will help students view fitness as a way of life to help them attain individual goals and utilize their potential for the betterment of self, family, and community. While emphasis on personal responsibility for individual behaviors is critical, there is also a need to make students aware of the fundamental social, cultural, environmental, and economic factors that affect health.

Health PEH

Grades: 9 – 12
.5 Credit
Required

Health Education is a combined responsibility of school, community, and home, and helps you become responsible for personal wellness using good practices and decisions for yourself and others. It is a process that fosters positive, skillful decision-making and problem solving based upon accurate, ever-changing health information. The curriculum we will be using will help you understand that the decisions you make now will affect the quality of your life now and in the future. We will focus on risks, responsibility, and relationships through the use of the following health concepts.

Units will include:

- Personal Wellness
- Mental/Emotional Wellness
- Human Growth & Development
- Nutrition
- Drug & Alcohol Prevention
- Emergency Procedures

Fitness for Life PEFIT

Grades: 9 – 12

.5 Credit

This course will emphasize the five health related components of fitness including: cardiovascular endurance, flexibility, muscular strength, muscular endurance, and body composition. **This class is for students who want to improve on their personal fitness levels.**

- **Students cannot have Fitness for Life and Personal Weight Training/Fitness or Athletic Development in the same semester.**

Personal Weight Training/Fitness PESC

Grades: 9 – 12
.5 Credit

This course is designed for highly self-motivated students who want to explore strength training/fitness in an independent environment. Students will be using the PLT4M strength/Fitness program to improve their strength and fitness levels.

Athletic Development

Grades: 9 – 12
.5 Credit

This is a strength and athletic development class that incorporates complex strength and athletic movements to build students strength and speed levels including: free weight training (focusing on bench and squat) and speed training. Students who choose this elective will be challenged to perform and participate at a high level. Student athletes are strongly encouraged to take this class.

Priority will be given to students in the following order:

1. Attended Summer Athletic Development
2. Varsity Athletes
3. JV/Freshman Athletes
4. Incoming Freshman who participated in a Middle School Sport

Competitive Physical Education PECPE

Grades: 10 – 12
.5 Credit

This class is for students who like to be engaged/participate in **competitive** team sports and net/target games. Activities include but are not limited to soccer, speedball, ultimate frisbee, basketball, volleyball, badminton, and pickleball. Students choosing this class will be challenged to participate at a high level.

Mind and Body Connection PEMBC

Grades: 10 – 12
.5 Credit

This course will emphasize the connection between physical activity and the mind. This class is for students who want to be active in low-intensity activities. Activities include but are not limited to mindfulness activities, Pilates, yoga, flexibility training, walking, and dance fitness.

Leadership Through Physical Education **PELP**

Grades: 11 – 12
.5 Credit
Prerequisite: Application and consent of instructor

This course is a physical education class designed for students to serve as leaders with students with disabilities. Those who take this course will work alongside students with disabilities to help them learn new sports concepts, build strength, and achieve physical education goals. Students will learn strategies for working with students in an inclusive environment and demonstrate knowledge of working with students with various disabilities. Students who are considering pursuing a career in education, human services should consider taking this course.

SCIENCE & AGRICULTURE DEPARTMENT

AGRICULTURE DEPARTMENT



Agriculture in the United States has changed significantly in the past few decades. Instead of traditional, production-based agriculture (farming), agriculture now encompasses areas involving science, business, engineering, and natural resources. All of these are a part of the agriculture industry today. All courses count as an Agriculture class for membership in the FFA student organization.

Aquaculture SCAGAQ

Grades: 9 – 12
.5 Credit

Aquaculture is the breeding, rearing, and harvesting of aquatic plants and animals for food, sport, ornamental or bait uses. A relatively new area in agriculture dating back to 6,000 BCE in areas Australia and China.

Through this course students will gain first-hand experience in aquaculture through the school's aquaponics system. Students will be responsible for managing the system and fish throughout the course of the semester. Subjects of study will include history of aquaculture, management practices of finfish, feeds and feeding, health of aquatic animals, water management, hydroponics, and sustainable aquaculture. In addition, students will learn about varieties of aquatic plants and animals.

Other possible subjects of study include marketing aquaculture, taxidermy, and Wisconsin fishing and boating regulations.

Introduction to Agri Science SCAGFN

Grades: 9 – 10
.5 Credit

Introduction to Agri Science establishes a foundation for understanding the complex world of Agriculture and science. Subjects of study include career opportunities, research in agriculture, plant science, and companion animals. The first half of the semester will be spent learning about and applying the steps on the scientific method as students complete research on corn plants. Students will also learn about plants and various plant science concepts that they can apply to their corn research.

The second part of the semester will focus on companion animals. Students will become experts on a companion animal species of their choice. They will also dive into how companion animals affect society, companion animal careers, health, and safety as it relates to companion animals, and companion animal nutrition.

Introduction to Animal Science — SCAGAI

Grades: 9 – 12
Prerequisite: Biology or concurrent with Biology
.5 Credit

Animal Science is designed to prepare students for animal-related careers. In Wisconsin, 1 out of every 10 jobs is related to agriculture, many, animal related. This class is designed to help students explore and develop an understanding of the animal industry as well as animal production, physiology, and anatomy.

Material that will be covered throughout the course include the history of animal agriculture, classification of animals and animal ethics. The second half of the semester will cover management of a variety of animal species. It will include but not be limited to judging / selection, nutrition / feeding, general care, safety / handling, and disease control of production animals.

Other possible subjects of study include livestock judging, meat science, basic medical care and more.

Animal Science: Independent Study — SCASIS

Grades: 11 – 12
Prerequisite: Intro to Animal Science
.5 Credit

Students enrolled in this Independent Study course will become Barn Managers and will be responsible for maintaining the animals in our barn facilities. Students will rotate through the different animal species and will be responsible for making sure that all animals are fed and watered, their enclosure cleaned/ daily chores completed, and that regular health checks are completed.

Advanced Animal Science (DE) (L – 0.5) — SCAGAS

Grades: 11 – 12
Prerequisite: Introduction to Animal Science
.5 Credit
***Dual Enrollment with Midstate Technical College for 3 college credits**
Midstate Technical College Course Name: Introduction to Animal Science

This course is a Dual Enrollment course with Mid-State Technical College and introduces the basics of livestock management. Examines management of dairy, beef, sheep, and other common livestock with concentration on nutrition, feedstuff classification, reproduction, genetics, animal behavior, animal health, and sustainable agriculture practices. Includes basic husbandry and care procedures for animals.

Veterinary Science SCAGVS

Grades: 11 – 12
Prerequisite: Introduction to Animal Science
.5 Credit

Vet Science is designed to take an in-depth look on the different principles of veterinary science. Students will utilize the knowledge that they gained from Introduction to Animal Science and gain a general understanding of the veterinary science industry.

Material that will be covered through this course includes careers, basic veterinary principles and terminology, positional terminology, genetics, internal and external anatomy and physiology, various body systems, dissections, basic first aid, safety, physical exams, basic medical care, and general veterinary care techniques.

Other possible subjects of study include animal housing, nutrition, animal growth and development, or a self-guided unit.

It is not a requirement, but students are encouraged to contact an area veterinary clinic to shadow a vet and gain real-world experience in the veterinary science industry.

Natural Resources (DE) (Beginning with the class of 2028 (L – 0.5)) SCAGNR

Grades: 11 – 12
.5 Credit
***Dual Enrollment with Midstate Technical College for 3 college credits**
Midstate Technical College Course Name: Fish, Forest, and Wildlife Management

Natural Resources is a course where students will dive into the outdoors and explore the various aspects of Wisconsin's wildlife and natural resources. Wisconsin is covered with 15,000 island lakes, streams, and rivers along with over 34 million acres of forests that need to be correctly managed and cared for.

Material that will be covered in this course will include GPS and geocaching, map reading, wildlife identification and tracking, hunting regulations, scoring deer, forestry, invasive species, endangered species, the water cycle and water testing, conservation, and national parks. Students in this class will utilize the SDWD school forest and local wildlife areas to practice the skills that they will gain through the course.

Additional subjects of study may include careers, basic earth science principles, taxidermy, insects and disease identification, nature's recyclers, and environmental cycles like the carbon, nitrogen, and phosphorus cycle.

Natural Resources: Independent Study SCAGN2

Grades: 11 – 12
Prerequisite: Natural Resources with consent of instructor and principal
.5 Credit

Through Natural Resources: Independent Study, students will complete a scientific research project on a topic of their choice pertaining to the agriculture and food science industries and students will present their findings. Areas of potential research can include animal systems; environmental services/natural resource systems; food products and processing systems; plant systems; power, structural and technical systems; or social science if the research is linked to natural resources. Students will be encouraged, but not required, to enter their research in the Wisconsin FFA Agri Science Fair and present their findings to a panel of judges during the Wisconsin State FFA Convention in June.

Plant Science (DE) (L – 0.5) SCAGPS

Grades: 11 – 12
Prerequisite: Biology
.5 Credit
***Dual Enrollment with Midstate Technical College for 3 college credits**
Midstate Technical College Course Name: Introduction to Horticulture

This course is a Dual Enrollment course with Mid-State Technical and provides an overview of the science and profession of horticulture. Its role and importance throughout history, current trends, and careers are covered. Particular attention is given to horticultural crops, plant growth, and plant development.

Landscaping SCAGL

Grades: 10 – 12
.5 Credit

Through this course, students will learn about proper landscape installation, landscape, and lawn maintenance, and how to design a landscape. Students will gain hands-on experience working with plants. Subjects of study will include the application of pruning tools and their techniques, mulching, plant care, and landscape principles. Other subjects of study will include plant selection, color schemes, and introductory plant science principles. In terms of landscape designs, students will learn the basic concepts of landscape design, principles of landscape design, and steps in drawing landscape designs.

Additional subjects of study may include landscape business basics, pricing products, interior plant-scapes, container gardening, urban gardening, integrated pest management, or lawn care.

Farm to Table SCAGFT

Grades: 9 – 12

.5 Credit

Through this project-based course, students will learn how food makes it from a farm to our tables. Students will also learn about a variety of topics that can be completed at home related to food production. **This is not a foods/cooking class***,* and the focus of the course will be on agricultural principles related to food production. Subjects of study will include the chain of food production, hydroponics, orchards, & honeybees. The remainder of the course will be student driven but could include any of the following topics and more: backyard chickens, composting, dairy products, gardening, geography & climate impact on agriculture, food around the world, modern agricultural practices, pests, urban gardening, vegetable gardens.

SCIENCE DEPARTMENT

The Wisconsin Dells High School Science Department offers a variety of introductory and upper-level courses for students to explore the physical and natural world around them through observation and experimentation. Courses will engage students with problem solving and critical thinking skills through labs and experiments. Students begin with Biology as freshmen and progress to Chemistry their sophomore year. The third science credit can be acquired by choosing from many options, including lab-based classes recognized by colleges and universities, as well as agriculture science classes.

Biology SCBIO

Grades: 9 – 12
1 Credit
Required

This introductory life science course focuses on living organisms, including their structure, function, and interactions with each other and their environment. Topics covered include cells, cellular energy, DNA, genetics, evolution, plants, ecology, and human body systems. In addition, scientific processes as well as scientific skills will be emphasized and practiced.

Chemistry SCCHE

Grades: 10 – 12
Prerequisite: Biology and Algebra 1
1 Credit

This course deals with the structure, composition, and properties of matter and the changes that take place when matter becomes involved with energy. The course involves lecture discussion as well as periodic laboratory experiences. Topics include basic atomic theory, inorganic structures, nomenclature, quantitative analysis, reactions, acid-base chemistry, and equilibrium. Due to the strong math content, it is advised that students take this course after successfully completing Algebra 1 or its equivalent with at least a C average.

Physics (L – 0.5) SCPHYS

Grades: 11 – 12
Prerequisite: Chemistry and Algebra 2 or concurrent with Algebra 2
1 Credit

This lab-based course will apply physics concepts to the world around you. Concepts will be applied to lectures, labs, and activities. Applied Physics will cover the topics of kinematics, dynamics, circular motion and gravitation, fluid dynamics, energy, momentum, simple harmonic motion, torque and rotational motion, light, and sound.

Anatomy & Physiology (L – 0.5) SCANAT

Grades: 11 – 12
Prerequisite: Biology and Chemistry
1 Credit

This college preparatory course will cover the ten major organ systems of the human body both in structure and function. Student work consists of classroom, text work, lab work, and large dissection. This course is strongly recommended for those students planning to become nurses or enter any other health-related field.

AP Biology (L – 1.0) (0.25 for S1, 0.25 for S2, 0.5 for taking the AP exam) AP BIO

Grades: 11 – 12
Prerequisite: Biology and Chemistry
1 Credit

AP Biology is the equivalent of a one-year college or university course in biology taught within the parameters of our high school structure. Students will explore six topic areas: the chemistry of life, cells, cell processes (energy and cell communication), genetics, evolution, and biodiversity and ecology. Within these six topics and learning objectives from the AP Biology Curriculum Framework, concepts will be merged with science practices at the molecular, cellular, organism, population, and ecosystem levels. Students should expect to spend a considerable amount of time preparing outside of the classroom in order to be successful in this class. All students are expected to take the AP Exam.

AP Chemistry (L – 1.0) (0.25 for S1, 0.25 for S2, 0.5 for taking the AP exam

Grades: 11 – 12
Prerequisite: Chemistry and Geometry
1 Credit

This course discusses advanced chemistry subjects and introduces students to laboratory work at the collegiate level. Topics included within the class are as follows - structures and properties of atoms, compounds, and mixtures; reactions; kinetics; equilibrium; thermodynamics and electrochemistry; and thermochemistry. This course is recommended for students who are interested in pursuing a career in physical sciences or the medical field. Students should expect to spend a considerable amount of time studying and preparing outside of the classroom in order to be successful in this class. All students will be expected to take the AP exam in the spring.

PROJECT LEAD THE WAY CURRICULAR PROGRAM

BIOMEDICAL SCIENCES

The following is a program involving a sequence of courses with hands-on, real situation problem-solving method to learning. Concepts relating to human medicine are introduced and activities place the students right into situations with the processes of the human body. Students look at structure, interaction, diagnosis, treatment, and prevention of diseases as well as potential solutions to the health challenges of the 21st century.

Principles of Biomedical Sciences (L – 0.5) SCPBSC

Grades: 10 – 12
Prerequisite: Biology and concurrent with Chemistry
1 Credit

Students explore biological concepts through the study of human diseases. Students determine the factors that led to the death of a fictional person and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, and research processes.

Human Body Systems (L – 1) SCHBS

Grades: 11 – 12
Prerequisite: Principles of Biomedical Sciences and Chemistry
1 Credit

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action and respiration.

SOCIAL STUDIES DEPARTMENT

The social studies courses at Wisconsin Dells High School are designed to develop the knowledge and skills of social studies, enabling students to put into perspective people, places, ideas, and events which have shaped our state, our nation, and our world. Students will develop an understanding of the past, present, and future of our society and the society of others through the study of history. Studying Civics will help students understand politics and government to be more informed citizens and to participate in the public life of our community, state, and nation. Elective courses in various areas will help students understand themselves, people around them, and how to deal with the complexities of life in the 21st century and growing global economy.

U.S. History SSUS

Grade: 9
1 Credit
Required

U.S. History will examine the development of the United States from the Revolutionary War era to present time. The first half surveys the topics of the American Revolution, Native American tribal history, and the Civil War. The second half begins with the Progressive Era, Great Depression, World War II, the Cold War, Civil Rights, and present-day issues.

World History SSWH

Grades: 10 – 12
Prerequisite: U.S. History
1 Credit

World History will provide an overview of the history of human societies. The course will begin by studying Ancient Civilizations and World Religions before looking at the impact of the Columbian Exchange. The second half looks at the impact of Revolutions, WW1, and the Cold War. Students will be studying social, political, innovative, cultural, and economic developments.

Civics SSCIV

Grades: 11 – 12
Prerequisite: U.S. History and World History or AP World History
.5 Credit
Required

Students enrolling in Civics will learn about their individual rights and responsibilities in American society. Civics will focus on the following themes: principles of democracy, the purpose of government and basic democratic values, American government, the structure, purpose, and functions of federal, state, and local government, citizenship values, and the rights and responsibilities of adult citizenship. **The required state citizenship test will be taken in this class.**

Economics SSECON

Grades: 11 – 12
Prerequisite: U.S. History and World History or AP World History
.5 Credit

This course is designed to give students a basic understanding of our economic system. Basic economic concepts will be explored, and contemporary economic problems and issues will be examined considering the concepts learned. Topics in the class include introductions to scarcity, opportunity costs, economic systems and economic decision making, supply and demand, prices, market structures, and the role of the government in the economy. This is a project-oriented class and math friendly.

Psychology SSPSYC

Grades: 11 – 12
Prerequisite: U.S. History and World History or AP World History
.5 Credit

Psychology is the scientific study of behavior and mental processes. Students will study how personality and behavior are shaped, how we learn, what motivates us, psychological disorders and their treatment and our sensation and perception.

Sociology SSSOC

Grades: 11 – 12
Prerequisite: U.S. History and World History or AP World History
.5 Credit

Sociology is a science that studies group behavior and the role of the individual in society. Students taking this class will be introduced to sociological themes, concepts, and behaviors related to the individual and society. The course includes a daily emphasis on current social issues.

World Geography SSWG

Grades: 11 – 12
Prerequisite: U.S. History and World History or AP World History
.5 Credit

Geography is the science that studies the interactions of people with the place they inhabit. Students will learn geographic concepts and study how place influences the action of people. Geography is used to interpret the past, understand the present, and plan for the future.

AP U.S. History (L – 1.0) (0.25 for S1, 0.25 for S2, 0.5 for taking the AP exam) AP US

Grades: 11 – 12
Prerequisite: US History and World History or AP World History
1 Credit

AP US History is a challenging course that provides an overview of the history of the United States and is meant to be the equivalent of a college course. In chronological order, students will explore America's past, examining the cultural, political, geographical, economic, and technological changes that have taken place and have helped to shape us and guide us as a nation today. Topics will include issues relating to the discovery of the New World through the Vietnam War. Emphasis will be placed on critical and analytical thinking skills, essay writing, and interpretation of primary and secondary sources. This course is designed for students to take the AP U.S. History exam in the spring.

AP World History (L – 1.0) (0.25 for S1, 0.25 for S2, 0.5 for taking the AP exam)

Grades: 10 – 12
Prerequisite: U.S. History
1 Credit

AP World History focuses on developing students' abilities to think conceptually about world history from approximately 1200 CE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance — focusing on social structures, state-building, new innovations, cultures, and economic systems — provide areas of historical inquiry for investigation throughout the course. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions. This course is challenging and is designed for students to take the AP World History exam in the spring.

TECHNOLOGY EDUCATION DEPARTMENT






Transportation **Metals** **Construction** **Woodworking**

Courses in the Technology Education Department are committed to teaching the application of modern industrial technology and engineering. Every person in our society should have a basic understanding of technology to live in our modern society and make intelligent career decisions. The Technology Education program will provide students an opportunity to:

- Work with the newest systems and equipment of industrial technology.
- Understand how these systems and equipment function.
- Understand and gain respect for the relationships existing between society, industry & technology.
- Explore career opportunities and personal interests in the industrial pathways.
- Prepare for continued education or job entry into an industrial technology pathway.

$$- Many Technology Education courses involve project fees. Students who qualify for free or reduced lunch may be eligible for free or reduced supply fees. Contact the instructor or your counselor for more information about project fees.

Transportation



Small Engines

TETR1

Grades: 9 – 12
.5 Credit

This is an introductory course for students interested in the technology involved in the transportation industry and its career pathways. Students will learn the basics of small engine operation with an emphasis on internal combustion theory. Students will be able to demonstrate the ability to take apart, tune up, maintain, repair, and rebuild small engines using a variety of hand tools and precision measurement devices. This will be accomplished by following safety and procedures used in the automotive and small engine industry.

Automotive Technology 1 TETR2

Grades: 10 – 12
Prerequisite: Small Engines
.5 Credit

Auto Technology 1 is a laboratory- based course designed to introduce students to automotive maintenance, repair, inspection, and diagnostics. Students will learn industry standards for automotive maintenance, repair, online service manuals, diagnostic skills that include scan operation, engine theory and operation, and automotive service. ASE (Automotive Service Excellence) examination will be discussed and encouraged for students with interest in an automotive profession. Students will need access to vehicles to service and parts/materials are the responsibility of the vehicle owner. It is highly recommended that students have a valid driver's license for this course.

Automotive Technology 2 TEAT2

Grades: 10 – 12
Prerequisite: Auto Technology 1
.5 Credit

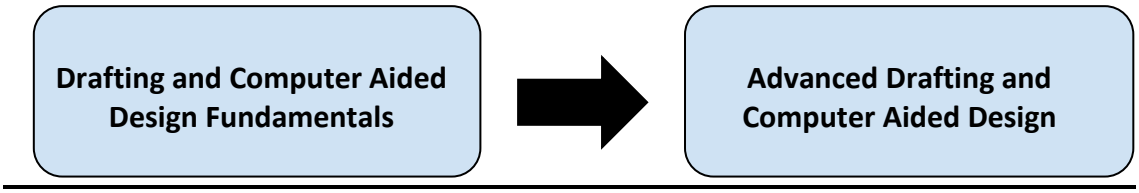
Automotive Technology 2 is a laboratory-based course, the student will learn to diagnose and repair systems such as fuel, ignition, cooling, charging, starting, and other various electrical systems of the vehicle. The student will also learn about automobile support systems such as engines, transmission, brakes, steering, suspension, heating, and air conditioning. Students will have the opportunity to complete numerous automotive repairs. Students will need access to vehicles to service and parts/materials are the responsibility of the vehicle owner. It is recommended that students have a valid driver's license for this course. Students will be encouraged to prepare for the ASE (Automotive Service Excellence) examination, Youth Apprenticeship, and SkillsUSA.

Home/Auto Maintenance $$ TEHAM

Grades: 11 – 12
Prerequisite: Student has taken 2 or fewer tech ed courses
.5 Credit

This class is intended for 11th and 12th grade students who haven't yet taken a tech ed course or those only taking one or two tech ed courses during their high school career. Home/Auto Maintenance is a course that helps students learn the skills necessary for her/him to maintain a home, rental property, and automotive vehicle. Students will identify the recommended service required to maintain an automotive/small engines and perform those maintenance procedures. Students will also explore common maintenance required for homeowners/renters and perform those maintenance procedures as well. It will be beneficial for students to own or have access to a vehicle and a valid driver's license in order to participate in the required, hands-on labs. Each activity can be individually designed to fit the needs and desires of every student. This is an experience in real life problem solving that all people will face in future years.

Drafting & Computer Aided Design



Drafting and Computer-Aided Design Fundamentals TE3DMI

Grades: 9 – 12
.5 Credit

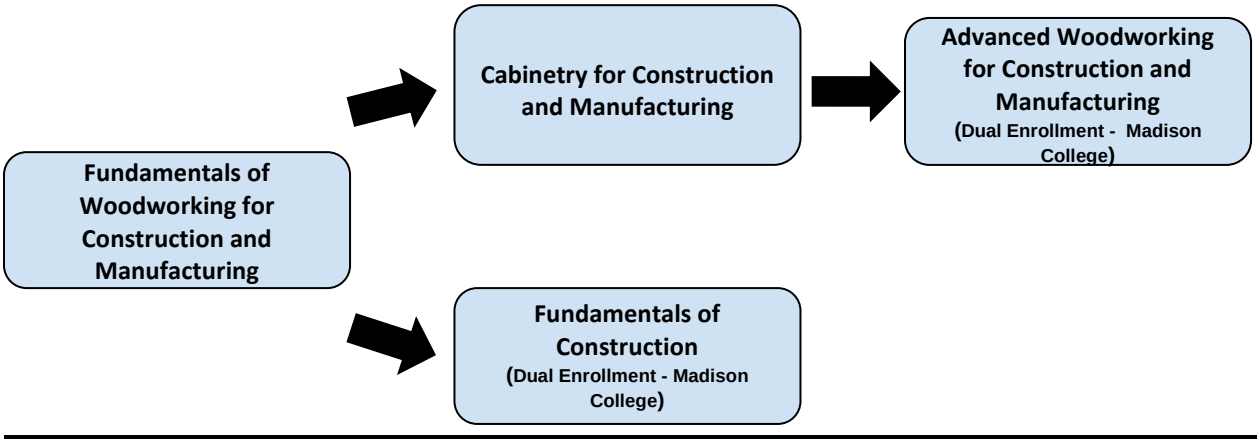
This course covers the basic Computer Aided Design (CAD) principles and practices that are used in industry today. The goal is to develop critical thinking skills via technical prints and drawing. The main tool that is used for this course is SolidWorks, which students will work towards becoming an industry recognized "Certified SolidWorks Mechanical Design Associate." Students will create three-dimensional parts, assemblies, and drawings that will be produced through the use of 3D printing, laser engraving/cutting, and CNC routing to make physical products. It is recommended to take this course before Advanced Woodworking and/or WDHS Manufacturing.

Advanced Drafting and Computer- Aided Design TEAD3D

Grades: 11 – 12
Prerequisite: Drafting and Computer-Aided Design Fundamentals
.5 Credit

If you enjoyed Drafting and CAD, this course is for you! The course study is intended to review and build on knowledge learned in CAD Fundamentals. Advanced CAD gives students the ability to expand knowledge and skills to personalized projects. Students will work towards becoming an industry recognized "Certified SolidWorks Mechanical Design Professional,'' the step above the Associate level certification earned in CAD Fundamentals. Students will create advanced three-dimensional parts, complex assemblies, and design their own parts to be 3D printed. We will also be using Computer Aided Manufacturing (CAM) software to make use of Computer Numerical Control (CNC) equipment, Laser engraver, and Plasmas CNC in the Lab. It is recommended to take this course before Advanced Woodworking and/or WDHS Manufacturing.

Woodworking & Construction



Fundamentals of Woodworking for Manufacturing & Construction $$ TEWOO1

Grades: 9 – 12
.5 Credit

Fundamentals of Woodworking for Manufacturing & Construction is a hands-on project-based course designed to give students an understanding of industry standards for construction and manufacturing. Students will learn about wood, wood processes, wood manufacturing, and wood construction standards that take place throughout industry here in Wisconsin and the United States. Students are required to complete several projects using the processing equipment in the wood technology lab. Manufacturing and Construction safety standards are emphasized throughout the course. Equipment used in this course will include the wood lathe, miter saw, band saw, table saw, jointer, planer, drill press, router, various hand tools, and related computer work. Students will complete a Bill of Materials (B.O.M.) with each project. We will also be using Computer Aided Manufacturing (CAM) software to make use of Computer Numerical Control (CNC) equipment in the woods lab.

Fundamentals of Construction $$ (DE) (Beginning with the class of 2028 (L – 1.0)) TECONS

Grades: 10 – 12
Prerequisite: Fundamentals of Woodworking for Manufacturing & Construction
1 Credit
***Dual Enrollment with Madison College for 3 college credits**
Madison College Course Name: Fundamentals of Construction

Fundamentals of Construction is a dual enrollment hands-on project-based course hosted at Wisconsin Dells High School in partnership with Madison College. Fundamentals of Construction will introduce the standards for identification, safe use, and care of hand and portable power tools. Lab work includes the construction of sawhorses, toolboxes and structures using techniques learned in class. Students will explore various areas and standards throughout the construction industry. The course will follow building construction practices with projects to demonstrate concrete foundations/work, floor systems, framing (for walls, windows, and doors), plumbing, electrical wiring, drywalling, finish work, roofing, and more. This course is intended to introduce students to hands-on skills, processes, and systems necessary to a career in construction.

Cabinetry for Manufacturing & Construction $$ TEWOO2

Grades: 10 – 12
Prerequisite: Fundamentals of Woodworking for Manufacturing & Construction
.5 Credit

Cabinetry for Manufacturing & Construction is a hands-on project-based course designed to give students a furthered understanding of industry standards for construction and manufacturing. The Cabinetry for Manufacturing & Construction course will provide students the opportunity to advance skills learned during Fundamentals of Woodworking for Manufacturing & Construction. Cabinetry and furniture making is the focus of this course designed to give each student an opportunity to develop skills using tools and machines located in most cabinetry, construction, and home situations. Concepts covered in the course include safety, design, planning and estimating, wood types, wood materials, machine operation, joinery, finishing techniques, and installation. Each student will be required to complete several instructor-selected activities to gain industry required skills. Students who complete required learning activities may design and build a project of his/her own choice. We will also be using 3D modeling software and Computer Aided Manufacturing (CAM) software to make use of Computer Numerical Control (CNC) equipment in the wood's lab. Students will be expected to pay for materials involved in personal projects.

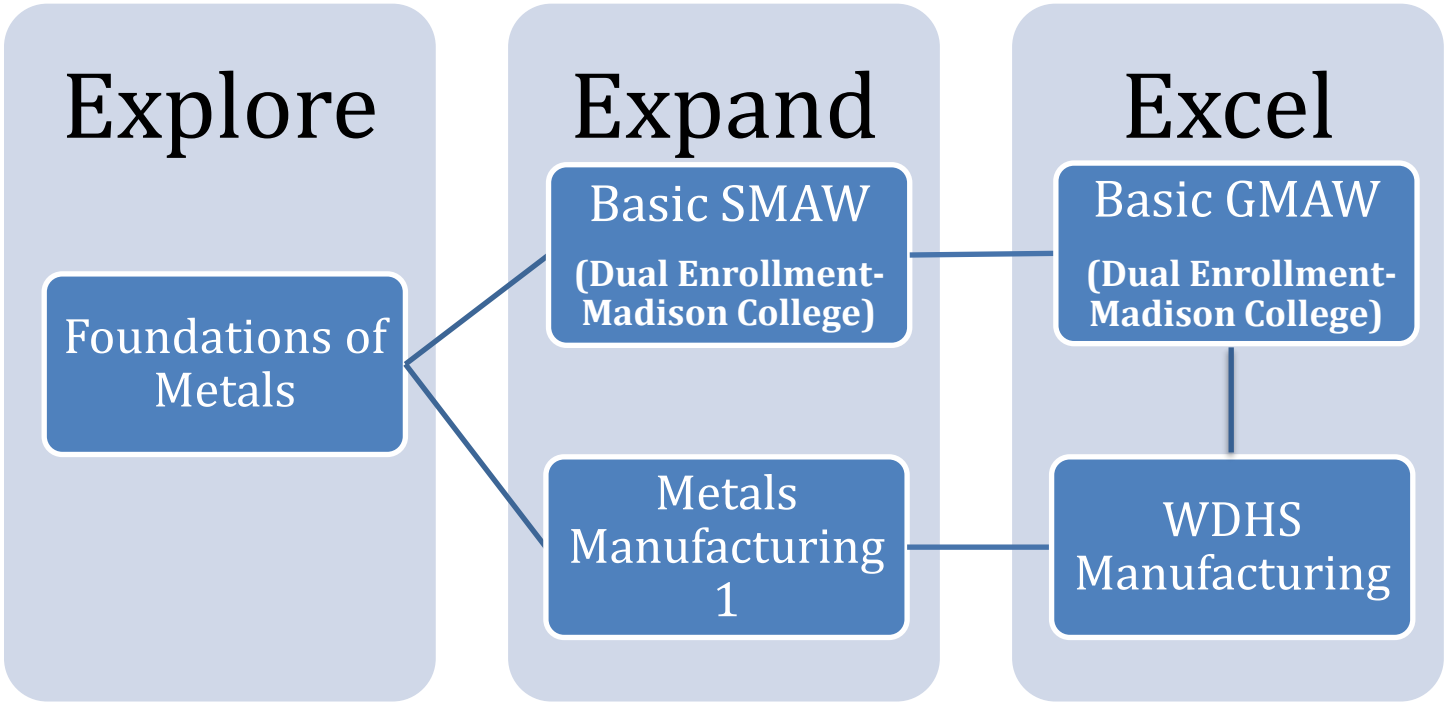
Advanced Woodworking for Manufacturing & Construction $$

(DE) (Beginning with the class of 2028 (L – 1.0)) TEADWD

Grades: 11 – 12
Prerequisite: Cabinetry for Manufacturing & Construction
1.0 Credit
***Dual Enrollment with Madison for 2 college credits**
Madison College Course Name: Woodworking 1A: Machinery & Methods

Advanced Woodworking for Manufacturing and Construction is a hands-on project-based course hosted at Wisconsin Dells High school in partnership with Madison College. Advanced Woodworking for Manufacturing and Construction will further the understanding of industry standards for woodworking equipment and operations. Students perform numerous exercises to gain familiarity with portable power tools and industrial woodworking machinery while building their skills and familiarity with wood. Units include layout, sawing, surfacing, boring, and sanding. Once students have demonstrated proficiency of the above topics, exercises, and material, students are to construct a large personal project or several smaller personal projects of their choice. Projects must be pre-approved by the instructor and advance the skills learned in previous courses. The course will also require students to communicate the construction of their project by creating a written plan, 3D modeled prints, and Bill of Materials of said project. Plans, models/prints, and bills should be detailed and thorough enough for others to replicate the student's project. From traditional woodworking equipment and hand tools to the latest computer numerically controlled (CNC) machinery, lasers, and software, students learn to plan and process wood in the most efficient manner in this upper-level course. Materials for personal projects are the responsibility of the student. If students are unable to fund a project, community service projects and other opportunities are available. Contact the instructor for more information.

Metals & Manufacturing



Foundations of Metals $$

Grades: 9 – 12
.5 Credit

This is a project-based course for students interested in the technology involved in the manufacturing industry and its career pathways. Students will learn how to safely use a myriad of metal working tools including but not limited to: angle grinders, bench grinders, belt grinders, metal chop saws, horizontal band saws, multi process welding machines, files, die grinders, plasma cutters, oxy acetylene torch, metal drill press, sheet metal equipment and a few CAD programs to use CNC equipment. Students will learn introductory welding techniques and make some projects along the way!

Basic SMAW $$ (DE) (Beginning with the class of 2028 (L – 0.5)) TEMET1

Grades: 9 – 12
Prerequisite: Foundations of Metals
.5 Credit
***Dual Enrollment with Madison College for 2 college credits**
Madison College Course Name: Basic Arc (SMAW)

This is a project-based course for students interested in the manufacturing industry and its career pathways in welding. Students will learn the basics of manufacturing through the use of Shielded Metal Arc Welding. Students will fabricate nine different welding assemblies, following precise blueprints and will expand their knowledge in SMAW welding and metal cutting using hand plasma, oxy acetylene, and CNC plasma cutting equipment. This course is a Dual Credit offering through Madison College's "Basic SMAW" Welding Program.

Basic GMAW $$ (DE) (Beginning with the class of 2028 (L – 0.5)) TEMET2

Grades: 10 – 12
Prerequisite: Foundation of Metals AND Basic SMAW
.5 Credit
***Dual Enrollment with Madison College for 2 college credits**
Madison College Course Name: Basic Gas Metal Arc Welding (GMAW/MIG)

This is a project-based course for students interested in the manufacturing industry and its career pathways in welding. Students will learn the basics of manufacturing through the use of Gas Metal Arc Welding and Flux Cored Arc Welding. Students will fabricate nine different welding assemblies, following precise blueprints and will expand their knowledge in GMAW welding and metal cutting using hand plasma, oxy acetylene, and CNC plasma cutting equipment. This course is a dual enrollment offering through Madison College's "Basic GMAW" Welding Program.

Metals Manufacturing 1 $$ TEMET3

Grades: 10 – 12
Prerequisite: Foundations of Metals
.5 Credit

This is a project-based, continuation course for students interested in the technology involved in the manufacturing industry and its career pathways. Students will learn the basic techniques in GMAW and GTAW welding, fastening techniques, blueprint reading, waterjet, laser engraving, CNC plasma cutting, forging, heat treating as well as components of computer and hand drafting. Using the tools and drafting, students will build customized projects to further their understanding of this high-tech equipment.

WDHS Manufacturing $$

Grades: 11 – 12
Prerequisite: Foundations of Metals AND Manufacturing 1 OR Basic GMAW
1.0 Credit

This is a year-long project-based, continuation course for students interested in the technology involved in the manufacturing industry and its career pathways. Students will use advanced techniques in Mig and Tig welding, blueprint reading, waterjet, laser engraving and CNC plasma cutting to fabricate custom projects. This class will operate its own student run business out of the high school shop and will focus on all aspects of today's manufacturing industry. Students will use previously learned skills from Foundations of Metals, Manufacturing 1 and/or Basic GMAW. The students will be responsible for quoting jobs, ordering material, manufacturing parts, quality control, order pickup, receiving, invoicing, customer service, keeping track of hours, maintaining equipment, and everything else it takes to run a business. The class will also be generating funds to help further our CTE program and pay a majority of the profits back to students for working hard and smart in the form of a scholarship.

WORLD LANGUAGE DEPARTMENT

The mission of the World Language Program is to enhance the existing curriculum in all subject areas by emphasizing a global perspective. The study of another language expands student understanding in the areas of oral and written communication skills. World language study is a core discipline in today's globalized society.

The goals for the students of the World Language Department are:

- To develop an increasing ability to speak, read and write in the language and to understand when it is spoken
- To develop an awareness of and respect for other cultures
- To provide for a better understanding of our own language by comparison with a different language
- To foster an awareness of global interdependence
- To expand future job opportunities

Students are strongly encouraged to follow a 2-year language sequence through high school. Many colleges and universities look favorably on applicants with 2-3 years of language study. This demonstrates the desire to obtain a higher level of proficiency in the studied language and a broader global understanding. The addition of another language is encouraged for students with excellent linguistic abilities. Students should be aware of the possibility of earning retroactive credits in the University of Wisconsin System and possibly other colleges and universities. Up to 16 credits may be earned after one college-level language class.

Spanish 1 — WLSP1

Grades: 9 – 12
1 Credit

The purpose of this course is to understand, speak, read and write simple Spanish. Spanish 1 strongly emphasizes grammar, vocabulary and spoken conversation. Hispanic culture is introduced through art, literature, customs, and history. Students will use the language to communicate with others through oral and written communication.

Spanish 2 — WLSP2

Grades: 10 – 12
Prerequisite: Spanish 1
1 Credit

Spanish 2 provides the student with continuing opportunities to gain communicative skills by acquiring more vocabulary and grammar concepts. Emphasis is placed on interpersonal, interpretive, and presentational communication. Students who successfully complete Spanish 2 should be aware of the possibility of earning retroactive credits in the University of Wisconsin System as well as other colleges and universities.

Spanish 3 WLSP3

Grades: 11 – 12
Prerequisite: Spanish 2
1 Credit

Spanish 3 develops more creative communication ability as students strengthen grammar and vocabulary skills. Emphasis will be placed on setting a wider range of everyday situations and social settings. There is a continued emphasis on the culture of Spanish speaking countries.

Spanish 4 WLSP4

Grade: 12
Prerequisite: Spanish 3
1 Credit

Spanish 4 advances communicative skills towards a goal of more natural proficiency. Students will review previously learned grammar and learn more advanced grammar concepts. Students will read a variety of literature and place an emphasis on culture, geography, and history.

Spanish for Native Speakers WLSPNA

Grades: 11 – 12
Prerequisite: Spanish 3 or consent of instructor
0.5 Credit

This class is intended for students who have previous knowledge of Spanish in a non-academic setting. In order to be eligible for this class, students will have to take a placement test with either Mrs. Schultz or Mr. Wojan or successfully complete Spanish 3. Upon successful completion of placement test or of Spanish 3, the student will be placed into the class. The class will place a high emphasis on reading, with books such as Cajas de Cartón (Cardboard Boxes) and poetry written by native Spanish speakers for native speakers. Furthermore, writing will also be highly emphasized with students doing a variety of different types of writing such as essays, poems, and personal narratives.

Ho-Chunk 1 WLHC1

Grades: 9 – 12
1 Credit

The goal of Hooca\k level 1 is communicative competence at the novice level. This course introduces students to language and develops level 1 proficiency in speaking, listening, reading, and writing. At the end of the course, students should be able to engage in simple conversations within the limits of practiced vocabulary and structure. Students will also gain perspective and insight into the Hooca\k culture.

Ho-Chunk 2 WLHC2

Grades: 10 – 12
Prerequisite: Ho-Chunk 1
1 Credit

Hooca\k level 2 provides opportunities to further develop proficiency in listening, speaking, reading, and writing. Emphasis is placed on expanding accuracy in vocabulary and structure and on broadening knowledge of cultural understanding. Classes are conducted in the language as much as possible.

Ho-Chunk 3 WLHC3

Grades: 11 – 12
Prerequisite: Ho-Chunk 2
1 Credit

Hooca\k level 3 advanced classes are conducted in the language and provide opportunities to continue the development of intermediate language proficiency in speaking, listening, reading, and writing. By the end of the course students should have adequate control of all basic structural patterns and should be able to express themselves. In addition, students will have an in-depth understanding of language and cultural perspectives associated with it.