SCHOOL DISTRICT OF WISCONSIN DELLS

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2020-2021 COURSE DESCRIPTIONS

WISCONSIN

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WORLD LANGUAGE DEPARTMENT **66-68**

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 of these 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 plans, there is flexibility within your high school schedule to make adjustments to 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. Students attending a four-year college need to take an entrance exam (ACT or SAT) to be considered for admission.

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 have to 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 ASP.

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 earn Laude points **(- # of points).**

(DC): Dual Credit – courses marked as "DC" earn credit for both high school and college. Upon completion of a dual credit course, you will receive a college transcript listing the course and credit you have earned.

WISCONSIN DELLS HIGH SCHOOL GRADUATION REQUIREMENTS

Curricular Areas:	Credits:
English	4.0
Social Studies	3.0
Mathematics	3.5
Science	3.5
Physical Education	1.5
Fine Arts	1.0
Health	0.5
Personal Finance	11.0
Electives	
TOTAL CREDITS REQUIRED	**28.0**

Graduation Non-Credit Requirements

Wisconsin State Civics Exam - Any students graduating from a Wisconsin high school (starting with the class of 2017) "takes a civics test 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).

Health - The law identifies that the ½ credit in health education may be taken in grades 7-12. (Wis. Stat. sec.118.33). SDWD students who successfully complete Health in 8th grade meet the Health education requirement.

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, foreign 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 foreign language for admission.

2. All students planning to attend a UW System school must take the ACT or SAT. The ACT is the preferred test for Wisconsin colleges.

3. Admission to a UW System school is determined by:
   - Successful completion of the above academic credit requirements: **AND**
   - ACT/SAT score, rigor of H.S. courses taken, and writing ability

4. 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 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 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 or AP Prep English 9	1.0 credit
Social Studies: U.S. History or AP Prep U.S. History	1.0 credit
Science: Biology	1.0 credit
Math:	1.0 credit
Physical Education: P.E. 9/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
Science*:	0.5 credit
Math*:	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

*It is recommended four-year college bound students take 1 credit of math and 1 credit of science each year.
**Students who did not pass Health in 8th or 9th grade or transfer students who have not completed Health in their previous district will be required to take Health.
*** One Fine Art credit is required for graduation and may be taken in any year.

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 registration orientation at school and will be advised to take materials home to discuss their choices with parents.

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.**

MAKING UP CREDIT

There are two ways a student who has failed a course can make up credit:

1. **Take the course over**
2. **Take Odysseyware online course through summer school.**

See your counselor if you have any questions regarding making up credit.

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.

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 Calculus BC
- AP Chemistry
- AP Language and Composition
- AP Literature and Composition
- AP Music Theory
- AP Psychology
- AP U.S. History
- AP World History
- AP European History

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

- Students must determine whether or not 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.
- Students enrolling in an AP class during a school year will be allowed to take a Study Hall.
- 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.

GED Option 2

Grade: 12

An alternative learning program in which students fulfill the following:

a) Students will be at least 17 years of age.

b) Students will be at least one year behind their 9th grade class in credits earned.

c) Students must be able to demonstrate an ability to read at or above the 9th grade level.

d) A formal meeting(s) will be held before a student is allowed to begin a GEDO #2 program. This meeting will include a discussion of the educational options available to the student; the academic, attendance and behavioral expectations of the student once in the program; and the anticipated goal of the program (traditional high school diploma). Educational options should also be discussed if a student completes academic preparation before they are eligible to take the final GED test. The student, his or her parent or guardian, the student's school counselor, principal, and at least one teacher (or their designees) must participate in the meeting(s).

e) Students must volunteer for the program after participating in the meeting described in (d) above.

f) A contract with the student, the student's parent/guardian(s), the school, and the GEDO #2 program coordinator outlining the hours of attendance, academic and behavioral expectations, and services to be provided by the school district will be signed.

g) Students with disabilities will not be excluded from the program, but must have a current IEP recommending participation in GEDO #2. The IEP must document any related aids and services necessary for successful completion of the program.

h) Students participating in the GEDO #2 program will be required to meet the high school graduation requirements under §118.33, Stats. or district policy.

i) Students who successfully complete GEDO #2 requirements will be entitled to a traditional high school diploma issued by Wisconsin Dells High School.

INDEPENDENT STUDY

Grades: 11 – 12
Credit as arranged

Students may take an Independent Study course which can provide: 1) additional or further depth into a course already part of the school curriculum; 2) the opportunity for the study of a unit of work not covered in the school curriculum; 3) an alternative method for taking a particular course if a student is short credits; 4) or an option for earning credit if a scheduling conflict occurs. Credit may be awarded for independent study if the principal and cooperating teacher approves the program in advance. A "Course Consent Form" is to be completed in advance. No more than 1 credit per school year may be granted and no more than 1 credit can be granted in the same subject area throughout high school. No more than two credits may be applied to the total graduation requirement. Any and all costs resulting from an independent study course not taken for credit toward completion of WDHS graduation requirements will be the responsibility of the student and his/her parent/guardian. **An independent study course must be scheduled prior to the start of each term.**

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, Medical Terminology, 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.

LEADERSHIP

Grades: 9 – 12
.5 Credit

All youth have gifts and leadership potential. We learn about leadership by learning from other leaders, reading about leadership, and through leadership experiences. Leadership skills develop over time. Youth need both to be challenged and supported to develop the competence and confidence to lead. There are multiple settings for developing and practicing leadership skills; school, family and community settings.

Students will: be able to access reliable and accurate resources; make responsible, well-informed decisions resulting in positive change/action; be able to communicate effectively; be skillful and effective problem solvers; be skillful, self-evaluators of one's skills.

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. Student 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 a part of a statewide School-to-Work initiative. CESA 5 coordinates the Youth Apprenticeship program for 20 schools districts. It is designed for high school students who want hands on learning in an occupational area at a work site along with classroom instruction.

Investing in Wisconsin's Future

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

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
	**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	**CTE Courses:** Health Care Career Exploration Medical Terminology ***Nursing Assistant** (Start College Now) **Other Courses:** Anatomy & Physiology, AP Biology, Principles of Biomedical Science ***CNA** - Certified Nursing Assistant is required for Medical Assistant and Nursing Assistant (must be done before beginning pathway)

	900 work hours	**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 • 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	**All Pathways:** Metals 1 Mass Production
	**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 Medical Terminology Intro. to Engineering Design Principles of Engineering Architectural Design, Interior Design **Other Courses:** Pre-Calculus, AP Calculus AP Biology Anatomy & Physiology, AP Chemistry, Principles of Biomedical Science, Physics
	Level One Requirements: Auto Collision - 2 units per year	**All Pathways:** Transportation 1

	• 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	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 in itself, 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 one's self
- 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 exhibit 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. A number of 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 sculpture, 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 ARTNA

Grades: 9 - 12
.5 Credit

This is an introductory art course in which students will gather river clay, make pottery and fire using traditional techniques; harvest wood, make strips and construct baskets; as well as design and create beadwork. 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.

Sculpture (Offered with Native American Art & Culture in 2020-21 & every other year) ARTS

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

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

Computer Graphics ARTCG

Grades: 9 – 12
.5 Credit

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

Computer Art ARTCMP

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

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

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 Math and Computer Science** courses can be used to satisfy the .5 elective Math credit required for graduation.

Business & Information Technology offers students four Dual Credit (DC) 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, PowerPoint, and Publisher. 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 (DC) (L – 0.5, L - 1 for class of 2023 and beyond) BUMEA

Grades: 9 – 12
Prerequisite: Microsoft Essentials or TEST OUT of Microsoft Essentials Skills
.5 Credit
***Dual Credit with Madison College for up to 5 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, PowerPoint, and Publisher. 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 five college credits through MATC and is taught at a college pace.**

Business Math BUSMAT

Grades: 9 – 12
Prerequisite: Algebra 1
.5 Credit
*This course satisfies the .5 elective Math credit required for graduation.

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 BUENTR

Grades: 9 – 12
.5 Credit

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

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

Grades: 9-12
.5 Credit
Dual Credit with Madison College

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!

Computer Science BUCSCI

Grades: 10 – 12
Prerequisite: Algebra 1
.5 credit
*This course satisfies the .5 elective Math credit required for graduation.

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.

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 the accounting cycle, to interpret financial statements and worksheets for a business, and to recognize the value of accounting in solving business and personal problems. This course will provide students with computer applications and job simulations in which students will practice being an "accountant" for a business. Students needing accounting in college are encouraged to take this course.

Advanced Accounting (DC) (L – 1.0) BUACC2

Grades: 11 – 12
Prerequisite: Accounting or senior status and consent of instructor
1 Credit
***Dual Credit 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

This course will help put students on the path towards achieving their financial goals. Personal Finance introduces students to budgeting, banking services, investments, such as mutual funds and retirement planning, taxes, credit, fraud, buying an automobile, leases, home ownership, and insurance. This course integrates basic financial literacy with personal applications and online consumer navigational skills. Students will create an electronic personal financial plan incorporating all knowledge, skills, and individual connections acquired throughout the course.

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 school counselor or 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:

- 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.
- Accounting Services Advanced – accounts receivable, accounts payable, inventory, and assist with cost accounting, internal audit and budget analysis;

-OR-

- Banking Basic – Teller services including processing cash deposits, check deposits, transfers between accounts, and a wide variety of customer service.
- Banking Advanced – Complete documentation to open and close accounts, process loan payments, and respond to customer inquiries and requests.

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.

Information Technology Youth Apprenticeship YA IT

Grades: 11 – 12
Prerequisite: Approved Application (see school counselor or 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

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.

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 9 Enrichment EN9ENR

Grade: 9
Prerequisite: Local and state assessments, 8th grade teacher recommendation

This course is designed to be taken concurrently with English 9 and will strive to improve students' reading and writing skills, as well as provide extra support with the content of English 9. Students will primarily focus on the growth and improvement of their skills throughout the year. This class will be graded on a Pass/Fail basis.

AP Prep English 9 (CP) (L- 0.5) ENAP09

Grade: 9
1 Credit

AP Prep English 9 is designed to prepare students for the AP Track. The literature portion will concentrate on experiences with classic and contemporary literature, including a survey of literary elements, exposure to traditional forms of drama, and analysis of theme. The composition portion will cover personal writing, informative writing, argumentative writing, literary analysis, and expanded composition skills. The class will enhance the regular curriculum with additional materials to mirror the rigor expected in college-level studies.

English 10 (CP) EN10

Grade: 10
Prerequisite: English 9 or AP Prep 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.

English 10 Enrichment EN10EN

Grade: 10
Prerequisite: Local and state assessments, 9th grade teacher recommendation

This course is designed to be taken concurrently with English 10 and will strive to further improve students' ability in skills covered in English 10. The course will work to improve students' reading and writing skills along with essential skills of organization that will help them succeed in all of their classes. The class will be focused on students' overall growth, and will be graded on a Pass/ Fail basis.

AP Prep English 10 (CP) (L – 0.5) ENAP10

Grade: 10
Prerequisite: English 9 or AP Prep 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 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 studies will focus on reviewing mechanics and usage, writing personal, informative, and argumentative essays, presentations, and incorporating MLA format. Students will learn a variety of literary terms that will be used to analyze different genres. The reading focus will be on contemporary literature and related themes. A variety of writing and speaking experiences will be designed for students who are career-bound after high school.

Intro to College Writing (DC)(L-0.5) ENCWRI

Grades: 12
Corequisite: Intro to College Reading and Study Skills
.5 Credit
***Dual Credit with Madison College for 3 college credits**

This course introduces basic principles of composition, including organization, development, unity, and coherence in paragraphs and multi-paragraph documents. **This course is worth 3 college credits and is taught at a college pace.**

Intro to College Reading and Study Skills (DC) (L-0.5) ENCRST

Grades: 12
Corequisite: Partnered with Intro to Writing
.5 Credit
***Dual Credit with Madison College for 3 college credits**

This course provides learners with opportunities to develop study skills and expand reading skills including comprehension, fluency, and vocabulary skills. Learners apply reading skills to academic tasks and read to acquire information from a variety of sources. Emphasis will be given to developing the critical thinking and

reading skills necessary to be successful college readers. **This course is worth 3 college credits and is taught at a college pace.**

Senior Literature (CP) ENSRLI

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

Senior Literature 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. Mastery of literary terms and their application will be emphasized. This course is designed for the college-bound student.

Senior Composition (CP) ENSRCO

Grades: 12
Prerequisite: Junior Literature and Composition or English 11
.5 Credit

In this course, students will receive instruction and practice in descriptive, narrative, argumentative, and imaginative writing. Students who apply themselves will not only improve their writing skills, but also their creative problem-solving skills. Writing lessons will focus on imagery, figurative language, characterization, and plot development. In addition to writing assignments, students will study the basic contemporary literary genres. Students will be assigned various writing projects that must be satisfactorily completed in order to pass the course. 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, syntactical 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.

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ENGLISH ELECTIVES

Publications - Yearbook ENPUB

Grades: 9 – 12
1 Credit

Students in this class will produce the high school yearbook. Class members are expected to write copy, caption photos, and contribute creative ideas. Students must be able to meet deadlines and work well with others. Members of the class will get an extensive understanding of ADOBE *In Design* and ADOBE *Photoshop*

Public Speaking (CP) Offered in 2021-2022 and every other year ENPSP

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

This course provides instruction and experience in preparation and delivery of speeches within a public setting and group discussion. Emphasis is on research, preparation, delivery, and evaluation of informative, persuasive, and special occasion public speaking. Upon completion, students should be able to prepare and deliver well-organized speeches and participate in group discussion with appropriate audiovisual support. Students should also demonstrate the speaking, listening, and interpersonal skills necessary to be effective communicators in academic settings, in the workplace, and in the community.

Creative Writing (CP) Offered in 2020-2021 and every other year ENCRW

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

This course explores various genres of writing, such as personal essays, poetry, short stories, plays and children's books. The power of imagination will be explored on a daily basis. Students study notable creative

writers and their methods, keep a journal, and turn in weekly writing projects. Emphasis is given to the importance of an audience; therefore, students will be involved in sharing, reading, and offering constructive criticism. Venues for possible publication are explored, including a submission to *Musings*, the SCC creative writing magazine.

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 have the opportunity to prepare for these careers in high school by enrolling in a number of Dual Credit courses and have the potential to earn up to 12 possible college credits, depending on the courses taken. **Food Science** can be used to satisfy the .5 elective Science credit required for graduation.

Child Development FCDEV

Grades: 9 – 12
.5 Credit

This course is designed to help students realize what responsibilities are involved in the parenting role. Students will study the norms of childhood behavior and growth, investigate responsibilities and alternatives for child rearing and parenting, and create an awareness of the characteristics of pregnancy, birth and child rearing. Students will discuss readiness for parenthood, conception, prenatal development, birth adjustments, infancy, preschool children, discipline, child health and safety, toys and activities for children.

Certification in Infant/Toddler curriculum will begin in this class and will include hours of contact time with infants and/or toddlers. Students will complete the Infant/Toddler certification in the Assistant Child Care Teacher class. Students should think seriously about including this course in their four-year plan. ***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 child care, students need to set up their four-year plan accordingly and apply to the FCS Chair, Mrs. Michalsky, for the child care work experience by February 15 of their junior year.

Assistant Childcare Teacher (ACCT) (DC) (L – 0.5) FCCARE

Grades: 11 – 12
Prerequisite: Child Development
.5 Credit
***State Industry Certificate earned**
****Students interested in this course must be a junior and/or 17 years old by the end of the current school year.**

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 visit supervised child care facilities and hold an in-class preschool to help develop an understanding of children and their developmental needs. Students will work on their Assistant Childcare and Infant/Toddler certificates throughout the class. Those passing the state requirements will be issued a certificate that will allow them to be employed at a licensed preschool. These students must be 17 years old to complete the requirements of the ACCT certificate.

Food for Life FCFCFL

Grades: 9 – 12
.5 Credit
***Required for Dual Credit in ProStart**

An emphasis on healthy selection and preparation of foods is the focus of this class. The student will spend lab time preparing food by the use of 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.***

Advanced Foods FCFDS2

Grades: 10-12
Prerequisite: Food for Life
.5 Credit

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. Learning will be done through labs, assignments and other related experiences. ***This is a second class option for the food service pathway, but would not be part of the Hospitality Certificate.***

Food Science Offered in 2020-2021 and every other year FCFDSC

Grades: 10 – 12
Prerequisite: Food for Life and Biology
.5 Credit
*****This course satisfies the .5 elective Science credit required for graduation.

Food Science is the study of producing, processing, preparing, evaluating and using food. The field crosses many branches of science including Biology, Botany, Physiology, Zoology, Bacteriology, and Organic Chemistry. Research in food science leads to new discoveries every day. Students in this course will have the opportunity to explore the field of food science and discover related careers. The role of food science in increasing food supplies, preserving the environment, contributing nutritional foods and food safety and advances in technology are topics for discussion. Students will actively participate in a lab-based learning environment related to the fundamentals of science, food and nutrition. Science principles are applied to food everywhere – in farm fields, in food processing plants, in home and restaurant kitchens and in research laboratories.

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

Grades: 11 – 12
Prerequisite: Food for Life or Consent of Instructor
1 Credit
***Dual Credit 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 Credit at Madison College will be given for passing the ServSafe® Certification exam as part of the Principles of Sanitation course (2 credits).**

Did you know that more than 10 million people are employed in the food service industry? If you are interested in the restaurant business, whether as a business manager, executive chef, or busser this program is for you!

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 will 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. ***If a student receives this certification, they may also get 2 credits for Principles of Sanitation at Madison College.***

Opportunities for culinary competitions and scholarships for college are also available to any student who is seriously interested in the food service industry. A short internship with the Kalahari or another fine dining restaurant in the area is encouraged. If you are ready for the challenge of culinary arts, please see the instructor before registering for these courses. **This final Foods class in the food service pathway is worth two college credits through Madison College and is taught at a college pace.**

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

Grades: 9 – 12
.5 Credit
***Dual Credit 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 school counselor or 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, assist 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.

Healthcare Career Exploration (DC) (L – 0.5) FCHCCE

Grades: 9 – 12
.5 Credit
***Dual Credit with Madison College for 3 college credits (must earn "B" or better)**

Healthcare Career Exploration provides an opportunity for students to investigate careers in the health industry with a strong emphasis on job shadowing experiences in community health care facilities. Students will become familiar with the 200 job and career possibilities in the healthcare field.

In addition to career exploration, areas such as medical terminology, physiology and anatomy, disease processes, interpersonal skills, and current health issues/concerns will be studied. Students will experience some of the following career possibilities: **Nursing, Physician, Pharmacy, Dentistry, Social Work, Chiropractic, Psychology, Geriatrics, Immunology, Audiology, Radiography, Home Health Care, Veterinary, Education, Lab Technician, Emergency Services, Biomedical Technician, Medical Records/Information Systems, Physical Therapy, Recreational Therapy, Occupational Therapy, and Music Therapy.** Biology, Health, Anatomy & Physiology and Medical Terminology would be helpful courses to take before and/or while enrolled in Health Care Career Exploration.

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

Medical Terminology (DC) (L – 0.5) FCMT

Grades 11-12
1 Credit
***Dual Credit with Madison College for 3 college credits**

What better way to get a head start in your health care field than to begin studying the terminology used in the field every day! Focus will be on word parts; their meanings and how prefixes/suffixes help describe those word parts. Memorization of prefixes/suffixes, use of flashcards and weekly quizzes will be necessary to retain words learned. Body system identification and the relationship to terminology will also be a part of the course.

Courses such as Biology, Anatomy and Physiology, and/or Nursing Assistant (through Madison College) would be helpful when taking this course.

This course is also a Dual Credit course through Madison College and will be an online facilitated course through the high school instructor.

*There is a book and e-supplement fee for this course and price is determined each year (please talk to instructor for more details). **This class is worth 3 college credits through Madison College and is taught at a college pace.**

Health Science Youth Apprenticeship YA FHS

Grades: 11 – 12
Prerequisite: Approved Application (see school counselor, Ms. Campbell, YA Coordinator or Mrs. Michalsky, CTE 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 counselor, 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 Offered in 2021-2022 and every other year FCINDB

Grades: 9 – 12
.5 Credit
* This course may be used to fulfill .5 credit of the Fine Arts requirement.

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.

Intro 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 (DC) (L – 0.5) Offered in 2020-2021 and every other year FCFASH

Grades: 11 – 12
.5 Credit
***Dual Credit with Madison College for 3 college credits (must earn "B" or better)**
*This course will satisfy .5 credit of the high school Fine Arts requirement.

This dual credit course is designed to give you an understanding of the elements and principles of design, which are major components of the course. Students will have the opportunity to be a fashion designer. Emphasis

will be on color, line, styles, materials, and textile production of a product line as well as careers and presentation methods for designers.

- Students will develop a portfolio as the professionals do and design or redesign a project.
- Students will need to purchase foam boards for presentations, fabric, patterns, notions, color pencils, and rubber cement for this course.
- **This class is worth 3 college credits through Madison College and is taught at a college pace.**

**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.

FINE ARTS ELECTIVE CREDITS

The following courses can be used to fulfill the Fine Arts requirement. Students need 1 credit of Fine Arts to meet the Wisconsin Dells High School graduation requirements.

All Art Courses - (See Art Department Course Offerings)

All Music Courses - (See Music Department Course Offerings)

Family and Consumer Science
Basic Interior Design
Fashion Analysis

Technology Education
Architectural Design
Cabinetmaking
Mass Production
Metals 1 and 2
PLTW Intro to Engineering
PLTW Principles of Engineering
Wood Manufacturing 1 and 2

MATH ELECTIVE CREDITS

Business & Information Technology Department
Business Math
Computer Science

Technology Education Department
Architectural Design
PLTW Intro to Engineering
PLTW Principles of Engineering

SCIENCE ELECTIVE CREDITS

All Agricultural Science Courses - (See Science Department Course Offerings)

Family & Consumer Science Department
Food Science

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 Concepts, Algebra 1, Geometry, Algebra 2, Functions, Statistics, and Trigonometry, Precalculus and Discrete Mathematics, and Advanced Placement Calculus AB/BC. Students need at least 3.5 credits of mathematics to graduate from Wisconsin Dells High School. At least three of these credits must come from the defined core courses. Math electives may be used to fulfill a student's final .5 credit. 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.

Algebra Enrichment MAALEN

Grades 9-12
Prerequisite: Local and state assessments, 8th grade math teacher recommendation
1 Credit

This year long course is designed to be taken concurrently with Algebra 1 and is offered for those students that think they may struggle in Algebra 1. Students will receive additional guided practice, teacher assistance with homework, review of prerequisite skills, and quiz and/or test preparation.

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 emphasises using logic and writing proofs to justify conjectures.

Geometry Enrichment MAGEEN

Grades: 10-12
Prerequisite: Algebra 1; Concurrent with Geometry
1 Credit

This course is designed to support students in their mastery of the Geometry essential standards. Students will take this course concurrently with Geometry. The goal of the course is to allow students to strengthen prerequisite skills before the concept is taught in their Geometry course, perform extra guided practice with teacher support, explore concepts in a more hands on inquiry approach than time allows in the standard Geometry course period, and prepare and retake Geometry assessments to show mastery of essential standards. The goal is to provide small group support for students to allow them to be more successful in their Geometry course.

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 (DC) (L- 0.5) MAICA

Grades: 11-12
Prerequisite: Geometry
1 Credit
***Dual Credit 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 is comprised of 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 is comprised 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 Calculus BC (CP) (L – 1.0) AP MCB

Grade: 12
Prerequisite: AP Calculus AB
1 Credit

This extension of AP Calculus-BC explores the calculus of vector function and parametric functions. In addition, advanced techniques of integration and applications of sequences and series are discussed. At the end of this course students can choose to take either the AB or BC exam from the College Board.

A grade of "C" or higher usually indicates a student has gained sufficient mastery of skills necessary for success. Students earning a lower grade are strongly encouraged to consider re-taking the course in question in order to truly master skills and enhance potential for future success

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
Prerequisite: Previous Band Experience
1 Credit - Concert Band MUBCON
1 Credit - Symphony Band MUBSYM

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** - 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** - This band will consist of upperclassmen and some advanced freshmen performing music from the Class A contest list. Advanced performance skills will be stressed. 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
Prerequisite: Current enrollment in 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.

Summer jazz ensemble is available for all students and students can earn .25 credits in summer school for their participation before school begins.

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 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 the 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 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 the counselor for more information about uniform fees.****

Music Appreciation Offered in 2020-2021 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 an elective course, it is assumed students enjoy music and want to discover more about music.

Beginning Music Theory Offered in 2020-2021 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. Songwriters of all levels from beginner to experienced are welcome. This course will cover the basics of songwriting, basic music notation, melodic writing, lyric writing, song structure and more. Students will work individually as well as collaborate in small groups. Students can write their songs utilizing piano, guitar, ukulele, or digital technology resources.

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
Prerequisite: Current participation in 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. Daily practice will be required during class. Students will present a recital for an audience of their choosing at the end of the semester.

Independent Study College Bound Music – Piano MUPIAN

Grade: 11 – 12
Prerequisite: Current participation in 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 must have instructor's approval** to enroll in 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.**

* 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

.5 Credit

Required for students in Grades 10 – 12, if not passed in 8th or 9th grade

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: cardiovacular 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 to 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 can not 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 and golf.

Strength and Conditioning PESC

Grades: 9-12

.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 bench, squat, power clean)**, plyometric training, speed training and agility training using the PLT4M web based strength and conditioning program. 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 can not have Strength and Conditioning and Fitness for Life in the same semester.**
- **Students must get a C or better to repeat Strength and Conditioning.**

Adaptive Physical Education DONT INCLUDE

Grades: 9 – 12

Prerequisite: Special Education Population per IEP or medical necessity

.5 Credit - Pass/Fail Course

This course gives the student individual or small group instruction which promotes and develops overall physical fitness and psychomotor skills. This activity class for the physically challenged includes exercises in flexibility, strength development, aerobic activity, and relaxation training. Class activities are adapted or modified to meet individual needs. Each student performs at an individual level of ability without pressure or competition. Students with both temporary and permanent disabilities are served as well as students with major health problems. Students must have a written IEP recommendation or a physician's statement indicating the disability or specific restrictions. This course may be repeated as needed.

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. All Agriculture Science courses satisfy the .5 elective Science credit required for graduation.

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. It is a relatively new area in agriculture dating back to 6,000 BCE in areas of Australia and China.

Through this course, students will gain first-hand experience in aquaculture through the school's small 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 70 varieties of aquatic plants and animals.

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

Introduction to AgriScience SCAGFN

Grades: 9 – 10
.5 Credit

Introduction to AgriScience establishes a foundation for understanding the complex world of agriculture and environmental sciences. This course is designed to give students an opportunity to learn about occupational areas in the fields of agriculture, agribusiness and natural resources. The course ties in with the three-circle

model of agriculture education. It has a focus on in class instruction, FFA involvement and an SAE (Supervised Agricultural Experience).

Subjects of study include career opportunities, research in agriculture, plant science, production agriculture, companion animals, FFA basics, and SAEs. All students will be required to complete an SAE as part of this course. Students will also complete a variety of career and life readiness activities.

Introduction to Animal Science SCAGAI

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

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

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

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

Advanced Animal Science SCAGAS

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

Advanced Animal Science is a course designed to take an indepth look at the different principles of veterinary science. Students will utilize the knowledge they gained from 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, cells, genetics, internal and external anatomy and physiology, various body systems, dissections, basic first aid, basic medical care, animal handling and restraints, and animal husbandry.

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 make contact with 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 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 river 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 2021-2022 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 as long as the research is linked to natural resources.

Students will be encouraged, but not required, to enter their research in the Wisconsin FFA AgriScience Fair and present their findings to a panel of judges during the Wisconsin State FFA Convention in June.

Plant Science (DC) (L – 0.5) SCAGPS

Grades: 11 – 12
Prerequisite: Biology
.5 Credit
***Dual Credit with Lakeshore Technical College for 3 college credits**

This introductory level course will focus on giving students a basic understanding of plant science as it relates to the horticulture industry.

Subjects of study will incorporate plant science basics including plant cells, photosynthesis, and respiration. Students will also learn about different plant structures and their functions. An introduction to soil science will be discussed which will include soil structure, soil fertility, and soilless medias. Gardening basics like vegetable gardens, composting, pests, mulching, and pruning will also be a topic of study.

In addition, throughout the course of the semester the students in plant science will be responsible for planning and implementing a spring vegetable sale and summer community garden. Through this project, the students will learn all about greenhouse production, marketing, and sales. Produce from the community garden will be available to students and their families throughout the summer and will be donated to the local food pantry. **This class is worth 3 college credits through Lakeshore Technical College and is taught at a college pace.**

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.

This lab-intensive course will allow students to gain hands on experience working with plants. Subjects of study 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 plantscapes, container gardening, urban gardening, integrated pest management, or lawn care.

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 in 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 school counselor or 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 school counselor or Ms. Campbell, YA Coordinator)
1 – 2 Credits

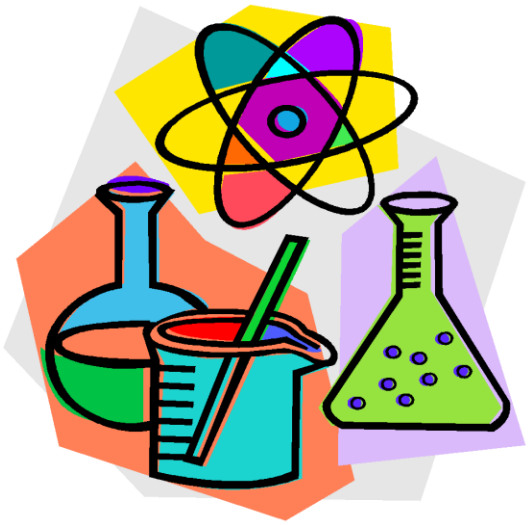
Youth apprentices learn the skills and knowledge needed to find entry-level employment in Agriculture. They rotate to a variety of areas at the worksite and take related classroom instruction. This is a one or two year program for juniors/seniors.

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 3.5 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 course will provide the student with the basic preparation for advancement to higher levels of education and a stronger comprehension of all levels of life. Emphasis during the first semester is on plants, cells, biochemistry, and genetics. The second semester has an emphasis on the animal kingdoms, human biology, and ecology. This course involves lecture discussion as well as labs and projects.

Science of Technology - Future Offering SCSCTE

Grade: 9 – 12
.5 Credit

Each PLTW course engages students in activities that not only build knowledge and skills in areas including computer science, engineering, and biomedical science, but also empower students to develop essential skills such as problem solving, critical and creative thinking, communication, collaboration, and perseverance.

Science impacts the technology of yesterday, today, and the future. In this unit, students apply the concepts of physics, chemistry, and nanotechnology to activities and projects, including making ice cream, cleaning up an oil spill, and discovering the properties of nano-materials.

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.

Conceptual Chemistry SCCC

Grades: 10 – 12
Prerequisite: Biology
1 Credit

This course will introduce students to basic chemistry knowledge at a more adaptable pace and show many practical connections and applications to health, environment, and other society issues. Technology will be used to introduce students to the chemistry connections with current issues and real-life situations.

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. Students planning on pursuing further education at a technical college or a university should consider this course. Due to the strong math content, it is advised that students take this course after successfully completing **Algebra 1** or its equivalent with at least a C average.

Physics (CP) SCPHYS

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

This course provides a systematic introduction to the main principles of physics and emphasizes the development of conceptual understanding and problem solving abilities using algebra and trigonometry. The course includes both classical and modern physics. Student work consists of classroom, textbook, lab work, and projects.

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 into 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.

AP Chemistry (CP) (L – 1.0) AP CHE

Grades: 11 – 12
Prerequisite: Chemistry
1 Credit

This course provides students with a foundation to support future advanced coursework in chemistry. Through inquiry based learning, students develop critical thinking and reasoning skills. Students cultivate their understanding of chemistry and science practices as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The course is designed for students to take the AP Chemistry Exam in the spring. The key concepts and related content that define the AP Chemistry course and exam are organized around underlying principles called the Big Ideas. They encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the particulate nature of matter underlying the observations students make about the physical world. The following are Big Ideas:

- The chemical elements are the building blocks of matter, which can be understood in terms of the arrangements of atoms.
- Chemical and physical properties of materials can be explained by the structure and the arrangement of atoms, ions, or molecules and the forces between them.
- Changes in matter involve the rearrangement and/or reorganization of atoms and/or the transfer of electrons.
- Rates of chemical reactions are determined by details of the molecular collisions.
- The laws of thermodynamics describe the essential role of energy and explain and predict the direction of changes in matter.
- Bonds or attractions that can be formed can be broken. These two processes are in constant competition, sensitive to initial conditions and external forces or changes.

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: 9 – 12
Prerequisite: Biology or concurrent with Biology; 9th grader must have consent of the 8th grade Science instructor
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 – 0.5, L - 1 for class of 2023 and beyond) SCHBS

Grades: 10 – 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 in order 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 or AP Prep 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.

AP Prep U.S. History (CP) (L – 0.5) SSPUSH

Grade: 9
1 Credit

This course prepares you to take the AP United States History Course and AP exam. Students will watch U.S. history video lessons and learn about presidenal policy, Revoluonary War bales, important polical figures, and more. As an honors level course, the expectaon is that a student's reading level and wring ability are such that they can handle a more robust workload. Thus, our textbook is college level, supplemented by historical journal arcles and topical excerpts from primary and secondary sources. From a wring perspecve, students will learn to analyze and interpret documents as well as develop their ability to research and effecvely argue a self-developed thesis through mulple self-directed research projects.

World History (CP) SSWH

Grade: 10 – 12
Prerequisite: U.S. History or AP Prep 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
.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) Offered in 2020-2021 and every other year SSECON

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

This course is designed to give students a basic understanding of our economic system. Basic economic concepts will be explored and contemporary economic problems and issues will be examined in light of 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
.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
.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) Offered 2021-2022 and every other year SSWG

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

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

Women's Studies (CP) Offered 2021-22 and every other year SSWST

Grades: 10 – 12
Prerequisite: U.S. History or AP Prep U.S. History and World History or AP World History
.5 Credit

Women's Studies offers a chance to explore gender issues throughout history (or "her-story"), examine how gender relations may be changing, and investigate the forces that shape our opinions and our lives in relation to gender. Units will include: an outline of women's history, a history of the women's movement, the development of feminist thought, gender and sexuality, women's historical roles in the workplace, violence against women, women and religion.

While an emphasis will be placed upon women's issues and feminist thought in the United States, global women's issues will be examined as they relate to that process.

Learning Objectives: As a result of this class, students will: Examine basic concepts of feminism as a movement of social justice; Compare and contrast gender with other categories of difference (e.g. race, class, age, etc.); explore feminist issues within our school, community, state, and/or nation; investigate gender-based oppression and its relation to other forms of oppression.

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 2021-22 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. Beginning with the 2020-21 school year, AP World History will alternate with AP European History, in an effort to increase the advanced level offerings provided in the Social Studies.

AP European History (CP) (L – 1.0) Offered in 2020-21 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 wayin 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. Beginning with the 2020-21 school year, AP European History will alternate with AP World History: Modern, in an effort to increase the advanced level offerings provided in the Social Studies. It is the expectation that all students who sign up for this class with take the AP exam in May 2021.

AP Psychology (CP) (L – 1.0) APPSY

Grade: 12
Prerequisite: Psychology
1 Credit

The Advanced Placement Program offers a course and exam in psychology to qualified students who wish to complete studies in secondary school equivalent to an introductory college course in psychology. The exam presumes at least one semester of college-level preparation.

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

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 in order 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

Introduction to Engineering, Principles of Engineering and Architectural Design courses can be used to satisfy the .5 elective Math credit required for graduation.

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

Transportation 1 TETR1

Grades: 9 – 12
.5 Credit

This course will provide students with an understanding of the modes of transportation and how they work together to keep our societies running. The engineering and design process will be used by students as they design their lab projects focused around modes of transportation. Basic automotive care and maintenance will also be introduced. Automotive care and maintenance topics will focus on car upkeep that can be done by the individual themselves to keep a vehicle in good condition.

Transportation 2 TETR2

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

This course will provide students more knowledge on the modes of transportation. Students will use the engineering and design process to work through lab projects focused around the modes of transportation. Basic automotive care and maintenance topics will be reviewed and expanded upon. Students in Transportation 2 will be able to use their own vehicle in the automotive care and maintenance labs. Students will also research vehicles both new and used to understand costs involved, and the purchasing process.

3D Modeling with Inventor TE3DMI

Grades: 9 – 12
.5 Credit

Autodesk Inventor is a 3D mechanical solid modeling design software used to create 3D digital prototypes. It is used for 3D mechanical design, design communication, tooling creation and product simulation. This introductory 3D modeling class will emphasize the basics of Autodesk inventor. This freshman/sophomore course is intended to be taken before or in place of the PLTW course, Intro to Engineering Design. Drawings will be the focus of this class, with some practical application with the CNC machine. Units covered will include: geometric constraints, part / assembly / exploded view drawings with some animation and video creation.

Advanced 3D Modeling with Autodesk Inventor TEAD3D

Grades: 11-12
Prerequisite: 3D Modeling with Inventor
.5 Credit

Autodesk Inventor is a 3D mechanical solid modeling design software used to create 3D digital prototypes. It is used for 3D mechanical design, design communication, tooling creation and product simulation. This advanced 3D modeling class will emphasize the "feature tools" of Autodesk Inventor. Exporting model types, 3D printing, 4 axis CNC cutting will be the focus of this class. Units covered would include: geometric constraints, part/assembly/exploded view drawing with varied prototype creative.

Wood Manufacturing 1 *$$* TEWOO1

Grades: 9 - 12
.5 Credit
*Completing this course will satisfy 0.5 credit of the high school Fine Arts requirement.

Students will acquire woodworking skills in learning the correct processes to transform standard materials into a finished product. This will focus on the use of machinery and tools, including CNC (Computer Numerical Control) technology in completing their projects. Planning and design is also an essential part of the

manufacturing process. Inventor, Sketch-up, and Corel will be utilized in 3D designs to be machined. This hands-on course is project based.

Wood Manufacturing 2 *$$* TEWOO2

Grades: 10 - 12
Prerequisite: Wood Manufacturing 1
.5 Credit
*Completing this course will satisfy 0.5 credit of the high school Fine Arts requirement.

The course will provide students the opportunity to advance skills learned in Wood Manufacturing 1. Designing, planning and materials estimating will be covered leading students toward developing their own project. Higher level CNC work will also be a large part of the class.

Architectural Design/Construction Systems (L – 0.5) TEARC

Grades: 11 – 12
Prerequisite: Intro to Engineering Design
1 Credit
*Completing this course will satisfy .5 credit of the high school Fine Arts requirement.

Computer-aided design has rapidly become the choice of many designers to do a job quickly and efficiently. Using what they have learned in Introduction to Engineering Design, students will study architecture and house design, and complete their own set of plans for a house. It will also provide an overview of residential construction and the required processes in building a house. Students will learn to read a set of plans, complete the necessary permits, and estimate the material needed in residential construction. Scaled architectural models will be constructed as the main focal point of the course.

Advanced Woodworking (L – 0.5) *$$* TEADWD

Grades: 11 – 12
Prerequisite: Wood Manufacturing 2
1.0 Credit

This course provides the student with the knowledge and skills necessary to plan and complete cabinetry, furniture and millwork projects. Students learn to work with prints, specifications and shop drawings. From traditional woodworking equipment and hand tools to the latest computer numerically controlled (CNC) machinery and software, students learn to plan and process wood in the most efficient manner in this upper level course.

Metals 1 *$$* TEMET1

Grades: 9 – 12
.5 Credit

The Metals 1 course provides the student with the knowledge and skills to plan and complete a welding project. Students will learn the basics of shielded metal arc welding; from striking an arc, running a bead, to fabricating a finished piece. Students will learn to create multi-view sketches to work from as they fabricate

their project. Emphasis is placed on safety as students learn to use equipment in the shop. An introduction to careers in the welding field will also be covered.

Metals 2 *$$* TEMET2

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

The Metals 2 course provides the student the opportunity for improvement on skills started in Metals 1. Students will continue to work on developing their skills of fabrication from multi-view sketches, to accurately cutting metal, to improving their welding skills. Students will have the opportunity in this course to design and fabricate independent projects. Emphasis is placed on safety as students re-enter the shop and review equipment used in Metals 1 as well as learning to use the plasma cutter. Careers in the welding field, a rapidly growing job market, will also be covered.

Metals 3 *$$* TEMET3

Grades: 10 – 12
Prerequisite: Metals 1 and 2 with consent of instructor
.5 Credit

The Metals 3 course provides the student the opportunity for further improvement on skills started in Metals 1 and 2. Students will create multi-view sketches and work independently to fabricate their project from their approved sketches. Emphasis is placed on safety as students re-enter the shop and review equipment used in Metals 1 and 2. Metals 3 students also assist in the shop from set-up help, one on one help for new students, to keeping the shop clean and safe for all to work in.

Mass Production Enterprise (L – .05) TEMP

Grades: 10 – 12
Prerequisite: Wood Manufacturing & consent of instructor
.5 Credit

This is an integrated class combining business and industry. Students will learn skills for operating a small business as well as learning the principles of manufacturing a product. This lab-based course is a joint school/community/local business partnership. Students will work on higher level manufactured projects to be displayed/used in our community, with a focus on CNC technology.

PROJECT LEAD THE WAY CURRICULAR PROGRAM for Technical Education

Engineering Essentials (L - 0.5) TEENES

Grades 9-12
1 Credit

Engineering Essentials offers students of all backgrounds the opportunity to experience this important field. The course aims to broaden participation in engineering by highlighting its impact and challenging student perceptions of the field, with a focus on exploring global engineering challenges and sustainability goals, as well as personal, societal, environmental, and economic impacts of engineering solutions. Examples of topics

covered in the course include disaster relief and recovery, worker health and well-being, modern medical devices and procedures, and sustainable cities and communities. By introducing students to diverse topics and a variety of engineering disciplines, Engineering Essentials aims to inspire more participation among a broader range of students. For example, the course exposes students to multiple engineering disciplines, including civil and industrial engineering, which have shown to interest females more than other disciplines.

Intro to Engineering Design (L – 0.5) TEENGD

Grades: 10 – 12
Prerequisite: Engineering Essentials
1 Credit

Students dig deep into the engineering design process, applying math, science and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work. **This course satisfies the .5 elective Math credit required for graduation.**

Principles of Engineering (L – 0.5, L - 1 for class of 2023 and beyond) TEPREN

Grades: 10 – 12
Prerequisites: Engineering Essentials, and Geometry or concurrent with Geometry
1 Credit
This course is designed for students to challenge their mind and creative abilities. Through minds-on and hands-on activities, students will have the opportunity to explore several engineering problems. The problems will require students to complete research, design and development in areas including civil, structural, and transportation engineering. Students will be expected to be unique, challenge themselves, and expand their thought processes. Students will learn to work cooperatively in competitive situations, as well as rely on their own innovation in applying the problem-solving process. **This course satisfies the .5 elective Math credit required for graduation.**

YOUTH APPRENTICESHIP PROGRAMS for Technical Education

Automotive Technician Youth Apprenticeship YA TEA

Grades: 11 – 12
Prerequisite: Approved Application (see school counselor or 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

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

Manufacturing Youth Apprenticeship TA TEM

Grades: 11 – 12
Prerequisite: Approved Application (see school counselor or 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. These include: Assembly & packaging, casting, conditioning, forming, molding, machining- grinder/lathe, and finishing.
- Production Operations Management

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

Drafting Youth Apprenticeship YADRAF

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

Youth apprentices will learn the skills and knowledge needed to find entry-level employment in a drafting career. 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.

- Computer Aided Drafting I – Use the basic functions of CAD software and file management
- Computer Aided Drafting II – Create assembly drawings, interpret product specifications, and analyze part prints
- Drafting/Design Architectural
- Drafting/Design Principles of Engineering
- Drafting/Design Mechanical Design

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

Transportation, Distribution, & Logistics Youth Apprenticeship YA TDL

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

Welding Youth Apprenticeship YA WEL

Grades: 11 – 12
Prerequisite: Approved Application (see school counselor or 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

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

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 settings 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 Offered 2020-2021 and every other year WLSPNA

Grades: 11-12
Prerequisite: Spanish 3 or consent of instructor
1 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.