Oregon High School

ACADEMIC & CAREER

Planning Guide

2024-2025

Oregon High School

456 N. Perry Parkway Oregon, WI 53575 www.oregonsd.org Main Office: 608-835-4300

Oregon High School offers an array of supportive services to help every student succeed in high school and create plans for life after graduation. Our Academic and Career Planning Course Selection Guide is intended to assist you in selecting courses from our wide variety of offerings in such a way that aligns your interests with your plans for the future. The pages that follow give you a glimpse at how our classes fit into the National Career Clusters Framework. Whether you have a narrow focus or have no idea as to what careers you might be interested in, this guide is a resource to help you begin to think strategically about your future. We are constantly striving to offer the best possible choices for your educational development that lead to your college and career readiness.

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MISSION STATEMENT — OREGON SCHOOL DISTRICT

The mission of the Oregon School District is to educate the entire student by helping them acquire the skills, knowledge, and attitudes needed to achieve their individual potential and to contribute to a changing society, receptive to learning as a lifelong process. This mission will be accomplished by delivering a high quality program through the joint efforts of students, staff, parents, and community.

MISSION STATEMENT — OREGON HIGH SCHOOL

The mission of the Oregon High School community is to work together for success while learning to live respectfully and responsibly in a changing world.

This Academic and Career Planning Guide is available in .pdf form on the Oregon High School website, www.oregonsd.org

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PURPOSE OF THIS HANDBOOK

This curriculum handbook is designed to provide students, parents, and staff with information necessary to plan a sequence of courses to complete requirements for graduation from Oregon High School. In doing so, the student must be aware that they are creating a credential that will document their qualification for the post-secondary phase of their life. Wise selection and sequencing of courses are important keys to a successful high school career. Counselors and instructors are available to offer assistance in course selection; however, the initiative must rest with the student as they will experience the effects of their decisions and how their efforts and talents are applied.

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◀ CREDIT AND GRADUATION REQUIREMENTS ▶

Credit

Credit awarded for each class is listed below the class title in this handbook. Credit is based on the Carnegie Unit. A Carnegie Unit is defined by the Carnegie Foundation for the Advancement of Teaching as the credit given for the successful completion of a year's study of one subject in a secondary school. Typically, a class meeting 40+ minutes per day, five days per week for a full semester, approximately 18 weeks, represents .5 Carnegie Unit of credit. A modified or alternative program may earn equivalent credit in special cases. Enrollment in any alternative program requires prior administrative approval.

Consider All Classes

All classes are labeled required or elective. The following are the distinctions between them:

- **Required**: Class must be taken by every student unless a special exemption is given for a valid reason.
- **Elective**: Class counts toward the 23 credits required for graduation.

Graduation Requirements

To graduate from Oregon High School, students must earn:

1. Four (4) credits in English.
   These credits must include English 9, 10, 11, and one English elective credit.
2. Three (3) credits in Social Studies.
   These credits must include The U.S. in the 20th Century, (1 credit), World Civilization or AP World History (1 credit), and an elective credit.
3. Pass the Civics Exam
4. Three (3) credits of Mathematics.
5. Three (3) credits of Science.
6. One and a half (1.5) credits of Physical Education. These must include Fitness Foundations 9 and 1 PE elective credit.
7. One half (.5) credit of Health (typically 10th grade).
8. A minimum of 23 credits.
9. A community service component is also required. Students will need to complete and submit evidence of 40 hours of community service by graduation.

Grade Point Average (GPA)

The factors which affect GPA are the credit for the course, the grade received, and the honor points accorded the credit and grade in the class. The GPA is calculated by dividing honor points by credits attempted. Cadet/Tutor/Co-teacher credits and classes taken outside the high school do not count toward GPA.

A = 4.00	C = 2.00
A- = 3.67	C- = 1.67
B+ = 3.33	D+ = 1.33
B = 3.00	D = 1.00
B- = 2.67	D- = .67
C+ = 2.33	F = 0

Early Graduation

The normal and expected program leading to a diploma anticipates four years of full-time attendance. It is possible, however, that some students may fulfill all requirements for graduation in less than four years. If early graduation is anticipated, it should be a planned program involving parents/guardians, student, and school personnel. In those instances, the following guidelines will apply:

1. The student must have definite goals and state them in written form on the application for early graduation. The application can be obtained from the student's school counselor.
2. The student must have a conference with their counselor before the end of the school year prior to the school year in which graduation is intended.
3. The student must have accumulated 19 credits by the end of the semester prior to the semester of intended graduation.
4. The application for early graduation must be completed and submitted to the principal at least one semester before the intended graduation date.
5. No mid-year commencement exercises are held. Students who elect mid-year graduation must notify the principal in writing if they wish to participate in June commencement exercises. Notification is to occur prior to mid-year graduation.
6. Diplomas will be available in June. Transcripts confirming a student's completion of all graduation requirements are issued upon request.
7. Cadet, Peer Tutor, Co-teacher, and K-8 Tutor credit may not be used for early graduation.

Graduation Planning Sheet

REMEMBER: 23 credits are required for graduation. Requirements are highlighted in grey.
Additional credits may be needed for college entrance--- see your counselor

DEPT.	GRADE 9	GRADE 10	GRADE 11	GRADE 12
English	English 9	English 10	English 11 or AP Lang	Elective
4 credits required	1 credit	1 credit	1 credit	1 credit
Social Studies	U.S. History	World Civ. or AP World Hist.	Elective	
3 credits required	1 credit	1 credit	1 credit	
Mathematics				
3 credits required	1 credit	1 credit	1 credit	
Science				
3 credits required	1 credit	1 credit	1 credit	
Health		Health		
.5 credit required		.5 credit		
Physical Education	Fitness Foundations	P.E. Elective	P.E. Elective	
1.5 credits required	.5 credit	.5 credit	.5 credit	
Personal Finance				Personal Finance
.5 credits required (11th or 12th gr)				.5 credit
Community Service Hours				
40 hours required				
Civics Exam	**Civics Exam (Taken in US9)**			
Elective Credits: 8 Required				
Agriculture				
Art				
Business				
Family & Consumer Science				
World Language				
Industrial Technology				
Marketing				
Music				
Other (Early College Credit, School2Career, etc.				
TOTAL CREDITS				

◄ SCHEDULING INFORMATION ►

UNDERSTANDING THE COURSE CODE NUMBERS

Each course has a code number consisting of three letters and three numbers. The letters indicate the department that offers the course. The last digit has a special meaning:
Course codes ending in 1 and 2 are the first and second semester of year-long courses.
Courses ending in any other number are semester courses.

SPECIAL DESIGNATIONS

◈ denotes Dual Credit courses
Students taking courses with this designation may be eligible for dual credit at Madison College. See your instructor for details.

✪ denotes Equivalent Science Credit
Courses with this designation (ES) have been approved for equivalent credit by the Wisconsin Department of Public Instruction (DPI). These courses also will be documented on the student's transcript with an "ES". In addition to meeting high school graduation requirements, this designation will verify to postsecondary institutions that the course has been approved for equivalent credit by the DPI. Most University of WI System campuses have agreed to accept the certified agriculture/science courses toward admission requirements in science. Please check with your post-secondary interests regarding their requirements.

■ denotes Equivalent Math Credit
Courses with this designation (EM) have been approved for equivalent credit by the Wisconsin Department of Public Instruction (DPI). These courses also will be documented on the student's transcript with an "EM". In addition to meeting high school graduation requirements, this designation will verify to postsecondary institutions that the course has been approved for equivalent credit by the DPI. Most University of WI System campuses have agreed to accept the certified math courses toward admission requirements in math. Please check with your post-secondary interests regarding their requirements.

□ denotes course in Global Scholars Program (GSP)
Completion of a course with this designation fulfills part of the requirements needed to earn the Wisconsin Certificate of Global Competence. See p. 7 for more information.

✦ denotes Advanced Course (for Honors Recognition)
This designation is used to recognize Student Honor Awards on graduation day. See p. 6 for more information.

REPEATING COURSES

There are courses that may be repeated for credit. These courses include the statement: "This course may be repeated for multiple credits." Students should see the instructor if there are any questions regarding this designation.

SCHEDULE CHANGE GUIDELINES

It is important for students to make accurate initial course selections. Students requesting changes will be limited in the following manner:

- Students must be enrolled in a minimum of six (6) classes per semester per OSD School Board policy (students may have up to two (2) study halls per semester).
- Cadet or tutor assignments will not count towards the minimum class requirement. See Cadet/Tutor/Co-Teacher section for more information.
- School to Career hours may also be taken for one (1) credit per semester as approved by the School to Career Coordinator and OHS Building Administration. See School-to-Career section for more information.
- When a semester begins, students may request to add a class up to the first five (5) days of the semester. After five (5) days, classes cannot be added unless there is administrator approval. Students are responsible for missed content.
- When a semester begins, students may request to drop a class within the first ten (10) school days of the semester without permanent transcription. **Students may drop a class ONLY if they will have at least 6 classes remaining on their schedule**. Requests explaining the rationale for the change must be made in writing and include student, instructor, and parent/guardian signatures. Requests do not automatically equate to a schedule change being approved.
- After 10 school days and up to 23 days (progress report window), students may request to drop a class when there are extenuating circumstances AND there is agreement among the student, instructor(s), counselor, parent/guardian, and administrator. Class drops, if approved, will be reflected as a withdrawal (WD) on the student transcript up to 23 days of the semester. On and after day 24, class drops will be reflected as an F on the student transcript. Requests explaining the rationale for the change must be made in writing and include student, instructor, and parent/guardian signatures.
- If a student's instructor, counselor, and administrator do not approve of the course change, a student will remain in the course and receive the grade earned at the end of the semester.

HOW IS A DROPPED CLASS REFLECTED ON THE TRANSCRIPT?

- Day 1 to day 10 - not listed on transcript
- Day 11 to day 23 of the semester - Withdrawal (WD) on transcript (not calculated into gpa)
- After day 23 of the semester - F on transcript

◀ ADVANCED LEARNERS AND HONOR AWARDS ▶

Advanced Learner Program

Advanced learners are identified in a variety of ways by multiple measures throughout their school career. Students are always encouraged to talk to their classroom teachers or Student Services staff if classroom curricula do not meet their needs. Your school counselor will provide more information regarding preparation for Advanced Placement tests, mentorships, early admission or advanced classes, online courses, independent studies, dual enrollment at universities, early graduation, and social/emotional support as needed.

Academic Achievement and Recognition

In 2010, the Oregon School District Board of Education established the *Honors Task Force* made up of instructors, parents/guardians, students, and administrators. This *Honors Task Force* developed a system to recognize students who meet defined standards of excellence on graduation day. The Oregon High School Student Recognition program includes two major types of awards — Laude Awards and Student Honors:

Laude Awards

Laude Awards are determined by a student's cumulative grade point average (GPA) at the end of the 7th semester. (The end of the 1st semester of the senior year.) The level of award is determined according to the following table:

Award	Cumulative GPA Range
Summa cum Laude	3.80-4.00
Magna cum Laude	3.60-3.79
cum Laude	3.20-3.59

Student Honor Awards

Student Honor Awards are determined by the number of advanced course credits a student earns while at Oregon High School. The level of honor is determined as follows:

Level of Award	Minimum Number of Advanced Course Credits
Highest Honors	6 Credits
High Honors	4 Credits
Honors	2 Credits

Advanced Courses for Honors Recognition

Advanced courses are noted in the curriculum guide with ✦. Early College Credit courses also qualify as advanced credit.

Department	Credit - Course Title
Agriculture	1.0 Cr. - Agriculture Apprenticeship
Art	1.0 Cr. - Adv. Painting (2 yrs. Painting/3rd yr. Art) 1.0 Cr. - Adv. Drawing (2 yrs. Drawing/3rd yr. Art) 1.0 Cr. - Ceramic Clay Studio (2 yrs. /3rd yr. Art) 1.0 Cr. - Advanced Art—Portfolio 0.5 Cr. - Adventure Photography 1.0 Cr. - Computer Animation (2 yrs.)
Business Education & IT	1.0 Cr. - Accounting 2 0.5 Cr. - Adv. Graphic Design (per sem.) 0.5 Cr. - Adv. Multimedia (per sem.) 1.0 Cr. – AP Computer Science Principles
English	1.0 Cr. - Honors English 12 — World Lit. 1.0 Cr. - AP English Literature 1.0 Cr.- AP English Language & Composition 0.5 Cr. - Writing for Film Analysis
Family & Consumer Sci.	0.5 Cr. - Culinary Arts II/Pro Start II 1.0 Cr. - Child Care Teacher
Marketing	1.0 Cr. - Adv. Marketing 1.0 Cr. - Marketing Apprenticeship
Math	1.0 Cr. - Pre-Calculus 1.0 Cr. - AP Calculus AB 1.0 Cr. - AP Calculus BC 1.0 Cr. - AP Statistics 1.0 Cr. – AP Computer Science
Music	1.0 Cr. - Choir (4 years) 1.0 Cr. - Band (4 years) 1.0 Cr. - Orchestra (4 years) 0.5 Cr. - Music Composition (2nd sem.) 1.0 Cr. - AP Music Theory
Science	1.5 Cr. - AP Chemistry plus Lab 1.0 Cr. - Honors Physics 1 and 2 0.5 Cr. - Materials Science 1.0 Cr. - AP Environmental Science 1.5 Cr. - AP Biology plus Lab 1.0 Cr. - Biotechnology Apprenticeship
Social Studies	1.0 Cr. - AP U.S. History 1.0 Cr. - AP Economics 1.0 Cr. - AP Psychology 1.0 Cr. – AP World History
Technology & Engineering	0.5 Cr. - Principles of Engineering 1.0 Cr. - Home Construction (per year/max 2) 1.0 Cr. - Auto Technology 3
World Language	1.0 Cr. - German 4 1.0 Cr. - AP German 5 1.0 Cr. - Spanish 4 1.0 Cr. - AP Spanish 5

GLOBAL SCHOLARS PROGRAM

CERTIFICATE OF GLOBAL COMPETENCE

The Oregon High School Global Scholars Program (GSP) is pleased to provide high school students with the opportunity to earn a Wisconsin Global Certificate of Global Competence. The parameters for this certification have been developed by the Wisconsin Department of Public Instruction. This achievement demonstrates a commitment and interest in acquiring global competency. Global Scholars demonstrate a strong interest in global citizenship by successfully completing a global education curriculum and engaging in co-curricular activities and experiences that foster the development of global competencies.

Graduates who successfully fulfill all requirements will:

1. Receive a transcript endorsement with the notation of "Global Scholar".
2. Receive a Certificate of Completion from the State Superintendent that certifies the named student has successfully completed a program in Global Education and is named a Wisconsin Global Scholar.

Requirements

Courses - 8 credits:

4 years/credits in a single world language
4 credits of coursework with a global focus
(Approved courses in the Curriculum Guide are noted with □. Additional world language classes will count toward the four elective credits.)

Cultural Literacy:

Independent review/reflection on 8 works of international/cultural media, including at least four books.

Cultural Activities:

Co-Curricular and other school sponsored or endorsed activities. Active participation and/or leadership in at least four activities such as participation in an international exchange program.

Community Service:

Completion of a minimum of 20 hours related to global/cross-cultural public service projects. These hours may serve toward required service hours for graduation from OHS.

Approved Courses for GSP

- AP Environmental Science - 1 cr.
- Honors English 12: World Literature - 1 cr.
- AP English Literature – 1 cr.
- Multicultural Literature -.5 cr. (pending approval)
- Global Mathematics - .5 cr.
- World Civilization - 1 cr.
- AP World History – 1 cr.
- AP Economics - 1 cr.
- Modern America in a Global Society – 1 cr.
- Geography - .5 cr.
- Educational Travel - .5 cr.
- Current Political and Social Issues Forum - .5 cr.
- International Marketing and Management - .5 cr.
- Global Arts - .5 cr.
- 4 credits of a single world language while at OHS. Classes taken at the Middle School level do NOT count toward certification.
- Online coursework in world languages not otherwise offered

Approved Cultural Activities

Participation in at least four co-curricular and other school activities is required. These may include:

1. School Clubs: Spanish Club, German Club, Multicultural Student Union, Model UN, OHS Rights, DECA (International competition only).
2. International Exchange Programs as exchange student or host:
   German Exchange Program with Langen, Germany or Rotary Club International Exchange Program
3. Travel Abroad Study:
   -Educational Travel from Class to Country course, German Exchange
4. Travel abroad mission work
5. International programs offered by colleges/universities:
   World Language Day, World Cinema Day, Day in Russia, Day in Central Asia, Day in Africa
6. Attending internationally themed events (e.g., International Fairs, Regional or Global Seminar).

Students are encouraged to seek opportunities in unique cultural activities. Check for approval with the Global Education Coordinators, Mr. Dyer or Ms. Hayhurst.

ACADEMIC AND CAREER PLANS

Beginning in 6th grade and continuing through 12th grade, students in the Oregon School District create an Academic and Career Plan. Students are guided through the planning process by faculty and staff, and their plans are stored and revised in Xello, an internet-based career exploration and planning tool. Academic and Career Plans are useful in assisting students in selecting courses that align with their career interests and post-secondary goals. Academic and Career Plans enable students to learn about future educational credentials or training that are necessary in their chosen career pathways.

CAREER CLUSTERS

The U.S. Department of Education has identified 16 career clusters that encompass the multitude of career options students have before them after high school. Students can use the career cluster framework to select courses that align with their post-secondary goals. The career clusters are not intended to limit students' access to the broad range of electives offered at Oregon High School, or to discourage a well-rounded, generalist approach to course selection. Rather, the career clusters are a tool to assist students who have a developed career plan in selecting courses that align with their post-secondary plan.

The 16 Career Clusters are:

- Agriculture, Food & Natural Resources
- Architecture and Construction
- Arts, A/V Technology & Communications
- Business, Management & Administration
- Education & Training
- Finance
- Government & Public Administration
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections & Security
- Manufacturing
- Marketing
- Science, Technology, Engineering & Math
- Transportation, Distribution & Logistics
-

CONNECTING CAREER CLUSTERS TO STUDENTS' ACADEMIC AND CAREER PLANS

Students develop their own unique Academic and Career Plans. Students who are passionate about a particular career may use the career cluster information to select courses that tightly align to their post-secondary career goals. Students who have several areas of potential interest may use the career clusters information to select courses from several clusters to blend their learning experiences based on their diverse skills and interests.
Students who are unsure of their post-secondary career goals may use the career clusters information to help them explore different post-secondary career options as they continue to learn more about their skills and interests.

All students are advised to select rigorous courses that will prepare them for the post-secondary educational or training programs that are prevalent in the majority of today's career pathways. Challenging coursework is necessary to develop the skills, dispositions, and knowledge for success beyond OHS.

Link to OHS Clubs

USING THE CAREER CLUSTERS

Each of the 16 career clusters includes the career pathways that align with that cluster. The courses identified under each cluster provide foundational learning experiences that are aligned to the career pathways. The specific courses that students select depend on the goals and action plans they have developed for themselves as part of the Academic and Career Plan. The career cluster also includes additional learning experiences to help students plan their involvement in co-curricular and service activities. With the assistance of students' counselors, students can select courses that enable them to meet their personal, social, academic, and career goals.

CAREER CLUSTER: Agriculture, Food & Natural Resources

This diverse Career Cluster prepares learners for careers in the planning, implementation, production, management, processing, and/or marketing of agricultural commodities and services, including food, fiber, wood products, natural resources, horticulture, and other plant and animal products. It also includes related professional, technical and educational services.

Pathways:

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

Participation in Career Clusters is enhanced by exploring additional classes that support student interests, talents, and growth as critical and creative thinkers.

Program of Study Suggested Classes This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites.	**AGRICULTURE:** Animals, Plants, and You; Natural Resources; Horse and Animal Science; Pet Care/Vet Science; Botany; Landscaping/Greenhouse Management; Fish & Wildlife Management; Agricultural Leadership **ART:** Any elective if interested **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Technology 1&2; Accounting 1&2 **ENGLISH:** Any elective **FAMILY AND CONSUMER SCIENCES:** Exploring the Hospitality Industry; Teen Chef-Introductory Foods; Pastry and Bakery Arts; Master Chef/Culinary Arts; Cultural Foods; Food Science; Medical Terminology **MARKETING:** Entrepreneurship-Owning Your Career; Leadership 1 **MATHEMATICS:** Algebra 1; Geometry; Algebra 2 or Math Reasoning **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Strength and Conditioning **SCIENCE:** Introduction to Electricity and Magnetism; Biology 1 & 2; Chemistry 1 & 2; Environmental Science; AP Environmental Science; Anatomy & Physiology; Biotechnology 1 & 2; Freshwater Ecology **SOCIAL STUDIES:** Any elective **TECHNOLOGY/ENGINEERING:** Electronics; Small Engines; Metal Technology; Welding 1 **WORLD LANGUAGE:** Encouraged to take at least two years of a world language.
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Global Scholars Program
School to Career	Agricultural Apprenticeship (Animals; Plants; Environmental Systems; Vet Tech; etc.); Biotechnology Apprenticeship
Student Organizations	FFA; ECOS; FCCLA; Skills USA; Science Club
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits

CAREER CLUSTER: Architecture & Construction

This Career Cluster prepares learners for careers in designing, planning, managing, building and maintaining the building environment. People employed in this cluster work on new structures, restorations, additions, alterations and repairs.

Pathways:

- Construction
- Design/Pre-Construction
- Maintenance/Operations

Participation in Career Clusters is enhanced by exploring additional classes that support student interests, talents, and growth as critical and creative thinkers.

Program of Study Suggested Classes This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites.	**AGRICULTURE:** Natural Resources; Botany; Landscaping/Greenhouse Management **ART:** Art 1; Art 2: Drawing; Art 3: Ceramic Clay Studio; Advanced Art-Portfolio; Art Tech. Workshop (STEAM) **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Technology 1 & 2; Accounting 1 & 2 **ENGLISH:** Any elective **FAMILY AND CONSUMER SCIENCES:** Housing and Interior Design **MARKETING:** Entrepreneurship-Owning Your Career **MATHEMATICS:** Algebra 1; Geometry; Algebra 2; Pre-Calculus; AP Calculus AB & BC; or Vocational Math **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Strength and Conditioning **SCIENCE:** Introduction to Electricity and Magnetism; Environmental Science; Biology 1 & 2; Chemistry 1 & 2; Materials Science; Physics or Honors Physics 1 & 2; Principles of Engineering **SOCIAL STUDIES:** Any elective **TECHNOLOGY/ENGINEERING:** Foundations of Technology Engineering; Construction Trades Exploration; Wood Manufacturing; Home Construction; Engineering Drawing and Design; Art Tech. Workshop (STEAM); Architectural Drafting; Electronics; Metal Tech; Welding 1 **WORLD LANGUAGE:** Encouraged to take at least two years of a world language.
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Global Scholars Program
School to Career	Construction Apprenticeship; Drafting and Design Apprenticeship
Student Organizations	Skills USA
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits

CAREER CLUSTER: Arts, A/V Technology & Communications

This cluster offers two different avenues of concentration.
- Careers in the Performing Arts, Visual Arts or certain aspects of Journalism, Broadcasting and Film require courses and activities that challenge students' creative talents.
- Careers in Audio-Video Communications Technology, Telecommunications or Printing Technology require strong backgrounds in computer and electronic-based technology and a solid foundation in math and science. All pathways require the ability to communicate effectively in both oral and written form.

Pathways:

- Audio and Video Technology and Film
- Journalism and Broadcasting
- Performing Arts
- Printing Technology
- Telecommunications
- Visual Arts

Participation in Career Clusters is enhanced by exploring additional classes that support student interests, talents, and growth as critical and creative thinkers.

Program of Study Suggested Classes This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites.	**AGRICULTURE:** Any elective if interested. Botany, Horse/Animal Science, or Natural Resources for science credit if needed. **ART:** Art 1; Art 2: Painting; Art 2: Drawing; Art 3: Ceramic Clay Studio; Advanced Art-Portfolio; Global Arts Fundamental Photography; Adventure Photography; Computer Animation; Art Tech. Workshop (STEAM) **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Tech 1 & 2; Graphic Design; Advanced Graphic Design; Multimedia; Advanced Multimedia and Video; Web Page Design; Advanced Web Page Design; Microsoft Office Specialist-Word, Excel, PowerPoint; AP Computer Science Principles **ENGLISH:** Advanced Speech; Journalism 1 & 2; Theater Arts; Creative Writing; Creative Nonfiction **FAMILY AND CONSUMER SCIENCES:** Focus on Fashion; Fashion Analysis; Housing and Interior Design **MARKETING:** Any elective if interested **MATHEMATICS:** Alg. 1; Geometry; Math Reasoning or Alg. 2; AP Computer Science **MUSIC:** All courses are encouraged according to your interests **PHYSICAL EDUCATION:** Any elective **SCIENCE:** Any elective. Check with your intended college for requirements. **SOCIAL STUDIES:** Political Science; Current Issues/Forum; Sociology; Psychology or AP Psychology; AP World History; History of Race and Ethnicity in the U.S. **TECHNOLOGY/ENGINEERING:** Foundations of Technology Engineering; Wood Manufacturing; Architectural Drafting; Electronics; Video Game Development; PC Systems Servicing; Metal Technology; Welding 1 **WORLD LANGUAGE:** Encouraged to take at least 2 years of a single world language.
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Global Scholars Program
School to Career	Graphic Design Apprenticeship; Business and Employability Skills; Information Technology Apprenticeship
Student Organizations	Art Club; Allies in Action, Multicultural Student Union; Drama Club; Forensics; GSA; German Club; Imagine; Musical; School Play; Panther Pals; Paw Print; Hope Squad; Spanish Club; Tech Club; Thespians; Yearbook
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits; Global Scholars Program

CAREER CLUSTER: Business, Management & Administration

This cluster prepares learners for careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service and communication.

Pathways:

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

Participation in Career Clusters is enhanced by exploring additional classes that support student interests, talents, and growth as critical and creative thinkers.

Program of Study Suggested Classes This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites.	**AGRICULTURE:** Any elective if interested. Botany, Horse/Animal Science, or Natural Resources for science credit if needed. **ART:** Any elective if interested **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Technology 1 & 2; AP Computer Science Principles; Business, Economics, and Marketing Concepts; Graphic Design; Web Page Design; Microsoft Office Specialist-Word, Excel, PowerPoint; Accounting 1 & 2 **ENGLISH:** Advanced Speech **FAMILY AND CONSUMER SCIENCES:** Exploring the Hospitality Industry **MARKETING:** Principles of Marketing; Advanced Marketing; International Marketing and Management; Entrepreneurship-Owning Your Career; Sports and Entertainment Management **MATHEMATICS:** Algebra 1; Geometry; Math Reasoning or Algebra 2; Statistics or AP Statistics; Global Mathematics **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Any elective **SCIENCE:** Any elective. Check with your intended college for requirements. **SOCIAL STUDIES:** Political Science; Law and American Society; AP Economics; Sociology; Psychology or AP Psychology; History of Race and Ethnicity in the U.S. **TECHNOLOGY/ENGINEERING:** Any elective if interested **WORLD LANGUAGE:** Encouraged to take at least 2 years of a single world language.
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Global Scholars Program
School to Career	Finance and Banking Apprenticeship; Marketing Apprenticeship; Business and Employability Skills
Student Organizations	Badger State; DECA; Allies in Action; Multicultural Student Union; FCCLA; Forensics; Student Council
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits

CAREER CLUSTER: Education & Training

This Career Cluster prepares learners for careers in planning, managing and providing education and training services, and related learning support services. Millions of learners each year train for careers in education and training in a variety of settings that offer academic instruction, career technical instruction, and other education and training services.

Pathways:

- Administration and Administrative Support
- Professional Support Services
- Teaching/Training

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Program of Study Suggested Classes This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites.	**AGRICULTURE:** Any elective if interested. Botany, Horse/Animal Science, or Natural Resources for science credit if needed. **ART:** Any elective if interested **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Technology 1 & 2; Graphic Design; Multimedia; Web Page Design; Microsoft Office Word & Powerpoint **ENGLISH:** Multicultural Literature; Advanced Speech **FAMILY & CONSUMER SCIENCES:** Child Development; Assistant Childcare Teacher; Child Care Teacher; Backpack Mentors **MARKETING:** Leadership 1 **MATHEMATICS:** Algebra 1; Geometry; Math Reasoning or Algebra 2; AP Statistics or Statistics **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Any elective **SCIENCE:** Any elective. Check with your intended college for requirements. **SOCIAL STUDIES:** Modern American History or Modern America in a Global Society; Sociology; Psychology or AP Psychology; History of Race and Ethnicity in the U.S. **TECHNOLOGY/ENGINEERING**: Any elective if interested **WORLD LANGUAGE:** Encouraged to take at 4 years of a single world language
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Adaptive Physical Education Cadet; Global Scholars Program
School to Career	Assistant Child Care Skills; Business and Employability Skills; Child Care Skills
Student Organizations	Badger State; Allies in Action; Multicultural Student Union; DECA; Forensics; GSA; Imagine; Interact; KEYS; Pride Crew; Panther Pals; Paw Print; Hope Squad; Spanish Club; Special Olympics; Student Council
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits; Global Scholars Program

CAREER CLUSTER: Finance

The Finance Cluster prepares learners for careers in financial and investment planning, banking, insurance and business financial management. Career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service and communication.

Pathways:

- Accounting
- Banking Services
- Business Finance
- Insurance
- Securities and Investments

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Program of Study This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites	**AGRICULTURE:** Any elective if interested. Botany, Horse/Animal Science, or Natural Resources for science credit if needed. **ART:** Any elective if interested **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Technology 1 & 2; Business, Economics, and Marketing Concepts; Microsoft Office Specialist Excel; Personal Finance; Accounting 1 & 2 **ENGLISH:** Any elective **FAMILY AND CONSUMER SCIENCE:** Any elective if interested **MARKETING:** Principles of Marketing; Entrepreneurship-Owning Your Career **MATHEMATICS:** Algebra 1; Geometry; Math Reasoning or Algebra 2; Pre-Calculus; AP Calculus AB & BC; AP Statistics or Statistics and Global Mathematics **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Any elective **SCIENCE:** Any elective. Check with your intended college for requirements. **SOCIAL STUDIES:** AP Economics **TECHNOLOGY/ENGINEERING**: Any elective if interested **WORLD LANGUAGE**: Encouraged to take at least 2 years of a single world language
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Global Scholars Program
School to Career	Finance and Banking Apprenticeship; Marketing Apprenticeship; Business and Employability Skills
Student Organizations	Badger State; DECA; Forensics; Math Club; Model UN; Student Council
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits

CAREER CLUSTER: Government & Public Administration

Government affects Americans in countless ways. In a democratic society, government is the means of expressing the public will. This includes a variety of activities. In fact, virtually every occupation can be found within government. There are, however, some activities that are unique to government. The federal government defends us from foreign aggression; represents American interests abroad; deliberates, passes and enforces laws; and administers many different programs. This cluster focuses on those careers that are unique to government and not contained in another Career Cluster.

Pathways:

- Foreign Service
- Governance
- National Security
- Planning
- Public Management and Administration
- Regulation
- Revenue and Taxation

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Program of Study This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites	**AGRICULTURE:** Any elective if interested. Botany, Horse/Animal Science, or Natural Resources for science credit if needed. **ART:** Any elective if interested **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Technology 1 & 2; Microsoft Office Specialist-Word, Excel, PowerPoint **ENGLISH:** Multicultural Literature **FAMILY AND CONSUMER SCIENCE:** Any elective if interested **MARKETING:** Any elective if interested **MATH:** Algebra 1; Geometry; Math Reasoning or Algebra 2; Pre-Calculus or AP Statistics or Global Mathematics **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Any elective **SCIENCE:** Introduction to Electricity and Magnetism; Environmental Science; AP Environmental Science; Freshwater Ecology; Biology 1 & 2; Chemistry 1 & 2 **SOCIAL STUDIES:** Modern American History or Modern America in a Global Society; Political Science; Current Issues/Forum; Law and American Society; AP Economics; Sociology; Psychology or AP Psychology; History of Race and Ethnicity in the U.S. **TECHNOLOGY/ENGINEERING:** Any elective if interested **WORLD LANGUAGE:** Encouraged to take 4 years of a single world language
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Global Scholars Program
School to Career	Business and Employability Skills
Student Organizations	Badger State; DECA; Allies in Action; Multicultural Student Union; ECOS; Forensics; GSA; German Club; Imagine; Interact; KEYS; Mock Trial; Model UN; Paw Print; Spanish Club; Student Council
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits

CAREER CLUSTER: Health Science

This Health Science Career Cluster orients students to careers that promote health, wellness, and diagnosis as well as treat injuries and diseases. Some of the careers involve working directly with people, while others involve research into diseases or collecting and formatting data and information. Work locations are varied and may be in hospitals, medical or dental offices or laboratories, cruise ships, medivac units, sports arenas, space centers, or within the community.

Pathways:

- Biotechnology Research & Development
- Diagnostic Services
- Health Informatics
- Support Services
- Therapeutic Services

Participation in Career Clusters is enhanced by exploring additional classes that support student interests, talents, and growth as critical and creative thinkers.

Program of Study This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites	**AGRICULTURE:** Any elective if interested. Botany, Horse/Animal Science, or Natural Resources for science credit if needed. **ART:** Any elective if interested **BUSINESS EDUCATION & INFORMATION TECHNOLOGY**: Digital Technology 1 & 2; AP Computer Science Principles **ENGLISH:** Multicultural Literature **FAMILY AND CONSUMER SCIENCES:** Introduction to Occupational Health Science Careers; Medical Terminology; Child Development **MARKETING:** Any elective if interested **MATHEMATICS:** Algebra 1; Geometry; Algebra 2; Pre-Calculus; AP Calculus AB & BC; AP Statistics or Statistics and Global Math **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Physical 4 Life; Wellness for Mind and Body **SCIENCE**: Biology 1 & 2; Chemistry 1 & 2; AP Biology; AP Chemistry; AP Environmental Science; Anatomy & Physiology; Biotechnology 1 & 2; Honors Physics 1 & 2 **SOCIAL STUDIES:** Sociology; Psychology or AP Psychology **TECHNOLOGY/ENGINEERING:** Any elective if interested **WORLD LANGUAGE:** Encouraged to take 4 years of a single world language
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Adaptive Physical Education Cadet; Global Scholars Program
School to Career	Biotechnology Apprenticeship; Health Occupations Apprenticeship; Protective Services Apprenticeship
Student Organizations	Allies in Action; Multicultural Student Union; ECOS; FCCLA; GSA; Imagine; Interact; KEYS; Panther Pals; Hope Squad; Science Olympiad
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits

CAREER CLUSTER: Hospitality & Tourism

The Hospitality and Tourism Cluster prepares learners for careers in the management, marketing and operations of restaurants and other food services, lodging, attractions, recreational events and travel-related services. Hospitality operations are located in communities throughout the world.

Pathways:

- Lodging
- Recreation, Amusements & Attractions
- Restaurants & Food/Beverage Services
- Travel & Tourism

Participation in Career Clusters is enhanced by exploring additional classes that support student interests, talents, and growth as critical and creative thinkers.

Program of Study This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites	**AGRICULTURE:** Natural Resources; Botany; Fish and Wildlife Management **ART:** Global Arts; Fundamental Photography; Adventure Photography **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Technology 1 & 2; Business, Economics and Marketing Concepts; Graphic Design; Advanced Graphic Design; Web Page Design; Advanced Web Page Design; Multimedia; Advanced Multimedia and Video **ENGLISH:** Multicultural Literature **FAMILY & CONSUMER SCIENCE:** Exploring the Hospitality Industry; Teen Chef-Introductory Foods; Pastry and Bakery Arts; Master Chef/Culinary Arts 1 & 2; Cultural Foods **MARKETING:** Principles of Marketing; Advanced Marketing; Sports and Entertainment Management; International Marketing and Management; Entrepreneurship-Owning Your Career **MATHEMATICS:** Algebra 1; Geometry; Math Reasoning or Algebra 2 or and Global Mathematics **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Recreational Sports 1 & 2 **SCIENCE:** Any elective. Check with the intended college for requirements. **SOCIAL STUDIES:** Current Issues/Forum; Geography; Sociology; Psychology or AP Psychology; History of Race and Ethnicity in the U.S. **TECHNOLOGY/ENGINEERING:** Any elective if interested **WORLD LANGUAGE:** Encouraged to take 4 years of a single world language
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Global Scholars Program
School to Career	Hospitality/Tourism/Foodservice Apprenticeship; Marketing Apprenticeship
Student Organizations	DECA; Allies in Action; Multicultural Student Union; FCCLA; Forensics; GSA; German Club; Interact; Model UN; Panther Pals; Paw Print; Spanish Club; Yearbook
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits

CAREER CLUSTER: Human Services

This diverse Career Cluster prepares individuals for employment in career pathways related to families and human needs. There are thousands of challenging educational and training opportunities within the high-skilled world of Human Services.

Pathways:

- Consumer Services
- Counseling & Mental Health Services
- Early Childhood Development & Services
- Family & Community Services
- Personal Care Services

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Program of Study This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites	**AGRICULTURE:** Any elective if interested. Botany, Horse/Animal Science, or Natural Resources for science credit if needed. **ART:** Any elective if interested **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Technology 1 & 2 **ENGLISH:** Multicultural Literature **FAMILY & CONSUMER SCIENCE:** Focus on Fashion; Housing and Interior Design; Introduction to Occupational Health Science Careers; Medical Terminology; Child Development; Assistant Childcare Teacher; Child Care Teacher; Backpack Mentors **MARKETING:** Any elective if interested **MATHEMATICS:** Algebra 1; Geometry; Math Reasoning or Algebra 2; or Global Mathematics **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Wellness for Mind and Body **SCIENCE:** Introduction to Electricity and Magnetism; Environmental Science; Biology 1 & 2; Chemistry 1 & 2; Anatomy and Physiology **SOCIAL STUDIES:** Sociology; Psychology or AP Psychology; History of Race and Ethnicity in the U.S. **TECHNOLOGY/ENGINEERING:** Any elective if interested **WORLD LANGUAGE:** Encouraged to take 4 years of a single world language
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Adaptive Physical Education Cadet; Global Scholars Program
School to Career	Assistant Child Care Skills; Business and Employability Skills; Child Care Skills; Health Occupations Apprenticeship
Student Organizations	Allies in Action; Multicultural Student Union; FCCLA; Forensics; GSA; Imagine; Interact; KEYS; Panther Pals; Paw Print; Hope Squad; Student Council
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits

CAREER CLUSTER: Information Technology

IT careers involve the design, development, support and management of hardware, software, multimedia and systems integration services. The IT industry is a dynamic and entrepreneurial working environment that has a revolutionary impact on the economy and society. In addition to careers in the IT industry, IT careers are available in every sector of the economy—from Financial Services to Medical Services, from Business to Engineering and Environmental Services. Anyone preparing for an IT career should have a solid grounding in math and science.

Pathways:

- Information Support & Services
- Network Systems
- Programming & Software Development
- Web & Digital Communications

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Program of Study This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites	**AGRICULTURE:** Any elective if interested. Botany, Horse/Animal Science, or Natural Resources for science credit if needed. **ART:** Art 1; Computer Animation **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Technology 1 & 2; AP Computer Science Principles; Multimedia; Advanced Multimedia and Video; Web Page Design; Advanced Web Page Design; Microsoft Office Specialist-Word, Excel, PowerPoint **ENGLISH:** Any elective **FAMILY AND CONSUMER SCIENCE:** Any elective if interested **MARKETING:** Entrepreneurship- Owning Your Career **MATHEMATICS:** Algebra 1; Geometry; Algebra 2; Pre-Calculus; AP Calculus AB & BC; AP Statistics; AP Computer Science **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Any elective **SCIENCE:** Any elective. Check with your intended college for requirements. **SOCIAL STUDIES:** Any elective **TECHNOLOGY/ENGINEERING:** Foundations of Technology Engineering; Electronics; Video Game Development; PC Systems Servicing **WORLD LANGUAGE:** Encouraged to take at least 2 years of a single world language
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Global Scholars Program
School to Career	Graphic Arts Apprenticeship; Information Technology Apprenticeship
Student Organizations	Math Club; Tech Club
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits

CAREER CLUSTER: Law, Public Safety, Corrections & Security

The Law, Public Safety, Corrections and Security Cluster helps prepare students for careers in planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

Pathways:

- Correction Services
- Emergency & Fire Management Services
- Law Enforcement Services
- Legal Services
- Security & Protective Services

Participation in Career Clusters is enhanced by exploring additional classes that support student interests, talents, and growth as critical and creative thinkers.

Program of Study This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites	**AGRICULTURE:** Any elective if interested. Botany, Horse/Animal Science, or Natural Resources for science credit if needed. **ART:** Any elective if interested **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Technology 1 & 2 **ENGLISH:** Multicultural Literature **FAMILY AND CONSUMER SCIENCES:** Introduction to Occupational Health Science Careers; Medical Terminology **MARKETING:** Leadership 1 **MATHEMATICS:** Algebra 1; Geometry; Math Reasoning or Algebra 2; AP Statistics or Statistics **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Strength and Conditioning; Functional Performance Training **SCIENCE:** Any elective. Check with your intended college for requirements. **SOCIAL STUDIES:** Modern American History or Modern America in a Global Society; Political Science; Current Issues/ Forum; Law and American Society; Sociology; Psychology or AP Psychology; History of Race and Ethnicity in the U.S. **TECHNOLOGY/ENGINEERING:** Any elective if interested **WORLD LANGUAGE:** Encouraged to take 4 years of a single world language
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Global Scholars Program
School to Career	Protective Services Apprenticeship; Business and Employability Skills
Student Organizations	Badger State; Allies in Action; Multicultural Student Union; Forensics; GSA; Imagine; Interact; KEYS; Mock Trial; Model UN; Panther Pals; Student Council
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits

CAREER CLUSTER: Manufacturing

This diverse Career Cluster prepares learners for careers in planning, managing, and performing the processing of materials into intermediate or final products. Careers also include related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

Pathways:

- Health, Safety & Environmental Assurance
- Logistics & Inventory Control
- Maintenance, Installation & Repair
- Manufacturing Production Process Development
- Production
- Quality Assurance

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Program of Study This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites	**AGRICULTURE:** Any elective if interested. Botany, Horse/Animal Science, or Natural Resources for science credit if needed. **ART:** Any elective if interested **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Technology 1 & 2; AP Computer Science Principles **ENGLISH:** Any elective **FAMILY & CONSUMER SCIENCES:** Food Science **MARKETING:** Any elective if interested **MATHEMATICS:** Algebra 1; Geometry; Math Reasoning or Algebra 2; AP Statistics or Statistics and Global Math **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Any elective **SCIENCE:** Environmental Science; Introduction to Electricity and Magnetism; Biology 1 & 2; Chemistry 1 & 2; Materials Science; Physics or Honors Physics; Principles of Engineering; Earth and Space Science **SOCIAL STUDIES:** Any elective **TECHNOLOGY/ENGINEERING:** Foundations of Technology Engineering; Construction Trades Exploration; Wood Manufacturing; Advanced Wood Manufacturing; Home Construction; Engineering Drawing, and Design; Architectural Drafting; Electronics; Small Engines; Auto Technology 1-3; Metal Technology; Machine Tool 1; Welding 1 **WORLD LANGUAGE**: Encouraged to take at least 2 years of a single world language
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Global Scholars Program
School to Career	Manufacturing Apprenticeship; Drafting and Design Apprenticeship; Welding Apprenticeship
Student Organizations	Skills USA; Tech Club
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits

CAREER CLUSTER: Marketing

This Career Cluster prepares learners for careers in planning, managing and performing marketing activities to reach organizational objectives. Learners need a solid background in communication, math and technical skills.

Pathways:

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

Participation in Career Clusters is enhanced by exploring additional classes that support student interests, talents, and growth as critical and creative thinkers.

Program of Study This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites	**AGRICULTURE:** Any elective if interested. Botany, Horse/Animal Science, or Natural Resources for science credit if needed. **ART:** Any elective if interested **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Technology 1 & 2; Business, Economics, and Marketing Concepts; Graphic Design; Advanced Graphic Design; Multimedia; Advanced Multimedia and Video; Web Page Design; Advanced Web Page Design; Accounting 1 & 2; Microsoft Office Specialist-Word, Excel, PowerPoint **ENGLISH:** Any elective **FAMILY & CONSUMER SCIENCES:** Focus on Fashion; Housing and Interior Design **MARKETING:** Marketing Principles; Sports & Entertainment Management; Entrepreneurship-Owning Your Career; International Marketing and Management; Advanced Marketing **MATHEMATICS:** Algebra 1; Geometry; Math Reasoning or Algebra 2; AP Statistics or Statistics and Global Math **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Any elective **SCIENCE:** Any elective. Check with intended college for requirements. **SOCIAL STUDIES:** Law and American Society; AP Economics; Sociology; Psychology or AP Psychology **TECHNOLOGY/ENGINEERING:** Any elective if interested **WORLD LANGUAGE:** Encouraged to take 4 years of a single world language
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Global Scholars Program
School to Career	Marketing Apprenticeship; Business and Employability Skills; Hospitality/Tourism/Foodservice Apprenticeship
Student Organizations	DECA; FCCLA; Allies in Action; Multicultural Student Union; Forensics; Student Council; Yearbook
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits

CAREER CLUSTER: Science, Technology, Engineering & Math

A career in science, technology, engineering or mathematics is exciting, challenging, and ever-changing. Learners who pursue one of these career fields will be involved in planning, managing, and providing scientific research and professional and technical services including laboratory and testing services, and research and development services.

Pathways:

- Engineering & Technology
- Science & Math

Participation in Career Clusters is enhanced by exploring additional classes that support student interests, talents, and growth as critical and creative thinkers.

Program of Study This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites	**AGRICULTURE:** Any elective if interested. Botany, Horse/Animal Science, or Natural Resources for science credit if needed. **ART:** Any elective if interested **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Technology 1 & 2 **ENGLISH:** Any elective **FAMILY & CONSUMER SCIENCES:** Introduction to Occupational Health Science Careers; Medical Terminology **MARKETING:** Any elective if interested **MATHEMATICS:** Algebra 1; Geometry; Algebra 2; Pre-Calculus; AP Calculus AB & BC; Statistics or AP Statistics; AP Computer Science **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Any elective **SCIENCE:** Chemistry 1 & 2; Materials Science; AP Chemistry; Environmental Science; Physics or Honors Physics 1 & 2; Principles of Engineering; AP Environmental Science; Freshwater Ecology; Biology 1 & 2; AP Biology; Biotechnology 1 & 2; Earth and Space Science **SOCIAL STUDIES:** Any elective **TECHNOLOGY/ENGINEERING:** Foundations of Technology Engineering; Construction Trades Exploration; Wood Manufacturing; Advanced Wood Manufacturing; Home Construction; Engineering Drawing, and Design; Architectural Drafting; Electronics; PC Systems Servicing; Small Engines; Metal Technology; Machine Tool 1; Welding 1; Auto Technology 1-3 **WORLD LANGUAGE**: Encouraged to take at least 2 years of a single world language
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Global Scholars Program
School to Career	Biotechnology Apprenticeship; Drafting and Design Apprenticeship; Manufacturing Apprenticeship
Student Organizations	ECOS; FFA; Math Club; Science Olympiad; Skills USA; Tech Club
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits

CAREER CLUSTER: Transportation, Distribution & Logistics

This diverse Career Cluster exposes students to careers and businesses involved in the planning, management, and movement of people, materials, and products by road, air, rail and water. It also includes related professional and technical support services such as infrastructure planning and management, logistic services, and the maintenance of mobile equipment and facilities.

Pathways:

- Facility & Mobile Equipment Maintenance
- Health, Safety & Environmental Management
- Logistics Planning & Management Services
- Sales & Service
- Transportation Systems/Infrastructure Planning, Management & Regulation
- Warehousing & Distribution Center Operations

Participation in Career Clusters is enhanced by exploring additional classes that support student interests, talents, and growth as critical and creative thinkers.

Program of Study This Program of Study should serve as a guide along with other career planning activities.	
High School Courses These courses align with this Program of Study. This list does not include required courses that are applicable to all programs. Check course descriptions for specific prerequisites	**AGRICULTURE:** Any elective if interested. Botany, Horse/Animal Science, or Natural Resources for science credit if needed. **ART:** Any elective if interested **BUSINESS EDUCATION & INFORMATION TECHNOLOGY:** Digital Technology 1 & 2; Business, Economics, and Marketing Concepts **ENGLISH:** Any elective **FAMILY AND CONSUMER SCIENCE:** Any elective if interested **MARKETING:** Any elective if interested **MATHEMATICS:** Algebra 1; Geometry; Math Reasoning or Algebra 2; AP Statistics, or Statistics and Global Math. **MUSIC:** Any elective if interested **PHYSICAL EDUCATION:** Any elective **SCIENCE:** Any elective. Check with intended college for requirements. **SOCIAL STUDIES:** Any elective **TECHNOLOGY/ENGINEERING:** Foundations of Technology Engineering; Engineering Drawing, and Design; Electronics; Small Engines; Metal Technology; Machine Tool; Welding; Auto Technology 1-3 **WORLD LANGUAGE:** Encouraged to take at least 2 years of a single world language
Other Learning Opportunities	College Options; Online Learning; Dane County Career Classes; Cadet; Peer Tutor; K-8 Tutor; Global Scholars Program
School to Career	Auto Technology Apprenticeship; Welding Apprenticeship
Student Organizations	Skills USA; Science Club
Career Exploration	Xello; Job Shadows; Mock Interviews; Career Fairs; College Visits

◂COURSE DESCRIPTIONS▸

◄ AGRICULTURE ►

✪EQUIVALENT SCIENCE CREDIT
Courses with this designation (Equivalent Science) have been approved for equivalent credit by the Wisconsin Department of Public Instruction (DPI). These courses also will be documented on the student's transcript with an "ES". In addition to meeting high school graduation requirements, this designation will verify to postsecondary institutions that the course has been approved for equivalent credit by the DPI. Most University of WI System campuses have agreed to accept the certified agriculture/science courses toward admission requirements in science. Please check with your post-secondary interests regarding their requirements.

✦The Advanced Course designation is used to recognize Student Honor Awards on graduation day.

ANIMALS, PLANTS, AND YOU **AGR101/102**
1 Credit Elective
Prerequisite: none
Animals, Plants, and You describes the surface of agriculture as this introductory agriculture course exposes you to the tip of the agriculture iceberg. Students explore the food science industry, soil, animals, and plants in this year-long course. Projects include beef jerky, cheese making, research, raising annual bedding plants, and chickens. Field trips, guest speakers, and career exploration events are a part of this course.

NATURAL RESOURCES (ES) **AGR151/152**
✪1 Credit Elective (Equivalent Science Credit)
Prerequisite: none
This is an introductory course to Natural Resources which includes soil, water, fish, wildlife, forestry, and outdoor recreation. Students learn about the science of our natural resources and how these systems are interdependent on one another. Projects include soil conservation boxes, timber cruising, and aquaculture to name a few. Field trips, guest speakers, and career exploration events are also included. This course is the prerequisite for Fish and Wildlife Management. **Note: Check with your intended college to verify this course meets Science requirements.**

HORSE & ANIMAL SCIENCE (ES) **AGR213**
✪1/2 Credit Elective (Equivalent Science Credit)
Prerequisite: Animals, Plants, and You
This course is designed to study the welfare, use, and care of livestock. Emphasis is on animal health, productivity, nutrition, and reproduction. Identification of breeds, proper feeding, genetics, and handling techniques are studied. Students will be required to care for live animals, prepare feed rations, select the ideal animals, and discuss animal welfare. The learning process will be enhanced by presentations from guest speakers and field trips.

PET CARE/VET SCIENCE **AGR233**
1/2 Credit Elective
Prerequisite: sophomore, junior, or senior standing, (Horse and Animal Science and/or Animals, Plants, and You recommended)
This course is for students with an interest in companion animals, pets, or who are planning to pursue a career in vet science. Care and management will be emphasized for each species studied: dogs, cats, rabbits, rodents, birds, and other laboratory animals. Students will begin to learn common veterinary terminology and equipment. Instruction in this class will involve field trips to the Humane Society and veterinary clinics. Labs will include caring for and maintaining live animals.

BOTANY (PLANT SCIENCE) (ES) **AGR253**
✪1/2 Credit Elective (Equivalent Science Credit)
Prerequisite: Animals, Plants, and You or Natural Resources
This semester course will explore the science of plants. Students learn the inner workings of a plant and understand the importance of photosynthesis, respiration, and transpiration in plants as well as plant reproduction. Projects include growing poinsettias, plant cuttings, hydroponics, seed germination, and other plant applications. Guest speakers and career exploration events are included. This course is strongly recommended for students taking Landscaping/Greenhouse Management.

LANDSCAPING/GREENHOUSE MANAGEMENT **AGR243**
1/2 Credit Elective
Prerequisite: Botany and sophomore, junior, or senior standing
This course involves using the department greenhouse for various lab work and experiments. Students will have their own greenhouse plants to do various "hands on" activities. Students will grow the plants for the annual plant sale held in early May. Emphasis will be in providing students with skills needed to be successful in working in the horticulture industry. Landscaping activities include work on school grounds, students' homes, and other requests from local residents involving site analysis, graphic design, service area, public area, and business fundamentals. Field trips and guest speakers will be utilized to enhance the learning process.

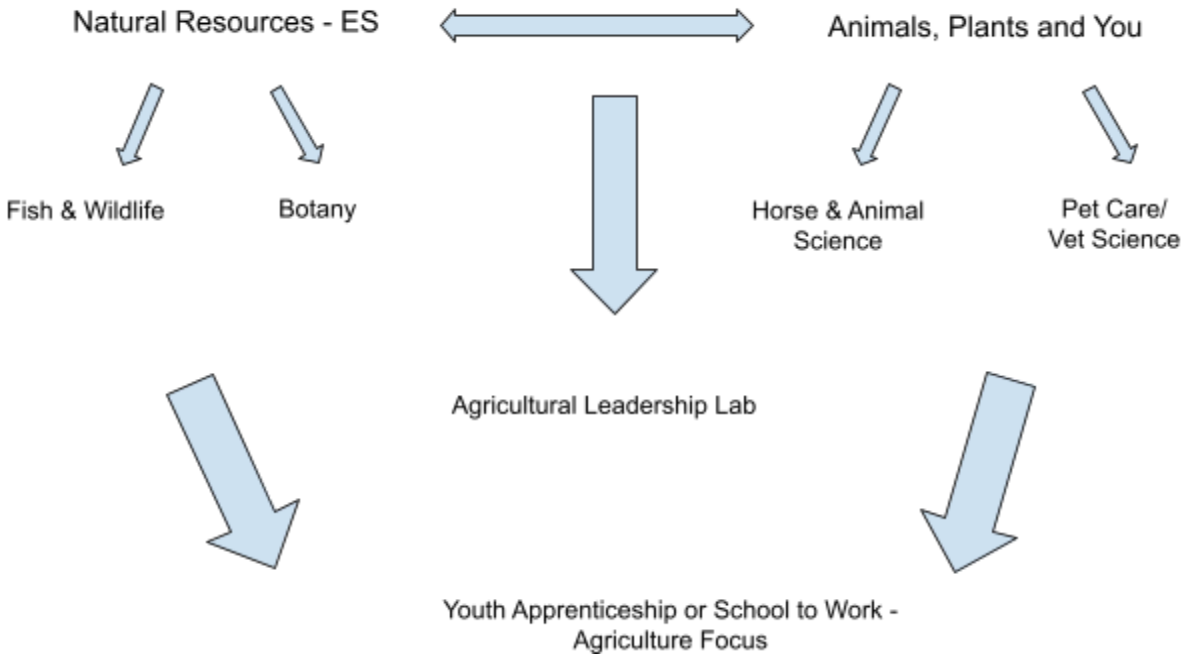
FISH & WILDLIFE MANAGEMENT **AGR301/302**
1 Credit Elective
Prerequisite: Natural Resources
This course is designed for the student who has an interest in preserving our fish and wildlife habitat. Content areas include marine and freshwater fisheries, wildlife identification, habitat improvement plans, outdoor recreation, and taxidermy. Hunting and fishing regulations, as well as other legislative issues will be

topics of discussion. Labs include squirrel taxidermy, habitat improvements, fur bearers as well as planning fishing trips. Guest speakers and field trips are a part of this course.

AGRICULTURAL LEADERSHIP LAB **AGR263**
1/2 Credit Elective
Prerequisite: Leadership 1 (see Marketing Department)
Enjoy learning about your personal leadership style in Leadership 1? Continue your leadership growth as you apply your leadership skills in the group setting. This course focuses on leading groups. Students will master parliamentary procedure, work with varying personality types to plan service projects, and complete a personal leadership plan. Students will be actively engaged in leading as they plan, implement, collaborate with Leadership 1 students, and evaluate a service learning project in the semester.

YOUTH APPRENTICESHIP OPPORTUNITIES ARE AVAILABLE IN THIS AREA, PLEASE GO TO SCHOOL TO CAREER/APPRENTICESHIP SECTION FOR MORE INFORMATION.

Agriculture Education Course Sequence



◄ ART ►

 Completion of a course with this designation fulfills part of the requirements needed to earn the Wisconsin Certificate of Global Competence.

✦The Advanced Course designation is used to recognize Student Honor Awards on graduation day. **All courses except Art 1 and Global Art may be repeated for Advanced credits.**

ART 1 **ART101/102**
1 Credit Elective
Prerequisite: none
This basic art course is open to all students and may be taken any year. It is the prerequisite for many of the other art courses. This year-long course will acquaint the student with basic elements of art and the principles of design. Techniques of various mediums such as pencil, pen and ink, paint, 3-D art, and printing will be explored. The students will exercise these fundamentals of art when planning and solving a variety of artistic problems.

ART 2: PAINTING **ART201/202**
ADV. ART 2: PAINTING **ART221/222**
1 Credit Elective
Prerequisite: Art 1 or senior standing with instructor approval
✦This course may be repeated for advanced credit.
This year-long course includes a comprehensive investigation of painting techniques. Many techniques will be explored, including but not limited to: tempera, acrylic, and various mixed media painting procedures. This class will emphasize watercolor and acrylic painting practices and performance. The painting composition explores traditional approaches as well as developing a personal style.

ART 2: DRAWING **ART231/232**
ADV. ART 2: DRAWING **ART241/242**
1 Credit Elective
Prerequisite: Art 1 or instructor approval
✦This course may be repeated for advanced credit.
This course is an introductory course in drawing and self-expression. This year-long course will emphasize classical training and explore alternative drawing techniques and mixed media. Proportions, perspective, and smooth shading in traditional realism will be components used. Subjects covered include the drawing of human face and figure, shading, and perspective through the world of nature and still life, using the elements of art and principles of design. Materials and techniques will include pencil, charcoal, graphic marker, pen and ink, and pastel to name a few.

ART 3: CERAMIC CLAY STUDIO **ART301/302**
ADV. ART 3: CERAMIC CLAY STUDIO **ART321/322**
1 Credit Elective
Prerequisite: Art 1 or instructor approval
✦This course may be repeated for advanced credit.
Students will learn the fundamentals of making wheel-thrown pottery (like bowls and mugs) and hand built clay sculpture. Through hands-on assignments, and demonstrations students discover the nature and possibilities of clay as a 3D medium. Students interested in solving three-dimensional artistic challenges that involve inventive thinking and working with clay should consider this class. Creativity and quality craftsmanship are emphasized. All projects will include exposure to various tools, techniques, vocabulary, cultural connections, and exposure to artisans currently involved in the ceramic process.

ADVANCED ART: PORTFOLIO **ART401/402**
✦1 Credit Elective (Advanced Course)
Prerequisite: Art 1 and any of the following: Art 2, Art 3, Photography, Comp. Animation, or instructor approval
This course may be repeated for credit.
Students will create advanced projects in specific areas from the art curriculum. This course offers independent student driven projects that help develop and showcase your own artistic vision and style. Emphasis will be on creative problem solving using the fundamentals of art and principles of design. This course will also examine the process of applying, preparing, and presenting an art portfolio to various educational institutions and art career options in the visual arts will be investigated.

GLOBAL ARTS **ART263**
 1/2 Credit Elective (Global Ed. Cert.)
Prerequisite: sophomore, junior, or senior standing or instructor approval
This Art History class is a survey of global arts from pre-history to contemporary times with an emphasis on the world's diverse cultural influences in art as well as art on traditional social events. Attention will be paid to developing skills of formal and contextual analysis of various art styles through time. It uses various educational techniques, such as personalized learning, to explore new ways how art has left its legacy on the world stage.

FUNDAMENTAL PHOTOGRAPHY **ART253**
1/2 Credit Elective
Prerequisite: sophomore, junior, or senior standing or instructor approval, Art 1 recommended
✦This course may be repeated for advanced credit.
Each student will be provided with the opportunity to learn basic and advanced photography skills. The class will emphasize fundamental fine art photography skills (traditional darkroom) and introduce students to modern photography technology (digital darkroom). Through creative experimentation student photographers will be given the chance to develop individual styles. Aspiring artists will gain knowledge of the workings of the traditional film as well as new digital cameras. Everyone will explore methods and composition used in taking good photographs. This course is recommended for all students who will ever snap the shutter to expand their capabilities in photography.

ADVENTURE PHOTOGRAPHY **ART273**
✦1/2 Credit Elective (Advanced Course)
Prerequisite: sophomore, junior, or senior standing (Art I or Fundamental Photography recommended)
This course may be repeated for credit.
Students will have the opportunity to gain knowledge of photography and videography skills through personalized learning techniques. From behind the lens the student photographers will be given the chance to develop individual style with custom-made creative experimentation. Modified learning methods will be used as students learn to communicate through a variety of photographic styles, technology, and photographic tools (digital camera, camera phones and HD video). Students will explore outside the classroom with various walking adventures and field trips. This course is recommended for all students who want to expand their expertise in photography and video for everyday enjoyment or as the beginning portfolio for a professional career.

(STEAM) ART TECH WORKSHOP **INT315**
1/2 Credit Elective
Prerequisite: sophomore, junior, or senior standing or consent of instructor (Art 1 or Foundations of Technology and Engineering is recommended)
This course combines industrial technology and art skills fused into a contemporary learning opportunity (STEAM). In this hands-on lab, students will gain new understanding and explore modern manufacturing trades and art elements. Students will develop functional art with individual style and custom-made creative experimentation, while learning to communicate through a variety of art styles and tools. This course is recommended for students who want to expand their expertise in art and industrial design for either personal fulfillment or as the enterprising portfolio for a professional career. Students will be provided the opportunity to gain knowledge of Art and Technical Education skills through personalized learning techniques.

COMPUTER ANIMATION **BUS351/352**
1 Credit Elective
Prerequisite: sophomore, junior, or senior standing
✦This course may be repeated for advanced credit.
This is a nationally recognized class. It is one of a few such classes offered in a yearlong curriculum format in the country. Students will learn diversified styles of illustration, gamma, and cartooning formats as well as basic computer programs and commands to create their own animations at an introductory level. This course will integrate many curriculum skills to create traditional and computerized animations. Computer Animation is the perfect complement to our Video Game Development class and those seeking a career in game design!

BUSINESS, FINANCE, AND INFORMATION TECHNOLOGY

Business/Finance	☐ Business, Economics, & Marketing Concepts	.5 credits
	☐ Accounting 1	1 credit
	☐ Accounting 2	1 credit
	☐ Finance and Banking Apprenticeship	1 credit per semester
Design	☐ Graphic Design	1 credit
	☐ Advanced Graphic Design (may be repeated)	.5 credits
	☐ Yearbook (may be repeated)	1 credit
	☐ Multimedia	.5 credits
	☐ Advanced Multimedia (may be repeated)	.5 credits
	☐ Web Page Design	.5 credits
	☐ Advanced Web Page Design	.5 credits
	☐ Computer Animation	1 credit
	☐ Graphic Arts Apprenticeship	1 credit per semester
Information Technology	☐ Digital Technology 1	.5 credits
	☐ Digital Technology 2	.5 credits
	☐ Microsoft Office Specialist (Word, Excel, Powerpoint)	.5 credits
	☐ AP Computer Science	1 credit
	☐ Information Technology Apprenticeship	1 credit per semester
Future Ready	☐ Personal Finance	.5 credits
	☐ Junior/Senior Seminar	.5 credits

◂ BUSINESS, FINANCE, & INFORMATION TECHNOLOGY ▸

◈DUAL CREDIT
Students taking courses with this designation may be eligible for dual credit at Madison College. See your instructor for details.

✦The Advanced Course designation is used to recognize Student Honor Awards on graduation day.

DIGITAL TECHNOLOGY I **BUS101**
1/2 Credit Elective
Prerequisite: none
Students must adapt to constantly emerging technology and appropriately interact among online organizations and communities. Digital Tech 1 teaches students to be shrewd consumers and skilled users of the ever-changing tools available to them on their devices. In addition, technology skills that are required throughout the high school curriculum are taught and reinforced. Students will understand and grow their Personal Learning network, professional communications, and advance their research skills with Google Power Searching strategies. Standards covered also include digital citizenship, multimedia, coding, online collaboration, study apps, blogs, wikis, etc. Students learn about and explore using tech tools for school, work, and personal life.

DIGITAL TECHNOLOGY II **BUS102**
1/2 Credit Elective
Prerequisite: none
This course covers business and financial literacy applications that utilize spreadsheets, databases, and charting. Students will use professional productivity software (Excel), web tools,& apps. This course is highly recommended for students who want to continue to develop their technology skills or are planning a future in a business career. Students will continue their coding experience as well as explore VR (virtual reality) and AR (augmented reality). Deep analysis of machine learning versus AI helps students to drive into ethical issues related to technology.

YEARBOOK **BUS121/122**
1 Credit Elective
Prerequisite: none
Do you want to document and share your high school memories through the design, and production of the school yearbook? This

is a project-based course for students interested in graphic design, photography, and publishing. Course content will include creating layouts, interviewing students and staff, photography, and writing articles for publication. Participants gain useful, real-world skills in time management, teamwork, and design principles. Students must be reliable, organized, and independent. This is a Year-long class.

BUSINESS, ECONOMICS, AND MARKETING CONCEPTS **BUS173**
1/2 Credit Elective
Prerequisite: none
Students will learn about the economy, global business, entrepreneurship, as well as business and marketing, and careers within these fields. Students will use technology, simulation games, current events, and create projects to demonstrate learning. Students taking this course will be better prepared for the concepts taught in marketing, entrepreneurship, international business, economics, and some social studies content. Students will create their very own business plan!

GRAPHIC DESIGN **BUS231/232**
◈1 Credit Elective (Dual Credit)
Prerequisite: sophomore, junior, or senior standing, Digital Technology 1 recommended
Explore the exciting world of graphic design and learn Adobe InDesign, Illustrator, and Photoshop. This course is designed for students interested in the areas of graphic design, publishing, printing, journalism, marketing, and photography. Students will be using the latest computer techniques to design the layout for such items as logos, programs, brochures, greeting cards, newsletters, posters, advertising schemes, and other business and commercial-related products. This is a year-long class.

ADVANCED GRAPHIC DESIGN **BUS241 (S1)**
✦1/2 to 1 Credit Elective (Advanced Course) **BUS242 (S2)**
Prerequisite: Desktop Publishing
This course may be repeated for multiple credits.
This is an opportunity for students to further enhance the skills learned in Graphic Design. Advanced techniques in graphic design will be explored and applied. This course will be treated like a job experience class as students will develop layout and design for various district-wide and community documents.

MULTIMEDIA **BUS433**
1/2 Credit Elective
Prerequisite: Digital Technology 1 recommended
Technology is moving faster; don't be left behind. In this class you will learn how to do all the exciting things you've seen on TV, commercials, in the movies, and on the Internet. Students will create music videos, clay animation, utilize blue/green screen technology, and learn how to use a digital camera. Students will study videos from YouTube, upload video to the Internet, and create videos on an iPad, cell phone, or other personal media device. Do all this while learning all the latest and most popular video editing software, Adobe Premiere Pro.

ADVANCED MULTIMEDIA **BUS531/BUS532**
✦1/2 to 1 Credit Elective (Advanced Course)
Prerequisite: Multimedia or instructor approval
This course may be repeated for multiple credits.
This course offers students the opportunity to promote their expertise learned in Multimedia. Advanced techniques in video editing and multimedia presentation design will be explored and applied. This course will be treated like a job experience class as students will develop layout and design for various district-wide and community projects.

WEB PAGE DESIGN **BUS443**
1/2 Credit Elective
Prerequisite: none
In this class, learn how to create web pages that will attract and hold the viewer's interest. This class will use the web authoring software program Dreamweaver to design web pages that focus on effective web design while also understanding HTML and CSS coding. Join this class for an exciting adventure in creating web pages for school, personal, and business use.

ADVANCED WEB PAGE DESIGN **BUS453**
1/2 Credit Elective
Prerequisite: Web Page Design
Have you ever seen something on the web and said to yourself, "How did they do that?" In Advanced Web Page Design, you will learn how to use programs to develop interactive websites including buttons and games. You will also use design animations to be used in advertisements for the web, as well as other interactive content. Start designing web pages like a pro.

MICROSOFT OFFICE SPECIALIST (MOS) — WORD, EXCEL, POWERPOINT **BUS473**
1/2 Credit Elective
Prerequisite: None
Do you want to become an expert user of Microsoft Office Word, Excel, and PowerPoint? Do you want to have the skills necessary to be successful in high school, college, and on the job? If you do, this course is for you! Take this course for repeat credit to become an expert in Word, Excel, and PowerPoint. Students will have the option to take the industry standard test and become a Microsoft Office Specialist! This course is a necessity for business majors or anyone planning to work in an office environment.

AP COMPUTER SCIENCE PRINCIPLES **BUS581/582**
✦1 Credit Elective (Advanced Course)
Prerequisite: Algebra 1
AP Computer Science Principles is a full year college-level course designed to prepare students for the AP Computer Science

Principles exam given by the College Board. Students earning a 3, 4 or 5 may be given college credit. AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. Students will also research a current topic in technology and create an app for the AP CSP Portfolio. Students will complete practice exams in preparation for the AP test in May.

PERSONAL FINANCE **BUS463**
1/2 Credit Required
Prerequisite: junior or senior standing
Do you know how much money it will take to live on your own? Do you understand how credit works? Are you ready to manage your money wisely? Do you know how to compare buy/lease options for a vehicle? In this class you will develop the strategies for managing your money, explore skills for wise use of credit, gain insight into different ways of investing money, explore the fundamentals of insurance, learn how to rent an apartment, file income taxes, and create a budget.

ACCOUNTING 1 **BUS501/502**
1 Credit Elective
Prerequisite: sophomore, junior, or senior standing
Accounting is the language of business! If you are interested in a career in the business field or you want to own your own business, this course should be on your schedule. Whether attending a four-year university, technical school, or entering the workforce, this course will provide the student with the basic background and knowledge of accounting principles and procedures. Examples of activities include computer and manual recording of transactions preparing balance sheets, payroll applications, and banking procedures for a service and merchandising business.

ACCOUNTING 2 **BUS521/522**
✦1 Credit Elective (Advanced Course)
Prerequisite: Accounting 1
Students will be preparing for a career in Accounting, Business, or Finance and will acquire a more thorough, in-depth knowledge of accounting procedures and techniques used in solving business problems and making financial decisions. Students will use simulations to solve accounting problems as well as managerial decision making.

JUNIOR/SENIOR SEMINAR **BUS493**
1/2 Credit Elective
Prerequisite: junior or senior standing
Senior Seminar will help students plan and prepare for life after high school. Topics will be relevant and personalized. Students will participate in postsecondary education and employment planning activities guided by their own academic and career plans, including college applications (essays, scholarship applications, FAFSA, and student loans), interviewing, resumes, career exploration, and preparing for careers and life after high school. This comprehensive course will give students the confidence for further education and the workplace.

COMPUTER ANIMATION **BUS351/352**
1 Credit Elective
Prerequisite: sophomore, junior, or senior standing
✦This course may be repeated for advanced credit.
See Art section for course description.

YOUTH APPRENTICESHIP OPPORTUNITIES ARE AVAILABLE IN THIS AREA, PLEASE GO TO SCHOOL TO CAREER/APPRENTICESHIP SECTION FOR MORE INFORMATION.

ENGLISH COURSE OFFERINGS

(FOUR CREDITS REQUIRED FOR GRADUATION)

9th Grade Grade	**Required Course:** ENG101/102–English 9 or Honors 9	
10th Grade	**Required Course:** ENG201/202–English 10 or Honors 10	**Electives:** ENG503/543 – Journalistic Writing 1 and 2
11th Grade	Required "Elective" Courses: Students must select one of the following courses: ENG301/301 – English 11: The American Character OR ENG361/362 - AP Language and Composition	**Electives:** ENG503/543 – Journalistic Writing 1 and 2 ENG553 – Creative Writing ENG483 – Creative Nonfiction ENG 573 – Advanced Speech ENG583 – Multicultural Literature ENG623 – Mythology ENG633 – Sports, Literature, and Society *ENG593 – Writing for Film Analysis – ***Not NCAA approved*** *#ENG523 – Theater Arts – ***May not be accepted by UW colleges as an English credit. Not NCAA approved***
12th Grade	**Required Course:** There are no required courses, but most students will need to take a total of one credit of English their senior year in order to meet the four credit OHS graduation requirement.	**Electives:** ENG401/402 English 12: The Human Experience ENG441/442 Honors English 12: World Literature ENG461/462 AP English Literature& Composition ENG361/362 AP English Language & Composition ENG451/452 Introduction to College Reading and Writing ENG503/543 – Journalistic Writing 1 & 2 ENG553 – Creative Writing ENG483 – Creative Nonfiction ENG573 – Advanced Speech ENG583 – Multicultural Literature ENG623 – Mythology ENG633 – Sports, Literature, and Society *ENG593 – Writing for Film Analysis – ***Not NCAA approved*** *#ENG523 – Theater Arts –***May not be accepted by UW colleges as an English credit. Not NCAA approved***

***Course is NOT approved for NCAA Division 1 and 2 eligibility. See your counselor if you have questions.**

#UW Eau Claire, Green Bay, and Milwaukee do NOT recognize this course as a core English credit for admissions. Students should consult admissions policies for their specific college(s)to verify this course is approved as a core English credit for admissions

◄ ENGLISH ►

◈DUAL CREDIT
Students taking courses with this designation may be eligible for dual credit at Madison College. See your instructor for details.

 Completion of a course with this designation fulfills part of the requirements needed to earn the Wisconsin Certificate of Global Competence.

✦The Advanced Course designation is used to recognize Student Honor Awards on graduation day.

ENGLISH 9 **ENG101/102**
1 Credit Required
Prerequisite: freshman standing
In English 9 the curriculum stresses the development of concepts necessary to understand and appreciate various literary forms through reader's/writer's workshop, the novel, and the short story. Students will be required to write for a variety of purposes and study the basics of grammar. In addition to critical thinking skills being emphasized, special emphasis is placed on the four domains of language arts: speaking, listening, reading, and writing. The focus is on the identity of one's influence within society.

HONORS ENGLISH 9 **ENG141/142**
1 Credit Elective
Prerequisite: freshman standing
The English 9 Honors curriculum stresses the development of concepts necessary to understand and appreciate various literary forms such as mythology, the novel, the short story, and drama. Students will be required to read and write in high volumes, and to a variety of audiences. A few assignments include: multi-paragraph essays, grammar and vocabulary studies, narrative/multigenre writing, and presentations/ discussions. Students will participate in Independent Reading on a weekly basis. Because this is an honors level course, we will move at a fast pace and you will be held to high standards of achievement. A focal point of the class will be improving stamina in reading and writing. Placement into this course is typically from instructor invitation/approval.

ENGLISH 10 **ENG201/202**
1 Credit Required
Prerequisite: English 9
In English 10, emphasis is placed on communication skills. Writing skills, including grammar, usage, vocabulary and spelling, are important to the study of the novel and Shakespearean plays. Students will also write a research paper which incorporates secondary sources. Oral communication skills are practiced in group discussions, Socratic seminars, group projects, and persuasive speeches. Students will explore local issues as well as global issues.

HONORS ENGLISH 10 **ENG241/242**
1 Credit Elective
Prerequisite: Grade of B or higher in Honors English 9 or instructor approval
Honors English 10 is an advanced class with a strong emphasis on reading and writing. Communication skills including writing, grammar, usage, vocabulary, and spelling are important to the study of the novel, short story and Shakespearean plays. Students will also write a research paper which incorporates secondary sources. Oral communication skills are practiced in group discussions, Socratic seminars, group projects, and persuasive speeches.

ENGLISH 11: THE AMERICAN CHARACTER **ENG301/302**
1 Credit Elective
Prerequisite: completion of English 9 & 10 or Honors English 9 & 10
American literature is the focus of this course with special emphasis placed on three essential questions: What makes American literature American? What is the relationship between place and literature? How does literature shape or reflect society? Students should be prepared to write frequently and to apply basic language skills such as usage, spelling, and grammar. Essay writing and research skills will be developed throughout the year. MLA format will be stressed. Sustained Silent Reading (SSR) is a requirement.

AP ENGLISH LANGUAGE/COMPOSITION **ENG361/362**
✦1 Credit Elective (Advanced Course)
Prerequisite: B or higher in Honors English 10 or Honors English 11 or instructor approval
Students will discuss and critically analyze writing as well as develop the ability to craft an argument, synthesize sources, and conduct research at an advanced level. Students will also cultivate print and media literacy by studying the rhetoric of visual media through photos, commercials (print and video), documentary films, political cartoons, and essays and speeches. The course is designed to teach college-level writing skills. The course is organized thematically centered around topics of race, culture,

gender, the economy, politics and personal choice, in an effort to understand the features of the human condition, the commonalities in the human experience, and the nature of the human spirit. The majority of reading will come from non-fiction texts that demonstrate various modes of composition and styles of argument, as well as fiction and poetry. In May, students will have the option of taking the AP Language and Composition test and earn college credit.

ENGLISH 12: THE HUMAN EXPERIENCE ENG401/402
1 Credit Elective, may take semesters individually
Prerequisite: senior standing
In this class students will read a variety of novels, both traditional literary classics and modern works of acclaim, which focus on the multitude of conflicts within the human experience. This course requires a variety of written assignments including, but not limited to, expository essays, annotating, journaling, summarizing, and formal research based papers. Critical thinking and problem solving skills will be refined through both group and individual projects which
will be presented using the standard conventions of effective communication. Active participation in literary discussions is also an expectation of this class.

AP ENG. LITERATURE & COMPOSITION ENG461/462
HONORS ENG. 12: WORLD LITERATURE ENG441/442
□✦1 Credit Elective (Global Ed. Cert.) (Advanced Course)
Recommended: senior standing, grade of B or higher in AP English Language and Composition, or instructor approval
Students will critically read and analyze imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers as well as interpret an author's language and literary techniques emphasizing imagery, mood, diction, tone, theme, syntax, and other stylistic devices. A major goal of this course is to help students develop critical standards for interpreting literature while attaining stylistic maturity of expression in writing. Emphasis is placed on college composition and research skills and in-depth written literary analysis of a variety of literary genres. Units include works from American and world authors focusing on novels, drama, poetry as well as Greek/Roman mythology. In May, students will have the option of taking the AP Literature and Composition test and earn college credit.

INTRODUCTION TO COLLEGE READING AND WRITING ENG451/452
◈1 Credit Elective (Dual Credit)
Prerequisite: senior standing
This full year course is a college-level English class that is reading and writing intensive. Emphasis will be given to developing critical thinking and reading skills necessary to be successful college readers and writers. While assuming competence in basic paragraph and essay structure, this course develops students' principles of composition, including organization, development, unity, and coherence in paragraphs and multi-paragraph documents. This course also focuses on enhancing college reading and study techniques and offers students extended practice in applying these strategies to a variety of college level materials. Students acquire writing process awareness, self-advocacy skills for understanding and managing assignments, and information literacy skills to prepare them for college writing. Students who successfully complete the course will be placed in the Written Communication class (or English 1 transfer course) at Madison College rather than testing in or taking remedial coursework. With this in mind, it is important to note that this class is designed for highly motivated students and is not a remedial course. Students may take this for dual credit at Madison College and Oregon High School, or for Oregon High School credit only.

CREATIVE NONFICTION ENG483
1/2 Credit Elective
Prerequisite: junior or senior standing
Students enrolled in this course will read and study creative nonfiction in its various forms (travel writing, biography, true crime, journalistic nonfiction, essay collections, historical nonfiction) both as a literary genre and as an avenue for reading for pleasure and entertainment. Students will read several works of nonfiction with an emphasis on student choice during each unit, and will write for various audiences and purposes, including a culminating creative nonfiction writing project. Students should expect to manage both short- and long-term reading and writing tasks, and to participate actively in classroom discussions.

JOURNALISTIC WRITING 1 ENG503
1/2 Credit Elective
Prerequisite: sophomore, junior, or senior standing
Recommended: B or higher in previous English course
Journalistic Writing is designed to prepare students for Journalistic Writing 2, a production class. Students of all writing abilities are eligible to complete this semester course which will explore the journalistic process by emphasizing written, oral, and digital communication skills appropriate for college preparatory students. In this entry-level class, students will learn the basics behind journalistic writing and will have the opportunity to contribute to Oregon High School's online and print student publication, Paw Print. This course will incorporate an interactive learning process, student-generated discussions, and extensive writing assignments or projects. Another component focuses on students' participation in the interviewing process and subsequent written and photography work relating to such interviews. Students who elect this course must have basic knowledge of Microsoft Word.

JOURNALISTIC WRITING 2 **ENG543**
1/2 Credit Elective
Prerequisite: Journalistic Writing 1
Students will continue to develop their journalistic writing skills in this semester course as they mentor entry-level writers (Journalistic Writing 1) and improve communication skills appropriate for college preparatory students. Journalism 2 students work with Journalism 1 students as group leaders for each of the journalism departments: news, sports, entertainment, community, and opinion. Students will contribute articles for consideration for publication in Oregon High School's online and print student publication, Paw Print. This course will incorporate an interactive learning process, student-generated discussions, extensive writing assignments or projects, and computer design and layout for both print and online publications. Another component focuses on students' participation in the interviewing process and subsequent written and photography work relating to such interviews.

THEATER ARTS **ENG523**
1/2 Credit Elective
Prerequisite: junior or senior standing
Students will read and analyze a survey of classic Greek and Roman dramas, as well as dramatic European and American works. Students will study lighting design, costuming, make-up, character analysis, acting, and set design. Students will apply their knowledge of these theatrical aspects to the works that are read in class. Students will study acting through their performances relating to improvisation, monologues, and scene work. This course is intended for students who are interested in exploring theatrical experiences regardless of their prior theater experience. **Some schools may not accept this as a core admissions English course. Check with your college/university. This course is not approved for NCAA Division 1 or 2 athletic eligibility as a core class.**

CREATIVE WRITING **ENG553**
1/2 Credit Elective
Prerequisite: junior or senior standing
This course is designed for students who want to explore and enjoy writing as a form of art and personal expression. Students will incorporate elements of previously learned literary devices such as voice, imagery, characterization, dialogue, and narration in their exploration of short fiction, poetry, and scriptwriting. The course emphasizes steps of the writing process such as idea generation, creation and development of drafts, and basic editing. Students should possess a desire to write their own material.

ADVANCED SPEECH **ENG573**
1/2 Credit Elective
Prerequisite: junior or senior standing
This course will focus on the fundamentals of public speaking and the rhetorical tradition. Students should be prepared to develop outlines, write manuscripts, and deliver numerous speeches throughout the semester. Both formative and summative evaluations will be utilized.

MULTICULTURAL LITERATURE **ENG583**
1/2 Credit Elective (Global Ed. Cert.)
Prerequisite: junior or senior standing
Multicultural Literature is a course that will allow students to study a variety of texts (novels, short stories, poems, articles, non-traditional sources, etc.) from diverse and global authors with the addition of studying historical backgrounds including societal injustices that impact different cultures, genders, and races. Students will leave Oregon High School with a rich understanding of diversity, culturally sensitive issues, and a larger global perspective on life, and the world in which they live. New to the course will be an emphasis on anti-racism - increasing not just cultural awareness, but empowering learners to have a presence in the community, and to make positive steps forward for all. This course will also allow students to earn credit toward GSP certification.
*This course compliments History of Race and Ethnicity in the US.

WRITING FOR FILM ANALYSIS **ENG593**
✦1/2 Credit Elective (Advanced Course)
Prerequisite: junior or senior standing
This course is not about watching films for pleasure. This course for college bound students will explore various genres of film and will introduce the student to different forms of film criticism. Students will gain valuable insights which will heighten film viewing and analysis of film as a mode of communication. Students will be expected to actively participate in summative class discussions. This course will reinforce strong written and oral communication skills, advanced or grade-level reading comprehension, and time-management skills. Students should be prepared to write academic essays over the semester in addition to exams and formative class work. **(For students seeking athletic eligibility in NCAA Division 1 or 2, this course is not an approved core English credit.)**

MYTHOLOGY **ENG623**
1/2 Credit Elective
Prerequisite: junior or senior standing
This course will explore a variety of texts involving mythology from various cultures, including Greek, Egyptian, Norse, Celtic, and Native American. We will also look at the modern day references to mythology, including but not limited to Star Wars and Marvel stories. Students will read, analyze, and respond to selected articles, stories, novel excerpts, plays, epics, and movies. Students will write informative, analytical, and creative papers as well as produce creative projects, comics, and presentations. This course is reading-, writing-, and speaking-intensive, and it will involve collaborative work among peers.

Sports, Literature, and Society **ENG633**
1/2 Credit Elective
Prerequisite: junior or senior standing
Most Americans probably either participate in sports or watch their favorite sports without a full appreciation of its importance in the fabric of modern American culture. In this course we will exam a variety of sports-based literature (prose, poetry, novels, non-fiction, op-ed short and long form reporting, and multimedia), write and converse about issues confronting sports in our society (including opinion, researched arguments, extended and formal research writing, creative writing journals), and discuss connections between sports and society. Among the essential questions this course seeks to consider are: How is our culture expressed through the sports we play and in which we participate? How do sports define ourselves and our culture? Themes studied include, but are not limited to, race and sports, leadership and character, ethics of sport and competition, rivalries, success and failure, heroes, women and sports, purpose of sports, individual and team, amateurism, and more. Students will be expected to complete assigned readings, discuss in large and/or small groups, write short and extended essays, and to think about the essential questions. Students will leave Oregon High School with an understanding of how sports reflect and influence the American and global life that they will be fully vested in upon graduation.

FAMILY AND CONSUMER SCIENCES

◈DUAL CREDIT
Students taking courses with this designation may be eligible for dual credit at Madison College and Fox Valley Technical College. See your instructor for details.

 Completion of a course with this designation fulfills part of the requirements needed to earn the Wisconsin Certificate of Global Competence.

✦The Advanced Course designation is used to recognize Student Honor Awards on graduation day.

EXPLORING THE HOSPITALITY INDUSTRY **FAC101**
◈1/2 Credit Elective
Prerequisite: none
Hospitality and tourism is one of the fastest growing industries in the world. This course is an introduction to the broad spectrum of the hospitality and tourism services industry. The student will investigate and examine typical career areas including lodging, cruising, restaurant and food services, managed services, beverages, club management, attractions, recreation management, convention services and event and meeting management. The student will explore career opportunities and the historical and operational perspectives of the many career areas.

TEEN CHEF - INTRODUCTORY FOODS **FAC103**
1/2 Credit Elective
Prerequisite: none
This course focuses on basic food preparation skills you will use throughout your life. Nutrition principles are emphasized in the selection and preparation of food in this hands-on course. Food preparation skills learned in laboratory experiences include mixing methods used in baking, basic knife techniques, and the selection and preparation of fruits, vegetables, salads, eggs, pasta, milk, cheese, and meat. A basic must-have survival course for all high school students!

PASTRY AND BAKERY ARTS **FAC113**
1/2 Credit Elective
Prerequisite: Teen Chef or sophomore, junior, or senior standing
Pastry and Bakery Arts is designed for the student with a personal interest in baking or for the student with a career interest in becoming a professional baker or pastry chef. In this hands-on class students practice techniques used in creating breads, pastries, cookies, quick breads, cakes and basic decorating. The fundamentals of working with chocolate and the preparation of frozen desserts, custard, mousse and candy-making are introduced. This course also includes instruction on the function of ingredients, equipment, recipe costing, and career opportunities in the field of pastry and baking.

MASTER CHEF/CULINARY ARTS I **FAC123**
1/2 Credit Elective
Prerequisite: sophomore, junior, or senior standing
Master Chef/Culinary Arts I is for the student who wants to learn how to make "great food" for personal use and develop transferable skills for a potential career in the culinary world. This class is hands-on and skill based. The curriculum includes units of study on the history of foodservice, food and workplace safety, knife skills, soups, sauces, salads, cooking methods, sandwiches, and pizza. Students are encouraged to join FCCLA (Family, Career, and Community Leaders of America) and develop leadership skills by participating in STAR competitive events or serving as a Regional Representative, Ambassador, or State Officer

MASTER CHEF/CULINARY ARTS II **FAC133**
✦1/2 Credit Elective (Advanced Course)
Prerequisite: Master Chef/Culinary Arts I
Culinary Arts II is for the student "foodie" with a career or personal interest in the preparation of quality food products from fresh/basic ingredients. The curriculum is hands-on and builds on skills introduced in Master Chef I. Units of study include poultry, meat, seafood, fruit, vegetables, grains, pasta, appetizers, short order cooking, operational practices, industry trends, career opportunities and professionalism. This course is designed for the student to achieve a complete understanding and solid foundation in Culinary Arts leading to post-secondary education or a food service career.

CULTURAL FOODS **FAC143**
 1/2 Credit Elective (Global Ed. Cert.)
Prerequisite: Teen Chef and sophomore, junior, or senior standing
This course introduces students to the way in which culture and traditions of regions and countries influence food choices. Students will prepare food from various regions and countries to compare cuisines, ingredients used, and preferred cooking methods. In this hands-on course, students will investigate global food issues and develop an understanding of people and cultures through their cuisine. This course will take you, the student, on a global taste tour!

FOOD SCIENCE **FAC313**
1/2 Credit Elective
Prerequisite: none
In Food Science the student will study the science concepts related to one area of the known world - food. Units of study include the science of food, basic food chemistry, food microbiology, food preservation and packaging, and working with complex food systems such as solutions, colloidal dispersions and suspensions as well as product research and food science related careers. Lab learning activities build skills in teamwork, critical thinking, and problem solving. This course will reveal how daily life is embedded with events that exemplify the close relationship between food and the scientific world. Food Science is a relevant course for all students because everyone eats!

FOCUS ON FASHION **FAC213**
1/2 Credit Elective
Prerequisite: none
Focus on Fashion examines a growing industry where teens see themselves as active stakeholders. Units of study examine the social and psychological aspects of clothing, fashion history, designers, design basics, textiles and personal style. Students learn to create "their right look" and are introduced to the skills and knowledge required of the major career fields in the fashion world.

HOUSING AND INTERIOR DESIGN **FAC233**
1/2 Credit Elective
Prerequisite: sophomore, junior, or senior standing
This course offers students the opportunity to explore and develop skills in the career field as an interior designer/ decorator. Projects are integrated throughout the course with technology to provide applications as students' study architecture, furniture styles and construction, surface treatments and backgrounds, and design and function of space and lighting.

INTRODUCTION TO OCCUPATIONAL HEALTH SCIENCE CAREERS **FAC323**
1/2 Credit Elective
Prerequisite: none
Introduction to Occupational Health Science Careers is designed for the student with a career interest in the field of health science and health technology. This course will help prepare the student for careers related to medicine, nursing, dentistry, and allied health programs. Students will be introduced to health care delivery systems, legal and ethical healthcare issues, personal financial literacy, and employability and job seeking skills. Students are invited to participate in HOSA (Future Health Professionals of America) where they will have the opportunity to network with professionals and participate in state and national competitive events.

INTRODUCTION TO MEDICAL TERMINOLOGY **FAC114**
1/2 Credit Elective
Prerequisite: sophomore, junior, or senior standing
This course is designed to develop working knowledge in all major areas of health science. Students will acquire word-building skills by learning prefixes, suffixes, roots, abbreviations, correct pronunciation, spelling and application rules. By relating terms to body systems, students will identify proper use of words in a medical environment. Knowledge of medical terminology enhances one's ability to successfully secure employment/pursue advanced education.

MEDICAL TERMINOLOGY **FAC115**
◈ 1/2 Credit Elective (Dual Credit option)
Prerequisite: Introduction to Medical Language recommended but not required. Junior or Senior standing
Medical Terminology is a college level course taught in an online format. The focus of the course is word building using roots, prefixes, and suffixes, with an emphasis on correct pronunciation and spelling of medical terms. Terminology studied relates to body systems, mental health, gerontology, oncology, medical imaging, and pharmacology. Weekly learning activities, chapter and unit assessments, and a final exam are required. Successful course completion earns a student 3 college credits at Madison College. Credits may be transferable per agreements between Madison College and other colleges and universities.

CHILD DEVELOPMENT **FAC413**
1/2 Credit Elective
Prerequisite: none
Child health and development focuses on skills needed to guide the physical, intellectual, emotional, and social development of children. Emphasis is given to the development of competencies related to the study of children. Upon completion of this course, the students should be prepared to care for and guide the development of a child through all stages of growth - within a family, as a child-care professional, or in other experiences with children.

CHILD DEVELOPMENT **FAC443**
◈½ Credit Elective (Dual Credit)
Prerequisite: **Junior or Senior standing**
This course examines child development within the context of the early childhood education setting. Course competencies include: integrate strategies that support diversity, cultural responsiveness, and anti-bias perspectives; analyze social, cultural, and economic influences on child development; summarize child development theories; analyze development of children ages three through five; analyze development of children ages five through eight; relate child development research findings to teaching practice; analyze the role of heredity and the environment; examine the role of brain development in early learning (ages three through eight) examine developmental and environmental assessment strategies

for children ages three through eight. **Successful completion earns a student 3 technical college credits.**

ASSISTANT CHILDCARE TEACHER (INTRODUCTION TO THE CHILDCARE PROFESSION) FAC653

◈1/2 Credit Elective

Prerequisite: Sophomore, junior or senior standing

Do you have a career interest in working with young children in fields such as teaching, social work, nursing/medicine, recreation, counseling, childcare, or exceptional needs, among others? Upon successful completion of this course, students will receive a certificate of completion from the Dept. of Public Instruction and may be employed as an assistant childcare teacher in a licensed childcare setting. Use your skills and knowledge to earn income after graduation and while you prepare for a career in child services. This course meets requirements for initial employment as set forth by the Dept. of Social Services. **Successful course completion earns a student 3 technical college credits.**

CHILDCARE TEACHER (ONE YEAR — SENIOR YEAR) FAC661/662

◈✦3 Credit Elective (Honors Course & Dual Credit)

Students must also sign up for ZAP291/292, School to Career Childcare, in conjunction with this class.

Prerequisite: senior standing and Assistant Childcare Teacher certification

This class covers: Skills and Strategies for the Childcare Teacher, Fundamentals of Infant and Toddler Care, and Fundamentals of Group Childcare. Students have the opportunity to "earn while they learn" by working as an Assistant Childcare Teacher. Students will continue learning and applying their skills and move to the next level, earning a Childcare Teacher certificate when they graduate. Students enrolled in the child services skill certificate program will work a minimum of 15 hours per week in a licensed childcare setting and participate in a complimentary high school course which will tie the work experience and the skill certificate lessons into practical learning experiences. Upon successful completion, students will receive 3 high school credits, Childcare Teacher certification, Infant and Toddler certification, and an Employability Certificate. **Successful course completion earns a student 6 technical college credits.**

REPURPOSE AND REDESIGN FAC433

1/2 Credit Elective

Prerequisite: None

Repurpose and Redesign is a course that applies recycling and redesign skills to create samples of your creativity skills. Students will select used fashion, home, or other post-consumer items to repurpose into a new product. Students will also have an opportunity to learn how to sew and create a new project(s). Students may use an item they competed in a FCCLA (Family, Career, and Community Leaders of America) event. This course is a blended learning model. Students will meet weekly with the instructor to discuss strategies for managing their time and projects.

BACKPACK MENTORS FAC423

◈1/2 Credit Elective

Prerequisite: Junior or senior; must be able to drive to and from a mentoring site and have an interest in the Education and Training Career Pathway.

This course provides an introduction to a future career in the field of education by teaching the practical skills and dispositions needed to work effectively with children, teachers, staff, and administrators in K-12 settings. Students will take part in mentoring younger students within our school district. Mentoring will occur during school hours. Students will experience early classroom involvement and individual interactions three days a week. For the remaining two days, students will be provided instruction via google classroom. This course does NOT teach you how to teach. Instead, it will help you begin thinking in new and informed ways about teaching and learning. Inspire, Empower, Mentor! **Successful course completion earns a student 3 technical college credits.**

YOUTH APPRENTICESHIP OPPORTUNITIES ARE AVAILABLE IN THIS AREA, PLEASE GO TO SCHOOL TO CAREER/APPRENTICESHIP SECTION FOR MORE INFORMATION.

◄ HEALTH ►

HEALTH DECISIONS **HLT113**

1/2 Credit Required

Prerequisite: sophomore standing

This course is designed to assist students in obtaining accurate information, developing lifelong positive attitudes and behaviors, and making wise decisions related to their personal health. Curriculum for this course is designed around state standards for health (core concepts, analyzing influences, accessing information, interpersonal communication, decision making, goal setting, self-management, and advocacy). Central themes are the acceptance of personal responsibility for lifelong health, respect for and promotion of the health of others, an understanding of the process of growth and development, and informed use of health-related information, products, and services.

◄ MARKETING ►

◈DUAL CREDIT
Students taking courses with this designation may be eligible for dual credit at Madison College. See your instructor for details.

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PRINCIPLES OF MARKETING — MRK101/102
◈1 Credit Elective
Prerequisite: none
Students in this class have fun completing group work and individual projects that allow them to learn marketing skills and explore careers. When talking about careers, students learn about opportunities in Sports Marketing, Retail Management, Advertising, Restaurant Marketing, Travel & Tourism, Banking, and Food Marketing. Employers are seeking to hire students who have studied sales, advertising, distribution, pricing, product development, and marketing research. DECA activities and competitions are also a major part of this class. Every student is a member of our local DECA chapter and invited to participate in competitions, develop leadership skills by participating in seminars, and attend meetings with some of the area's largest employers.

ADVANCED MARKETING — MRK201/202
✦1 Credit Elective (Dual Credit/Advanced Course)
Prerequisite: 1 credit of Marketing coursework and/or DECA State and National Qualifiers.
This course introduces the student to an understanding of both the consumer and business marketplaces with a primary focus on the strategies necessary to market goods and services in a domestic and global environment from the perspective of a variety of organizational structures. This course will build upon the foundations of marketing functions at an advanced level. Instructional strategies include project-based and research-based activities requiring critical thinking and problem solving skills. There is also value placed on distribution, financing, marketing-information management, pricing, product/service management, promotion, and selling. Emphasis will be placed on the impact that customer behavior has on marketing functions. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. A primary focus of this course will be centered on the marketing principles university CLEP exam for college credit at participating universities.
http://clep.collegeboard.org/

SPORTS AND ENTERTAINMENT MANAGEMENT — MRK143
1/2 Credit Elective
Prerequisite: sophomore, junior, or senior standing
Sports, tourism, and entertainment are a part of everyone's life. Students in this class will create their own entertainment events. This may include contracts with presenters, advertising sales, event sponsorship, design and production of program, security, and management of the event. Guest speakers from area sports and entertainment businesses will be present. Students will also study player contracts, licensing, endorsements, consumer decision-making, and careers. Businesses that will be studied include Disney World, Wisconsin Dells, Southwest Airlines, Milwaukee Bucks, Green Bay Packers, and professional sports leagues including the LPGA, NFL, NHL, NBL, and the NBA. Student activities will include individual and group projects, notes, and lots of talking about planning an event!

ENTREPRENEURSHIP — OWNING YOUR CAREER — MRK153
◈1/2 Credit Elective (Dual Credit)
Prerequisite: sophomore, junior, or senior standing
This course is for all students who are interested in some day opening a business of their own. Students will evaluate their personal strengths and weaknesses and compare them with the typical successful business owner. They will research potential opportunities to establish a new business. The major outcome of this course will be a written business plan that could someday be submitted to request funding from investors.

LEADERSHIP 1 — MRK173
1/2 Credit Elective
Prerequisite: none
You-Yes-You can be a leader. Whether in school, a team, an organization, or in the community, there are many applications we can learn from both great and not-so-great leaders of this world. This course is highly recommended for students who want to get involved and challenge ordinary leadership thinking. You will foster and further develop your leadership and communication skills in ways you may have never thought of before. This course will make students more aware of the implications and challenges they face as tomorrow's leaders. Problem-solving, conflict resolution, ethics, creative thinking, team development, and effective leadership are some of this class's components. Expect to make a difference in this course towards competency, character, culture, and community.

International Marketing and Management **MRK163**

□ 1/2 Credit Elective (Global Ed. Cert.)

Prerequisite: Marketing Principles or instructor approval

This is a continuation of " Marketing Principles". It is a fun class that involves a lot of small group work in the application of marketing in an international economy. Students will develop an understanding of how marketing principles can be used effectively in other cultures. Topics will include: Cultural Differences between Countries, International Trade Regulations, Market Research, Advertising around the World, and New Product Development. Students will study the impact of the Internet on the way businesses develop their marketing plan. We will also discuss current event issues, including world economy, global outsourcing, international trade agreements, and careers in international marketing.

Understanding basic management principles will also be a major focus of this class. Students will learn about traditional business practices dealing with: Appointments, Negotiating Contracts, Business Entertaining, Protocol, Gestures, Gifts, and Appropriate Dress. You will gain skills that will allow you to form positive working relationships with people who have different cultural backgrounds, beliefs, and opinions. The final project for this class will be the creation of a marketing plan to introduce a product into a foreign country.

Youth apprenticeship opportunities are available in this area, please go to school to career/apprenticeship section for more information.

◄ MATHEMATICS ►

◈DUAL CREDIT
Students taking courses with this designation may be eligible for dual credit at Madison College. See your instructor for details.

 Completion of a course with this designation fulfills part of the requirements needed to earn the Wisconsin Certificate of Global Competence.

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ALGEBRA 1 **MAT201/202**
1 Credit Elective
Prerequisite: none
Algebra 1 covers the basic concepts and structures of the real number system. The course content includes the study of linear equations and inequalities, systems of linear equations and inequalities, polynomials, factoring, quadratic and exponential functions, rational expressions and equations, and radical expressions and equations. A scientific calculator (TI-30 series) is required for the course.

GEOMETRY **MAT301/302**
1 Credit Elective
Prerequisite: Algebra 1
Geometry is the investigation into the relations, properties, and measurement of lines, angles, surfaces, and solids and the theory of space and figures in space. The course content is divided into two sections. The first semester includes the study of definitions, logical inductive and deductive reasoning, angle relations, parallel and perpendicular lines and planes, triangles, quadrilaterals, congruence, and similarity. The second semester includes the study of right triangles, trigonometry, circles, and areas and volumes of polygons, circles, and solids. Different types of mathematical proof are an important part of this course. A scientific calculator (TI-30 Series) is required for the course.

MATH REASONING **MAT221/222**
◈1 Credit Elective (Dual Credit)
Prerequisite: Algebra 1 & Geometry, senior standing, recommended Algebra 2
This year-long 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 and earns credit through Madison College. **Note: Check with your intended college to verify this course meets Mathematics requirements.**

ALGEBRA 2 **MAT401/402**
1 Credit Elective
Prerequisite: Algebra 1 & Geometry
Algebra 2 reviews basic material from previous courses and introduces the student to new concepts of advanced mathematics. The first semester includes the study of number sets, characteristics of the real number system, solutions of linear equations and inequalities in one and two variables, solving verbal problems, properties of polynomials and rational expressions, factoring polynomials, systems of equations, and rectangular coordinate work. The second semester is primarily concerned with the key concepts of relation and function. Emphasis is placed on linear, quadratic, exponential, and logarithmic functions and their properties, on the set of imaginary numbers, and on analytic geometry. A scientific calculator (TI-30X11S) is recommended for the course.

PRE-CALCULUS **MAT561/562**
✦1 Credit Elective (Advanced Course)
Prerequisite: Geometry AND Algebra 2, recommended Algebra 2 grade of B or higher
Pre-Calculus is designed to help students develop and strengthen their understanding of the topics of advanced algebra. During the first semester, students focus on algebraic, polynomial, rational, exponential, logarithmic, and trigonometric functions. During the second semester, students study additional topics in trigonometry, analytic geometry, sequences, probability, and an introduction to AP Calculus topics. A graphing calculator (TI-84Plus) is recommended for this course.

AP CALCULUS AB **MAT661/662**
✦1 Credit Elective (Advanced Course)
Prerequisite: grade of B or higher in Algebra 2 and Pre-Calculus and/or instructor approval
This course is designed for students who will be continuing their education beyond high school in the fields of math, science, engineering, business, electronics, and medicine. Emphasis will be on basic theory of the Calculus and applications in the physical world. This is a S1 of university level calculus. Students may earn up to 5 college credits by passing the Advanced Placement exam. The use of graphing calculators (TI-84Plus is recommended) and computer applications will be included in the curriculum. This course is accredited through the College Board.

AP CALCULUS BC **MAT761/762**
✦1 Credit Elective (Advanced Course)

Recommended: grade of C or better in AP Calculus AB
This is equivalent to S2 of university level calculus. Students may earn up to 10 college credits by passing the Advanced Placement exam. Students will be expected to have their own graphing calculator, TI 84 Plus is recommended. Topics will include: Extensions of those covered in AP Calculus AB; parametric, polar and vector functions; improper integrals; differential equations; advanced integration techniques; polynomial approximations and series. This course is accredited through the College Board.

AP COMPUTER SCIENCE **MAT781/782**
✦1 Credit Elective (Advanced Course)
Recommended: grade of B or better in Algebra 2
Computer Science embraces problem solving and perspectives that help people utilize computers to address real-world problems in contemporary life. This course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions and the ethical and social implications of computing. This course emphasizes both object-oriented and imperative problem solving and design. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. This course is compatible with many CS1 courses in colleges and universities and is accredited through the College Board.

AP STATISTICS **MAT681/682**
✦1 Credit Elective (Advanced Course)
Prerequisite: Algebra 2 with a recommended grade of B or higher
The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

- Exploring Data: Describing patterns and departures from patterns
- Sampling and Experimentation: Planning and conducting a study
- Anticipating Patterns: Exploring random phenomena using probability and simulation
- Statistical Inference: Estimating population parameters and testing hypotheses

This course is accredited through the College Board.

STATISTICS **MAT683**
1/2 Credit Elective
Prerequisite: successful completion of Algebra 1 and Geometry
This course takes an in-depth look at the mathematics involved in our lives every day: statistics. The interpretation of statistics in the media will play a major role in this course, as students will explore how statistics can be used to display and distort data. Mathematical literacy, writing skills, and technology skills will all be important attributes developed in this course. The use of a TI-84Plus calculator is required. This is a one semester course that may be taken independently or in conjunction with another mathematics course.

GLOBAL MATHEMATICS **MAT333**
□1/2 Credit Elective (Global Ed. Cert.)
Prerequisite: Algebra 1 and Geometry
Global Mathematics is a course that examines fascinating topics from the world of mathematics. The curriculum includes mathematical topics from ancient to modern times. Topics include ancient number systems and explorations of the history of Chinese, Indian, Mayan, Babylonian, and European mathematics. Students will use this historical perspective as a basis to utilize mathematics to study and solve current global issues. This is a one semester course that may be taken independently or in conjunction with another mathematics course.

◄ MUSIC ►

✦The Advanced Course designation is used to recognize Student Honor Awards on graduation day.

CHAMBER CHOIR **MUS121/122**
1 Credit Elective
Prerequisite: freshman standing
This is a vocal music ensemble of soprano and alto voices for 9th grade students entering Oregon High School. Emphasis is on music literacy (sight singing and music theory) and vocal technique. Choir students are exposed to and study music from a wide variety of genres, styles, and cultures. CHAMBER CHOIR meets every day for 45 minutes all year long. There are three summative concert assessments during the school year: December, March and May. Students have the opportunity for participation in WSMA Solo and Ensemble Festival as a soloist or small ensemble member.

CANTABILE **MUS131/132**
1 Credit Elective
Prerequisite: sophomore, junior, or senior standing
✦ This course may be repeated for advanced credits.
This is a vocal ensemble of soprano and alto voices for 10th - 12th grade students at Oregon High School. Emphasis is on music literacy (sight singing and music theory) and vocal technique. Choir students are exposed to and study music from a wide variety of genres, styles, and cultures. CANTABILE meets every day for 45 minutes all year long. There are three summative concert assessments during the school year: December, March and May. Students are eligible to participate in WSMA Solo and Ensemble Festival, and may audition for WSMA State Honors Choir, WCDA All-State Honors Choir, and the bi-annual Badger Conference Honors Choir.

IMARA **MUS141/142**
1 Credit Elective
Prerequisite: None
✦ This course may be repeated for advanced credits.
This is a vocal ensemble of tenor, baritone, and bass voices for 9th-12th grade students at Oregon High School. Emphasis is on music literacy (sight singing and music theory) and vocal technique. Choir students are exposed to and study music from a wide variety of genres, styles, and cultures. IMARA meets every day for 45 minutes all year long. There are three summative concert assessments during the school year: December, March and May. Students are eligible to participate in WSMA Solo and Ensemble Festival, and may audition for WSMA State Honors Choir, WCDA Honors Choir, and the bi-annual Badger Conference Honors Choir.

CONCERT CHORALE **MUS151/152**
1 Credit Elective
Prerequisite: For treble clef and bass clef voices, open to juniors and seniors after completion of minimum four semesters of vocal music study, audition and consent of educator required.
✦This course may be repeated for advanced credits.
This is an advanced year-long mixed (Soprano, Alto, Tenor, Bass, or SATB) auditioned ensemble that explores and studies a wide variety of genres, styles, and cultures in choral music. Emphasis continues on music literacy (sight singing and theory), and vocal technique. CONCERT CHORALE meets every day for 45 minutes all year long. There are three public performances per year, as well as opportunities for solo and small group singing in preparation for the WSMA Solo and Ensemble Festival, and may audition for WSMA State Honors Choir, WCDA Honors Choir, and the bi-annual Badger Conference Honors Choir.

CONCERT BAND **MUS201/202**
1 Credit Elective (may be repeated)
Prerequisite: Freshman standing or educator approval
Concert Band is an instrumental performance music ensemble which features brass, woodwinds and percussion. Students study together daily to improve musicianship and technique, while exploring multiple musical cultures and styles. The curriculum is based on the Wisconsin Music Educators Association State Standards, and is designed to support a wide range of learners, from developing instrumentalists to intermediate players. Students will engage in large ensemble study, chamber music and composition, as well as additional opportunities to work with clinicians and composers. Musical growth through solo and ensemble festival participation is highly encouraged. Students demonstrate learning in three fuII band concerts per year, a concert band tour, five to eight winter athletic band performances and three home football games.

SYMPHONIC BAND **MUS231/232**
1 Credit Elective (may be repeated)
Prerequisite: Sophomore or Junior standing or instructor approval
Symphonic Band is an instrumental performance music ensemble which features brass, woodwinds and percussion. Students study together daily to improve musicianship and technique, while exploring multiple musical cultures and styles. The curriculum in Symphonic Band is based on the Wisconsin Music Educators Association State Standards, and structured specifically to support the musical learning of intermediate to advanced instrumentalists. Students will engage in large ensemble study, chamber music and composition, as well as additional opportunities to work with

clinicians and composers. Musical growth through solo and ensemble festival participation is highly encouraged. Students demonstrate learning in a minimum of three full band concerts per year, a concert band tour, five to eight athletic band performances for basketball games, and three home football games.

PERCUSSION ENSEMBLE **MUS291/292**
1 Credit Elective
Prerequisite: at least 3 years of instrumental music education OR instructor approval.
✦This course may be repeated for advanced credits.
AII percussionists at OHS should enroll in Percussion Ensemble as their primary music course. Percussion Ensemble is an instrumental performance music ensemble which features only percussion instruments. The curriculum is specifically tailored to support the learning of percussion students of aII levels, while exploring techniques pertaining to multiple cultures and styles. Students will engage in solo, chamber music and large ensemble study, as well as additional opportunities to work with clinicians and composers. Musical growth through solo and ensemble festival participation is highly encouraged. Students demonstrate learning in a minimum of three fuII band concerts per year, a concert band tour, five to eight athletic band performances for basketball games, and three home football games.

WIND ENSEMBLE **MUS221/222**
1 Credit Elective
Prerequisite: Junior/Senior standing or instructor approval
✦This course may be repeated for advanced credits.
Wind Ensemble is an instrumental performance music ensemble which features brass, woodwinds and percussion. Students study together daily to improve musicianship and technique, while exploring multiple musical cultures and styles. The curriculum in Wind Ensemble is based on the Wisconsin Music Educators Association State Standards, and is structured specifically to support the musical learning of advanced instrumentalists. Students will engage in large ensemble study, chamber music and composition, as well as additional opportunities to work with clinicians and composers. Musical growth through solo and ensemble festival participation is highly encouraged. Students demonstrate learning in a minimum of three fuII band concerts per year, a concert band tour, five to eight athletic band performances for basketball games, and three home football games

JAZZ STUDIES **MUS341/342**
1 Credit Elective (may be repeated)
Prerequisite: at least 3 years of instrumental music education, concurrently enrolled in a large group performance music ensemble at OHS or instructor approval

Jazz Studies is a small performance music ensemble which features jazz combo and big band instrumentation. Exploration of creativity, improvisation, multiple jazz styles and jazz history in a social context are the focus of this course. Performing experiences in Jazz Studies are specifically tailored to support the learning of instrumentalists with 3+ years of experience on brass, woodwind or percussion instruments. Students demonstrate learning in a minimum of three performances per year.

CONCERT ORCHESTRA **MUS301/302**
1 Credit Elective
Prerequisite: freshman standing or educator approval.
String instrumentalists meet daily to improve upon playing technique, overall musicianship and understanding of musical concepts. Musical skills are further developed through the study of level appropriate string orchestra repertoire, music theory and music composition. Additionally, students are engaged in bi-weelky small group instruction where they focus on technique, sectional passage work, and study solo and chamber music repertoire. Small group instruction occurs during the regularly scheduled orchestra classes. The course curriculum is based on the Wisconsin Music Educators Association State Standards, and embraces a variety of musical styles and various composers. Opportunities are given for students to participate in the annual pit orchestra for the OHS musical, and other community performances. This orchestra is involved in a minimum of four concerts per year.

CHAMBER ORCHESTRA **MUS321/322**
1 Credit Elective
Prerequisite: sophomore standing or educator approval
String instrumentalists meet daily to improve upon playing technique, overall musicianship and understanding of musical concepts. Musical skills are further developed through the study of level appropriate string orchestra repertoire, music theory and music composition. Additionally, students are engaged in bi-weelky small group instruction where they focus on technique, sectional passage work, and study solo and chamber music repertoire. Small group instruction occurs during the regularly scheduled orchestra classes. The course curriculum is based on the Wisconsin Music Educators Association State Standards, and embraces a variety of musical styles and various composers. Opportunities are given for students to participate in the annual pit orchestra for the OHS musical, and other community performances. This orchestra is involved in a minimum of four concerts per year.

PHILHARMONIC ORCHESTRA **MUS331/332**
1 Credit Elective
Prerequisite: junior standing or educator approval
String instrumentalists meet daily to improve upon playing technique, overall musicianship and understanding of musical concepts. Musical skills are further developed through the study of level appropriate string orchestra repertoire, music theory and music composition. Additionally, students are engaged in bi-weelky small group instruction where they focus on technique, sectional passage work, and study solo and chamber music repertoire. Small group instruction occurs during the regularly scheduled orchestra classes. The course curriculum is based on the Wisconsin Music Educators Association State Standards, and embraces a variety of musical styles and various composers. Opportunities are given for students to participate in the annual pit orchestra for the OHS musical, and other community performances. This orchestra is involved in a minimum of four concerts per year.

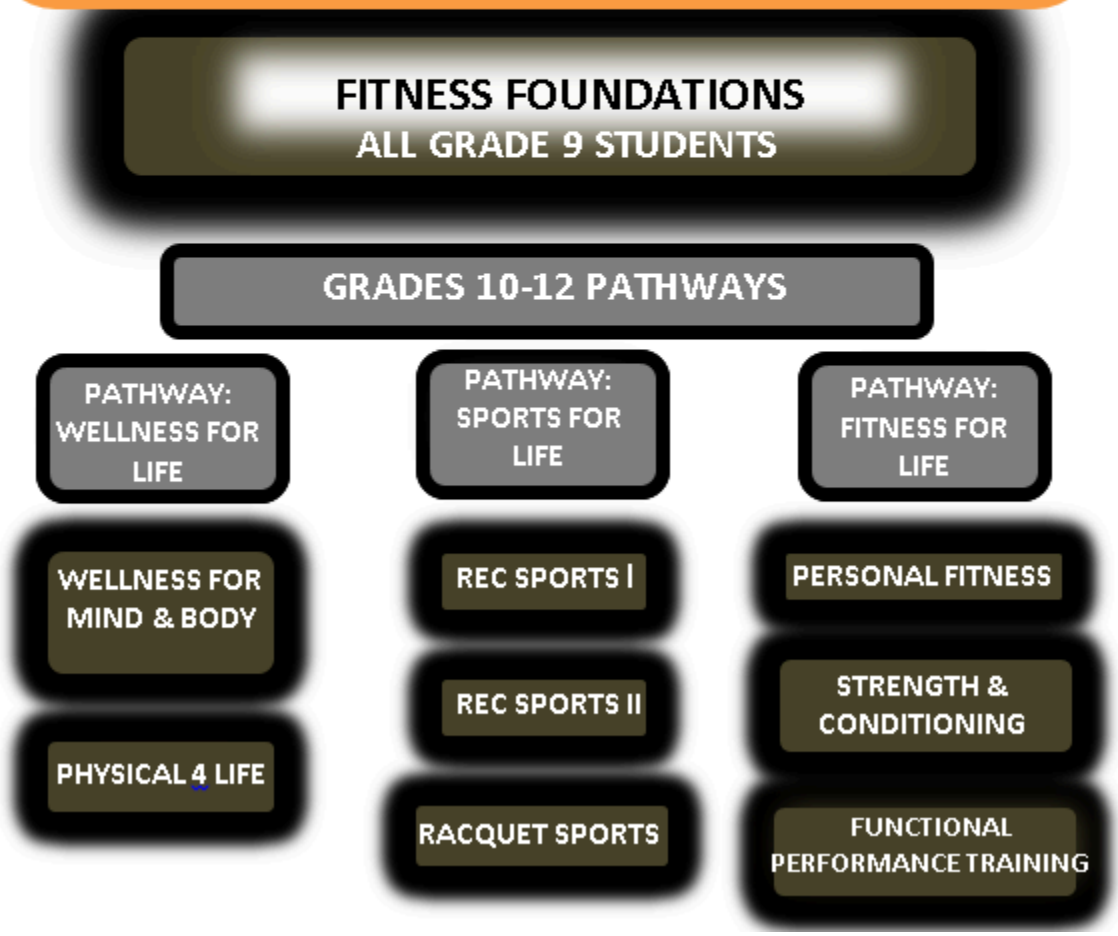
SYMPHONY ORCHESTRA **MUS351/352**
✦ 1 Credit Elective (Advanced Course)
Prerequisite: senior standing or educator approval
String instrumentalists meet daily to improve upon playing technique, overall musicianship and understanding of musical concepts. Musical skills are further developed through the study of level appropriate string orchestra repertoire, music theory and music composition. Additionally, students are engaged in bi-weelky small group instruction where they focus on technique, sectional passage work, and study solo and chamber music repertoire. Small group instruction occurs during the regularly scheduled orchestra classes. The course curriculum is based on the Wisconsin Music Educators Association State Standards, and embraces a variety of musical styles and various composers. Opportunities are given for students to participate in the annual pit orchestra for the OHS musical, and other community performances. This orchestra is involved in a minimum of four concerts per year.

MUSIC COMPOSITION **MUS531/532**
✦ 1 Credit Elective (Advanced Course, 2nd Semester)
Prerequisite: completion of at least 5 years of a performing music organization class or educator approval
This class will cover the various facets of composing music, including arranging and transcription. Composition projects will help students become more acquainted with the various musical styles, as well as the basic elements of music. Assignments will be practical in nature and flexible to fit the musical interests of each student. This class will help the more serious music student become more familiar with music theory through their own compositions. Finale25 Software is used.

AP MUSIC THEORY **MUS561/562**
✦1 Credit Elective (Advanced Course)
Prerequisite: junior or senior standing
At completion, students may take the AP Music Theory Exam to earn college credit for the coursework. Prior knowledge of music fundamentals strongly recommended (treble, bass clef, note names, key signatures). Students will engage in written instruction, daily sight-singing, melodic dictation, harmonic dictation, and will be assessed regularly for all components. This course is geared towards, but is not limited to, those students wanting to major in music in college.

GRADUATION REQUIREMENTS

- Students are required to complete a minimum of three (3) Physical Education courses over three (3) separate years for a total of 1.5 credits.
- One semester must be Fitness Foundations (students complete this freshmen year). Students must complete and pass this course before they may choose any other electives.
- Minimum two (2) electives are then selected for the remaining credits.



◄ PHYSICAL EDUCATION ►

OHS GRADUATION REQUIREMENTS:
All OHS students are required to complete a minimum of three (3) physical education courses for a total of 1½ credits. All semester classes are worth ½ credit. Credits must be earned over three separate years. Freshmen are required to complete and pass Fitness Foundations before they may choose any other electives. All classes will involve fitness assessments and/or fitness improvement days throughout the semester.

FITNESS FOUNDATIONS 9 **PHY103**
1/2 Credit Required
Prerequisite: freshman standing
Students can participate in singles, doubles, and team sports with many selections of different sports over the course of the semester. Challenge yourself to develop your skills in fitness levels, tennis, softball, lacrosse, flag football, archery, table tennis, pickleball, indoor soccer, volleyball, basketball activities, weight training, badminton, and a variety of other games. Freshmen must pass this course in order to take any electives.

STRENGTH AND CONDITIONING **PHY201**
1/2 Credit Elective
Prerequisite: sophomore, junior or senior standing
THIS COURSE MAY BE REPEATED
Challenge yourself in a safe and physically educational setting. Students will learn proper lifting technique utilizing free weights, Swiss balls, medicine balls, resistance bands and straps, jump ropes, and various agility equipment. Students will be educated in fitness terminology, explore various workout programs and routines, evaluate needs analysis and training priorities/goals, and participate in various fitness related assessments. Students will spend most of their time in the training facility.

PERSONAL FITNESS **PHY205**
1/2 Credit Elective
Prerequisite: sophomore, junior or senior standing
THIS COURSE MAY BE REPEATED
Students will participate in an all-around fitness program with an emphasis on activities of an individual and/or recreational nature. Students will also be educated in fitness terminology, explore various workout programs and routines, and participate in various fitness-related assessments. Students will gain knowledge and confidence with creating their own workouts and explore ways to be active outside of school. Students will take walks, explore parks, and bike around town during the school day as well.

FUNCTIONAL PERFORMANCE TRAINING **PHY321(S1 ONLY) PHY322 (S2 ONLY)**
1/2 Credit Elective
Prerequisite: Freshman (S2 only) who have passed Fitness Foundations, sophomore, junior or senior standing ***and*** consent of instructor
THIS COURSE MAY BE REPEATED
Take your athletic performance to the next level! With a continued emphasis on overall physical performance, students train in an environment that will breed success inside and outside the training setting. Whether through competitive warm ups, individual and small group competitions, and Olympic style lifts that stress functionality, students should expect to see improvements in overall strength, power, and endurance. Each student should expect to train at high levels with an overall focus on becoming more powerful and functional through movement education that will improve all facets of the student's life. Ideally FPT class should be scheduled against a study hall to have ample time to complete workouts comfortably. **Students who have a career interest in athletic performance are encouraged to enroll**.

RECREATIONAL SPORTS 1 **PHY207**
1/2 Credit Elective
Prerequisite: sophomore, junior or senior standing
Stay involved and improve your skills in recreational activities! Participate in singles, doubles, and team sports with many selections of different sports over the course of the semester. You will have the opportunity to choose from two activities for every unit. Challenge yourself to develop your skills in tennis, softball, lacrosse, flag football, archery, table tennis, pickleball, indoor soccer, volleyball, basketball activities, badminton, and a variety of games.

RECREATIONAL SPORTS 2 **PHY303**
1/2 Credit Elective
Prerequisite: junior or senior standing
Fine-tune your techniques and tactical strategies! Participate in singles, doubles, and team sports with many selections of different sports over the course of the semester. You will have the opportunity to choose from two activities for every unit. Challenge yourself to expand your skills in golf, tennis, softball, lacrosse, flag football, archery, bowling, table tennis, pickleball, indoor soccer, volleyball, basketball activities, badminton, and a variety of games. Non-mandatory field trips are taken to the driving range, golf course, and bowling alley.

RACQUET SPORTS **PHY433**
1/2 Credit Elective
Prerequisite: junior or senior standing

THIS COURSE MAY BE REPEATED
Stay involved and develop and improve your racquet skills at a high-intensity level in tennis, table tennis, badminton, pickle-ball, and one wall racquetball. Fine-tune your techniques and tactical strategies. Participate in singles and doubles tournaments. Challenge yourself to expand your skills in tennis, badminton, table tennis, pickleball, eclipse ball, and speedminton.

Wellness for the Mind and Body **PHY209**
½ Credit Elective
Prerequisite: sophomore, junior, or senior standing
THIS COURSE MAY BE REPEATED WITH INSTRUCTOR APPROVAL
Students will have the opportunity to train their minds and bodies. This class will focus on yoga, breathing, meditation, mindful techniques, journaling, positive thinking, and other activities geared towards building self-awareness. Students can also expect to participate in daily physical activities, learn about different aspects of keeping our bodies well, and exposure to activities like yard games, biking, aerobics, dancing, and more.

Physical 4 Life **PHY343**
1/2 Credit Elective
Prerequisite: junior or senior standing
The class will continue to grow your leadership, communications, and teambuilding skills as well as continue with many outdoor activities. Students will participate in workouts (building confidence with finding and creating for the weight room setting), mindfulness and a few recreational activities and sports throughout the semester. We will take a few field trips like canoeing, high rope challenge course, Ice skating and more.

SCIENCE DEPARTMENT

	Physical Science *At least 0.5 credit recommended*	**Earth and Space Science** *At least 0.5 credit recommended*	**Life Science** *At least 0.5 credit recommended*
Introductory Science Courses *(These classes are open to all learners)*	• Introduction to Electricity and Magnetism (0.5 cr)	• Earth & Space Science (0.5 cr) • Environmental Science (0.5 cr)	• Biology 1 (0.5 cr) & Biology 2 (0.5 cr)
Intermediate Science Courses (*Recommended for 11th and 12th Grade or 10th Graders who choose to accelerate their science learning)*	• Chemistry 1 (0.5 cr) & Chemistry 2 (0.5 cr) • Materials Science (0.5 cr) • Principles of Engineering (0.5 cr) • Physics 1 (0.5 cr) & Physics 2 (0.5 cr)	• Freshwater Ecology (0.5 cr)	• Anatomy & Physiology Fall (0.5 cr) • Anatomy & Physiology Spring (0.5 cr) • Introduction to Biotechnology (0.5 cr) • Advanced Biotechnology (0.5 cr)
Advanced Science Courses (*Honors or AP Level)*	• Honors Physics 1 (0.5 cr) & Honors Physics 2 (0.5 cr) (*Note:* Honors Physics prerequisite: Pre-Calculus concurrent or completed) • AP Chemistry (1.0 cr) & AP Chemistry Lab (0.5 cr)	• AP Environmental Science (1.0 cr)	• AP Biology (1.0 cr) & AP Biology Lab (0.5 cr)

Note: Students intending to enroll in a four- year college or university should consider taking one full year of Biology and one full year of Chemistry or Physics. Check with your college for requirements.

◄ SCIENCE ►

 Completion of a course with this designation fulfills part of the requirements needed to earn the Wisconsin Certificate of Global Competence.

✦The Advanced Course designation is used to recognize Student Honor Awards on graduation day.

The Physical Sciences

Introduction to Electricity and Magnetism SCI109

1/2 Credit Elective
Prerequisite: none
In this lab science, students will engage in group based learning with flexible pacing and opportunities both for extended reflection and enrichment. The focus on scientific thought and inquiry will serve as a solid foundation for students taking later science courses. Students will explore electricity, electromagnetic fields, and communications technology in a manner accessible to all levels of learners.

Chemistry 1 SCI301

1/2 Credit Elective
Prerequisite: Algebra I, one credit of science completed
In this lab science, students will gain experience in using mathematics and computational thinking and analyzing and interpreting data. Students will learn the fundamental skills of chemistry including writing chemical formulas, naming compounds, balancing equations, atomic structure, and working with molar units. Qualitative and quantitative aspects of chemical reactions are studied and concepts are reinforced with many laboratory experiences.

Chemistry 2 SCI302

1/2 Credit Elective
Prerequisite: Chemistry 1, Algebra I, one credit of science completed. This class should be taken 2nd semester immediately following successful completion of Chemistry 1.
In this lab science course students will continue their study of qualitative and quantitative aspects of chemical reactions. Students will learn about gas laws, chemical bonding, energy in physical and chemical changes, nuclear chemistry, acid-base chemistry, and equilibrium. Students will gain experience in using mathematics and computational thinking and analyzing and interpreting data.

AP Chemistry SCI361/362

✦1 Credit Elective (Advanced Course)
Prerequisite: Chemistry 2 (recommended B or better), strong math background, concurrent enrollment in AP Chemistry Laboratory (semester 1 only)
AP Chemistry is a college-level course that expands upon topics covered in Chemistry. It is a rigorous course geared toward highly motivated students with strong math skills that are interested in the chemical and physical sciences as well as any of the biological sciences. AP Chemistry topics include atomic theory, chemical bonding, phases of matter, solutions, types of reactions, chemical equilibrium, reaction kinetics, electrochemistry, and thermodynamics. At the end of the year, students are encouraged to take the Advanced Placement Chemistry Examination for college credit.

AP Chemistry Laboratory SCI363

✦1/2 Credit- S1 only (Advanced Course)
Prerequisite: Chemistry 2, concurrent enrollment in AP Chemistry
This class will focus on laboratory skills and advanced chemistry topics. Labs are conducted on a daily basis and span multiple days. Students maintain a lab notebook and become familiar with common lab equipment. Techniques such as titrations, qualitative analysis, gravimetric analysis, and chemical synthesis are utilized. Students gain experience with using mathematics and computational thinking, engaging in argument from evidence and analyzing and interpreting data.

Materials Science SCI763

1/2 Credit
Prerequisite: Chemistry 2
In this lab science class, students will study the properties and uses of solids. Materials Science is a multidisciplinary field that applies chemistry and physics concepts to engineering design and problem solving activities. Students will study materials from their everyday lives: polymers, crystals, metals, ceramics, and composites. Through experimentation, students will explore how mechanical properties of materials can be explained at the particle level.

Physics 1 SCI401

1/2 Credit Elective
Prerequisite: Algebra I, one credit of science completed
In this lab science students study matter and energy, specifically studying the concepts of velocity, acceleration, inertia, and force to understand how and why things move in nature. Students design laboratory investigations, analyze data using computer technology, and utilize their existing algebra skills to create physical laws using the same modeling process utilized by scientists.

PHYSICS 2 **SCI402**
1/2 Credit Elective
Prerequisite: Physics 1, Algebra I, one credit of science completed.
This lab class should be taken 2nd Semester immediately following successful completion of Physics 1 or Honors Physics 1. Students study advanced topics in mechanics as well as delve into conservation laws that are fundamental to our understanding of science. The course culminates in a field trip to Great America where students apply physics principles to the extreme rides.

HONORS PHYSICS 1 **SCI461**
✦1/2 Credit Elective (Advanced Course)
Prerequisite: Pre-Calculus (concurrent or completed), one credit of science completed
In this lab science, students study matter and energy, specifically studying the concepts of velocity, acceleration, inertia, and force to understand how and why things move in nature. Students design laboratory investigations, analyze data using computer technology, and utilize their existing algebra skills to create physical laws using the same modeling process utilized by scientists. Although the topics of study are the same as for Physics 1, they are studied at a greater depth and with greater mathematical vigor.

HONORS PHYSICS 2 **SCI462**
✦1/2 Credit Elective (Advanced Course)
Prerequisite: Honors Physics 1, Pre-Calculus (concurrent or completed), one credit of science completed. This lab class should be taken 2nd Semester immediately following successful completion of Honors Physics 1.
Students study advanced topics in mechanics as well as delve into conservation laws that are fundamental to our understanding of science. The course culminates in a field trip to Great America where students apply physics principles to the extreme rides.

PRINCIPLES OF ENGINEERING (ES) **SCI863**
✦1/2 Credit Elective (Advanced Course)
Prerequisite: junior or senior standing,
Engineering is a process that can be used to find solutions to a wide variety of human problems, so society benefits from having a diverse range of people entering the profession or simply understanding how the profession generates solutions. In this course, student engineering teams will create solutions that serve to address or improve upon a societal need. In the past, teams have a) created low-cost athletic equipment to make them accessible to people from all socioeconomic backgrounds, b) built automated vehicle prototypes designed to locate and safely remove bombs planted in public locations, c) created design concepts to address the needs of individuals who live with physical disabilities or who have suffered losses through natural disasters, and d) created prototype Rube-Goldberg devices that promote a movie title or literary genre in a fun and creative way. Students enrolled in this course will enhance existing STEAM skills and knowledge, as well as learn new skills as needed.

THE EARTH & SPACE SCIENCES

EARTH AND SPACE SCIENCE **SCI233**
1/2 Credit Elective
Prerequisite: none
In this lab science course students will work collaboratively to investigate the history of the universe, stars, solar system, and planets (with the focus on Earth). Topics students will explore include the history of the universe, the life cycle of stars, the history of the solar system, and the dynamic processes that shape Earth. Learning will focus around building ideas from scientific evidence and integrating models to support explanations.

ENVIRONMENTAL SCIENCE **SCI113**
1/2 Credit Elective
Prerequisite: none
In this lab science course students will learn how humans interact with their environment, studying the science behind sustainability, biodiversity, energy transfer, climate change and waste management. Students learn in a collaborative, project based environment with opportunity to deeply investigate and reflect on environmental topics.

AP ENVIRONMENTAL SCIENCE **SCI471/472**
□✦1 Credit Elective (Global Ed. Cert.) (Advanced Course)
Prerequisite: 2 credits of science completed
In this lab science course students will be engaged with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. We will identify and analyze environmental problems (both natural and human-made), learn to evaluate the relative risks associated with these problems, and examine solutions for resolving or preventing them. As Environmental Science is interdisciplinary, it embraces a wide variety of topics from different areas of study.

FRESHWATER ECOLOGY **SCI523**
1/2 Credit Elective
Prerequisite: 1 credit of science completed
In this lab science students will conduct field research with methodologies used by ecologists to study the interactions of the physical, biological and chemical processes of complex inland aquatic ecosystems. In addition to learning about watersheds and current best management practices used to sustain them, students will become familiar with the most common human impacts on aquatic ecosystems to better understand the world around them. Through projects, class activities, speculations and field research within the course students will enhance their critical and problem solving skills, ability to assemble data and facts, work collaboratively with their peers, develop an aptitude for analyzing information, and propose solutions needed to sustain this resource

for future generations. This course requires students to be outdoors conducting field work.

The Life Sciences

Biology 1 **SCI201**
1/2 Credit Elective
Prerequisite: none
In this lab science course, students will learn through lecture, laboratory, and discussion about the science of life around us. Topics to be covered in this first semester of Biology include: the cell and cell physiology; cell division; Mendelian genetics; DNA, RNA, and proteins; and the theory of natural selection.

Biology 2 **SCI202**
1/2 Credit Elective
Prerequisite: Biology 1
This lab science course should be taken in the 2nd semester immediately following the successful completion of Biology 1. Students will learn through lecture, laboratory, and discussion how various system of the body are organized and how those systems function on an organ level and are regulated at a molecular level. Systems include circulatory, digestive, respiratory, excretory, and reproductive. Students will also compare and contrast corresponding systems in plants.

Anatomy & Physiology Fall course **SCI563**
1/2 Credit Elective
Prerequisite: Biology 2, one credit of science completed
This lab science course will cover both the structure and the function of the human body. Students will use models to explain the physiological processes governing our body systems. Laboratory experiences are designed to afford practice with analyzing data and presenting evidence based on data sets. Students will frequently engage in evaluation and communication of information. One major dissection is done at the end of the semester to familiarize students with the internal structure of mammals. Each student will be required to complete a portfolio in addition to one other long-term project. Memorization of anatomical terms is necessary as well as good problem solving and synthesis skills. A strong science background is recommended, as approximately three hours of work per week will be done outside class time. The Fall course covers different systems than the Spring course.

Anatomy & Physiology Spring course **SCI573**
½ credit Elective
Prerequisite: Biology 2, one credit of science completed
This lab science course will cover both the structure and the function of the human body. Students will use models to explain the physiological processes governing our body systems. Laboratory experiences are designed to afford practice with analyzing data and presenting evidence based on data sets. Students will frequently engage in evaluation and communication of information. One major dissection is done at the end of the semester to familiarize students with the internal structure of mammals. Each student will be required to complete a portfolio in addition to one other long-term project. Memorization of anatomical terms is necessary as well as good problem solving and synthesis skills. A strong science background is recommended, as approximately three hours of work per week will be done outside class time. The Spring course covers different systems than the Fall course.

Introduction to Biotechnology **SCI501**
1/2 Credit Elective
Prerequisite: Grade of B or higher in Biology 1; one credit of science completed
This lab science course is designed to explain how cells, DNA, RNA, and proteins can be used as "living tools". Students will also receive valuable hands-on lab experience. For example, students will learn how DNA can be transferred between organisms and then genetically-engineer bacteria with jellyfish genes. Students will also learn how to detect very small quantities of DNA using a process called "PCR" and then use that technique to learn part of their own DNA sequence. Additional lab experiments include gel electrophoresis, restriction enzyme DNA digests, and DNA purification. In addition, students will have the opportunity to discuss the ethical, legal, and social issues that surround Biotechnology such as stem cells, cloning, genetic testing, and genetically-modified foods. This class is intended for juniors and seniors as well as academically-motivated sophomores.

Advanced Biotechnology **SCI502**
1/2 Credit Elective
Prerequisite: Biotechnology 1 and Chemistry 1 (concurrent or completed) or Biotechnology Youth Apprenticeship (concurrent)
In this lab science class, students will be using their knowledge and skills from Biotechnology I. We will continue to investigate DNA, RNA, and proteins and how these are used as tools to understand how our bodies and nature work. Sample topics include protein purification, DNA sequencing, using computers to analyze DNA (bioinformatics), epigenetics, microarrays, gene regulation, DNA identification by STR, measuring DNA and protein by UV Spectrophotometer, cloning plants by tissue culture, rate of enzyme function, and restriction mapping. Students will also develop science research skills in a semester-long project. Sample projects include ethanol production from cellulose, designing PCR-based genetic tests, and analyzing soil samples to determine bacterial populations. Field trips to stem cell research facilities and cloning labs may be included. It is not necessary to take Biotech 2 immediately following Biotech 1.

AP BIOLOGY **SCI261/262**

✦1 Credit Elective (Advanced Course)

Prerequisite: Chemistry 2, Biology 2, concurrent enrollment in AP Biology Lab SCI273 (semester 1 only)

Students intending to take Advanced Placement Biology need to be prepared for the faster pace, greater level of detail, and increased complexity of concepts associated with a college level course. Consequently, it is recommended that students taking this course factor in additional preparation and study time beyond their regular class load. The following topics will be studied in depth: biochemistry, cellular structure and function, cellular energetics, DNA structure and function, biotechnology, Mendelian genetics, evolution, plant and animal systems, classification, and ecology. This course is designed to prepare students for college level biology and earn college credits by taking the national exam in the spring. Course format will involve lecture, student-centered problem solving discussions, and laboratory work involving experimental design, data collection, and mathematical analysis.

AP BIOLOGY LABORATORY **SCI273**

✦1/2 Credit-S1 only (Advanced Course)

Prerequisite: concurrent enrollment in AP Biology

Laboratory exercises will investigate concepts presented in AP Biology.

✪The following can be taken for Equivalent Science Credit (ES). See the Agriculture section for course descriptions.

✪NATURAL RESOURCES (ES) **AGR151/152**

1 Credit Elective

✪BOTANY (ES) **AGR253**

1/2 Credit Elective

✪HORSE & ANIMAL SCIENCE (ES) **AGR213**

1/2 Credit Elective

YOUTH APPRENTICESHIP OPPORTUNITIES ARE AVAILABLE IN THIS AREA, PLEASE GO TO SCHOOL TO CAREER/APPRENTICESHIP SECTION FOR MORE INFORMATION.

SOCIAL STUDIES DEPARTMENT

9th Grade Required:

The U.S. in the 20th Century

↓

10th Grade Required:

World Civilization or AP World History

↓

Any Elective

◄ SOCIAL STUDIES ►

□ Completion of a course with this designation fulfills part of the requirements needed to earn the Wisconsin Certificate of Global Competence.

✦The Advanced Course designation is used to recognize Student Honor Awards on graduation day.

THE U.S. IN THE 20TH CENTURY **SOC101/102**
1 Credit Required
Prerequisite: freshman standing
The U.S. in the 20th Century is the freshman level course and takes a thematic approach to learning U.S. history. The first semester includes units on the Constitution, America in Foreign Conflict, and Reform in the early 20th century. Exploration includes the rights and responsibilities of citizens, discussions of the role of the United States in the world, and the role of individuals and the government in promoting societal welfare. Second semester involves the thematic study of America in Foreign Conflict part 2, Race in America, and Hidden Voices in U.S. history. Second semester exploration takes specific looks at how historically marginalized groups have strived for equality, liberty, and inclusion in the American story. Overall, the course focuses on historical thinking skills and uses the content of the course as a vehicle for achieving proficiency in these skills.

WORLD CIVILIZATION **SOC201/202**
□ 1 Credit Selective (Global Ed. Cert.)
Prerequisite: sophomore standing
The history of World Civilization concentrates on the ideals, concepts, events and people that led to the development of the world today. The general areas of concentration are from prehistoric time through the Renaissance and Reformation to the Russian Revolution. Additional topics will cover the history of select eastern civilizations as well as the Muslim world. Methods of instruction vary according to the material presented.

AP WORLD HISTORY **SOC371/372**
□✦1 Credit Selective (Global Ed. Cert)
Recommended: Grade B or better in US in the 20th Century, sophomore, junior, or senior standing (Advanced Course). AP World History is designed to be the equivalent of a two semester introductory college or university world history course. In AP World History students investigate events, individuals, developments, and processes in nine historical periods from 1200 CE to the present. Students develop and maintain the same skills, practices and methods employed by historians: contextualization, causation, and the study of continuity and change over time; in essence developing historical arguments. The course provides five themes that students explore throughout the course in order to make connections among historical development in different times and places: interaction between humans and the environment, development and interaction of cultures; state-building, expansion, and conflict; creation, expansion and interaction of economic systems; development and transformation of social structures. This course also can fulfill the sophomore World Civilizations requirement.

MODERN AMERICAN HISTORY - POST WWII-1990 **SOC323**
1/2 Credit Elective
Prerequisite: junior or senior standing
This course will focus on modern American history covering the 1950's through the end of the Cold War. Units of study will include: The Cold War, The 1950s, The Vietnam War, The Civil

Rights Movement, The changing 1970s, and The Resurgence of Conservatism. Students will be graded through exams and quarterly projects.

Modern American History - 1990 To Present SOC343
1/2 Credit Elective
Prerequisite: junior or senior standing
This course will focus on modern American history covering the 1990's to the present. Units of study will include: The Gulf War, Globalization, Terrorism and the Global Fight against Terrorism, The Great Recession, and much more. Students will be graded through exams and quarterly projects.

Modern American Events in A Global Society - Vietnam to 1980s SOC303
1/2 Credit Elective
Recommended: junior or senior standing
This course analyzes the social, economic, political and diplomatic history of the United States in the context of the global society. Units of study include the Vietnam War, the Nixon and Ford Presidencies, Carter's Presidency, and Reagan's Presidency with the end of the Cold War. The emphasis is placed on societal and cultural changes which are dependent on politics, economics, and leadership in a global setting. This course includes an emphasis on college-bound skill development.

Modern American Events in A Global Society - 1980s-2015 SOC313
1/2 Credit Elective
Recommended: junior or senior standing
This course analyzes the social, economic, political and diplomatic history of the United States in the context of the global society. Units of study include the Bush Sr's Presidency, the Persian Gulf War, Clinton's Presidency, Bush and Obama's Presidencies, and a Terrorism Unit. The emphasis is placed on societal and cultural changes which are dependent on politics, economics, and leadership in a global setting. This course includes an emphasis on college-bound skill development.

AP United States History SOC361/362
✦1 Credit Elective
Recommended: Grade B or better in 9th grade US History and 10th grade World Civilization, junior or senior standing (Advanced Course)
AP United States History is designed to achieve two purposes:
(1) examine, in depth, American History from colonization to present;
(2) prepare students to write the Advanced Placement Exam in United States History.
There is heavy emphasis in this course on reading, notetaking and essay writing. Students should also be prepared to devote time outside of the classroom for preparation for this course. If a student wishes to pass the AP exam, they must learn material outside the regularly scheduled class time and attend scheduled discussion and exam sessions. Finally, required summer work must be turned in by the second day of class at a 70% proficiency.

Political Science SOC403
1/2 Credit Elective
Prerequisite: junior or senior standing
The first phase of this course will stress the philosophical and historical foundations of the American Political System including the creation of the United States Constitution. The second phase deals with the functionality of the American Political System in our modern society, beginning with the rights of voters, involvement as a citizen, the influence of political parties on government, and the basic functioning of government in the society of today. Threaded throughout the course will be discussions of the issues of the politics of today; including but not limited to lobbies, campaign spending, and politics in general.

Current Political and Social Issues Forum SOC413
□ 1/2 Credit Elective (Global Ed. Cert.)
Prerequisite: junior or senior standing
Forum is a social studies elective for juniors and seniors which deals mainly with contemporary political and social issues which may be controversial. It will feature large group, small group, project, and independent study techniques. This is an academic course and will include written work in the form of position papers and intellectual discussions/debates. Forum can be taken once as a junior and once as a senior.

Geography SOC423
□ 1/2 Credit Elective (Global Ed. Cert.)
Prerequisite: junior or senior standing
This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Through an exploration of geospatial, social, physical, and other areas of geography, students will develop an understanding of what influences went into creating the geography of the place they inhabit as well as how they fit into this place.

Law and American Society SOC453
1/2 Credit Elective
Prerequisite: junior or senior standing
Law and American Society includes a survey of the law: torts, constitutional law, criminal law, school-related rights and responsibilities, and the rules of evidence. The objective of the course is to equip students with knowledge and skills pertaining to the law and the legal system as it evolves in contemporary American society.

AP ECONOMICS **SOC481/482**

□✦1 Credit Elective (Global Ed. Cert.) (Advanced Course)

Prerequisite: junior or senior standing

This course provides students with a basic understanding of microeconomics in the fall and macroeconomics in the spring. Topics included in this course are supply and demand, inflation, unemployment, gross domestic product, fiscal policy, monetary policy, the federal budget deficit, the Federal Reserve System, banking, and international trade. Emphasis is placed on critical thinking skills through the understanding, application, and analysis of fundamental economic principles/concepts and through examination
of the current state of the U.S economy. In May, students will have the option of taking the AP Economics test. Those students who score well can earn six college credits
in Economics.

EDUCATIONAL TRAVEL FROM CLASS TO COUNTRY **SOC492 (SPRING)**

□ 1/2 Credit Elective (Global Ed. Cert.)

Prerequisite: junior or senior standing

The course is an experiential travel course that will take students from the classroom to an actual country or region of study. This is a semester course offered each spring, each with a unique destination. Students will study the designated country and culture in depth in preparation for the actual trip. The course will travel during spring break. Travel will last approximately two weeks. Students will conduct research prior to travel and complete reflective writing and a semester project upon return. Costs for travel will be assumed by parents/guardians. Students taking this course must attend information sessions with parents/guardians in advance of scheduling this course, as travel reservations and payment schedules will begin prior to the actual course.

SOCIOLOGY **SOC443**

□1/2 Credit Elective

Prerequisite: junior or senior standing

This course provides students with an introduction to basic concepts in Sociology—the scientific study of society and human behavior. Various topics are addressed, including the sociological perspective, the socialization process, social groups, social control, social institutions, and social inequality. Students will engage in a variety of activities (journal reflections, observations, an interview, and will complete and present a sociological research project for their final exam. Students are expected to complete assigned readings from James M. Henslin's "*Sociology: A Down- to-Earth Approach*", a college level Sociology 101 textbook, as well as additional selected readings. **Global Ed. Certificate qualifies for students whose semester project has a global focus. Teacher approval of topic required**

PSYCHOLOGY **SOC473**

1/2 Credit Elective

Prerequisite: junior or senior standing

Psychology offers students insights into the science of human behaviors and mental processes. It helps explain, at an introductory level, how and why we do what we do. Topics of study include social psychology, sensation and perception, emotion and motivation, human development, states of consciousness, personality, and psychological disorders. There will be various activities to encourage self-reflection and apply concepts. Tests, papers, and projects will comprise the majority of the summative assessments.

AP PSYCHOLOGY **SOC501/502**

✦1 Credit Elective (Advanced Course)

Prerequisite: junior or senior standing

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, which include States of Consciousness, Clinical Psychology, Personality, Lifespan Development, Sensation and Perception, Learning and Intelligence, Research Methods, and others. They also
learn about the ethics and methods psychologists use in their science and practice. Students who enroll in this course should be willing to accept the challenge of a rigorous academic curriculum. Analytical reading and writing will be emphasized.

HISTORY OF RACE AND ETHNICITY IN THE UNITED STATES **SOC333**

½ Credit Elective

Prerequisite: sophomore, junior, or senior standing

History of Race and Ethnicity in the United States focuses on the History of the United States from a racial and ethnic perspective. It begins with a deep focus on understanding social terminology on race, ethnicity, discrimination, culture, and bias, among others. Then students will learn about various group histories in the country from a sociological and historical perspective. Learn about Native Americans, Hispanics/Latinx, African Americans, Asians, and Whites, while understanding celebrations and challenges of each as we dive into the diversity of our country. Analysis and perspective through class discussions and activities will leave you with a broader understanding of "who" America is.

SERVANT LEADERSHIP/CHARACTER-STRONG **SOC483**

½ Credit Elective

Prerequisite: Sophomore, Junior or Senior

Do you want to better yourself, school, and community? The class is primarily experientially based and emphasizes the importance of communication, character, personal growth, and building strong relationships and teams. Also covered will be listening skills, synergy, perceptions, conflict styles, personality, and group formation. A variety of initiatives will be used to facilitate the learning of skills and, along with various media, reinforce these skills throughout the semester. The goal of this course is to create and prepare active leaders in our communities.

◄ TECHNOLOGY/ENGINEERING►

◈DUAL CREDIT
Students taking courses with this designation may be eligible for dual credit at Madison College. See your instructor for details.

✪EQUIVALENT SCIENCE CREDIT
Courses with this designation (ES) have
been approved for equivalent credit by the Wisconsin Department of Public Instruction (DPI). These courses also will be documented on the student's transcript with an "ES". In addition to meeting high school graduation requirements, this designation will verify to postsecondary institutions that the course has been approved for equivalent credit by the DPI. Most University of WI System campuses have agreed to accept the certified courses toward admission requirements in science. Please check with your post-secondary interests regarding their requirements.

■EQUIVALENT MATH CREDIT
Courses with this designation (EM) have been approved for equivalent credit by the Wisconsin Department of Public Instruction (DPI). These courses also will be documented on the student's transcript with an "EM". In addition to meeting high school graduation requirements, this designation will verify to postsecondary institutions that the course has been approved for equivalent credit by the DPI. Most University of WI System campuses have agreed to accept the certified math courses toward admission requirements in math. Please check with your post-secondary interests regarding their requirements.

✦The Advanced Course designation is used to recognize Student Honor Awards on graduation day.

FOUNDATIONS OF TECHNOLOGY ENGINEERING **INT101/102**
1 Credit Elective
Prerequisite: none
Discover how to fabricate solutions to challenging design problems using 21st century equipment including: 3D printers, a vinyl cutter, CNC machines, woodworking machines, laser engraver, metalworking machines, programmable robotics and industry standard CAD software. Foundations of Technology and Engineering is a project based learning course where hands-on activities will foster students' creative thinking and problem solving skills.

PRINCIPLES OF ENGINEERING (ES) **SCI863**
✪✦1/2 Credit Elective (ES Credit), (Advanced Course)
See Science section for a course description.

(STEAM) ART TECH WORKSHOP **INT315**
1/2 Credit Elective
See Art section for a course description.

CONSTRUCTION TRADES EXPLORATION **INT221/222**
1 Credit Elective
Prerequisite: sophomore, junior, or senior standing
This course will explore the various areas of the building trades, industry, and related home maintenance activities. In this hands-on lab class students will gain an understanding for each of the building trades. This class will help you decide which trade you may want to pursue as a career or will give you the knowledge needed to be a homeowner. This course is recommended for students interested in owning a house or working in the construction trades. Students will have the option to take the industry standard test - National Center for Construction and Education Research - Core Curriculum, Introductory Craft Skills.

WOOD MANUFACTURING **INT201/202**
(Formerly Home Maintenance/Woodworking)
1 Credit Elective
Prerequisite: sophomore, junior, or senior standing
This is a consumer oriented class designed for basic understanding of woodworking and home maintenance skills needed and used in everyday living. Hands-on activities are used to provide an understanding of basic woodworking skills and the proper use of hand and power tools. Students must possess state-approved eye protection for use during lab work and pay a nominal fee for materials used to build "take home" projects. This course is recommended for all students who would like basic woodworking skills and an understanding of tools and equipment used in woodworking.

ADVANCED WOOD MANUFACTURING **INT241/242**
◈1 Credit Elective (Dual Credit)
Prerequisite: completion of Home Woodworking with B or better and instructor approval
Students enrolled in this course will be working through Madison College curriculum from their Woods 1A course. The projects and activities will enhance skills previously developed and allow students to gain a deeper understanding of woodworking machinery, operations, techniques and overall skills necessary for a career in the cabinet making industry. Students will complete a variety of smaller tasks, along with some long term projects throughout the school year. This course is recommended for students who have completed Wood Manufacturing and have a potential career interest in the woodworking, cabinetmaking or carpentry fields.

HOME CONSTRUCTION **INT231/232**
✦3 Credits Elective (Advanced Course)
Prerequisites: 1) 2.00 GPA or better; 2) Completed Home Woodworking or Construction Exploration with a grade of C or better; 3) Instructor approval and application/ interview process
This class will be a natural progression from Home Woodworking and Construction Exploration to the modern construction work site. Students will construct a house from the foundation through its completion. This block class will allow students to get a realistic experience in the field of construction. Licensed subcontractors will be on site to provide expert training in many trades (electrical, carpentry, plumbing, HVAC). Students must provide their own transportation to and from the job site, along with furnishing their own basic set of required tools. Juniors that have successfully completed this class may apply for a site foreman position for their senior year.

ENGINEERING DRAWING, AND DESIGN **INT331/332**
1 Credit Elective
Prerequisite: sophomore, junior, or senior standing
Students will advance their knowledge of two-dimensional and three-dimensional computer-aided mechanical design. Engineering topics covered will include; measurement, tolerancing, orthographic drawings, geometric construction, creation of working drawings, section and auxiliary views. Guided by the design process students will use problem solving skills and apply critical thinking to fabricate a variety of projects using 3D printers, laser engravers and CNC machines.

ARCHITECTURAL DRAFTING **INT321/322**
1 Credit Elective
Prerequisite: sophomore, junior, or senior standing
Architectural Drafting is for students interested in drafting, design, construction and architecture. Through a blended application of both hands-on projects as well as CAD software, students will explore the world of Architectural design. Students will generate numerous floor plans using Revit software with the freedom to design and develop their own architectural style. Students will also participate in numerous hands-on modeling projects to allow the various elements of design to come alive in the class. Curriculum will provide real-world problem solving skills and try to simulate situations and experiences one might encounter as a working architect.

ELECTRONICS (EM) **INT351/352**
■1 Credit Elective (Equivalent Math Credit)
Prerequisite: sophomore, junior, or senior standing
The Electronics (EM) course is a hands-on, applied mathematics course where students will learn how to design and fabricate a printed circuit board. Students will strengthen their math skills through applications in the electronics field by demonstration of Ohm's Law, Kirchhoff's Law residential wiring, electrical components, breadboarding, circuit design, digital logic, as well as C/C++ programming through the use of microcontrollers.
Note: Check with your intended college to verify this course meets Mathematics requirements.

VIDEO GAME DEVELOPMENT **INT381/382**
1 Credit Elective
Prerequisite: sophomore, junior, or senior standing
Learn how to develop your own video games using the Unity Game Development engine! Whether you are new to programming or are looking to apply your knowledge of C#, you can develop games to play on mobile devices, on your own computer, or our very own panther retro arcade station! Relive some of the most iconic arcade video games while applying your own modern twist through programming scripts, production of sounds, music, and generating personalized animations.

PC SYSTEMS SERVICING (CISCO NETWORKING ACADEMY-IT ESSENTIALS CERTIFICATION) **INT361/362**
◈ 1 Credit Elective (Dual Credit)
Prerequisite: Electronics (EM) or approval of instructor and junior or senior standing
Learn to plan and build a gaming PC through this course that follows the CISCO IT Essentials hands on training program. Each student will receive a variety of training including personal computer repair, laptop repair, mobile device repair, networking, operating system installation, and Linux. Students who successfully complete the class will receive a CISCO IT Essentials Certification of completion and college credit with Madison College (MATC). This course is recommended for all students interested in the maintenance of a personal computer or in the career area of computer technician.

SMALL ENGINES **INT413**
1/2 Credit Elective
Prerequisite: none
This course will cover all areas of the small 2 and 4 stroke engine. Emphasis will be on the tear down and assembly of each type (style) of engine. The Small Engines class is a great introduction to the field of Automotive Mechanics. This course is recommended for all students interested in hands-on learning activities.

METAL TECHNOLOGY **INT501/502**
1 Credit Elective (Dual Credit)
Prerequisite: sophomore, junior, or senior standing
This course is an exploration in everything metal / manufacturing. Students will experience 5 different Welding / Thermal Cutting processes, as well as other metal manipulation processes such as grinding, bending, casting / foundry, forging, and machining. This will be done through multiple "Take Home" projects created in the Lab space (small material fee). This class is recommended for students who are interested in engineering, welding,

machining, steamfitting, plumbing, HVAC, and automotive / diesel repair / maintenance. This class focuses heavily on the Lab experience and the basic operation of all of the equipment in the space. Students should leave with the confidence to set-up and operate many different metalworking processes / tools, and with skills to make them employable in entry level metalworking careers.

MACHINE TOOL 1 **INT521/522**
◈1 Credit Elective (Dual Credit)
Prerequisite: Metal Technology or instructor approval
Dual Credit at Madison College is offered if requirements are met. This course will cover methods and procedures used in the machine tool area. Reading blueprints, layout techniques, machining methods and CAD/CAM procedures will be covered in depth by the use of required and independent projects. About 75% of your time will be spent in the lab on activities and projects related to the various areas covered. Students must possess state-approved eye protection for use during lab work and pay a nominal fee for materials used to build "take home" projects. This course is recommended for all students interested in advanced metal processes, engineering, and automotive maintenance.

WELDING 1 **INT531/532**
◈1 Credit Elective (Dual Credit)
Prerequisite: Metal Technology or instructor approval
Dual Credit at Madison College is offered if requirements are met. This course will cover methods and procedures used in the welding area. Reading blueprints, layout techniques, welding and separating methods, and metallurgy will be covered in depth by the use of required and independent projects. About 75% of your time will be spent in the lab on activities and projects related to the various areas covered. Students must possess state-approved eye protection for use during lab work and pay a nominal fee for materials used to build "take home" projects. This course is recommended for all students interested in advanced welding processes, engineering, and automotive maintenance.

OHS AUTO TECHNOLOGY

These courses use the automobile to illustrate mechanical principles. Through lab activities, students will have opportunities to investigate the construction and operation of automotive systems. Troubleshooting will be used to diagnose the root causes of failures. Class members will then perform service procedures to correct the problems identified. Finally, students will learn to make informed economic decisions about the purchase, repair and maintenance of mechanical devices. In addition to the structured curriculum, the course will provide time to perform work on student vehicles. Participants may earn associate degree credit by meeting Madison College's requirements.[1] These courses provide appropriate experiences for students interested in mechanical service, engineering, or related occupations.

CONSUMER AUTO **INT403**
1/2 Credit Elective
Prerequisite: junior or senior standing
An easy-to-understand, up-to-date approach of the operation and repairs necessary to keep an automobile in good mechanical condition will be covered. Each student will perform general maintenance on his/her own vehicle or a lab vehicle to help understand the basic mechanical principles of an automobile. This course is recommended for students who plan to own and operate a motor vehicle.

AUTO TECHNOLOGY 1 **INT431/432**
1 Credit Elective (Dual Credit)
Prerequisite: sophomore, junior, or senior standing
Automotive Technology I is designed to provide students with a basic knowledge of Automotive Technology in the areas of ASE (Automotive Service Excellence) MLR / G1 (Maintenance & Light Repair) proficiency including Careers, Safety, Welding, Thread Repair, Precision Measurement, Engine Construction, Fluid Maintenance, Tires / Steering / Suspension, Brakes, Electrical Systems, Transmissions, HVAC, Fuel, and Engine Performance / Diagnostics, and Lights / SRS systems. This will be accomplished through "hands on" labs in each unit, and utilizing an industry recognized training certification program that's transferable beyond high school. This class is recommended for anyone interested in the automotive / diesel industry and is a great pre-engineering / pre-vehicle ownership course as it covers a bit of every automotive system / discipline. This is also a great opportunity for students to do "Live Work" on their own / customer vehicles, and is designed to make students employable in an entry level automotive career / "Youth Apprenticeship Program."

AUTO TECHNOLOGY II **INT441/442**
1 Credit Elective (Dual Credit)
Prerequisite: Auto Tech 1 and Junior or Senior standing
Automotive Technology II is designed to provide students with more in depth knowledge / experiences in Automotive Technology in the ASE (Automotive Service Excellence) A-1 (Engine Repair), A-4 (Steering / Suspension) A-5 (Brakes), A-6 (Electrical), A-8 (Engine Performance) areas. This will be accomplished through heavier / more in depth "hands on" labs in each unit, and utilizing an industry recognized training certification program that's transferable beyond high school. Students will also have the opportunity to take industry recognized ASE Entry Level Exams in each unit. This class is designed to give students a deeper experience base with heavier / more in depth projects and "Live Work." This includes more opportunities for students to work on their own / customer vehicles / class project vehicles. This class also focuses one applying for scholarships and employs aspects of a formal Professional Development Program.

AUTO TECHNOLOGY III **INT451/452**

◈✦1 Credit Elective (Dual Credit)

Prerequisite: Auto Technology II and Junior or Senior status

Automotive Technology III is designed to provide students with more in depth knowledge / experiences in Automotive Technology in the ASE (Automotive Service Excellence) A-1 (Engine Repair), A-2 (Automatic Transmissions), A-3 (Manual Transmissions), A-8 (Engine Performance) areas. This will be accomplished through heavier / more in depth "hands on" project based learning experiences, and utilizing an industry recognized training certification program that's transferable beyond high school. Students will also have the opportunity to take industry recognized ASE Entry Level Exams in each unit. This class is designed to give students a capstone experience / project. This could include but not limited to building / restoring / heavily modifying "Project Vehicles." Example: Formula Race Car Build / Testing, and / or other approved projects. This would include more opportunities for students to work on their own / customer vehicles / class project vehicles. This class focuses on the intricacies of properly executing, and trouble-shooting large scale complex projects.

YOUTH APPRENTICESHIP OPPORTUNITIES ARE AVAILABLE IN THIS AREA, PLEASE GO TO SCHOOL TO CAREER/APPRENTICESHIP SECTION FOR MORE INFORMATION.

◄ WORLD LANGUAGE►

What is World Language Learning?

More than 350 languages are spoken in homes, schools, workplaces, and community spaces across the United States (American Academy of Arts and Sciences, 2017). These languages are not foreign. They represent indigenous, colonial, immigrant, migrant, and home languages of our nation and of the world. Wisconsin schools offer language programs in modern and classical languages. World languages may be spoken, written, and signed. Languages embody identities and cultures, and diverse ways of knowing and interpreting our world. Learning a new language, or reawakening and preserving indigenous languages, allows students to access more information, ideas, perspectives, and opportunities. World language learners use language for intercultural communication within our linguistically and culturally diverse communities. Through the process of learning a new language, students come to better understand their home language, cultural identity, and role in the world. World language education is critical for successful engagement within our local and global communities and economies, as well as for the preservation of our diverse linguistic and cultural heritage. (Wisconsin Standards for World Languages, 2019)

Offerings

The World Language Department offers standards-based learning environments in German and Spanish for students to develop language proficiency through an extended period of study. This allows students to attain high levels of proficiency by graduation and provides the basis for acquiring additional languages throughout their lifetime. Proficiency in more than one language is a major advantage in our global economy.

German Exchange

The German American Partnership Program (GAPP) Exchange, established at OHS in 1990, allows students completing German 2 the opportunity to live in and experience Germany for approximately 3 ½ weeks. OHS students will stay with host families in the summer and travel to various regions of Germany in even years. German students from our partner school in Langen will visit during the spring semester prior to the trip.

Spanish Trip

The Spanish Department offers trips during Spring Break to Spanish-speaking countries every 2 years. Past trips have included Costa Rica, Guatemala, and Spain. You must be in a minimum of a level 2 Spanish class as there is a home-stay portion of the trip.

Clubs

Students may join the German Club and Spanish Club to further augment their intercultural proficiency/global literacy.

Global Scholars program

The World Language Department supports the **Global Scholars Program** (GSP). The Certificate of Global Competence requires four years of a world language. See details in this ACP Guide (page 8) to begin your journey!

German 1 — FOR101/102

1 Credit Elective

This course is an introduction to the German language and culture of German speaking countries. Basic interpretive, interpersonal, presentational, and intercultural communication skills, as well as skills for global competence and community engagement are established at this level.

German 2 — FOR121/122

1 Credit Elective

This course is designed for students who have taken 7th and 8th grade German at the middle school or German 1 at the high school. Students increase their proficiency and expand their vocabulary, grammar, and knowledge of culture.

German 3 — FOR131/132

1 Credit Elective

This course is designed for students who have taken German 2. Students continue to build language proficiency while expanding vocabulary, grammar, and knowledge of culture.

German 4 — FOR141/142

✦1 Credit Elective (Advanced Course)

Students who have completed German 3 will continue their path to proficiency, broadening their ability to communicate in a variety of situations and preparing themselves for more advanced study. The course involves more project-based summative assessment.

German 5/AP — FOR151/152

✦1 Credit Elective (Advanced Course)

This course is designed to prepare students for further study of German at the college level, including an in-depth review of German grammar, advanced composition, and conversation, as well as study of works of Germanic literature and cinema. Students have the option of taking the AP German Language and Culture exam.

Spanish 1 **FOR201/202**
1 Credit Elective
This course introduces and practices the grammatical skills necessary for reading, speaking, writing, and listening in Spanish. The culture and customs of Hispanic countries are also studied.

Spanish 2 **FOR221/222**
1 Credit Elective
This course is designed for students who took Spanish 1 at either the middle or high school level. The course expands vocabulary, grammar, and knowledge of culture. The student will further develop listening, speaking, writing, and comprehension skills.

Spanish 3 **FOR231/232**
1 Credit Elective
This course expands upon the vocabulary, grammar, and culture learned in Spanish 1 and 2. It is designed to meet the curriculum needs of students who want more than a minimum background for college entrance. Written and oral skills are emphasized.

Spanish 4 **FOR241/242**
✦1 Credit Elective (Advanced Course)
This is a college preparatory course which expands upon knowledge studied in previous levels and prepares students for more advanced study. Emphasis is focused on increasing the proficiencies of speaking, reading, and writing Spanish.
The course includes composition and an introduction to Hispanic literature.

Spanish 5/AP **FOR251/252**
College Credit through UWGB
✦1 Credit Elective (Advanced Course)
This advanced course is designed for students who plan to attend college and take advanced courses in Spanish. It will focus on conversation, composition, and Hispanic literature. Additionally, students may opt to take the AP exam in the Spring or can opt to take this class for college credit through UW Green Bay (fee involved). If this option is chosen, upon completion of the class, students with a grade of B or higher will earn 14 college credits through UWGB.

Spanish Heritage **FOR801/802**
1 Credit Elective
The Spanish as a Heritage Language Program (previously Bilingual Program) supports our Spanish-speaking students by providing reading and writing instruction in Spanish. Our goal is to help students develop biliteracy and advance proficiency while bridging home and school cultures. Any student with a strong proficiency in Spanish will be assessed to determine entry in the Spanish as a Heritage Language Program. Instruction is geared towards Spanish-speaking students continuing to develop proficiency.

◂ ONLINE/BLENDED COURSES ▸

ONLINE/BLENDED ELECTIVE COURSES:
Students are eligible to take one online/blended course per semester. **Students need to show personal initiative, self-advocacy, and the ability to follow a pacing guide to be a successful online learner. Online courses follow the same grading and completion guidelines as face-to-face classes.**

Students will be assigned to a **blended lab to work on the course under the guidance of an instructor**. Students may only take an online course independently with approval from the online instructor. Students will not be permitted to continue in online learning without prior approval if they have been unsuccessful in online learning in the past.

ADDITIONAL COURSES MAY BE AVAILABLE
Please check with the online coordinator, Mrs. Schmitt, to discuss additional course opportunities as they relate to your planned career pathway.

◄ EARLY COLLEGE CREDIT ►

Early College Credit Program (4-year schools) and Start College Now Program (Madison College)

The Early College Credit Program (ECCP) and Start College Now (SCN) programs were established to allow students to enroll at an institution of higher education in Wisconsin to take courses that lead to credit toward high school graduation.

The ECCP is open to students in grades 11-12 and covers courses taken at a UW System school or private college. Courses may be taken during the Fall, Spring, and Summer semesters. The SCN program is open to students in grades 11-12 and covers courses taken at Madison College. Courses may be taken during the Fall and Spring semesters.

Participating in ECCP/SCN may limit the number of courses a student can take at Oregon High School. Courses requested can't be similar or equivalent to courses offered by the district. Applications are available online (ECCP application link, SCN application link) and from the School to Career Coordinator. If you wish to participate in ECCP/SCN, discuss your plans with your school counselor and or School to Career Coordinator. Students must complete the application and return it to the School to Career Coordinator prior to the state-mandated deadlines (please allow for ample processing time at the school level in order to meet the deadline for submission):

October 1st for spring courses

February 1st for summer courses (ECCP only)
March 1st for fall courses

Prospective ECCP/SCN students must register for a full schedule of Oregon High School courses. Changes to their Oregon High School schedule will be made upon proof of enrollment in their ECCP/SCN course and as their high school schedule allows. Students must meet institutional entrance requirements and are only enrolled if there is space available in the requested course.

The college course will be included in the student's Oregon High School GPA ONLY if the student is taking the course as part of their School to Career program, or the student is taking a math, science, social studies, or English course and will use the credit earned to meet their high school graduation requirement.

The credit earned in the college course is at a ratio of 4 college credits to 1 high school credit, and will be reflected on the students OHS transcript and included in the total credits earned.

Contact the School to Career Coordinator if you are interested in either of these programs.

◄ SCHOOL TO CAREER/APPRENTICESHIPS►

Oregon High School Youth Apprenticeship Program

Wisconsin's Youth Apprenticeship (YA) program is a Department of Workforce Development program targeting high demand industry sectors in the state. Students in 11th or 12th grade are able to use this opportunity to be employed at local businesses where specific job related skills are learned and reinforced. Youth Apprenticeship is a one or two year opportunity requiring 450 hours of on-the-job experience per year. Students can earn up to 1 credit per semester they are in Youth Apprenticeship, with a maximum of 4 credits total for this program.

In addition to the hour requirement, students must enroll in concurrent classes related to their apprenticeship and complete regular check-in assignments with Oregon High School's School to Career Coordinator to earn credit for the program. Students interested in participating in Youth Apprenticeship should schedule a meeting with the School to Career Coordinator before completing the Youth Apprenticeship application.

Students who wish to participate in Youth Apprenticeship should plan to enroll in a full course load during registration time. After the student has been accepted into Youth Apprenticeship and employment has been secured, release time for Youth Apprenticeship will be added to the student's schedule. Students will not be allowed to be released from school to work until after their Education Training Agreement meeting and all required paperwork is in place.

Apprenticeship placement is in the community and will be off site. Click here if you would like to learn more about the Youth Apprenticeship program. Students will need to provide their own transportation and employment placements are not guaranteed.

In the event Oregon High School does not offer suitable related coursework to fit the needs of the Youth Apprentice, students may need to enroll in either a Start College Now class through Madison College, an asynchronous virtual class through an online vendor, or take an evening class in order to satisfy this requirement.

Youth Apprenticeship Areas - *See Ms. D'Amelio, School to Career Coordinator
Agriculture, Food & Natural Resources
Architecture and Construction
Arts, A/V Technology, & Communication
Automotive - Transportation, Distribution & Logistics
Health Science
Hospitality, Tourism & Lodging
Information Technology
Marketing
Manufacturing
STEM (Biotech and Engineering)

Oregon High School Employability Skills Work Experience Program

Juniors or seniors who already have a job and are interested in earning work experience credit can talk to their counselor and/or the School to Career Coordinator to see if the Employability Skills Work Experience Program is a good fit. Students can earn up to 1 credit per semester they are in the program with a maximum of 2 credits total for this program. Students are expected to work at least 90 hours per semester at their job and complete assignments. Prior to getting the Employability Skills Work Experience Program added to their schedules, students need to make sure they have the appropriate paperwork signed and submitted to the School to Career Coordinator.

◄ SPECIAL EDUCATION►

The Oregon School District has developed programming for students who qualify for special education under the Individuals with Disabilities Act (IDEA). Programming is determined by the IEP team and is specified in each student's Individual Education Plan (IEP). Students must consult with their case manager to determine appropriate courses and to obtain course numbers for special education classes. Some special education students will be placed in specific courses for structured support or direct instruction.

Courses offered that match student need, as determined by the IEP team, could include, but are not limited to:
Math Skills CCEE: XMH101/102; English Skills XCP311/312; Life Skills XMH201/202;
Vocational Skills XMH961/962; Social Skills XMH231/232; Community Skills XMH205/206;
Affective Skills XCP171/172

ACADEMIC SUPPORT

These classes are available to students who may be in need of academic support or who are credit deficient. Students or parents interested in learning more about these courses should contact their counselors. Consent of instructor is required.

ENGLISH EXTENSION 9/10 **ENG113/114**
Prerequisite: Freshman or Sophomore missing at least 0.5 credits of English.
Credit recovery of any unsuccessful semester of English 9 or English 10. Upon successful completion of this course, you will receive 0.5 English credits per semester. (This grade will not replace the original grade, however.)

ENGLISH EXTENSION 11/12 **ENG313/314**
Prerequisite: Junior or Senior missing at least 0.5 credits of English.
Credit recovery of any unsuccessful semester of English. Upon successful completion of this course, you will receive 0.5 English credits per semester. (This grade will not replace the original grade, however.)

ALGEBRA SUPPORT **MAT001/002**
This course is recommended for any student who struggles with Algebra concepts and is in addition to the Algebra 1 course. Students will receive 0.5 elective credits per semester upon successful completion of this support course (Pass/Fail).

ELL RESOURCE **ENG801/802**
This course is a support course for students whose native language is not English. Students will receive 0.5 elective credits for each semester (Pass/Fail). This course may be taken throughout all four years.

◂CADET/TUTOR/ CO-TEACHER▸

CADET (GRADES 9-12) **YCA101 (1ST SEMESTER)**
¼ Credit Elective or **YCA102 (2nd SEMESTER)**
CS Hours **YCA111 (1st SEM. CS Hours)**
YCA112 (2nd SEM. CS Hours)

Cadets are students who work in a classroom. Examples include, but are not limited to setting up science lab equipment or organizing materials. This emphasis on providing support to staff is in contrast to the central work of a tutor or co-teacher, whose role it is to provide direct support of student learning in a classroom or resource area. Specific cadet duties are established by the supervising staff member. Maximum transcripted cadet credit = 1.0 for four years and may not be used for early graduation. **A cadet assignment does not count as one of the 6 required courses.** Interested students should contact Student Services.

K-8 TUTOR **YCA321 (1ST SEMESTER)**
YCA322 (2ND SEMESTER)

1/4 Credit = minimum 30 hours
1/2 Credit = minimum 60 hours
or service hours if approved by instructor
Being a K-8 tutor requires parent/guardian permission, as K-8 tutors provide their own transportation during the school day to work with students at other schools within the OSD. K-8 tutors work a regular weekly schedule that is determined by their cooperating teacher's needs and the tutor's availability. This usually involves a daily commitment, but some assignments may be less than 5 days per week. Specific duties of a K-8 tutor are unique to each assignment, but may include working with individual students, working with small groups of students, or assisting the instructor in a variety of ways. Students may set up their own placement or be placed by the high school program coordinator. Interested students should contact Ms. Andrea Anderson in room 186.

PEER TUTOR **YCA301 (1ST SEMESTER)**
YCA302 (2ND SEMESTER)

Peer tutors are students who are committed to tutoring other OHS students on a regular, ongoing basis. Peer tutors identify their areas of interest/strength and the high school program coordinator sets up matches with students who request academic support in those areas. Tutoring sessions most commonly occur during students' learning resource periods, after school in the LMC during Panther After School Study (PASS), or during Panther Saturday Academy. Peer tutors can earn service hours toward the 40-hour graduation requirement. A student can serve as a peer tutor at any time throughout the school year. Interested students should contact Ms. Andrea Anderson in room 186.

MATH CO-TEACHER **YTY101 (1ST SEMESTER)**
½ Credit Elective (PASS/FAIL) **YTY102 (2ND SEMESTER)**

The objective behind the Mathematics Co-Teaching Program is to provide learners the support and guidance needed to stay on track in the mathematics classroom. As co-teachers, student leaders act as a resource for the lead teacher in delivering the curriculum and act as a support and guide for the students in the classroom. Co-teaching responsibilities may include answering questions, administering tests, individual tutoring, demonstrating technology, differentiating content, or even instruction of the lessons. As co-teachers, student leaders learn about a variety of teaching methodologies and practices, develop classroom leadership skills, gain knowledge of the teaching profession and of the learning process and learn to work closely with students in various instructional settings. Co-teachers are assigned to a classroom and should let Ms. Rosemeyer know of any preference for a particular curriculum or teacher with whom to partner.

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