SCHOOL DISTRICT OF WISCONSIN DELLS

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2023 - 2024

COURSE

DESCRIPTION BOOK

WDHS

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ACADEMIC & CAREER PLAN (ACP)

WHY DO I NEED A PLAN?

There are many choices you will need to make as you plan your high school degree program. 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 high school graduation program.

Remember, there is a difference between the graduation requirements to get out of high school, and the entrance requirements ("College Prep"/CP courses) 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 Individual Learning 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.

WDHS ACADEMIC & CAREER PLAN

NAME: _____ DATE: _____

After High School Plans: __4-Year College __Technical College __Military __Work __Apprenticeship

Career Plan: _____

Freshman	
Course	Credits

Sophomore	
Course	Credits

Junior	
Course	Credits

Senior	
Course	Credits

GENERAL INFORMATION -- GLOSSARY OF TERMS

Post-High School Education: The formal education or training you receive after completing your high school diploma that qualifies you for a job or career. 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.

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).

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 who have access to a computer with Internet access and will be utilized in WD Time.

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

(CP): College Prep – allows for entrance into a four-year college. Some of our courses count as College Prep and some do not.
(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.
($$): 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
Electives	10.5
TOTAL CREDITS REQUIRED	**26.0**

Graduation Non-Credit Requirement

Wisconsin State Civics Exam - Any students graduating from a Wisconsin high school (starting with the class of 2017) 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***

** UW-Madison requires two (2) credits in the same world language for admission.

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
Physical Education: Fitness for Life or Strength/Conditioning	0.5 credit

Sophomore Year:

English: English 10 or AP Prep English 10	1.0 credit
Social Studies: 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:	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:	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

In general, **course registrations are final.** Therefore, students should not enroll in a course with the idea that if they do not like it, 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 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 drop an AP course.**

ADDITIONAL PROGRAM OFFERINGS

Additional credit opportunities are available for students to gain 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 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:

- AP Biology
- AP Calculus AB
- AP Statistics
- AP Language and Composition
- AP Literature and Composition
- AP U.S. History
- AP World History (e/o/y 2023-24)
- AP European History (e/o/y 2024-25)
- AP Music Theory

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

- Students must determine whether they can fit the rigorous workload of an AP course into their daily schedule.
- 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.

INTRO TO ATHLETIC TRAINING (after school)

Grades: 11 – 12
Prerequisite: Interest in the medical profession, interview with Athletic Trainer, recommendation from a staff member and completion of coursework related to the medical field (i.e., Chemistry, Biology, Anatomy, etc.)
Application Required
.5 Credit

Students will learn the basic concepts and fundamentals of the recognition, care, prevention, and rehabilitation of common athletic injuries. They will be taught and expected to develop proficiency in the application of common wraps and taping as are used in athletics. Time will be spent in the athletic training room after school and at sporting events with minimal time during the actual school day. This class will be a Pass/Fail grade.

TEACHER'S ASSISTANT PROGRAM

Grades: 11 – 12
Prerequisite: Consent of Instructor
.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.

YOUTH APPRENTICESHIP PROGRAM

What is the YA program?

Wisconsin's Youth Apprenticeship (YA) program is part of a statewide School-to-Work initiative for high school junior and seniors. CESA 5 coordinates the Youth Apprenticeship program for 20 school districts and is designed for students seeking a hands-on learning experience in an occupational area, at a work site, along with classroom instruction.

Level One:

- Junior **or** Senior year of high school
- 450 hours of work-based learning
- 2 semesters of related classroom instruction

Level Two (standard YA program):

- Junior **and** Senior year of high school
- 900 hours of work-based learning
- 4 semesters of related classroom instruction

Investing in Wisconsin's Future

YOUTH APPRENTICESHIP

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

Participation in the YA program is a unique opportunity for juniors and seniors to start preparing for a career while in high school. The one- or two-year program provides the opportunity for earning an hourly wage while learning from skilled professionals. Upon completion of a program students receive a certificate of occupational proficiency from the State of Wisconsin. Administration of the YA program will be the responsibility of the Youth Apprenticeship Coordinator. WDHS currently offers youth apprenticeships in the following areas: Agriculture/Food & Natural Resources, Finance, Health Sciences, Hospitality, Lodging & Tourism and Manufacturing.

CESA 5 Youth Apprenticeship website

YA Program	Requirements	WDHS Courses
Agriculture, Food & Natural Resources	**Level One Requirements**: At least 1 pathway unit: • Large Animal/Herd • Vet Assistant • Crops • Greenhouse • Landscaping • Water Resources 2 semesters related instruction 450 work hours **Level Two Requirements:** Minimum of 2 pathway units 4 semesters related instruction 900 work hours	**Large Animal/Herd, Vet Assistant Pathways:** Intro. Animal Science Adv. Animal Science **Crops, Greenhouse, Landscaping Pathways:** Plant Science, Landscaping **Water Resources Pathway:** Intro. to Natural Resources & Adv. Natural Resources **All Pathways:** Intro to AgriScience

	**Level One Requirements:** At least one pathway unit: • Accounting Services Basic • Accounting Services Adv. • Banking Services Basic • Banking Services Adv. • Insurance Services 2 semesters related instruction 450 work hours **Level Two Requirements:** Minimum of 2 pathway units 4 semesters related instruction 900 work hours	**CTE Courses:** Accounting Personal Finance **Other Courses**: Economics
	**Level One Requirements:** At least one pathway unit: • Dental Assistant • *Medical Assistant • *Nursing Assistant • **Pharmacy Technician • Medical Office • Ambulatory/Support Serv. (Dietary, Imaging, Lab, Optician/Optometry, Physical Therapy) 2 semesters related instruction 450 work hours **Level Two Requirements:** Minimum of 2 pathway units 4 semesters related instruction 900 work hours	**CTE Courses:** ***Nursing Assistant** (Start College Now) **Other Courses:** Anatomy & Physiology, AP Biology, Principles of Biomedical Science ***NA** - Nursing Assistant is required for Medical Assistant and Nursing Assistant (must be done before beginning pathway) **Pharmacy Technician requires an online course to be taken
	**Level One Requirements:** Minimum of TWO units: • Food & Beverage-Dining Area • Food & Beverage-Kitchen • Lodging-Front Office • Lodging-Housekeeping. • Reservations & Tour/Activity • Maintenance & Grounds • Meetings & Events • Marketing & Sales 1 • Marketing & Sales 2 • Management 1 • Management 2 2 semesters related instruction 450 work hours **Level Two Requirements:** Minimum of 4 units 4 semesters related instruction 900 work hours	**Both Food & Beverage units:** Foods for Life, ProStart 1 & 2 **Both Lodging units:** ProStart 1 & 2 **Maintenance & Grounds**: Plant Science, Landscaping **Reservations & Tour/Activity:** ProStart 1 & 2 **Meetings & Events:** Microsoft Essentials, ProStart 1 & 2 **Both Marketing units:** ProStart 1 & 2 **Both Management units:** Microsoft Essentials, Personal Finance, Accounting, ProStart 1 & 2
	**Level One Requirements:** At least one pathway unit: • Manufacturing Fundamentals • Assembly and Packaging • Manufacturing Processes • Machining • Welding • Production Operations Mng • Basic Industrial Equipment	**All Pathways:** Metals 1

	• Adv. Industrial Equipment 2 semesters related instruction 450 work hours **Level Two Requirements:** Minimum of 2 pathway units 4 semesters related instruction 900 work hours	
Science, Technology, Engineering & Mathematics	**Level One Requirements:** At least one pathway unit: • Engineering Drafting • Mechanical/Electrical Engineering • Civil Engineering • Bioscience Lab Foundations • Bioscience Applications 2 semesters related instruction 450 work hours **Level Two Requirements:** Minimum of 2 pathway units 4 semesters related instruction 900 work hours	**CTE Courses:** Advanced Animal Science Basic Interior Design **Other Courses:** Pre-Calculus, AP Calculus AP Biology Anatomy & Physiology, Principles of Biomedical Science, Physics
Transportation, Distribution & Logistics	**Level One Requirements:** Auto Collision - 2 units per year • Collision Repair Basics • Non-structural Analysis & Repair • Painting & Refinishing • Damage Analysis & Electrical Repair Auto Technician - 1 unit per year • General Auto Service • Auto/Light Truck Systems Diesel Technician* Logistics/Supply Chain Management-2 units • Planning & Purchasing • Inventory Management & Production • Storage & Warehousing • Distribution & Transportation Operations 2 semesters related instruction 450 work hours **Level Two Requirements:** Minimum of 2 pathway units 4 semesters related instruction 900 work hours	**All Pathways:** Transportation 1 Transportation 2

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. In general, 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.

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. The study and performance of the Fine Arts is significant in understanding the most important needs of a balanced society. 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
- Understanding current and future issues
- Awareness of art-related career opportunities
- Professionalism and accountability
- 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
Students may sign up for both fall and spring semester or just one semester; either the spring or fall. Students who have taken the course previously are welcome to sign up and continue to build upon and develop their own skill levels.

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 2024-25 & 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
***Possible industry certification**

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
***Possible industry certification**

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.

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.

Business & Information Technology offers students four Dual Enrollment (DE) classes that are eligible for up to 15 credits at Madison College (MATC).

Microsoft Essentials — BUME

Grades: 9 – 12
.5 Credit

This course serves as an introduction to Microsoft Word, Excel, Access, 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, database creation and management, presentation aides, and documents for publishing 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 – 1) — BUMEA

Grades: 9 – 12
Prerequisite: Microsoft Essentials or TEST OUT of Microsoft Essentials Skills
.5 Credit
***Dual Enrollment with Madison College for up to 4 college credits**

This course provides students the opportunity to expand their knowledge and skills in using the Microsoft Office Suite's programs of Word, Excel, Access, and PowerPoint. Students will extend their knowledge of these programs to create college-level research papers, business spreadsheets, multimedia presentations, database reports, and mass publishing. 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. **This class is worth four college credits through MATC and is taught at a college pace.**

Business Math — BUSMAT

Grades: 9 – 12
Prerequisite: Algebra 1
.5 Credit

Business Math offers comprehensive coverage of personal and business-related mathematics. This course will build upon basic arithmetic and algebra to enhance understanding of personal finances as well as apply fundamental mathematics to business and finance. This class will teach you how to calculate your gross and

net pay; walk you through various banking scenarios including checking and savings accounts; you'll learn the costs of using credit cards and how interest is calculated; gain insight into the most common loans you'll face as an adult; as well as discuss different ways to earn income through different investment options. Mathematical concepts covered include solving simple equations, percentages and rates, and statistics.

Intro to Entrepreneurship ([DE] [L-0.5] for class of 2025 and beyond) BUENT

Grades: 9 – 12
.5 Credit
***Dual Enrollment with Madison College for 3 college credits**

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 computer simulation, Virtual Business Management. **This class is worth three college credits through Madison College and is taught at a college pace.**

Intro to Information Technology (DE) (L-0.5) BUIIT

Grades: 9-12
.5 Credit
***Dual Enrollment with Madison College for 1 college credit**

Students will be introduced to various careers available in the vast field of Information Technology. During the course you will examine the following career paths: Network Specialist, Mobile Applications Developer, Web Software Developer, Systems Administration Specialist, Cloud Support Associate, Desktop Technician, and Network Security Specialist. Are you interested in an IT career but don't know where to start? This is the class for you! **This class is worth one college credit through Madison College and is taught at a college pace.**

Computer Science BUCSCI

Grades: 10 – 12
Prerequisite: Algebra 1
.5 credit

This course is an introduction to computer science and software engineering for all students interested in developing software applications, not just using them. Through a project-based approach, students will explore a variety of programming systems. Overview of units covered in course: Introduction to Computer Science, Algorithm Discovery and Design, Efficiency of Algorithms, Binary Numbers, Computer Systems Organization, Introduction to Software and Virtual Machines, Computer Networks and World Wide Web, and Programming and Coding.

Accounting BUACCT

Grades: 10 – 12
Recommended Prerequisite: Microsoft Essentials and Intro to Entrepreneurship
1 Credit

The objectives of this course are to develop an understanding of accounting within the operation of a business. It will create a foundation of accounting knowledge while using GAAP to complete the accounting

cycle. It will challenge students to interpret financial statements and to use accounting in making business decisions. It will provide students with opportunities to practice being an "accountant" for a business. This course is taught at an *introductory* level. Students pursuing a post-secondary or career path in business or running their own business will definitely benefit from this course.

Advanced Accounting (DE) (L – 1.0) BUACC2

Grades: 11 – 12
Prerequisite: Accounting or senior status and consent of instructor
1 Credit
***Dual Enrollment with Madison College for 4 college credits**

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. **This class is worth four college credits through MATC and is taught at a college pace.**

Personal Finance BUP

Grades: 11 - 12
.5 Credit
Required

The purpose of this course is to help students begin creating a plan for future financial independence. The course is broken down into four essential components. Career Impact addresses understanding the employment and pay process, the impact of education and training on salary and benefits, the importance of retirement planning and insurance, and the income tax process. Financial Mindset seeks to identify personal values and habits to explore setting financial goals, making financial decisions, creating, and maintaining budgets, and contractual obligations with a focus on leases. Financial Institutions shows students the tools and services available to put their financial plans into action. This will include savings and other interest-earning accounts, checking accounts, and the increasing role of digital banking. Credit and Debt focuses on the importance of establishing and maintaining a good credit history, the use of debt as a tool in their financial plan, good credit card habits, recommended debt practices, and strategies to get out of debt. Identity theft will also be addressed. This course integrates basic financial literacy with personal applications and online consumer navigational skills.

Sports and Entertainment Management BUSPEM

Grades: 10-12
.5 Credit

This specialized course is designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. Students will develop skills in the areas of facility design, merchandising, advertising, public relations/publicity, event marketing, sponsoring, ticket distribution, and career opportunities as they relate to the sports and entertainment industry.

Finance Youth Apprenticeship YA BF

Grades: 11–12
Prerequisite: Approved Application (see Ms. Campbell, YA Coordinator)
1 – 2 Credits

Youth apprentices learn the skills and knowledge needed to find entry-level employment in accounting **or** banking. Youth apprentices rotate through training areas at the worksite and take related classroom instruction. This is a one or two-year program for juniors/seniors.
Program Areas:

- Accounting Services Basic – maintain accounts, process and post journal entries, prepare worksheets, maintain fixed asset records, and assist to prepare financial statements, process asset depreciation and process depreciation budgets

-OR-

- Banking – Teller services including processing cash deposits, check deposits, transfers between accounts, and a wide variety of customer service

Students interested in finding out more about a Youth Apprenticeship program or who would like an application should talk to their school counselor. Students can apply in their sophomore or junior year.

Marketing Youth Apprenticeship YAM

Grades: 11-12
Prerequisite: Approved Application (see Ms. Campbell, YA Coordinator)
1-2 Credits

Youth apprentices learn the skills and knowledge needed to find entry-level employment in retail and selling careers. This is a one or two-year program for juniors/seniors.
Program Areas:

- Professional Sales – plan sales activities, acquire product knowledge, communicate product features, perform pre-sales activities, create customer relationships, process sales
- Merchandising – employ product-mix strategies, develop merchandise plans, employ visual merchandising, implement display techniques, follow merchandise security procedures, inventory management, process sales
- Marketing communications – target audiences using promotions channels, execute an ad campaign, use information-technology tools to manage communications, use public-relations activities, employ sales-promotion activities, maintain technology security
- Marketing Management/Leadership – understand human-resource laws, supervise and train, increase workplace efficiency through teamwork, maintain business records, assist with strategic planning, manage business relationships

Information Technology Youth Apprenticeship YA IT

Grades: 11 – 12
Prerequisite: Approved Application (see Ms. Campbell, YA Coordinator)
1 – 2 Credits

Youth apprentices learn the skills and knowledge needed to find entry-level employment in accounting or banking. Youth apprentices rotate through training areas at the worksite and take related classroom instruction. This is a one or two-year program for juniors/seniors. Competencies students will learn about include:

- General Information Technology - IT Essentials covers basic skills relevant to working with computer devices, applications, and support including data analysis, scheduling, system monitoring, installation and configuration
- Network Systems and Information Support and Services – combination of hardware elements with network systems including record maintenance, technical support, system maintenance, system upgrades, and networking systems

- Programming and Software Development Software – use of software to manipulate, evaluate, and customize programming including office applications, database security, data integrity, troubleshooting, software modifications, and writing code
- Web & Digital Media Communications – web page development and design including media production, content structure, graphics editing, website layout and templates, user testing and website maintenance

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 (CP) 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 (CP) 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 (CP) (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 British and American 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 (CP) 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. This course is designed for students who are career-bound after high school.

Junior Literature and Composition (CP) ENJRLC

Grades: 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. This course is designed for the college-bound student.

English 12 (CP) ENG12

Grade: 12
Prerequisite: Junior Literature and Composition or English 11
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 (CP) ENSRLI

Grade: 12
Prerequisite: Junior Literature and Composition or English 11
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 (CP) (L – 1.0) AP LAN

Grades: 11 – 12
Prerequisite: AP Prep English 10 or Junior Literature and Composition
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.

AP Literature and Composition (CP) (L – 1.0) AP LIT

Grade: 12
Prerequisite: AP Language and Composition
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.

ELL English Literature ENLIEL

Grades: 9-12
Prerequisite: Consent of the instructor
1 Credit

ELL English Literature is a course designed with newcomer students in mind. A newcomer student is a student who is new to the district and the English language. With this course, newcomer students will be exposed to the English language in an environment that is suited to learning language while obtaining content. This course will integrate phonics, pronunciation, vocabulary, and literary devices, as tools to assist in reading, comprehending, and analyzing literature. It will focus on close reading strategies, oral presentations, and well-structured paragraph writing using MLA format to achieve the goal of both the ELA and ELL WIDA standards. This course will be in place of a regular education English course in the hopes that it will help newcomer students ease into mainstream classrooms more effectively. This course can only be taken once.

ENGLISH ELECTIVE

Publications - Yearbook ENPUB

Grades: 9 – 12

Prerequisite: This course requires an application and approval from an advisor.
1 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.

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 possible college credits, depending on the courses taken.

Child Development (Beginning with the class of 2025 (DE) (L-0.5) FCDEV

Grades: 9 – 12
.5 Credit
Dual Enrollment with Fox Valley Technical College (FVTC) – 3 credits

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.

If interested in following the Child Care Services pathway to a career in childcare, students need to set up their four-year plan accordingly and apply to the FCS Chair, Mrs. Michalsky, for the childcare work experience by February 15 of their junior year.

Health, Safety & Nutrition (DE) (L – 0.5) FCCARE

Grades: 11 – 12
Dual Enrollment with Fox Valley Technical College (FVTC) - 3 cr.

Prerequisite: Child Development
.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 Child Care Centers. Completion of the certificate places individuals at Registry Level 7.

Food for Life FCFCFL

Grades: 9 – 12
.5 Credit
***Required for Dual Enrollment in Nutrition for Culinary Arts and ProStart**

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 (Beginning with the class of 2025 (DE) (L - 0.5) FCNCA

Grades: 10-12
Prerequisite: Food for Life
.5 Credit
Dual Enrollment with Fox Valley Technical College (FVTC) - 2 cr.

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.**

ProStart® 1 & 2 (DE) (L – 0.5 each) FCPS1

Grades: 11 – 12
Prerequisite: Food for Life and Nutrition for CA
1 Credit
***Dual Enrollment at multiple schools in the UW System and WTCS for up to 12 college credits if the student passes the National Restaurant Association certification exam for each level (1 & 2).**
****Dual Enrollment at Madison College will be given for passing the ServSafe® Certification exam as part of the Principles of Sanitation course (2 credits).**
*****Dual Enrollment with Fox Valley Technical College (FVTC) for 3 credits if you take BOTH levels, as well as 2 Dual Enrollment credits toward sanitation in food service at FVTC.**

The ProStart® 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 can choose to work toward a certificate from the National Restaurant Association and will only be awarded the certificate if the student completes their work

experience and classroom instruction and passes the certification exam. Students will also learn 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.**

Introduction to Hospitality (DE) (L – 0.5) FCIHOS

Grades: 9 – 12
.5 Credit
***Dual Enrollment with Madison College for 3 credits**

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 ProStart®, though the courses need not be taken concurrently. **This class is worth three college credits through Madison College and is taught at a college pace.**

Hospitality, Lodging, and Tourism Youth Apprenticeship YA FHL

Grades: 11 – 12
Prerequisite: Approved Application (see Ms. Campbell, YA Coordinator)
1 – 2 Credits

Youth apprentices learn the skills and knowledge needed to find entry-level employment in the hospitality field. Youth apprentices rotate through training areas at the worksite and take related classroom instruction. This is a one or two-year program for juniors/seniors.

Two areas are required for a one-year program and four areas are required for a two-year program. The specialty areas include:

- Food & Beverage: Dining Area – serve customers, process sales, maintain service area and bus station, and set up a meeting.
- Food and Beverage: Kitchen Area – coordinates food orders, assists to prepare menu items, follow inventory procedures, and follow safe food handling and sanitation procedures.
- Maintenance & Grounds
- Marketing, Sales, Meetings & Events
- Lodging: Front Office, Housekeeping, or Management.

Students interested in learning more about a Youth Apprenticeship program, or would like an application, should talk to their counselor or Mrs. Michalsky, CTE Coordinator. Applications for Youth Apprenticeship programs should be turned in by March 1. Students can apply in their sophomore or junior year.

Health Science Youth Apprenticeship YA FHS

Grades: 11 – 12
Prerequisite: Approved Application (see Ms. Campbell, YA Coordinator)
1 – 2 Credits

Youth apprentices learn the skills and knowledge needed to find entry-level employment in the healthcare field. Youth apprentices are employed at a related worksite and take concurrent classroom instruction. This is a one- or two-year program for juniors and/or seniors. Pathways include Medical Assistant and Nursing Assistant where CNA certification is required, Dental Assistant, Pharmacy Technician where an online course will be taken while working, Medical Office and Ambulatory/Support Services.

Students who are interested in finding out more about one of the Healthcare Youth Apprenticeship programs should talk to their Ms. Campbell, YA Coordinator and/or Mrs. Michalsky, CTE coordinator. Youth Apprenticeship applications should be turned in by March 1. Students can apply in their sophomore or junior year.

Basic Interior Design — FCINDB

Grades: 9 – 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
.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.**

*Students may opt to continue in fashion analysis by applying for the FACS Cooperative Work Experience, where students will work in the industry.

FACS Cooperative Work Experience — FCCOWE

Grades: 11 – 12
Prerequisite: Consent of Instructor and one of the three previous courses in Education & Training
1 or 2 Credits

Students will work off campus during the school day for both pay and credit. Students can apply to work in one of five areas upon successfully completing proper coursework. Students are selected individually according to their genuine desire to learn a career. Careers vary and are found in:

- Food Service Cooperative Experience
- Fashion
- Basic Interior Design
- Child Care Teacher Cooperative Experience (C.C.T. Certificate)
- Family Services

Rewards from this program include, but are not limited to, advanced placement in post-secondary programs, scholarship eligibility, and the ability to earn state-recognized skill certificates.

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.

Core classes at Wisconsin Dells High School include Algebra 1, Geometry, Algebra 2, Functions, Statistics, and Trigonometry, Precalculus and Discrete Mathematics, and Advanced Placement Calculus AB. Students need at least 3.0 credits of mathematics to graduate from Wisconsin Dells High School. Any high school mathematics course taken by a middle school student does not qualify as a high school graduation requirement.

Algebra 1 (CP) MAA1

Grades: 9 – 12
Prerequisite: Local and state assessments
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 (CP) 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 (CP) 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.

Intro to College Algebra (DE) (L - 0.5) MAICA

Grades: 11 - 12
Prerequisite: Geometry
1 Credit
***Dual Enrollment with Madison College for 3 college credits**

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. **This class is worth 3 college credits through Madison College and is taught at a college pace.**

Functions, Statistics and Trigonometry (CP) (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 course 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.

Precalculus & Discrete Mathematics (CP) (L – 0.5) MAPREC

Grades: 11 – 12
Prerequisite: FST or concurrent with FST per consent of instructor
1 Credit

In Precalculus and Discrete Mathematics (PDM), 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 (CP) (L – 1.0) AP MCA

Grade: 12
Prerequisite: Pre-Calculus & Discrete Mathematics
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)

Grade: 12
Prerequisite: Functions, Statistics and Trigonometry
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.

General Band

Grades: 9 – 12

Wisconsin Dells High School offers two band classes, Concert Band and Symphony Band.

Band is a performance class that will address state music standards through preparation for performance. It is open to any student with previous band experience. Areas stressed will include correct instrumental techniques, improvisation, composition, reading and notating music, analysis, and evaluation. Performances are a required part of the band experience.

All instrumental music classes will also 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 resume.

Concert Band MUBCON

Grade: 9
Prerequisite: Previous Band Experience

This band will consist of the majority of ninth grade students and will perform music at the class B level. Basic performance techniques, including tone production, tuning, reading rhythms and notes, articulations, and listening skills will be stressed. Students are required to attend performances including Marching Band, Pep Band, concerts, solo and ensemble and other performances.

Symphony Band MUBSYM

Grades: 10-12
Prerequisite: Previous Band Experience

This band will consist of upperclassmen and some advanced freshmen performing music from the Class A contest list. Advanced performance skills will be stressed including advanced 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-ensemble activities is strongly encouraged. Performance attendance at Marching Band, Pep Band, concerts, and other scheduled activities is required.

Activities included in both Concert Band and Symphony band are:

- **Marching Band**: This activity is required of all band students in Concert Band and Symphony Band. Summer camp is required for all students and students can earn .25 credits in summer school for their participation in Marching Band before school begins. 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. Students are required to perform at some Pep Bands, 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 many opportunities for outside performances that count as community service.

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. This band will consist of ninth through twelfth grade students concurrently enrolled in band. Basic to advanced jazz ensemble performance techniques including tone production, tuning, reading rhythms and notes, articulations, and solo improvisation in the swing style and various other jazz styles will be stressed. Listening to the swing style, various other jazz styles, artists, and ensembles will be emphasized in this class. Jazz music theory will be integrated into the class. Students will understand different perspectives on current jazz music and how it relates to our present-day society. Students will be required to perform at annual concerts, big band dances, community events, and various festivals throughout the year as part of the credit requirement.

All instrumental music classes will also address Core Standard Literacy Competencies. Students will develop portfolio components that reflect competent writing skills and advancing instrumental skills. Jazz participation offers exciting material to include in a portfolio and resume.

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

Chorus - Women's Choir MUCWC

Grades: 9 – 12 Women
1 Credit

This is an elective course, and it is assumed that you enjoy singing and want to grow as both an individual singer and choir team member. While this choir is open to all high school grades, *freshman women will be expected to start in Women's Choir* before being enrolled in Concert Choir. No audition is required, and all performances are required unless the instructor consents to your absence.

The focus of this choir will be placed strongly on the development and growth of the female voice and female specific choral singing. The elements of music, basic theory, musicality, and vocal techniques, which include singing, listening, analyzing, reading, and responding to music are taught through a variety of repertoire during daily rehearsals.

$$ Choir members are required to have a performance uniform. This includes a choir T-shirt as well as either a Columbia Blue Scarf or Columbia Blue Tie and Suspenders. The fees are:

- T-shirt: $10
- Purchase of scarf or tie and suspenders: $18 to keep as your own
- Rental of scarf or tie and suspenders: $5 per school year and returned after each performance

**** Students who qualify for free or reduced lunch may be eligible for reduced fees. Contact the instructor or your counselor for more information about uniform fees.****

Chorus - Concert Choir MUCCC

Grades: 9 – 12

Prerequisite: Previous experience in choir
1 Credit

This is an elective course open for men in grades 9-12 and women in grades 10-12. The intent of this class is to continue building strong musicianship and vocal technique through different genres of choral singing. No audition is required, and all performances are required unless the instructor consents to your absence.

This choir will be expected to sing 4–6-part music and need to come to class with a commitment towards being a strong choir member and individual musician. Emphasis on more advanced singing techniques and music from more varied styles, composers, cultures, and time periods will serve as our curriculum throughout the year.

$$ Choir members are required to have a performance uniform. This includes a choir T-shirt as well as either a Columbia Blue Scarf or Columbia Blue Tie and Suspenders. The fees are:

- T-shirt: $10
- Purchase of scarf or tie and suspenders: $18 to keep as your own
- Rental of scarf or tie and suspenders: $5 per school year and returned after each performance

**** Students who qualify for free or reduced lunch may be eligible for reduced fees. Contact the instructor or your counselor for more information about uniform fees.****

Music Appreciation (offered in 2023-24 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. Being that this is an elective course, it is assumed students enjoy music and want to discover more about music.

Beginning Music Theory (offered in 2024-25 and every other year) MUBMT

Grade: 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) MUAPMT

Grade: 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

Grade: 11 – 12
Corequisite: Band or Choir, 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

Grade: 11 – 12
Corequisite: Band or Choir, 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.

All freshmen are required to enroll in either Fitness for Life or Strength and Conditioning.

- Freshman athletes are strongly encouraged to enroll in Strength and Conditioning both semesters.
- Freshmen students can repeat Strength and Conditioning first and second semester
- Freshman can repeat Fitness for Life first and second semester.
- **Freshman cannot be enrolled in Strength and Conditioning and Fitness for Life in the same semester.**

All sophomores, juniors and seniors are required to take 1 credit of P.E. during this 3-year period.
Elective classes that count toward the sophomore through senior P.E. requirement:

- 10-12 P.E.
- Fitness for Life
- Strength and Conditioning - **All 10-12 athletes are strongly encouraged to enroll in Strength and Conditioning both semesters.**
- Advanced Strength and Conditioning
- Competitive Physical Education (11-12)
- Mind and Body Connection (11-12)
- Leadership Through Physical Education (11-12)

* Sophomores through seniors can enroll in 10-12 PE and another elective in the same semester. **However, a student cannot be enrolled in 3 elective P.E. classes in any one semester.**

* **Sophomore through seniors cannot be enrolled in Strength and Conditioning and Fitness for Life in the same semester.**

*Sophomore through seniors can repeat any of the 3 electives.

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 Sexuality
- Nutrition
- Drug and 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 fitness levels, but do not like lifting free weights, team sports, or net/target games.** Each student will be challenged in a wide variety of fitness activities including aerobic training, body weight training, functional training, and plyometric training. The goal of this class is to have every student improve on their fitness level.

- **Students cannot have Fitness for Life and Strength and Conditioning in the same semester.**

P.E. 10 - 12 PE1012

Grades: 10 - 12
.5 Credit

This is a general pe elective class for sophomores through seniors that will emphasize improving fitness levels through participating in a wide variety of activities. **This class is for students who like to participate in team sports and net/target games**. Activities include but are not limited to lacrosse, soccer, speedball, ultimate frisbee, basketball, volleyball, badminton, pickleball.

Strength and Conditioning PESC

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 conditioning levels including: free weight training (focusing on bench press and back squat), plyometric training, speed training and agility 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.**

- **Students cannot have Strength and Conditioning and Fitness for Life in the same semester.**
- **Students must get a C or better to repeat Strength and Conditioning.**

Advanced Strength and Conditioning

Grades: 10 – 12 (Periods 1 & 2)
Prerequisite: Strength and Conditioning + Consent of the instructor
Enrollment - Will be limited, with seniors having priority
.5 Credit

This is an advanced strength and athletic development class that incorporates complex strength and athletic movements to build students' strength and conditioning levels including free weight training focusing on the bench press, back squat, plyometric training, and speed training. Students who choose this elective will be challenged to perform and participate at a high level. Varsity athletes are strongly encouraged to take this class.

- **Students cannot have Advanced Strength and Conditioning and Fitness for Life in the same semester.**
- **Students must get a B or better to repeat Advanced Strength and Conditioning.**

Competitive Physical Education

Grades 11 - 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 lacrosse, 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

Grades 11 - 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

Grades 11- 12
.5 Credit

Prerequisite: Instructor pre-approval is required to be placed in this course. Students will need to fill out an application to be a mentor in this class.

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, and human relations should consider taking this course.
CLASS LIMIT: 10

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**

Grade: 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

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

Animal Science is a one-semester course 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 (Beginning with the class 2025 (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**

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 a one-semester course 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 SCAGNR

Grades: 10 – 12
.5 Credit

Natural Resources is a one-semester 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 (offered in 2023-24 and every other year) 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 Lakeshore Technical College for 3 college credits**

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.

Through this lab-intensive course 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

Course Description: 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.

Agriculture Co-op SCAGOP

Grade 12

Prerequisite: Students must have completed one credit of agriculture prior to enrollment in this course

1 Credit

Special Note: *Class may be taken as a semester course with consent of instructor*

This course is for seniors who want agricultural work experience and documentation of skill standards. Students will be in the field from week one. Site visits will be scheduled with the instructor on a quarterly basis. Completion of a resume, job application, work agreements, hour logs, interviews, and quarterly manager evaluations will be completed. Students must complete an FFA proficiency application focusing on the area of their employment. Membership in FFA is mandatory for this class.

Production Agriculture – Animal Pathway Youth Apprenticeship YA AGA

Grades: 11 – 12

Prerequisite: Approved Application (see Ms. Campbell, YA Coordinator)

1 – 2 Credits

Youth apprentices learn the skills and knowledge needed to find entry-level employment in agriculture. They rotate to a variety of areas at the worksite and participate in related classroom instruction. This is a one or two-year program for juniors/seniors.

The units' students can choose from include:

1) Animal Basics: clean & maintain animal quarters, safely handle animals, mix feed/additives/medicines, observe & measure animal physical characteristics, collect samples for testing/food production, maintain animal care & business records, manage inventory

2) Large Animal/Herd: clean, groom, feed, water, mark/tag, and herd/monitor animals, collect and process animal products/by-products, operate equipment /machinery safely
3) Small Animal/Vet Assistant: manage clinic/research appointments, clean/sterilize equipment, run basic diagnostic tests, assist to prepare animals for surgery

Production Agriculture – Plants Pathway Youth Apprenticeship YA AGP

Grade: 11 – 12
Prerequisite: Approved application (see Ms. Campbell, YA Coordinator)
1 – 2 Credits

Youth apprentices learn the skills and knowledge needed to find entry-level employment in Agriculture. They rotate to a variety of areas at the worksite and take related classroom instruction. This is a one- or two-year program for juniors/seniors.

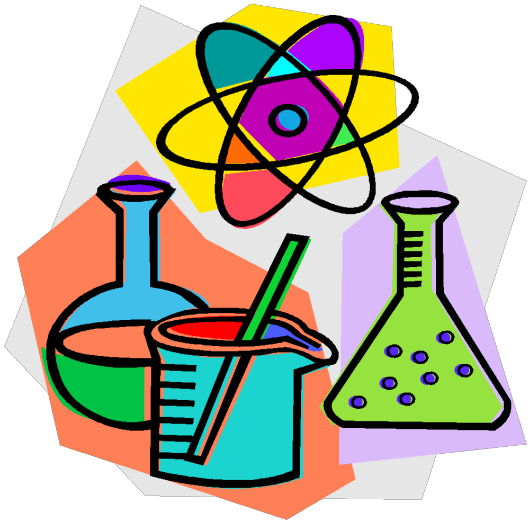
The units' students can choose from include:

1) Plant Basics: prepare planting spaces & soils/mediums, plant seeds, seedlings, and cuttings, manage inventory, and apply fertilizers
2) Crops: assist to plan crop from rotation schedule, plant crops, harvest crop product, inspect, sort and store product, clean/service equipment, and machinery safely
3) Greenhouse/Floral: process sales, implement crop planting plan, fill, and package orders, sharpen hand tools, and service customers
4) Landscaping: measure and prepare landscaping site, test soil, assist to create design, sharpen hand tools, plant, and maintain landscaping materials

Students who are interested in finding out more about a Youth Apprenticeship program should talk to their school counselor. Applications for Youth Apprenticeship programs should be turned in by March 1. Students can apply in their sophomore or junior year.

SCIENCE DEPARTMENT

The Science Department offers a variety of courses to cover all aspects of science. All students are required to earn 3.0 credits of science including successful completion of Biology, and Conceptual Chemistry or Chemistry. A minimum of three credits of College Prep (CP) science, including Biology, are required for admission into a four-year college.



Biology (CP) SCBIO

Grades: 9 – 12
1 Credit

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. This course is a requirement for graduation.

Geology SCGEO

Grades: 9 – 12
.5 Credit

This course acquaints students with basic scientific principles that apply to the earth and our natural environment. Emphasis is placed on current and historical geologic processes of North America with particular emphasis on Sauk County and the Wisconsin Dells area. Laboratory work includes exercises with maps, rock structures, minerals, fossils, and energy resources. New discoveries and environmental issues are discussed. Field experiences are an integral part of the course. Topics at a glance: geologic history, composition of the Earth, plate tectonics, climate and the Earth, extraterrestrial forces and energy, Earth resources and sustainability, forces that shape Earth's crust and geologic hazards and their impacts.

Chemistry (CP) 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. This course is a requirement for graduation.

Physics (CP) 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.

Advanced Physics (CP) (L – 0.5) SCAPHY

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

This is a college prep course for students who may be interested in studying Physics as a basis for more advanced work in life sciences, medicine, and other technical areas, or as a component in a non-science college program that has a science requirement. 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. Students must have completed Algebra 2 or be currently enrolled prior to taking this course.

Anatomy & Physiology (CP) (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 (CP) (L – 1.0) 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. All students are expected to take the AP Exam.

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 (CP) (L – 0.5) SCPBSC

Grades: 10 – 12
Prerequisite: Biology
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 (CP) (L – 1) SCHBS

Grades: 11 – 12
Prerequisite: Biology and Chemistry or concurrent with Chemistry, Principles of the Biomedical Sciences
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.

The courses are structured to help students prepare for the college or career path. All students need 3 Social Studies credits to graduate. Freshmen are required to take either U.S. History for 1 credit: sophomores, World History for 1 credit and juniors or seniors, Civics for a .5 credit. The additional .5 credit can be selected from one of the department electives.

U.S. History (CP) SSUS

Grade: 9
1 Credit

U.S. History will examine the development of the United States from the Post Civil War era to present time. The first half surveys the topics of Industrialization, Imperialism, Progressivism, World War I, and the Great Depression. The second half begins with World War II, the Cold War, Civil Rights, the Cultural Revolution of the 60s, Vietnam, and the 70s and culminates with an examination of our nation and its place in the world today.

World History (CP) SSWH

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

World History will provide an overview of the modern history of human society in the past few centuries. The course will study the Renaissance period to the contemporary period. Students will be studying political,

economic, religious, military, and cultural developments. Emphasis will be placed on the regions that have an impact on today's Western Civilization.

Civics (CP) SSCIV

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

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 (CP) SSECON

Grades: 11 – 12
Prerequisite: U.S. History or AP Prep U.S. History and World History or AP World History or AP European 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 (CP) SSPSYC

Grades: 11 – 12
Prerequisite: U.S. History or AP Prep U.S. History and World History or AP World History or AP European 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 (CP) SSSOC

Grades: 11 – 12
Prerequisite: U.S. History or AP Prep U.S. History and World History or AP World History or AP European 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 (CP) SSWG

Grades: 11 – 12
Prerequisite: U.S. History or AP Prep U.S. History and World History or AP World History or AP European 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 (CP) (L – 1.0) AP US

Grade: 10 – 12
Prerequisite: US History or AP Prep U.S. 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 (CP) (L – 1.0) (offered in 2023-24 and every other year) AP WH

Grade: 10 – 12
Prerequisite: U.S. History or AP Prep U.S. History
1 Credit

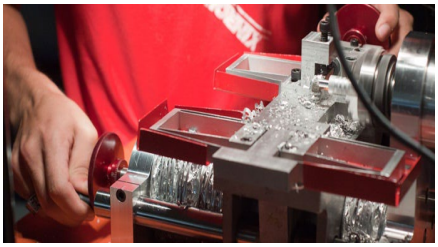
AP World History focuses on developing students' abilities to think conceptually about world history from approximately 8000 BCE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance — focusing on the environment, cultures, state-building, economic systems, and social structures — 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 designed for students to take the AP World History exam in the spring. AP World History will alternate with AP European History, to increase the advanced level offerings provided in the Social Studies department.

AP European History (CP) (L – 1.0) (offered in 2024-25 and every other year) AP EUR

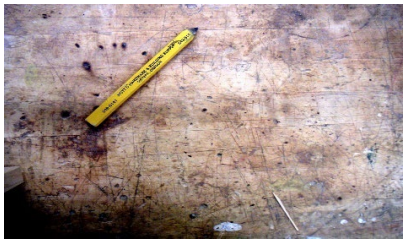
Grade: 10 – 12
Prerequisite: U.S. History or AP Prep U.S. History
1 Credit

AP European History is designed to provide college bound learners a chance to gain a deeper understanding of the way in which our world was shaped by the European experience. The course will cover European History from 1450 until the present, or basically from the Italian Renaissance until the most recent actions of the European Union. AP European History will alternate with AP World History, to increase the advanced level

offerings provided in the Social Studies department. It is the expectation that all students who sign up for this class will take the AP exam.



Metals



Woodworking

Automotive

TECHNOLOGY EDUCATION DEPARTMENT

Courses in the Technology Education Department are committed to teaching the application of modern technology. We feel that 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 of technology
- Understand how these systems function
- Understand and gain respect for the relationships existing between society & technology
- Explore career opportunities and personal interests in the technology fields
- Prepare for continued education or job entry into a technology field

$$- 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.

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.

Home/Auto Maintenance $$ — TEHAM

Grades: 11 – 12

.5 Credit

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 automobile and perform those maintenance procedures. Students will also explore common maintenance required for homeowners/renters and perform those maintenance procedures as well. 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 during their high school career. 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 problems that all people will face in future years.

Automotive Technology 1 TETR2

Grades: 10 – 12
Prerequisite: Small Engines with a C or better
.5 Credit
STUDENTS WHO PLAN TO TAKE AUTO TECH 1 SHOULD NOT TAKE HOME/AUTO MAINTENANCE.
Auto Technology 1 is a laboratory- based course designed to introduce you to automotive maintenance, repair, and diagnosing. Students will learn industry standards for automotive maintenance, repair, online service manuals, diagnostic skills that include scan operation, engine theory and operation, and transmission 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 will be the responsibility of the vehicle owner. It is recommended that students have a valid driver's license for this course.

Automotive Technology 2 TEAT2

Grades: 10-12
Prerequisite: Auto Technology 1 with a C or better

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 will be 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 and are also strongly encouraged to take part in Youth Apprenticeship.

Drafting and Computer-Aided Design 1 TE3DMI

Grades: 9 – 12
.5 Credit

This course covers the basic CAD principles and practices that are used in industry today. The goal is to develop critical thinking skills via technical prints and drawing. The main tool that is used for this course is SolidWorks, which students will work towards becoming an industry recognized "Certified SolidWorks Mechanical Design Associate". Students will create three-dimensional parts, assemblies, and drawings that will be 3D printed to make them into reality.

Drafting and Computer- Aided Design 2 TEAD3D

Grades: 11-12
Prerequisite: Drafting and Computer-Aided Design 1 with a C or better
.5 Credit

If you enjoyed Drafting and CAD, this course is for you! The course study is intended to build on knowledge learned in CAD 1 and expand it even further. Students will work towards becoming an industry recognized "Certified SolidWorks Mechanical Design Professional", the step above the Associate level certification earned

in CAD 1. Students will create advanced three-dimensional parts, complex assemblies, and design their own parts to be 3D printed. 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.

Woodworking for Manufacturing & Construction 1 $$ TEWOO1

Grades: 9 - 12
.5 Credit

Woodworking 1 for Manufacturing and 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 wood's lab.

Construction $$ TECONS

Grades: 10 – 12
Prerequisite: Woodworking for Manufacturing & Construction 1 course completed with a C or better
.5 Credit

This is a hands-on project-based course that introduces students to various areas and standards throughout the construction industry. Students will learn industry safety standards for tools and equipment found in construction. 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.

Woodworking for Manufacturing & Construction 2 $$ TEWOO2

Grades: 10 - 12
Prerequisite: Woodworking for Manufacturing & Construction 1 course completed with a C or better
.5 Credit

Woodworking 2 for Manufacturing and Construction is a hands-on project- based course designed to give students a furthered understanding of industry standards for construction and manufacturing. The course will provide students the opportunity to advance skills learned during Woodworking 1 for Manufacturing and 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.

Woodworking for Manufacturing and Construction 3 $$ TEADWD

Grades: 11 – 12
Prerequisite: Woodworking for Manufacturing & Construction 2 course completed with a C or better
1.0 Credit

Woodworking 3 for Manufacturing and Construction is a hands-on project- based course designed to give students a furthered understanding of industry standards for construction and manufacturing. The course will provide students the opportunity to advance skills learned during Woodworking 2 for Manufacturing and Construction. In this course students will construct a large personal project or several smaller personal projects of their choice using manufacturing and construction standards. 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 1 $$ TEMET1

Grades: 9 – 12
.5 Credit

This is a project- based, introductory course for students interested in the technology involved in the manufacturing industry and its career pathways. Students will learn the basics of manufacturing using precision measurement, shielded metal arc welding, sheet metal, and various metal forming processes. Students will fabricate a project using complex blueprints and various manufacturing techniques.

Metals Manufacturing 2 $$ TEMET2

Grades: 10 – 12
Prerequisite: Metals Manufacturing 1 with a C or better
.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 use advanced techniques in Mig and flux core welding, blueprint reading, CNC plasma cutting, CNC laser engraving and measurement to fabricate a large project. Students will learn the material properties of carbon steels and hot processes in manufacturing such as heat treating and forging. Students will then produce a forged and heat- treated product.

Metals Manufacturing 3 $$ TEMET3

Grades: 10 – 12
Prerequisite: Metals Manufacturing 2 with a C or better
.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 design and model a personal project to industry standards. They will then draw up plans, keeping detailed design reports. Students will then fabricate their project using appropriate manufacturing tools and equipment such as CNC plasma cutters and laser engravers,

sheet metal, MIG and Flux core welders, forging and heat treatment devices.

YOUTH APPRENTICESHIP PROGRAMS for Technical Education

Automotive Technician Youth Apprenticeship — YA TEA

Grades: 11 – 12
Prerequisite: Approved Application (see Ms. Campbell, YA Coordinator)
1 – 2 Credits

Youth apprentices learn the skills and knowledge needed to find entry-level employment as automotive technicians. Youth apprentices rotate through training areas at the worksite and take related classroom instruction. This is a one- or two-year program for juniors/seniors.

Competencies the students will learn about include:

- Auto Servicing – Observation of business operations, performance of vehicle inspections and maintenance
- Electrical/Electronic Systems – Maintenance per manufacturer's schedules and electrical/electronic repair or component replacement
- Suspension and Steering – Performance of suspension and steering system service, repair and component replacement
- Engine Performance – Service, repair, and component replacement
- Maintain Engine Performance and control vehicle emission
- Brake Systems – Diagnosis of power assist and anti-lock brake systems

Manufacturing Youth Apprenticeship — TA TEM

Grades: 11 – 12
Prerequisite: Approved Application (see Ms. Campbell, YA Coordinator)
1 - 2 Credits

Youth apprentices learn the skills and knowledge needed to find entry-level employment in manufacturing. Youth apprentices rotate through training areas at the worksite and take related classroom instruction. This is a one- or two-year program for juniors/seniors.

Competencies the students will learn about include:

- Manufacturing Fundamentals – Interpret technical drawings, measure using various instruments, and operate tools and equipment safely.
- Production Pathways – a minimum of 1 of the following production pathways is required for a one-year program and 2 pathways for a 2-year program. Pathways included are, Assembly & packaging, casting, conditioning, forming, molding, machining- grinder/lathe, and finishing.

Transportation, Distribution, & Logistics Youth Apprenticeship — YA TDL

Grades: 11 – 12
Prerequisite: Approved Application (see Ms. Campbell, YA Coordinator)
1 – 2 Credits

Welding Youth Apprenticeship — YA WEL

Grades: 11 – 12
Prerequisite: Approved Application (see Ms. Campbell, YA Coordinator)

1 - 2 Credits

Youth apprentices learn the skills and knowledge needed to find entry-level employment in welding. Youth apprentices rotate through training areas at the worksite and take related classroom instruction. This is a one- or two-year program for juniors/seniors.

Competencies the students learn about include:

- Welding Basics – Interpret basic elements of a drawing or sketch, fabricate parts from a drawing or sketch, and examine cut surfaces and edges of prepared base metal parts
- Welding Principles and Practices – Stick, MIG, TIG or Flux Core
- Cutting Principles and Practices – Plasma, Laser, Air Carbon, Machine Oxyfuel, or Manual Oxyfuel

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 (CP) 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 (CP) 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 (CP) 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 (CP) WLSP4

Grades: 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 (CP) 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 (CP) 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 (CP) 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.