

Omro High School

# Academic & Career Planning Guide 2019-2020



Preparing our  
Foxes for the Future

**District Vision Statement**

*Progressively leading, engaged in learning, and committed to district-wide growth*

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# UNIVERSITY/COLLEGE REQUIREMENTS

## UNIVERSITY/COLLEGE ENTRANCE REQUIREMENTS

Graduation from high school does not guarantee your admission to a university/college of your choice. Each institution has specific entrance requirements. Students and parents should research universities and colleges and confer with the school counselor early in the student's high school career so that proper studies may be chosen, proper tests taken, and requirements are met in preparation for entrance into a selected college.

GENERAL requirements for MOST university/college entrance are as follows:

### (1) HIGH SCHOOL SUBJECT REQUIREMENTS

English - Four years

Mathematics - Three years (Algebra, Geometry, and Algebra 2 or higher)

Social Science - Three years

Natural Science - Three years

Foreign Language - Recommended for admission to many colleges. In WI, 2 years are required for UW Madison, with 3-4 years preferred. UW La Crosse prefers 3 years of foreign language.

### (2) SCHOLASTIC GRADES

Universities/colleges have varying rank requirements usually ranging from Top 10% - 50%.

### (3) ACT

Students must take the ACT or SAT (ACT is preferred by colleges in the Midwest). The National Average is 21.

*\*See Ms. Williams for specific requirements for the institutions of your choice.*

## NCAA Eligibility

Students who are considering playing sports at the Division I or Division II college level need to make sure they take classes that make them eligible. The majority of our core classes are approved by NCAA, however, there are a few exceptions in our English department, which are identified under the description. To ensure NCAA eligibility register with NCAA at

<http://eligibilitycenter.org/>

## **TECHNICAL COLLEGES**

A student should select high school courses according to the major areas desired at a technical college. These depend on your interests, aptitudes, abilities, and personality. Specific fields should be discussed with Ms. Williams so that you take the required or recommended high school courses. The ACCUPLACER Test or ACT is required for admission. If you score unsatisfactorily in any area, you must complete a program prep class in addition to your program coursework. Fox Valley Technical College (FVTC) highly recommends that students take College Mathematics their senior year to prepare for Technical College.

Omro High School (OHS) has an agreement with FVTC whereby certain classes taken at Omro can provide eligibility for advanced standing or transcribed credit for a student who pursues an associate degree or a technical diploma at FVTC. To be eligible for advanced standing, students must enroll in a technical college degree program and present appropriate documentation of the completion of high school course(s), which meets the conditions stated in the articulation agreement.

## **TESTING**

ASPIRE Testing is an online statewide test for all 9th and 10th graders. The ASPIRE test is given to all the 9th and 10th graders in the spring. The test includes multiple question types such as constructed response, selected response and technology enhanced. Subject areas include English, Math, Reading, Science and Writing. These scores help predict future ACT and WorkKeys scores.

The Wisconsin Forward Social Studies exam is administered to all 10th graders in the spring. This online exam consists of two sections (approximately 45 min each).

ACT is a statewide test administered to all 11th graders in late February/early March. The subjects include Reading, English, Math, Science and Writing. The scores may be used for college and technical admissions.

WorkKeys is a statewide test administered to all 11th graders in late February. WorkKeys is a job skills assessment system measuring "real-world" skills that employers believe are critical to job success. The subjects include Applied Mathematics, Workplace Documents, and Graphic Literacy.

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## OHS GRADUATION REQUIREMENTS

ENGLISH	4 credits
SOCIAL STUDIES	3 credits
MATHEMATICS	3 credits
SCIENCE	3 credits
PHYSICAL EDUCATION	1.5 credits
INDEPENDENT LIVING CLASS	.5 credits
ELECTIVES	10 credits
<b>TOTAL CREDITS:</b>	<b>25 CREDITS</b>

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## COURSES AVAILABLE FOR UNIVERSITY/COLLEGE CREDIT

### **Cooperative Advanced Placement Program (CAPP):**

Junior and senior year students wishing to apply for participation in the Cooperative Advanced Placement Program (CAPP) must also be of good academic standing with a Class Rank in the upper 25% OR a GPA of at least 3.25 on a 4.0 scale, OR a GPA of 2.75+ AND an ACT of 24 or higher. CAPP is the ability for college credit courses to be offered in high schools by university-approved high school faculty. UW Oshkosh offers college credit in high school classes.

When such courses are taken for high school and college credit and “a comparable course is offered by the District”, students enrolled in these courses must pay 50% of the cost of the college credit. Students who qualify for free lunch will be charged a reduced fee.

Current CAPP courses include:

[CAPP English 101](#)

[CAPP Speech](#)

[CAPP Business](#)

[CAPP Personal Finance](#)

### **Advanced Placement Program (AP):**

Advanced Placement Program (AP) is a high school academic program with courses of specific subjects that culminate with college-level assessments. Exams are graded on a scale of one to five, with a score of three or higher considered successful and eligible for credit or advanced standing at most colleges and universities.

While the AP coursework provides strong preparation for the AP exam and an introduction to college-level work, students do not need to take a formal AP course to take the AP exam in a subject area. Students are responsible for paying the cost of the exam fee (approximately \$100.00). However, students who qualify for free and reduced lunch, will be charged a reduced fee.

Current AP courses include:

[AP Calculus](#)

[AP Biology](#)

[AP World History](#)

### **Transcribed/Advanced Standing Credit Courses:**

OHS has an agreement with FVTC whereby certain classes taken at Omro can provide eligibility for advanced standing or transcribed credit for a student who pursues an associate degree or a technical diploma at FVTC. To be eligible for advanced standing, students must enroll in a technical college degree program and present appropriate documentation of the completion of high school course(s), which meets the conditions stated in the articulation agreement.

Current Dual Credit courses include:

[Animal Science - Livestock](#)

[Software Applications](#)

[Desktop Publishing](#)

[Accounting II](#)

[Assistant Childcare Teacher](#)

[Child Development](#)

[Written Communication](#)

[Oral Interpersonal Communication](#)

[College Mathematics](#)

[Weld Print Reading](#)

[Weld Symbols](#)

[GMAW Techniques I](#)

[SMAW Techniques I](#)

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## **OHS LAUDE SYSTEM (Class of 2021 and Beyond)**

*Laude* is an academic honors system that allows students the opportunity to receive recognition based on achievement and rigorous course selection. Teachers nominate, evaluate, and select *Laude* courses. *Laude* courses are chosen based on rigor, engagement, prerequisites, and opportunities for university/college/tech credit. Careful consideration is made to include courses from all departments.

*Laude* designations are as follows:

**Summa Cum Laude** "with highest honor"

50 points and above

**Magna Cum Laude** "with great honor"

40 points to 49.999 points

**Cum Laude** "with honor"

30 points to 39.999 points

Laude courses are designated in the course book with a L in the course name.

**L = LAUDE COURSE**

*\*For more information, please see Laude Course Guide linked [here](#).*

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## **CAREER PATHWAYS & PROGRAMS OF STUDY**

A Program of Study is the recommended curriculum for a student's four-year high school career. Programs of Study show the possible courses a student could take throughout the year. Although a student is **not** required to take **all** of these courses, he/she may choose from this list in order to best meet their individual career and educational goals. Students, along with their parent(s)/guardian(s), should verify course prerequisites and graduation requirements.

*\*To view the current Programs of Study click [here](#)*

## **COURSE DESCRIPTIONS**

### **I. AGRISCIENCE**

#### **AGRISCIENCE**

**Grade (s):** 9-11

**Semester Credit: .5**

**Prerequisite:** None

This course will look into the many different aspects of the exciting world of agriculture/agribusiness - the number one employer and industry in the United States. The student will explore and learn about the opportunities available in agriculture. Units include: FFA, agribusiness occupations, basic plant and soil science, large and small animal science, parliamentary procedures, natural resources management, and food science. Field trips and lab activities are included in the course. These activities take place outside the classroom as well as in the classroom. This should be the first agricultural course to select if you are planning on taking a number of agricultural courses.

#### **HORTICULTURE/LANDSCAPE MANAGEMENT**

**Grade (s):** 9-12

**Semester Credit: .5**

**Prerequisite:** None

The course is designed to provide the student with a background knowledge of plant growth and physiology of plants. Topics include horticulture and landscape career opportunities, plant

growth, identification and control of plant disorders and pests, fruit production, floriculture, landscape design and maintenance, pruning, lawn and garden, and greenhouse management. The student will be involved in indoor and outdoor lab activities and independent projects in growing plants, floral arranging, ground care management, and outdoor landscape planting and maintenance. If the student decides not to enter one of the preceding job areas, they will still find information in this course useful in their private lives.

### **ANIMAL SCIENCE (FVTC)**

**Grade (s):** 10-12

**Prerequisite:** None

**Fee:** Course textbook and/or software may have to be purchased

**Semester Credit:** .5

**College Credit:** 3 FVTC

This course provides fundamental knowledge of the animal science field. Topics include animal health, animal environments, anatomy and physiology, genetics and reproduction, animal feedstuffs, and job-related safety. Students will experience animal concepts through the completion of hands-on activities. A field trip to World Dairy Expo will be included. Upon successful completion of this course and Animal Science Livestock, students may earn FVTC credit.

### **CARE AND MANAGEMENT OF RECREATIONAL ANIMALS**

**Grade (s):** 10-12

**Prerequisite:** None

Students will investigate the importance of recreational animals in society today. Units of study will focus on animal rights and welfare issues, the animal/human bond, animal behavior, horses, dogs, cats and other pets. Classroom activities, field trips, and guest appearances will provide opportunities for students to explore recreational animals and gain the knowledge necessary to make educated decisions about which animals make the best companions for individuals.

**Semester Credit:** .5

### **CONSERVATION (Environmental Resource Management)**

**Grade (s):** 10-12

**Prerequisite:** None

This course deals with major concerns affecting our environment. Students will be provided with a background in the wise management and conservation of our natural resources through classroom and indoor and outdoor laboratory work in fish and wildlife management, water quality, air pollution, soil conservation, forestry, and energy conservation. It also explores available careers.

**Semester Credit:** .5

## **PLANT AND SOIL SCIENCE**

**Grade (s):** 10-12

**Semester Credit:** .5

**Prerequisite:** None

The science of growing, identifying, planning, and marketing of products in the industry will be discussed. Units in this course include: plants and the importance in human nutrition, plant structure, plant growth, soil properties, legal land descriptions, land measurement, agronomic crops and how they are grown, processed and marketed. Hands-on work in labs, outdoors and the greenhouse will be a part of this course.

## **ANIMAL SCIENCE - LIVESTOCK (FVTC) - L**

**Grade (s):** 11-12

**Semester Credit:** .5

**Prerequisite:** None

**College Credit:** 3 FVTC (if also completed Animal Science course)

**Fee:** Course textbook and/or software may have to be purchased.

This course provides fundamental knowledge of the animal science field. Topics include livestock breeds, production management, dairy, beef, sheep, swine, and poultry care. The course will also relate to you as a consumer and help you understand the economic importance livestock animals provide. Students will experience animal concepts through the completion of hands-on activities.

## **AG MECHANICS**

**Grade (s):** 11-12

**Semester Credit:** .5

**Prerequisite:** 1 semester of a previous agriculture course

Topics which will be covered include: engines, power transmission, tires, fuel and oil, and preventative tractor and equipment maintenance. Shop activities will include assembly, repair, and maintenance of farm machinery and equipment.

## **AGRI-BUSINESS**

**Grade (s):** 11-12

**Semester Credit:** .5

**Prerequisite:** 2 semesters of previous agriculture courses

This course includes a study of Agribusiness. Areas of study during this course include agricultural marketing, cooperatives, and advertising. Students will compete in a marketing simulation contest. Leadership activities will include: FFA week, Food for America, FFA banquet, and other award applications.

## **ADVANCED AGRICULTURE**

**Grade (s):** 11-12

**Semester Credit:** .5

**Prerequisite:** 3 semesters of previous agriculture courses

This course is designed for seniors who are looking seriously at agriculture/agribusiness as a career option. Students will also study agriculture financing and management. Development of leadership skills and FFA management will also be part of this course. Individual student projects will be an important part of the class.

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## **II. ART**

### **ART FOUNDATIONS (formerly named INTRO TO ART)**

**Grade (s):** 9-12

**Semester Credit:** .5

**Prerequisite:** None

**Fee:** \$15.00

No art experience required. This class is for those who have not taken art for several years or students who are interested in trying a little bit of everything. We will explore different art media and be introduced to contemporary art, artists, and styles. Be ready to create using drawing, painting, clay, paper, plaster, wire, collage, glass, plastics, and found objects. Students will learn to critique their artwork. This class is a prerequisite for other art classes. A spiral bound sketchbook is required for this class.

### **CERAMICS I**

**Grade (s):** 9-12

**Semester Credit:** .5

**Prerequisite:** None

**Fee:** \$15.00

This is an introductory course on pottery, carving, and sculpting. Basic three-dimensional design will be explored with an emphasis on the elements and principles of design. Projects will emphasize a particular material or technique. Projects will require 2-dimensional designs and some research may be required.

## **CERAMICS II (formerly named ADVANCED CERAMICS)**

**Grade (s):** 10-12

**Semester Credit:** .5

**Prerequisite:** Ceramics I

**Fee:** \$15.00

Greetings Mug Minds! You are about to begin a deeper journey into the world of clay, The general purpose of this class is to allow you an opportunity to continue to discover the artist that lives within you as well as improving some fundamental skills of ceramics work. There will be more emphasis on technical aspects of ceramics than what you experienced in Ceramics I. This course is designed to improve your skills on the potter's wheel. However, combination thrown/hand built pieces may also be explored. Strong emphasis will be placed on: excellence of form, surface treatment, craftsmanship, finishing, decorating, and glazing.

## **DIGITAL PHOTOGRAPHY**

**Grade (s):** 9-12

**Semester Credit:** .5

**Prerequisite:** None

**Fee:** \$15.00

An introduction to basic digital photography. Topics include: basic operation of digital camera, composition, camera controls, exposure, and basic image enhancement for creative use. Students will also build a photo portfolio. They are required to take photos outside of class, during school activities, sporting events and in the home environment. Required: digital camera - minimum 4 megapixel, storage card, and USB reader.

## **DRAWING I**

**Grade (s):** 9-12

**Semester Credit:** .5

**Prerequisite:** None

**Fee:** \$15.00

This course focuses on teaching students the basic skills in seeing and drawing. Activities may include but are not limited to: contour, gesture, and observational drawing. We will also focus on perspective, shading, and drawing portraits. Materials that may be used include: pencil, charcoal, colored pencil, chalk pastel, and pen and ink. This class is a disciplined class for the student who wants to learn to draw well. Drawing is a practice, just like medicine, sports or music; you are as good as you make yourself. A sketchbook is required for this class.

## **DRAWING II (formerly named ADVANCED DRAWING)**

**Grade (s):** 10-12

**Semester Credit:** .5

**Prerequisite:** Drawing I

**Fee:** \$15.00

Are you a self-starter who is interested in taking more risks in your artwork? Join us for a more in depth focus and concentration of technique and skills. Instruction is based on objective criteria as well as creative use of materials and concepts with emphasis on visual thinking and visual communications. Students will have more liberty in media to choose from. Students should already have knowledge of basic art/design skills. Each assignment must show planning, quality in craftsmanship, and thoughtful consideration. A spiral bound sketchbook is required for this class.

## **SCULPTURE I**

**Grade (s):** 9-12

**Semester Credit:** .5

**Prerequisite:** None

**Fee:** \$15.00

Students step into a realm of creating three-dimensional artwork out of two-dimensional ideas and plans. Materials that may be worked with are: clay, paper clay, paper mache, cardboard, plaster, cement, balsa wood, pewter casting, and found objects. A spiral bound sketchbook will be required for this class, some research may be assigned.

## **PAINTING I**

**Grade (s):** 9-12

**Semester Credit:** .5

**Prerequisite:** Art Foundations OR Drawing I

**Fee:** \$15.00

Students will find their own unique way of expressing themselves as they learn techniques for painting with acrylics, watercolors, and a variety of other paints and materials. They will develop a better understanding of the forms they are observing and become more skillful in representing those forms. Painting I focuses on experimentation, development of skills, and encouragement to develop a unique style. A spiral bound sketchbook is required for practicing and planning.

## **PAINTING II - L (formerly named ADVANCED PAINTING)**

**Grade (s):** 10-12

**Semester Credit:** .5

**Prerequisite:** Painting I

**Fee:** \$15.00

Students who have completed Art Foundations and Painting I can continue to explore watercolor, acrylic, and water-based oil paints as they build on the foundations practiced in

Painting I. Artists will work on developing their own personal style as they advance their skills. They will continue looking at art critically and will take part in class critiques and written self-critiques. Spiral bound sketchbook required.

### **GLASS CREATIONS - L**

**Grade (s):** 9-12

**Semester Credit:** .5

**Prerequisite:** Art Foundations

**Fee:** \$15.00

Students who have completed Art Foundations can expand their experience with a focus on mosaics, glass fusing, and enameling. Techniques for creating mosaics, and firing glass and enamel artwork will be learned as students develop their individual styles in this medium. This class requires a dedicated commitment to planning projects, learning techniques, and developing skills to produce quality glasswork.

### **EXHIBITION AND STUDIO DESIGN**

**Grade (s):** 11-12

**Semester Credit:** .5

**Prerequisite:** None

**Fee:** \$15.00

Students considering a career in the visual arts will learn how to: develop an art portfolio, photograph artwork, write an artist's statement, prepare work for an exhibit, mat and frame art, conduct an art workshop for the community, and set up a gallery space. This is an excellent opportunity to work hands-on with preparation of art for art events. Spiral sketchbook required.

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## **III. BUSINESS**

### **BASIC COMPUTER REPAIR & NETWORKING**

**Grade (s):** 9-12

**Semester Credit:** .5

**Prerequisite:** None

Are you interested in computers and how they work? This class will prepare you to work with today's technology. You will learn about the hardware and software used by computers and networks. You will learn to diagnose problems and explain how to repair necessary components and the basics of networking.

### **DESKTOP PUBLISHING (FVTC) - L**

**Grade (s):** 9-12

**Semester Credit:** .5

**Prerequisite:** None

**College Credit:** 1 FVTC

Have you ever thought about what goes in advertisements you see in magazines, or why water bottle labels look the way they do? Learn why and how to make your own professional

publications. Desktop Publishing is a course designed to provide students with knowledge to create documents using the computer. Students will learn the ins and outs of page creating actual publications.

### **INTRODUCTION TO BUSINESS**

**Grade (s):** 9-12

**Semester Credit:** .5

**Prerequisite:** None

This course will provide an overview of the variety of activities in the world of business. It focuses on the many forms of business ownership and the departments involved in a successful business venture. It also examines the role of government in business and business ethics.

### **PROGRAMMING WITH ALICE ANIMATION**

**Grade (s):** 9-12

**Semester Credit:** .5

**Prerequisite:** None

This is an introductory course for learning to program with animation. Students create animation projects using Alice or a similar program, a software package for creating animation in small virtual worlds using three-dimensional models in Disney animation style. The emphasis of this course is hands on labs, with some lecture/presentation. Although designed for the novice programmer, the course may also be taken by more advanced students.

### **SOFTWARE APPLICATIONS (FVTC) - L**

**Grade (s):** 10-12

**Semester Credit:** .5

**Prerequisite:** None

**College Credit:** 2 FVTC

**Fee:** Course textbook and/or software may have to be purchased (approx \$100-\$150)

This course will give students an opportunity to learn how to use Microsoft Word, Excel, and PowerPoint. Students will get the opportunity to see how each of these programs can be used in everyday life.

### **SPORTS BUSINESS**

**Grade (s):** 10-12

**Semester Credit:** .5

**Prerequisite:** Introduction to Business

Sports Business is designed to acquaint students with the basic characteristics of the sports and entertainment industry and how it relates to the free enterprise system. The influence of marketing during sporting events and the power of entertainment industry will be analyzed, discussed, and simulated. The students will become aware of their own views and influences of both sports and entertainment marketing. Students will develop an understanding of how to develop promotional plans, advertising campaigns, and visual merchandising displays and determine how they can be influential in consumer buying patterns.

## **ACCOUNTING I**

**Grade (s):** 10-12

**Year Credit: 1**

**Prerequisite:** Introduction to Business

Are you interested in money? Then this class is for you. This class is a must for the university/college bound business student. Learn and do what it takes to manage a business's money. This course provides an understanding of the basis elements and concepts of double entry accounting systems. Activities include the accounting cycle and demonstrating how it relates to the accounting equation. You will also be given an introduction to computerized accounting.

## **ACCOUNTING II (FVTC)**

**Grade (s):** 11-12

**Year Credit: 1**

**Prerequisite:** Accounting I

**College Credit: 3 FVTC**

Students will continue to building upon their knowledge of accounting. Students learn the accounting processes for relating to plant assets, vouchers notes payable, notes receivables, and accepted accounting principles for corporation and a non-profit organization. Students will also explore international accounting and accounting as a career.

## **PERSONAL FINANCE**

**Grade (s):** 11-12

**Semester Credit: .5**

**Prerequisite:** Introduction to Business

This class is designed to help students understand their role as a consumer and active participant in the business world. Students will learn about managing your resources, the wise use of credit, risk management, and enhancing their financial security. Various hands-on projects will be done for each topic.

## **SMALL BUSINESS DEVELOPMENT**

**Grade (s):** 11-12

**Semester Credit: .5**

**Prerequisite:** Introduction to Business

This course is designed to assist each student in developing and setting up their own business, including selecting the product or service, obtaining financing, management, marketing, advertising, and hiring personnel and management. Students will work on a computer simulation and develop a business plan for Project G.R.I.L.L, which stands for Growing Readiness in Learning and Leadership, a program designed to introduce high school students to the career opportunities available in manufacturing. This course is highly recommended for students who are interested in starting or running their own business someday.

## **CAPP BUSINESS (UWO) - L**

**Grade (s):** 11-12

**Prerequisite:** Class rank of top 25% OR  
Cumulative GPA of 3.25+ OR ACT 24+ AND  
GPA 2.75+

**Fee:** Approximately \$150

**Semester Credit: .5**

**University Credit: 3 UW Oshkosh**

This course is an introduction for all students interested in learning more about business. You will be exposed to many different aspects of the world of business. The primary focus of this class is to broaden your understanding of the dynamics of business and business related careers.

## **CAPP PERSONAL FINANCE (UWO) - L**

**Grade (s):** 11-12

**Prerequisite:** Class rank of top 25% OR  
Cumulative GPA of 3.25+ OR ACT 24+ AND  
GPA 2.75+

**Fee:** Approximately \$150

**Semester Credit: .5**

**University Credit: 3 UW Oshkosh**

A study of the major financial decisions encountered by individuals. Subjects covered are: budgeting, use of credit, automobile and consumer durables, insurance, the housing decision, taxes, retirement planning, estate transfer and investments. The primary focus of this class is to broaden your understanding of the personal financial topics that they will encounter throughout life.

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## **IV. CAREER AND SERVICE-BASED LEARNING**

### **INDEPENDENT WORK STUDY**

**Grade:** 12

**Prerequisite:** None

**Semester Credit: .5**

- may take 2 semesters

Students will be responsible for locating, arranging, and working at a part-time job. Students should get paid for the work. Students are required to return a signature page and preview sheet to the guidance office one week prior to the start of the semester. Each student will then submit log sheets every four and a half weeks and a summary page at the end of the semester. The log sheet will include dates and times worked and should total at least 100 hours over the semester. At the end of the work experience, the student must turn in their final log sheet and a summary page. The summary page should address completed duties, educational gains, and unexpected issues during the work experience. The summary should be typed, double spaced, and at least half a page in length using 12 point font.

## **AGRICULTURE CO-OP**

**Grade (s):** 12

**Semester Credit:** .5

**Prerequisite:** 3 semesters of previous agriculture classes AND enrolled in at least one agriculture course during the senior year AND instructor's approval

- may take two semesters

A student may sign up for semester 1, and semester 2, or the whole year. It is designed to aide in preparing a student for an agricultural occupation by providing classroom as well as one-the-job training. Students must obtain a job "training station" which must be any agricultural related job approved by the instructor. They will be involved in working with a trainer from that agribusiness or productions site. Students must work a minimum of 10 hours per week at their job site and must provide their own transportation to and from this training station. They must be released early from the school day to go to their job site.

## **CHILD CARE SERVICES CO-OP**

**Grade:** 12

**Year Credit:** 1

**Prerequisite(s):** World of Children, Child Development, Assistant Childcare Teacher (ACCT) and Independent Living; Teacher Approval

The Child Services Co-op is a skill certificate program for seniors who are 17 years of age and who have satisfactorily completed the Assistant Child Care Teacher (ACCT) course during their junior year. The competency areas covered include personal/interpersonal, thinking/information processing, systems/technology, introduction to child care services, the center environment, children professional development, food and nutrition, health and safety, and special needs of children. Core employability skills are also measured. Students who satisfactorily complete the program and graduate from high school also qualify to receive the second-level Wisconsin Department of Children and Families(DCF) employment designation as a Child Care Teacher. Students will be given school release time to get on the job training and exposure in a child care facility. Students will be granted three class periods (either morning or afternoon) to go to their Co-op job and work with pay. This opportunity is perfect for students who are interested in this career to gain a hands-on experience working in the industry while in high school.

## **FOOD SERVICES CO-OP**

**Grade:** 12

**Year Credit:** 1

**Prerequisite(s):** Food for Life, Food, Family & Society, Culinary Arts, Advanced Culinary Arts, and Independent Living; Teacher Approval

This Co-op opportunity is designed for those students who are interested in a future career of working in the Restaurant and Food Service Industry. Upon meeting all the above requirements, students will be given school release time to get on the job training and exposure in a food

service facility. Students will be granted three class periods (either morning or afternoon) to go to their co-op job and work with pay. This opportunity is perfect for students who are interested in this career to gain a hands-on experience working in the industry while in high school.

## **YOUTH APPRENTICESHIP**

**Grade (s):** 11-12

**Prerequisite:** On track to graduate, good attendance record, and a career interest related to a Youth Apprenticeship program area.

Youth Apprenticeship is a 1 or 2 year program that combines mentored, on-the-job learning with academic and technical classroom instruction. It opens doors for students by giving them the chance to “try-out” a career area while experiencing an adult working environment. Students gain paid, hands-on learning with a business mentor, while completing classroom instruction related to the career area.

You are selected for the program based on an interview with potential business partners and your application, which includes attendance and academic records. Positions are limited since everyone must have a business partner. Students are responsible for their own transportation.

Youth Apprenticeship Program areas include Agriculture, Construction, Financial Services, Health Science, Hospitality, Information Technology, Manufacturing, Marketing, STEM and Transportation.

For more information, contact Jill Milos, Youth Apprenticeship Coordinator, [jmilos@cesa6.org](mailto:jmilos@cesa6.org) or 920-236-0557.

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## **V. FAMILY AND CONSUMER SCIENCES**

### **FOOD FOR LIFE**

**Grade (s):** 9-12

**Semester Credit:** .5

**Prerequisite:** None

**Fee:** \$15.00

Learn about your current eating habits and what changes can be made to improve them. Class time will be spent learning about the Dietary Guidelines, MyPlate, to exploring all the nutrients needed for overall health. Current food issues such as fitness, dieting, weight control and eating disorders will be included. Hands-on participation in food lab experiences will teach you how to prepare foods that are not only fun to eat, but are healthy for you.

## **FOOD, FAMILY, AND SOCIETY**

**Grade (s):** 9-12

**Semester Credit:** .5

**Prerequisite:** None

**Fee:** \$15.00

What influences your food choices? Is it your friends, your family, or the society around you? Food is the focus of this course designed for high school students. The many planned hands-on activities regarding the “basics” of food preparation in laboratory situations is a main component of this course. Labs include preparing foods from the past, present, and future, creating a new food norm to celebrate a birthday or holiday, to the taste testing of new and innovative food products.

## **WORLD OF CHILDREN**

**Grade (s):** 9-12

**Semester Credit:** .5

**Prerequisite:** None

Do you love children? Do you want to know how they walk, talk, think, act, and what makes them “tick”? You will gain an understanding of a child’s life from conception to adulthood. A child’s world is explored as you examine the physical, intellectual, emotional, and social development of a child at each age and stage. Students will focus on the day-to-day handling of children by creating classroom projects and inviting in children for hands-on play group experiences.

## **CULINARY ARTS**

**Grade (s):** 10-12

**Semester Credit:** .5

**Prerequisite:** Food, Family, and Society

**Fee:** \$15.00

This is a course designed to explore the careers in the restaurant and food/beverage services industry and teaches students the fundamental skills they will need to begin their career in this field. A review of basic kitchen techniques, safety and sanitation, knife skills and equipment will lead to lab experiences that will involve hands-on food preparations. Techniques learned will help in preparation of: appetizers, garnishments, soups/salads/sandwiches, and fruits/vegetables. Students will also have the opportunity to compete in class competitions and end the course by running a food truck service.

## **FOOD SCIENCE**

**Grade(s):** 10-12

**Semester Credit:** .5

**Prerequisite:** Physical Science AND Food, Family, and Society

Food Science is the study of producing, processing, preparing, evaluating, and using food. It is team taught by the Family and Consumer Sciences and Chemistry Teachers. This course will examine scientific principles related to food and how they can improve the lives of individuals and families. Course content will include physical and chemical principles that affect food through the cooking process and the food we consume. Emphasis will be placed on nutritional analysis, healthy diet and lifestyle considerations, and critical thinking. We will also consider technological advances in the food industry and career opportunities related to food science.

## **ADVANCED CULINARY ARTS**

**Grade (s):** 11-12

**Semester Credit:** .5

**Prerequisite:** Food, Family, and Society AND Culinary Arts

**Fee:** \$15.00

This course will continue to build upon the fundamental techniques learning in Culinary Arts, preparing students for a future career in the Restaurant and Food/Beverages Services Industry. Knowledge will be gained through catering opportunities, class competitions, food sales, and hands-on lab experiences. Preparation and skills involving proteins, main entrees from foreign countries, desserts/baking, and beverages will be explored. Guest services, management and marketing will be discussed preparing students for their final class project of running a restaurant.

## **CHILD DEVELOPMENT (FVTC) - L**

**Grade (s):** 10 -12

**Semester Credit:** .5

**Prerequisite:** World of Children

**College Credit:** 3 FVTC

This course is dual credit through FVTC in which you will examine child development within the context of the early childhood education setting. Course competencies include: analyze social, cultural, and economic influences on child development; summarize child development theories; analyze development of children age three through age eight; summarize the methods and designs of child development research; analyze the role of hereditary and the environment; examine the role of brain development in early learning (age 3-8). Students will have the opportunity to observe children in their environments through field trips and in-class childcare settings.

## **ASSISTANT CHILDCARE TEACHER (CERTIFICATION) A & B (FVTC) - L**

**Grade (s):** 11-12

**Prerequisites:** At least 17 years of age AND  
World of Children

**Fee:** \$3 fee for CPR certification and projects &  
supplies

**Year Credit:** 1

**College Credit:** 3 FVTC

This course is designed for those students who are considering a career working with children. It is specifically tailored to meet the future needs of those who wish to care for children in a childcare facility or classroom, as well as those who choose to work with children in other related professions. Students in this course will conduct a simulation with preschool children (in-school simulation or working with a local primary school). Students may also receive ACCT Certification through the WI Department of Public Instruction and be hired by a licensed child care environment. Students will also receive their Shaken Baby Syndrome certificate, SIDS certificate and Adult/Child/Infant CPR certification through this course - all requirements of those who choose to work with children. **\*You must have earned all these certificates in order to do the F/CS Child Care Services Co-op your senior year.**

## **CULINARY OPERATIONS - L**

**Grade (s):** 11-12

**Prerequisite:** Food, Family, and Society,  
Culinary Arts AND Advanced Culinary Arts

**Fee:** \$15.00

**Semester Credit:** .5

This course is an advanced and culmination culinary course designed to facilitate learning about the professional culinary industry, reinforcing basic cooking and serving competencies, and developing new skills specific to catering preparation and services. Students will practice the skills of controlling inventory, analyzing costs and sales, and operating a complete catering/restaurant business under the direction of the Family and Consumer Sciences Teacher. An opportunity to work in a Restaurant and Food Service job site is an option - preparing a student for an occupation by providing classroom as well as on-the-job training is a possibility per teacher approval.

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## VI. LANGUAGE ARTS

### ENGLISH 9

**Grade:** 9

**Year Credit:** 1

**Prerequisite:** None

**Note:** Required course for *all* 9th graders

The overall concentration of this course will cover the following language arts areas: reading literature and informational texts, narrative and expository writing, speaking in a variety of situations, and language with an emphasis on vocabulary and conventions. Students will develop strategies for reading comprehension and literary analysis skills. Writing focuses on development, strengthening, and publication.

### ENGLISH 10

**Grade:** 10

**Year Credit:** 1

**Prerequisite:** None

**Note:** Required course for *all* 10th graders

The overall concentration of this course will cover the four language arts areas of reading, writing, speaking, and listening. Students will develop daily reading and literary analysis skills; utilize process writing in the development of essays, poetry, analysis, and fiction; apply basic English skills to all written work; learn and apply listening skills to literary and factual presentations; plus, develop oral presentations within thematic units.

### ENGLISH 11

**Grade:** 11

**Year Credit:** 1

**Prerequisite:** None

**Note:** Required course for *all* 11th graders

The first semester will consist of the beginning of American literature through non-fiction, fiction, short stories, and drama. This will continue into second semester to modern American literature through novels and poetry. Emphasis will consist of: reading, in-class discussions, projects, writing analysis, and research paper writing skills.

### LITERATURE AND FILM

**Grade(s):** 10-12

**Semester Credit:** .5

**Prerequisite:** None

Students will read, examine and respond via class discussions, essays, and writing prompts to various classic novels in conjunction with critically viewing the film adaptations. The focus of the

course will be understanding, identifying, and examining then responding to various rhetorical devices including tone, syntax, diction, characterization, and symbolism employed by the author to enhance understanding and appreciation of various themes presented in the novel. Students will also respond in written and oral form to cinematic devices such as lighting, camera angle, and sound utilized by the director to interpret the novel under analysis. Persuasive writing techniques will be understood and applied by students in essays that offer a critical examination of which media form is superior when considering not only entertainment value but also cultural and societal relevance.

### **CREATIVE WRITING**

**Grade(s):** 11-12

**Semester Credit: .5**

**Prerequisite:** None

Through interesting and enjoyable writing activities, projects and experiments, students will explore and express through short stories, poems, essays, and drama their life experiences and interpretations. Students will use the process approach to writing in all of their compositions. Emphasis is placed on expressing unique experiences vividly, emotionally, and concisely to their experiences through descriptive writing which employs the use of all five senses. Peer editing and oral presentations are also important aspects of the class.

### **YOUNG ADULT LITERATURE**

**Grade(s):** 11-12

**Semester Credit: .5**

**Prerequisite:** None

This is a class for students who enjoy reading or want to get more practice with reading. The literature read in Young Adult Literature focuses on fictional texts written for a teen audience. We read mostly contemporary literature.

### **EXPRESSIVE LITERATURE**

**Grade(s):** 11-12

**Semester Credit: .5**

**Prerequisite:** None

This advanced communication course utilizes skills through both written and verbal forms of expression. Through this performance-based course, students will participate in both formal and informal speaking situations, create dramatic scenes, and analyze literature and film. Students will gain confidence and communication skills vital in society today. Skills that will be utilized include: listening, research, group discussions, group work, persuasion, logic, presentation techniques, self and peer evaluations, aspects of theater, and dramatic presentations.

\*This course does not qualify as a core requirement for NCAA eligibility.

## **ENGLISH LITERATURE**

**Grade:** 12

**Semester Credit:** .5

**Prerequisite:** None

The history of England and the development of the English language will be covered in this course. It will provide an overview of famous authors and their works from the Anglo-Saxon to the Modern Period.

## **ORAL INTERPERSONAL COMMUNICATION (FVTC) - L**

**Grade:** 12

**Semester Credit:** .5

**Prerequisite:** Has earned a "2" or better in English 9, 10, and 11 OR teacher recommendation.

**College Credit:** 3 FVTC

**Fee:** Course textbook and/or software may have to be purchased.

Oral/Interpersonal Communication is designed to help develop interpersonal and oral communication skills in your chosen career field. You will have the opportunity to develop necessary job-related skills such as the abilities to work as a team, to manage time effectively, to think critically, and to problem-solve.

\*This course does not qualify as a core requirement for NCAA eligibility

## **WRITTEN COMMUNICATION (FVTC) - L**

**Grade:** 12

**Semester Credit:** .5

**Prerequisite:** Has earned a "2" or better in English 9, 10, and 11 OR teacher recommendation.

**College Credit:** 3 FVTC

**Fee:** Course textbook and/or software may have to be purchased.

Written Communication teaches the writing process, which includes prewriting, drafting, and revising. Through writing assignments, students analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Class sessions and assignments involve giving oral presentations and using computers.

\*This course does not qualify as a core requirement for NCAA eligibility

### **CAPP ENGLISH 101 (UWO) - L**

**Grade:** 12

**Prerequisite:** Class rank of top 25% OR  
Cumulative GPA of 3.25+ OR ACT 24+ AND  
GPA 2.75+

**Fee:** Approximately \$150

**Semester Credit: .5**

**University Credit: 3 UWO**

The course focuses on writing process strategies and is designed to help students develop analytical writing skills and aptitude in critical editing and proofreading. Students will experience college-level reading, writing, researching, and discussing.

### **CAPP SPEECH - FUNDAMENTALS OF SPEECH (UWO) - L**

**Grade:** 12

**Prerequisite:** Class rank of top 25% OR  
Cumulative GPA of 3.25+ OR ACT 24+ AND  
GPA 2.75+

**Fee:** Approximately \$150

**Semester Credit: .5**

**University Credit: 3 UWO**

This course is an introduction to theory and practice of communicating in interpersonal and public speaking settings. Students will develop a critical analysis paper, participate in formal and informal speaking situations, and explore aspects of verbal and nonverbal communications

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## **VII. MATH**

*\*If signing up for an honors-level Math course, please seek instructor's guidance before enrolling.*

### **PRE-ALGEBRA**

**Grade:** 9

**Prerequisite:** Placed by 8th grade math teacher  
in collaboration with OHS teacher

**Note:** Calculator recommended

**Year Credit: 1**

This course is carefully sequenced to provide a smooth path from arithmetic to algebra. Basic geometry and statistics concepts are also explored. Students will review basic mathematical skills and be introduced to basic algebra and geometry skills to better prepare them for Algebra and Geometry courses. This Pre-Algebra course satisfies one high school credit for OHS. However, it is not recognized by most universities for college entrance.

## ALGEBRA

**Grade:** 9

**Year Credit:** 1

**Prerequisite:** Placed by 8th grade math teacher in collaboration with OHS teacher

**Note:** Graphing calculator recommended

This course presents solving equations, linear equations and inequalities, systems of equations in two variables, quadratic equations, polynomials, properties of exponents, and radical expressions. Students will learn how to represent many of these topics in multiple ways - as verbal descriptions, equations, tables, and graphs. Students will also learn how to model real-world situations using these topics in order to solve problems arising from those situations.

## HONORS ALGEBRA

**Grade:** 9

**Year Credit:** 1

**Prerequisite:** Placed by 8th grade math teacher in collaboration with OHS teacher

**Note:** Graphing calculator required

The content of Honors Algebra is organized around families of functions, with special emphasis on linear and quadratic functions. As students study each family of functions, they will learn to represent them in multiple ways: as verbal descriptions, equations, tables, and graphs. Students will also learn to model real world situations using functions in order to solve problems arising from those situations. In addition to its algebra content, the class includes lessons on probability and data analysis as well as numerous examples and exercises involving geometry.

## GEOMETRY

**Grade(s):** 10-12

**Year Credit:** 1

**Prerequisite:** Algebra

**Note:** Scientific or Graphing calculator required

The content of Geometry is organized around the properties of angles, triangles, quadrilaterals, circles, and 3D figures. Students will apply Geometric theorems while analyzing situations, proving statements, and solving problems. Areas of study will include: Geometric constructions, trigonometry, similarity, and transformations.

## HONORS GEOMETRY

**Grade(s):** 9-12

**Year Credit:** 1

**Prerequisites:** Algebra OR Honors Algebra OR teacher recommendation for 9th grade

**Note:** Scientific or Graphing calculator required

The content of Geometry is organized around the properties of angles, triangles, quadrilaterals, circles, and 3D figures. Students will apply Geometric theorems while analyzing situations,

proving statements, and solving problems. Areas of study will include: Geometric constructions, trigonometry, similarity, and transformations. The content of Honors Geometry is more rigorous and moves at an increased pace compared to Geometry.

## **ALGEBRA II**

**Grade(s):** 11-12

**Year Credit: 1**

**Prerequisite:** Geometry OR Honors Geometry

**Note:** Graphing calculator required

This course studies algebraic functions, specifically linear, quadratic, polynomial, power, logarithmic, and trigonometric. Students will determine domain, range, intercepts, and other special features of the functions. They will also evaluate, compose, graph and find inverses of these functions.

## **HONORS ALGEBRA II - L**

**Grade(s):** 10-12

**Year Credit: 1**

**Prerequisite:** Geometry OR Honors Geometry  
OR teacher recommendation

**Note:** Graphing calculator required

This course studies algebraic functions, specifically linear, quadratic, polynomial, power, logarithmic, and trigonometric. Students will determine domain, range, intercepts, and other special features of the functions. They will also evaluate, compose, graph and find inverses of these functions. The content of Honors Geometry is more rigorous and moves at an increased pace compared to Geometry.

## **COLLEGE MATHEMATICS (FVTC)**

**Grade(s):** 11-12

**Year Credit: 1**

**Prerequisite:** Geometry OR Honors Geometry

**College Credit: 3 FVTC**

**Note:** Graphing calculator required

**Fee:** Course textbook and/or software may  
have to be purchased

College Math is a class best suited for the student who is planning on attending a *technical college*. The course reviews concepts from Algebra, Geometry, Probability, and Statistics. This course reviews many concepts that are also helpful in taking the Accuplacer Test. For a student planning on attending a four-year college, College Math is NOT the best selection.

## **PRECALCULUS - L**

**Grade(s):** 11-12

**Year Credit: 1**

**Prerequisite:** Algebra II

**Note:** Graphing calculator required

Students who take this course will work with a wide variety of topics necessary to prepare themselves for college. Topics covered in this course include functions, trigonometry, statistics, and matrices. This course is intended to ensure a proper background for entrance into college.

## **HONORS PRECALCULUS - L**

**Grade(s):** 11-12

**Year Credit: 1**

**Prerequisite:** Honors Algebra II or Algebra II

**Note:** Graphing calculator required

Precalculus is an advanced mathematics course geared to prepare the student for calculus in college or AP Calculus. Studied are varied topics such as algebraic and transcendental functions, advanced graphing techniques, coordinate geometry, sequences, and limits. This course is recommended for students intending to study biological sciences, business, engineering, pharmacy, and physical sciences in college.

## **ADVANCED PLACEMENT (AP) CALCULUS AB - L**

**Grade(s):** 11-12

**Year Credit: 1**

**Prerequisite:** Honors Precalculus

**University/College Credit:** Based on AP exam score

**Note:** Graphing calculator required

**Fee:** \$90 - \$100 for the AP Exam Fee

AP Calculus is a college-level course offered with the potential for students to earn college credit upon completion of the course. Students will study the fundamental problems associated with calculus and the techniques used to approach them through the study of limits, derivatives, and integration. Upon completion of the curriculum, students will take the AP Exam which will determine if students have enough of the required calculus skills to earn college credit. This course is recommended for students intending to study biological sciences, business, engineering, pharmacy, or physical sciences in college. A graphing calculator is required for the AP Exam. For a list of acceptable calculators please refer to the [College Board website](#) for a current list of approved calculators.

## **WEB DESIGN**

**Grade(s):** 9-12

**Semester Credit: .5**

**Prerequisite:** Algebra

The web design class is an introductory level course designed to introduce students to the process of planning, designing, coding, and publishing web pages. Students will work with the WordPress editor and CodeHS to gain insight on the methods of creating and coding web pages.

Students will gain an understanding of the HTML5 code and will be able to use the coding methods to create interactive websites. Students will need to have daily access to a laptop with wireless in order to connect and publish their creations.

## **PROGRAMMING AND GAME DESIGN**

**Grade(s):** 10-12

**Semester Credit: .5**

**Prerequisite:** Algebra and Geometry

Computer programming is a fast growing field with tremendous potential. In this course we will examine the different types of programming languages and we will use several different types of gauges to create some basic to intermediate programs. Students will use Arduino to do simple tasks using coding. Through this course students will also learn how to design a game, plan the code needed for the game, and use a game editor to create simple video games. This course is project based so students will be assessed based on the completion of reports, flowcharts and functional programs and games.

## **PROGRAMMING AND GAME DESIGN II**

**Grade(s):** 10-12

**Semester Credit: .5**

**Prerequisite:** Programming and Game Design Or Game Design  
Or Introduction to Programming

This course is designed for students who have already completed the Programming and Game Design class. It is designed to be self driven, and the instructor will check in on students progress periodically. Designed for students with interest in computer science languages such as Python, Java, Javascript, Ruby on Rails, and C++. Recommended for students pursuing a career in coding, engineering, or computer science.

## **STATISTICS**

**Grade(s):** 11-12

**Semester Credit: .5**

**Prerequisite:** Algebra OR Honors Algebra

**Note:** Graphing calculator required

This statistics course is designed and highly recommended for the student who wishes to further their understanding of statistics. This course is exceptionally important to college bound students, as many degrees require a statistic course. With the increase of information available due to computers, the role of statistics in society has increased tremendously. After taking this course, you will become an informed consumer of statistical reports by providing written explanations, finding patterns, and making informed decisions.

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## VIII. MUSIC

### OMRO SINGERS - L

**Grade(s):** 9-12

**Year Credit: 1**

**Prerequisite:** None

This class is open to all OHS students interested in singing in a non-auditioned choir. Students will be expected to attend all rehearsals and performances throughout the year. This choir is designed to be a showcase of our Omro musical talent. Optional tours and trips will be announced throughout the year. Committed singers will better their skills through vocal technique, note-reading, sight-reading, and basic musicianship.

### WOMEN'S CHOIR (THE LADY FOXES)

**Grade(s):** 9-12

**Semester Credit: .5**

**Prerequisite:** None

- may take two semesters

This class is open to all OHS female students interested in singing in non-auditioned choir. Students will be expected to attend all rehearsals and performances throughout the year. This choir is designed to be a showcase of the wonderful harmony a female only choir can provide. Optional tours and trips will be announced throughout the year. Committed singers will better their skills through vocal technique, note-reading, sight-reading, and basic musicianship.

### MUSIC COMPOSITION AND ARRANGING

**Grade(s):** 9-12

**Semester Credit: .5**

**Prerequisite:** None

What do Phil Collins, Freddie Mercury, Paul McCartney, and Michael Jackson all have in common? Yes, they all are musical entertainers, but did you know they are also songwriters who have been inducted into the Songwriters Hall of Fame? In this class you will learn the basic skills of composing and arranging music. This will include learning some music theory, history, and knowledge of instruments/voice. Projects will include writing simple one-part melodies up to melodies with multiple parts including harmony, and using existing music to arrange it for a particular voicing/ensemble (ex: vocal quartet, jazz combo, percussion ensemble). A musical background is not necessary for this class but a willingness to try new ideas is. There may be opportunity to have your composition and/or arrangement performed by students involved in the band and/or choir. With the skills learned in Music Composition and Arranging you, too, could one day be added to the list of more than 400 members in the Songwriters Hall of Fame.

## **MUSIC THEORY**

**Grade(s):** 9-12

**Semester Credit: .5**

**Prerequisite:** None

This class is open to all high school students who desire a background in an overall study of music fundamentals. The course will include the study of basic music notation, chords and chord structure, rhythms, harmony, and will also give the student an opportunity to increase his/her listening skills. This class is available to those students who already may possess some skill in music theory and also for someone who wants to learn more about it. Choir and band students may want to supplement their knowledge of music through this course; however, students do not have to be a member of a performing group to become a member of this class.

## **MUSIC THEORY II - L**

**Grade(s):** 10-12

**Semester Credit: .5**

**Prerequisite:** Music Theory

This class is open to students who have already taken Music Theory. We will build on concepts already discussed in the first Music Theory course. We will go in-depth about tonicization and modulation, motive and sequences, chords, chord functions, overtones, acoustics and many more in this semester long course. We will be composing, listening to music as well as working on the aural skills needed for a musician in this day and age. Whether you intend on having music be a part of your profession or just a hobby, this class will help you become a better and more knowledgeable musician.

## **VARSITY CONCERT BAND - L**

**Grade(s):** 9-12

**Year Credit: 1**

**Prerequisite:** Must have prior instrumental experience

The concert band is the primary instrumental music performance group at OHS. The band performs annual winter and spring concerts, and participates in both Solo/Ensemble and Large Group festivals. This group also comprises the marching band and pep band. The marching band performs at football games and local parades throughout the year, including the summer. The pep band performs at school athletic events and pep rallies. Attendance at all performances is necessary for a successful performance. This class requires individual preparation of materials, self-motivation, and the willingness to work toward common goals for the benefit of the group.

## **JAZZ BAND**

**Grade(s):** 9-12

**Semester Credit: .5**

**Prerequisite:** Must have prior instrumental experience

Jazz Band is an opportunity for you to learn the history, style, and technique of jazz music through the use of your instrument. You will also learn the important jazz element of improvisation. Jazz Band may offer performance opportunities in the form of class presentations, clinicians, community concerts, and evening school concerts.

## **PERCUSSION ENSEMBLE/DRUM LINE**

**Grade(s):** 9-12

**Semester Credit: .5**

**Prerequisite:** None

This class is for the beginning, developing, or advanced percussion student and does not require an audition to participate. The Percussion Ensemble/Drumline will offer performance opportunities in the form of class presentations, indoor/outdoor shows, tours, Solo/Ensemble, clinicians, and concerts. Material to be covered will include creating original compositions. All players are expected to learn and demonstrate appropriate playing techniques and must be able to read notation on ALL percussion equipment, to include (but not limited to): snare drum, tonal bass drums, quads, cymbals, vibraphone, marimba, xylophone, congas, bongos, tambourine, woodblock, chimes, marching percussion, timpani, etc.

## **POP MUSIC THROUGH THE DECADES**

**Grade(s):** 11-12

**Semester Credit: .5**

**Prerequisite:** None

Pop Music Through The Decades will span the decades starting pre-Civil War (1860) to current day. We will explore the many different genres including: Gospel, Swing, Jazz, R&B, Country, Rock & Roll, Rock, Electronic, Rap, and much more! While discussion and listening to music we will learn about their individual styles, artists know for that genre, and the reasoning for why it became the way it is.

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## IX. PHYSICAL EDUCATION

*\*Towels, locks, and lockers will be furnished by the school. Proper physical education attire must be worn.*

### **PHYSICAL EDUCATION 9**

**Grade:** 9

**Semester Credit:** .5

**Prerequisite:** None

**Note:** Required for *all* 9th graders

Freshman Physical Education is a requirement for graduation. This class meets every day for one semester. The focus of Physical Education 9 is molding and sustaining appropriate attitudes, behaviors, habits and social interactions during a variety of physical activities and social settings. Leadership, communication, teamwork, cooperation, sportsmanship, and other necessary positive-behavior interactions are emphasized. How these interactions relate to day-to-day functioning in a social world is examined throughout the semester. Physical fitness is achieved through continual engagement of team based activities. Students will be analyzing their progress in an attempt to lead a healthy and active lifestyle.

### **PHYSICAL EDUCATION 10**

**Grade:** 10

**Semester Credit:** .5

**Prerequisite:** Has passed Physical Education 9

**Note:** Required for *all* 10th graders

Sophomore Physical Education is a requirement for graduation. Class meets every day for one semester. The focus of Physical Education 10 is learning, demonstrating, exploring, and creating a safe and proper exercise program to maintain or enhance a physically active lifestyle. Anatomy, biomechanics, kinesiology, and physiology terms and concepts are examined while analyzing techniques in weightlifting, plyometrics, agility, and cardiovascular exercise. Students will regularly set goals and track the progress of their fitness assessment results in logs. Students are assessed in physical performance demonstrations, written test, self-evaluations and ability to create workouts based off pretest results.

### **PHYSICAL EDUCATION 100 DUAL, INDIVIDUAL AND NET SPORTS/GAMES**

**Grade(s):** 11-12

**Semester Credit:** .5

**Prerequisite:** Has passed Physical Education 10

In this Physical Education elective, students are introduced to a wide variety of racquet sports and net-games that can be played beyond the school setting for a lifelong pursuit of activity. Badminton, pickleball, table tennis, deck tennis, and eclipse ball are the activities covered. During class, the students will be focusing on developing and enhancing game specific skills and

tactics in individual settings. While working with partners, proper communication, cooperation, and combining tactics will be emphasized. Much of the class is spent critiquing or evaluation personal, peer or professional performances, and adjusting tactics and strategies accordingly.

### **PHYSICAL EDUCATION 200 TEAM SPORTS**

**Grade(s):** 11-12

**Semester Credit: .5**

**Prerequisite:** Has passed Physical Education 10

Students taking this Physical Education elective class will be working with classmates while participating in a wide variety of team based games. Teamwork/cooperation will be examined and emphasized in order to accomplish the main objectives of invasion, team-based net, and striking and fielding games. Communication, team-focused preparation, formations/positioning and team-based tactics are articulated instead of personal ability or specific sport skills. Assessments of understanding are done through written work or by demonstration through participating in game scenarios.

### **PHYSICAL EDUCATION 300 TARGET GAMES**

**Grade(s):** 11-12

**Semester Credit: .5**

**Prerequisite:** Has passed Physical Education 10

Students are introduced to a variety of target-based games that get the individual physically active without the intensity of conventional sports. Archery, Bocce, croquet, Frisbee golf, ladder golf, horseshoes, washer toss, Shuffleboard, Kubb, Cornhole, and darts are just a few of the possibilities. Students will be analyzing and critiquing the structure of each games and how it fits into lifelong pursuits of staying physically active.

### **PHYSICAL EDUCATION 500 ADVANCED PERSONAL FITNESS - L**

**Grade(s):** 11-12

**Semester Credit: .5**

**Prerequisite:** Has earned a "2.5" or better in Physical Education 10

In this Physical Education elective course students taking this class will be working with the instructor to build an exercise plan to maximize their physical capabilities as well as their overall well being. The fundamental concepts explored in Physical Education 10 are utilized heavily in this class. Weight lifting, speed and agility workouts consisting of plyo boxes, ladders, hurdles, and agility course work are tracked. Kinesiological and physiological concepts are covered to aid the understanding of what is required and purpose of certain exercises. Time management techniques along with personal care concepts such as proper recuperation time are also covered. This course is very strenuous.

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## **X. SCIENCE**

### **PHYSICAL SCIENCE**

**Grade:** 9

**Year Credit: 1**

**Prerequisite:** None

The purpose of Physical Science is to understand the process of science. Students will solve problems by forming hypothesis, testing them, collecting and interpreting data to arrive at a conclusion, and communicating the results. Physical Science is an inquiry-based course that investigates the principles of chemistry and physics including matter, energy, chemical reactions, forces, and motion. Students will learn concepts through labs, group work, projects, and lectures with an emphasis on educational technology.

### **BIOLOGY**

**Grade:** 10

**Year Credit: 1**

**Prerequisite:** None

Biology is a required course for graduation from OHS and is generally taken sophomore year. Biology explores the complexities of life: biochemistry, dynamic cells, genetics, evolution, and ecology. Students will conduct experiments, explore the outdoors, demonstrate lab skills, make connections to innovative thinkings and develop science literacy skills.

### **EARTH AND SPACE SCIENCE**

**Grade(s):** 10-12 (9th grade students may enroll with instructor approval)

**Year Credit: 1**

**Prerequisite:** Physical Science

Earth and Space Science studies the dynamic nature of the Earth by applying the principles learned in Physical Science and Biology. In this course, we will examine formation of rocks, explore changes in gravity, and magnetism throughout the Earth and study the Earth and its cycles. In addition, we will examine the Earth's place in the solar system, discuss current theories involving space, and examine the impact that human nature has on the Earth by studying the concepts of sustainability and basic environmental science.

### **FAB LAB I**

**Grade(s):** 9 -12

**Semester Credit: .5**

**Prerequisite:** General computer skills are highly recommended. Priority will be given to seniors

Bring out the maker in you! This course is an introduction to personal fabrication in the Foxes Fab Lab. Students will use commercially available tools like a CNC router, mill, 3-D Printer, and

laser cutters. The lab features advanced computer software that allows you to cut, mill, and engrave prototypes. It allows you to build a concept, design, develop, fabricate, and test a working prototype. The lab will give you technological, problem solving, and hands-on-skills that will be desired by employers. Students will explore graphic design, computer aided design (CAD), electronics and entrepreneurship. You will be responsible for your own learning by setting high standards and doing your own work. Passing safety test required to participate in course.

## **FOOD SCIENCE**

**Grade(s):** 10-12

**Semester Credit: .5**

**Prerequisite:** Physical Science AND Food, Family and Society

Food Science is the study of producing, processing, preparing, evaluating, and using food. It is team taught by the Family and Consumer Sciences and Chemistry Teachers. This course will examine scientific principles related to food and how they can improve the lives of individuals and families. Course content will include physical and chemical principles that affect food through the cooking process and the food we consume. Emphasis will be placed on nutritional analysis, healthy diet and lifestyle considerations, and critical thinking. We will also consider technological advances in the food industry and career opportunities related to food science.

## **FORENSIC SCIENCE**

**Grade(s):** 11-12

**Semester Credit: .5**

**Prerequisite:** Physical Science AND Biology

Forensic Science explores the applications of science in the field of crime scene management from the crime scene to the courtroom and beyond. Students will focus on the examination and reconstruction of various crime scenes with the emphasis on the identification, collection, documentation and preservation of physical evidence. This class will include exposure to graphic images, and discussion.

## **ANATOMY AND PHYSIOLOGY**

**Grade(s):** 11-12

**Year Credit: 1**

**Prerequisite:** Has earned a "2.5" OR better in Biology or instructor's approval

The Anatomy and Physiology course is designed as an introduction to human anatomy and physiology. Students will explore developmental biology as well as each of the various systems of the body. The dissection of animals and parts of animals plays an important role in the study of these systems. Some diseases and disorders that affect the human body will also be discussed. Any student who has successfully completed Biology with a "2.5" and wishes to learn more about the human body may enroll. However, this course is designed to give students interested in a medical-related field (including Veterinary Science) more insight into the human

body. Additionally, this course is recommended, but not required, for any student interested in enrolling in Advanced Placement Biology (AP) as a senior.

## **CHEMISTRY I**

**Grade(s):** 11-12 (10th grade students may enroll with instructor approval)

**Year Credit: 1**

**Prerequisite:** Has earned a “2” or better in Algebra OR completion of Algebra II AND has earned a “2” or better in Physical Science

This laboratory-based course is primarily designed for the college bound student. It provides the student with necessary background for careers in science and medicine. Students will learn to name and write chemical formulas; predict the outcomes of chemical reactions; describe the structure, behaviors, and properties of matter and atoms; and use mathematics to convert chemical quantities and predict outcomes of reactions.

## **WATER INVENTIONS**

**Grade(s):** 11-12

**Year Credit: 1**

**Prerequisite:** General computer skills are highly recommended.

This capstone class integrates STEAM (Science, Technology, Engineering Art, and Math) through community-based invention projects and a partnership with MIT. Students will use hands-on skills and apply integrated STEAM knowledge while identifying problems in the Omro community to ultimately create useful and unique technological solutions – inventions. The capstone class will be co-taught by a science and a technology teacher. The first semester will focus on identifying and sensing problems in the community. The Fox River and water issues offer an excellent laboratory for problem identification. The second semester will focus on building solutions that may be categorized as “Internet of Things” inventions. This capstone class will culminate in a showcase of the inventions with community participation. Students with diverse skill sets and STEAM interests are strongly encouraged to enroll in this challenging yet fun learning experience. Females are encouraged to sign up for this class in order to meet our goal of a gender equitable class.

## **CHEMISTRY II - L**

**Grade(s):** 11-12

**Year Credit: 1**

**Prerequisite:** Has earned a “2.5” or better in Chemistry I AND completion of Algebra II/ Honors Algebra

This laboratory-based course is a continuation of Chemistry I. Students interested in a career in healthcare or any branch of engineering or environmental studies should strongly consider this course. Students will expand upon the skills and knowledge gained in Chemistry I. New topics

include gas laws, enthalpy, bond theory, redox reactions, equilibrium, intermolecular forces, and introductory organic chemistry.

### **PHYSICS - L**

**Grade(s):** 11-12

**Year Credit: 1**

**Prerequisite:** Has earned a "2.5" or better in Physical Science AND has earned a "2.5" or better in Honors Algebra 2 OR Precalculus concurrent

This course is designed to acquaint the student with principles of the physical world. Topics covered may include: one-dimensional motions, two-dimensional motion, forces, energy, momentum, waves, electricity and magnetism, light, optics, and electronic circuits. Physics is recommended for any student planning on a college major in mathematics, medical fields, engineering, or any of the physical sciences.

### **ADVANCED PLACEMENT (AP) BIOLOGY - L**

**Grade(s):** 11-12

**Year Credit: 1**

**Prerequisites:** Has earned "3" in Biology AND Chemistry I. Anatomy and Physiology is highly recommended and can be taken at the same time

**University/College Credit:** Based on AP exam score

**Fee:** \$90-\$100 for the AP Exam Fee

AP Biology is an introductory college-level biology course. A national test given in May determines eligibility for college credit. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, genetics, information transfer, ecology, and interactions. Students will also develop scientific skills including, data collection and analysis, using models to represent phenomenon, writing scientific arguments, and applying mathematics to investigations. Strong math, study, and time-management skills are a must for success in this challenging and fast-paced course. Teacher approval is required for enrollment.

### **INTRODUCTION TO ENGINEERING**

**Grade(s):** 10-12

**Year Credit: 1**

**Prerequisite:** Algebra. Experience in computers/programming is recommended

Students in the course learn about opportunities in various engineering fields and experience how engineers improve people's lives. This course demonstrates how upper level math and science are applied in the real world. Students will learn engineering principles using a systems-based approach and creative design. A variety of engineering fields will be explored: environmental, mechanical, structural, biological, civil, and others, as time permits. Projects may

include three-dimensional printing, AutoCAD, energy, flight, renewable energy, fluid mechanics, Arduino processors, and electromagnets.

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## **XI. SOCIAL STUDIES**

### **UNITED STATES HISTORY**

**Grade:** 9

**Year Credit: 1**

**Prerequisite:** None

This year-long course will begin with the 1920's and continue to the present. The big idea behind this course is to gain an understanding that history is not a lifeless entity. Rather, it is something that is alive and has real relevance and application for the here and now as well as the future.

### **WORLD HISTORY**

**Grade:** 10

**Year Credit: 1**

**Prerequisite:** None

This year-long course is designed to have students explore, examine, evaluate, and assess how civilizations develop over time and space. A variety of civilizations, movements, events, and themes spanning from the beginning of civilization through modern day will be covered.

### **CIVICS**

**Grade(s):** 11-12

**Year Credit: 1**

**Prerequisite:** None

The focus of this year-long course will be on the structures, history, and functions of American Government, a citizen's responsibilities, and comparative government styles in the United States and around the world. Domestic and international political conflicts, rights and liberties, and major current issues will also be addressed and debated.

### **CURRENT EVENTS**

**Grade(s):** 9-12

**Semester Credit: .5**

**Prerequisite:** None

The focus of this semester-long course will be on investigating the current issues in the world today. Participation in debates, guided research, discussions, and various technology-driven projects are staples of this course.

## **SCANDALS AND CONSPIRACIES IN HISTORY**

**Grade(s):** 9-12

**Semester Credit: .5**

**Prerequisite:** None

This semester-long course focuses on student-driven investigations of various conspiracies and scandals throughout history. Acting as a historical detective, mysteries of exploration may include: John F. Kennedy assassination, existence of alien life, 9/11, Operation Valkyrie, and free choice topics.

## **EXPLORING CRIMINAL JUSTICE**

**Grade(s):** 10-12

**Semester Credit: .5**

**Prerequisite:** None

The focus of this semester-long course will be to explore the Criminal Justice system in America. Students will explore various aspects of criminal justice, including laws and rights, trial procedures and processes, crime, the police and modern policing, and issues in criminal justice today.

## **HISTORY OF WAR AND MILITARY SCIENCE**

**Grade(s):** 10-12

**Semester Credit: .5**

**Prerequisite:** None

The focus of this semester-long course is the analysis of the political, sociological, technological, and psychological aspects of war. Narrowly defined facets of military conflict and war will be examined in detail. Particular emphasis will be placed on leadership. Guest speakers and field trips are also used as enrichment.

## **INTRODUCTION TO SOCIOLOGY**

**Grade(s):** 11-12

**Semester Credit: .5**

**Prerequisite:** None

This semester-long course is designed primarily for the college-bound student and will explore the history and meaning of sociology with emphasis on critical societal issues and social problems. Many facets of society will be introduced and examined, with a class emphasis on independent projects and research. Recommended to be taken the semester before or after Introduction to Psychology.

## **HUMAN CONDITION - L**

**Grade(s):** 10-12

**Semester Credit: .5**

**Prerequisite:** None

What makes us who we are and what we may become? This semester-long course is primarily focused on anthropology and philosophy. Paleontology and archaeology will also be examined.

Samples of units that may be covered are as follows: How We Discover the Past, Age of the Dinosaurs and Sea Monsters, The Future is Wild, Walking with Cavemen, Applied and Practiced Anthropology/Archaeology, Deep Ancestry, Primitive Cultures and Cannibalism, and Descartes' Meditations. Hands-on lab work is a staple throughout. This course is geared toward the college bound student.

### **INTRODUCTION TO PSYCHOLOGY - L**

**Grade(s):** 11-12

**Semester Credit: .5**

**Prerequisite:** None

As introduction to broad field psychology, this course will provide a deeper understanding of human behavior and the approaches psychology takes in understanding humanity and society. Recommended in the semester before or after Introduction to Sociology.

### **ADVANCED PLACEMENT (AP) WORLD HISTORY MODERN- L**

**Grade (s):** 11-12

**Year Credit: 1**

**Prerequisite:** Class rank of top 25% OR cumulative GPA of 3.25+ OR ACT 24+ AND GPA 2.75+

**University/ College Credit:** Based on AP exam score

**Fee:** \$90-\$100 for the AP Exam Fee

This year-long, college-level course is designed to help students develop an understanding of the history of the World from 1200 CE to the present. New for 2019 is the removal of ancient history from the AP course. This change ensures a more focused approach, so students may take a deeper look at historical trends and develop the skills necessary to succeed in college. This course requires students to investigate the content of world history for significant events, individuals, developments, and processes over time. This course will have students develop writing skills necessary for the college level. This course will also require the ability to read a college-level textbook and dedication to time outside of class for reading, review, and practice exams.

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## **XII. TECHNOLOGY EDUCATION**

### **WOOD TECHNOLOGY**

**Grade(s):** 9-12

**Semester Credit: .5**

**Prerequisite:** None

**Fee:** \$15

Wood Technology is a course designed to provide insights into the woodworking industry and to provide students with the opportunity to learn how to work with wood. The course will include

units in industrial woodworking processes, machine operation and safety, tool use and safety, careers, and the mechanics involved in working with woods (joints, gluing, blueprint reading, measurement, product design, quality control, finishing and special processes). Students will manufacture wood products using industrial concepts.

### **CONSTRUCTION**

**Grade(s):** 9-12

**Semester Credit: .5**

**Prerequisite:** Wood Technology

**Fee:** \$15

Construction is a course designed to familiarize the students with the basic concepts of the building construction industry. Planning the project, building the project, construction material, career opportunities, tool and equipment use, safety, and work ethics will be included. Practical application will include the construction of a scale model home.

### **ENERGY AND TRANSPORTATION**

**Grade(s):** 9-12

**Semester Credit: .5**

**Prerequisite:** None

**Fee:** \$15

This course will provide awareness and experimentation in the area of Energy and Transportation. Units that will be covered in Energy are: mechanical, electrical, thermal, solar, chemical, nuclear, hydraulic, and pneumatic systems. Transportation (moving people and products) will include units in internal combustion engines, small engines, and the three transportation modes: land, water, and air. The students will also design, fabricate and troubleshoot a mechanism using the six simple machines.

### **ADVANCED ENERGY AND TRANSPORTATION**

**Grade(s):** 11-12

**Semester Credit: .5**

**Prerequisite:** Energy and Transportation OR  
instructor's approval

**Fee:** \$15

This course will enable students to advance their skills and knowledge in the area of energy and transportation. Advanced areas of interest will be contracted between the student and instructor. There will be research work, homework, and other interesting activities in order to complete the course.

## **GIRLS IN THE SHOP**

**Grade(s):** Females, 9-12

**Semester Credit: .5**

**Prerequisite:** None

**Fee:** \$15

Girls will gain confidence in the shop as they participate in hands-on learning using a variety of manufacturing equipment from the Welding & Fabrication program to produce a finished take-home project. Units of study will include basic home repairs, electrical and plumbing, welding, metal fabrication, woodworking, and print reading.

## **MANUFACTURING MATERIALS AND PROCESSES**

**Grade(s):** 9-12

**Semester Credit: .5**

**Prerequisite:** None

**Fee:** \$15

Manufacturing Materials and Processes is a course designed to familiarize students with the materials and the processes used in producing products. Students will learn about how materials are obtained, processed, and manufactured. Student activities will include: welding, metal machining, metal casting (foundry), measurement, layout, plastics, fastening, Computer Numerical Control (CNC) machining, material testing, and related career opportunities. Emphasis areas will include machining, metal casting and plastics.

## **WELDING TECHNOLOGY I**

**Grade(s):** 9-12

**Semester Credit: .5**

**Prerequisite:** None

**Fee:** \$15

Welding Technology is a semester course designed to familiarize students with welding processes and techniques, gas cutting and related career opportunities. Students will learn to gas, arc, wire and heli-arc weld, gas cut, read blueprints, understand joint design and metal properties, select proper electrodes required for the job, maintain equipment and work safety. Career opportunities will be emphasized throughout the program.

## **WELDING TECHNOLOGY II**

**Grade(s):** 10-12

**Semester Credit: .5**

**Prerequisite:** Welding Technology I

**Fee:** \$15

Welding Technology II is a semester course designed to further extend student understanding of skills in welding and related processes. Students will learn to use shielded metal arc, gas metal arc and tungsten metal arc processes. Both gas and plasma cutting will be taught. Joint design, weld print reading, and metal properties will be explored. Work safety and career

opportunities will also be emphasized throughout the course. This course is highly recommended for students who are interested in manufacturing someday. In this course students will apply learning by designing a proposal and creating a grill for Project G.R.I.L.L., which stand for Growing Readiness in Learning and Leading, a program designed to introduce high school students to the career opportunities available in manufacturing.

### **MANUFACTURING PRODUCTION**

**Grade(s):** 9-12

**Semester Credit: .5**

**Prerequisite:** Wood Technology OR instructor's approval

**Fee:** \$15

This course is designed to give students insight into the challenging world of manufacturing production. The course will cover strategy in production of products in industry. Manufacturing systems, historical development, manufacturing processes, economics, and business organization units in industry will be studied. Products will be mass produced from various materials. Some of the areas the students will have the opportunity to learn about are; layout and design, math and measuring, cutting and machining, laminating, fastening, and manufacturing careers.

### **INTRODUCTION TO SOLIDWORKS**

**Grade(s):** 11-12

**Semester Credit: .5**

**Prerequisite:** Manufacturing Materials and Instructor's Approval

**Fee:** \$15

This course will introduce the students to the basics of the SolidWorks (drafting) software. Close attention will be paid to properly navigating the interface. Sketching, dimensional and geometry constraints, part modeling, drawing creation, and assembly modeling will all be examined.

### **ADVANCED MANUFACTURING**

**Grade(s):** 11-12

**Semester Credit: .5**

**Prerequisite:** Any of the following courses: Manufacturing Materials & Processes, Wood Technology, Manufacturing Production OR instructor's approval

**Fee:** \$ 15

This course enables students to enrich their knowledge and skills in the manufacturing area. Advanced topics are contracted between student and instructor and graded upon completion. Successful completion of this course requires research work that must be developed into a useful, tangible result. Values, attitudes, and responsibility are necessary for a student to

participate in this teacher/student contract. Contracts could include working with welding, machining (CNC Machining), casting, hydraulics, or plastics.

### **WELDING/METAL FAB INTRO AND SAFETY (FVTC)**

**Grade(s):** 9-10

**Prerequisite:** None

**Fee:** \$ 15

**Semester Credit: .5**

**College Credit: 1 FVTC**

This course provides instruction in welding and metal fabrication safety. Students will identify environmental work and personnel hazards common with the industry and proper personal protection methods. Students will also perform common tasks essential to utilization of the welding and metal fabrication lab.

### **WELD PRINT READING (FVTC)**

**Grade(s):** 10-11

**Prerequisite:** Weld/Metal Intro and Safety

**Fee:** \$ 15

**Semester Credit: .5**

**College Credit: 1 FVTC**

This course provides practice in reading shop drawings. Topics include orthographic projection, auxiliary views, revolved sections, surface and centerline relationships, isometric drawings, scale drawing, and tolerances.

### **WELD SYMBOLS (FVTC)**

**Grade(s):** 10-11

**Prerequisite:** Weld/Metal Intro and Safety

**Fee:** \$ 15

**Semester Credit: .5**

**College Credit: 1 FVTC**

In Weld Symbols students to interpret detailed weld symbols using the American Welding Society standard.

### **GAS METAL ARC WELDING (GMAW) TECHNIQUES I (FVTC) - L**

**Grade(s):** 11-12

**Co-requisite:** Weld/Metal Intro and Safety

**Fee:** \$ 15

**Semester Credit: .5**

**College Credit: 2 FVTC**

This course demonstrates welding on steel sheet metals and plates. Emphasis is placed on axial spray, pulse spray, and short circuit mode of transfer. Upon completion of this course, the student will be able to weld in all positions, read basic weld symbols, and have an understanding of written welding procedures.

## **SHIELDED METAL ARC WELDING (SMAW) TECHNIQUES I (FVTC) - L**

**Grade(s):** 11-12

**Co-requisite:** Weld/Metal Intro and Safety

**Fee:** \$ 15

**Semester Credit:** .5

**College Credit:** 2 FVTC

SMAW covers the process commonly known as stick welding. Upon completion of this course, the student will be able to weld in all positions, read some basic weld symbols, and have a basic understanding of written welding procedures.

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## **XIII. VOCATIONAL**

### **PUBLICATIONS**

**Grade(s):** 10-12 (9th grade with instructor approval)

**Prerequisite:** None

**Note:** Student can take this course multiple years for credit each year

**Year Credit:** 1

This course will focus on the publication of two things: Inside the Fox Den, a district-wide newspaper, and The Omro Annual Review, the school's yearbook. Students will be expected to attend events outside of the regular school day to take photos, conduct interviews, sell ads, and do research. It will emphasize skills in interviewing, photography, and news and feature writing. This class covers the basics of desktop publishing and design through the use of Yearbook Avenue and Adobe InDesign. Dedicated work habits and time management are essential.

### **INDEPENDENT LIVING**

**Grade(s):** 10-12

**Prerequisite:** None

**Note:** This is a required course for *all* students

**Semester Credit:** .5

Life today offers more choices than ever before. Independent living is one of life's greatest adventures that is waiting for each of our students. Ahead of you are opportunities to make decisions that will shape the future. Class units will include: exploring careers, securing and maintaining employment, money management and financial decisions, using decision making skills to make healthy decisions regarding personal health, and consumer skills to help make wise choices regarding housing, transportation, food and clothing selections. Guest speakers, financial simulations, and conducting a job shadow are key features of this course.

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## **XIV. WORLD LANGUAGE**

### **SPANISH I**

**Grade (s):** 9-12

**Year Credit: 1**

**Prerequisite:** None

Spanish I has an oral emphasis based on basic sentences and question structures and the use of present tense, regular and irregular verbs. Students will discuss likes, dislikes, school, personal descriptions, travel, food, clothing, family, and weather. Students will learn about the cultural similarities and differences based on the theme of the unit. A variety of projects will be incorporated into each unit.

### **SPANISH II**

**Grade (s):** 9-12

**Year Credit: 1**

**Prerequisite:** Spanish I OR instructor approval

Spanish II is a continuation and expansion of the skills used in Spanish I. Oral emphasis will be placed on: the homes, television and movies, Mexican foods and restaurants, environment, health, community living, leisure activities and celebrations. Structural focus will include the use of the preterite, commands, direct/indirect object pronouns and present progressive. How the various Latin celebrate holidays, including family gatherings and food preparation will be discussed, as well as architectural influences, health care options, television and movie options, differences in diet, and environmental responsibility. Various skits, dialogues and projects will be incorporated in the various units.

### **SPANISH III**

**Grade (s):** 11-12

**Year Credit: 1**

**Prerequisite:** Spanish II

Spanish III begins with a review of Spanish I and II. The oral emphasis this year will include daily routines, using the reflexive tense, leisure activities, clothes and shopping, school, childhood, holidays, possessions, discussing events in the past using the preterite and imperfect tenses, and giving and receiving verbal directions, and using the future tense. Students will be able to compare and contrast through verbal and written skills. Reading and comprehension skills are reinforced through practical application. Cultural differences in attitudes toward the oral topics will be explored through a variety of media. Student will also study various artists and writers.

## **SPANISH IV - L**

**Grade (s):** 11-12

**Year Credit: 1**

**Prerequisite:** Spanish III

The oral emphasis in Spanish IV focuses on spontaneous communication between student with student and student with instructor. Students will express their opinions and feelings using past tenses, the future tense, the perfect tenses, and the subjunctive mood. They will be able to discuss illnesses and health concerns, television and movies, Spanish foods, how to make travel preparations, occupations, and outdoor activities. Readings from additional sources will be included. All concepts will be reinforced through paragraph and short essay writings. Students will also create dialogues, skits and other projects to demonstrate understanding. Cultural focus is placed on the different Spanish speaking countries, and the important political and historical events that shape them today. These will be explored through a variety of media and research.

## **SPANISH V - L**

**Grade (s):** 11-12

**Year Credit: 1**

**Prerequisite:** Spanish IV & instructor Approval

Spanish V has the students working more independently. Student will reinforce grammar concepts learned in Spanish I, II, III and IV, and will use the conditional tense, subjunctive mood, perfect tenses, and more complex sentence structures. Cultural focus will be on Spanish literature and movies based on historical events. Students will also reinforce all concepts through paragraphs, short essays, and research papers.