

# 2020-2021

Elkhorn High School  
Elkhorn North High School  
Elkhorn South High School  
Curriculum & Planning Guide



Elkhorn High School  
1401 Veterans Drive  
Elkhorn, NE 68022  
(402) 289-4239  
CEEB code: 280-755



Elkhorn North High School  
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Omaha, NE 68116  
(xxx) xxx-xxxx  
CEEB code: xxx-xxx



Elkhorn South High School  
20303 Blue Sage Parkway  
Omaha, NE 68130  
(402) 289-0616  
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District Website  
[www.elkhornweb.org](http://www.elkhornweb.org)

\*Click on section of interest in the Table of Contents to go directly to the page.

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# **DISTRICT INFORMATION**

Elkhorn Public Schools (EPS), located on the west edge of the Omaha Metro area, is a rapidly growing, suburban school district currently serving over 10,000 students. EPS offers cultural and educational advantages of the city, while still maintaining the qualities of a smaller community, and the District takes pride in the achievements of its students and the dedication of its staff.

EPS has earned a reputation for a strong academic presence and maintains a culture of continuous improvement by continually raising the bar for all students. Because of that, EPS students consistently score well above state and national averages on standardized assessments.

## **Mission Statement**

Elkhorn Public Schools unites students, families, educators, and the community to ensure a challenging and enriching academic environment that inspires students to develop the knowledge and skills necessary to become responsible citizens and lifelong learners.

## **Governing Principles**

The Elkhorn Public Schools believes:

- ❖ Each student is a unique learner.
- ❖ The value of human diversity is recognized and respected.
- ❖ High quality educators and staff members are the foundation of the fulfillment of our mission.
- ❖ Respect of self and others is essential.
- ❖ Quality education provides the foundation for life-long learning.
- ❖ Education is a shared responsibility of the Elkhorn Learning Community, which consists of students, family, school district personnel and the community.
- ❖ The Elkhorn Learning Community provides a safe environment that nurtures, challenges and encourages each student to reach full potential.
- ❖ The Elkhorn Learning Community is committed to the development of each student's personal, social, intellectual, emotional, and physical growth.
- ❖ The Elkhorn Learning Community equips each student with the necessary skills to become a productive and responsible citizen.
- ❖ The Elkhorn Learning Community is committed to continuous improvement for the benefit of each student.

## **Notice of Nondiscrimination**

It is the policy of Elkhorn Public Schools not to discriminate on the basis of sex, race, color, religion, veteran status, national or ethnic origin, marital status, age, disability, genetic information, pregnancy, childbirth, or related conditions, or any other category protected by law in its education programs, administration, policies, employment or other district programs.

The following person has been designated to handle inquiries regarding non-discrimination:

Dr. Don Pechous, Exec. Director of Personnel, 20650 Glenn Street, Elkhorn, NE 68022, 402-289-2579.

## **GRADUATION REQUIREMENTS**

The following chart shows graduation requirements and college admission requirements. It is important to check with the student's colleges of interest to ensure additional or specific coursework is not required for admission. One credit is granted for each semester course that meets each day. Board policy requires a student to maintain a full class load, so the majority of students will far exceed the minimum graduation requirements.

	<b>Graduation Requirements</b>	<b>Typical 4-Year University Admission Requirements</b>
<b>ENGLISH</b>	8 credits	8 credits
<b>MATH</b>	6 credits (must include Algebra I sem 2)	6 credits (most colleges expect 8 credits)
<b>SCIENCE</b>	6 credits (2 Biology)	6 credits
<b>SOCIAL SCIENCE</b>	6 credits (2 Amer. History and 1 Civics or AP American Government)	6 credits
<b>PHYSICAL EDUCATION</b>	2 credits	NA
<b>FINANCIAL LITERACY</b>	1 credit	NA
<b>FOREIGN LANGUAGE</b>	NA	4 credits of the same language
<b>TOTAL CREDITS</b>	42	

All students will register for courses during the spring of each year. The master schedule is built on the basis of student registration requests, teachers, and administration input. Families need to make thoughtful choices at registration, as classes fill quickly and changes later may not be possible.

A Drop/Add opportunity is held in August and December, however changes will be limited to availability of another comparable course and may require administrative approval.

Additionally, students may drop year-long courses if they have failed the first semester or if it is the teacher's recommendation. Classes dropped after the first week into the new semester will receive a grade of a 5.

Courses may be retaken, with the permission of a counselor or administrator, but the credit received will count only one time, with the highest grade used to figure G.P.A.

# **ACADEMIC RECOGNITIONS & GRADUATION HONORS**

## **Honor Roll**

Honor Roll is computed at quarter and at semester. A 3.25 GPA is needed to earn honor roll recognition. Students are recognized at an Honors Convocation after 1st, 2nd, and 3rd quarter.

## **Academic Letter**

A 3.75 GPA for the current year only will earn a student Academic Letter recognition. Students receive academic letters for the previous year in the fall at the National Honor Society Induction ceremony.

## **National Honor Society**

Juniors and seniors with a cumulative GPA of 3.5 or higher are eligible for membership into their respective high school's chapter of National Honor Society. Candidates are evaluated on the basis of the four standards of membership: scholarship, service, leadership, and character by the members of the Faculty Council.

Academically eligible students will be invited to an informational meeting late in August to obtain information regarding membership requirements. All forms and additional information is available on the school website under Activities. Students who submit the necessary forms will be notified by mail as to selection status. Those students who are selected as members will be inducted in mid-September – specific dates will be announced.

## **National Merit Recognition**

The mission of National Merit Scholarship Corporation (NMSC) is to recognize and honor the academically talented students of the United States. NMSC accomplishes its mission by conducting nationwide academic scholarship programs. Qualifications to earn National Merit recognition is based on a student's performance on the PSAT exam taken during **JUNIOR** year. Students are notified in the fall of senior year if they earn a qualifying score. The qualifying score index changes yearly and is state-based. There are two categories awarded: semi-finalist and commended. Semi-finalists continue in the competition, commended students do not. Sophomores are also encouraged to take the PSAT test as a practice in order to be prepared for junior year when it counts for the competition. See your counselor if you have questions or visit the National Merit website for more information (<http://www.nationalmerit.org/>).

## **AP Scholars**

The AP Program offers several AP Scholar Awards to recognize high school students who have demonstrated college-level achievement through AP courses and exams. Although there is no monetary award, in addition to receiving an award certificate, this achievement is acknowledged on any AP Grade Report that is sent to colleges the following fall. There are various levels of recognition if students have taken at least 3 exams earning at least a grade of 3. Visit [www.collegeboard.org](http://www.collegeboard.org) for more information.

## **President's Award for Educational Excellence:**

Seniors with a 3.5 cumulative GPA after 7 semesters and earning an ACT Reading score of 28 or an ACT Math score of 26 will earn this award at Honors Night in May.

## **Omaha World Herald Scholars:**

The Omaha World Herald recognizes students throughout the state for academic achievement. Students with an ACT of 32 or better or an SAT of 2120 or better are nominated for the All-State Academic teams. Students are featured in a special feature section in May.

## Graduation Honors

- **Honor Cord**

Students earning a 3.25 cumulative GPA at the end of senior year will be recognized as graduating with honors and will receive a gold cord to wear at the ceremony.

- **ACHIEVE**

ACHIEVE celebrates students who engage in academically rigorous coursework while maintaining balance in other areas of interest within our schools and community. Graduating seniors who achieve the designated criteria and submit a completed application will be recognized as ACHIEVE Award recipients who will wear a special honor cord during the graduation ceremony and will receive the ACHIEVE monetary award. Minimum criteria include strong grades in at least 4 AP classes, taken a minimum of two AP Placement Final Exams at the completion of the course, 2 years of extra-curricular involvement, and 50 volunteer hours. Visit [www.elkhornfoundation.org](http://www.elkhornfoundation.org) for information and the application.

- **National Honor Society**

National Honor Society students in good standing will be recognized at graduation and will receive an NHS stole to wear at the ceremony.

- **Top 5%**

Students ranked in the top 5% of the class will be recognized during the graduation ceremony. Each high school does not recognize a class valedictorian. This will be recognized until graduation with the class of 2021. Beginning with the graduating class of 2022, top 5% will be replaced with recognition of ACHIEVE recipients.

# GRADE POINT AVERAGE (G.P.A.) CALCULATION WORKSHEET

## GRADING SCALE

Grade	Percentage
1	93-100%
2	85-92%
3	78-84%
4	70-77%
5	0-69%
Pluses and minuses do not affect GPA	

## QUALITY POINTS USED FOR GPA COMPUTATION

Standard	Weighted*
1 = 4 points	1 = 5 points
2 = 3 points	2 = 4 points
3 = 2 points	3 = 3 points
4 = 1 point	4 = 1 point
5 = 0 points	5 = 0 points
*Class rank is determined using weighted GPA	

### NOTE:

Each high school weights grades for AP classes only; not honors classes. If a student transfers with weighted grades, only AP classes will remain weighted for GPA purposes. Students must have earned a 1, 2, or 3 to earn the weighted grade. All other transfer grades will use standard quality points to determine GPA.

## GPA COMPUTATION EXAMPLES

### Example A

CLASS	GRADE	CREDIT	QUALITY POINTS (credit x quality points)
American History	1	1	4
Honors PreCalculus	2	1	3
AP English Lang	1+	1	5
Spanish III	1	1	4
Chemistry	2	1	3
AP Biology	4	1	1
Study Hall	NA	0	0
<b>Total</b>		<b>6</b>	<b>20</b>

$$\text{GPA} = 20/6 = 3.33$$

### Example B

CLASS	GRADE	CREDIT	QUALITY POINTS (credit x quality points)
Sociology	1	1	4
AP Calculus AB	1	1	5
AP English Lit	1+	1	5
Spanish IV	1	1	4
Concert Choir	1	1	4
Weight Lifting	2	1	3
AP Biology	2	1	4
<b>Total</b>		<b>7</b>	<b>29</b>

$$\text{GPA} = 29/7 = 4.14$$

# **CAREER AND COLLEGE PLANNING**

## **Post-Secondary Planning Websites**

Planning for the future can be overwhelming. The following websites have a multitude of timely information that will be helpful in the planning process.

- **NAVIANCE (SEE MORE INFORMATION BELOW)**
- **<http://www.nebraskacareerconnections.org>**: provides education and career planning resources
- **[www.educationquest.org](http://www.educationquest.org)**: information on creating an activities resume, a financial aid estimator, college planning tips, and scholarship searches
- **[www.actstudent.org](http://www.actstudent.org)**: register for the ACT test, practice questions, and college planning resources
- **[www.collegeboard.org](http://www.collegeboard.org)**: register for the SAT test, practice questions, and college planning resources

## **AP Courses**

The College Board's Advanced Placement (AP) courses are college-level classes in a wide variety of subjects that students can take while still in high school. They offer challenging course work and a taste of what college classes are like. Visit **[www.apcentral.collegeboard.org](http://www.apcentral.collegeboard.org)** for more information on AP courses, tests, and college credit and transferability.

The following AP courses are offered:

- |  |                                    |
|--|------------------------------------|
| ▪ AP English Language/Composition (11th grade)   | ▪ AP United States History         |
| ▪ AP English Literature/Composition (12th grade) | ▪ AP Psychology                    |
| ▪ AP Calculus AB                                 | ▪ AP US Government and Politics    |
| ▪ AP Calculus BC                                 | ▪ AP World History                 |
| ▪ AP Statistics                                  | ▪ AP Japanese Language and Culture |
| ▪ AP Biology                                     | ▪ AP Spanish Language and Culture  |
| ▪ AP Chemistry                                   | ▪ AP French Language and Culture   |
| ▪ AP Physics 1                                   | ▪ AP Computer Science A            |

## **Dual Enrollment Courses**

Dual enrollment courses vary between due to teacher credentials. See school websites for current offerings.

## **Naviance**

Naviance is a comprehensive website that students and parents can use as a tool in planning for the future. This is a free website to students provided by the Elkhorn Public Schools. Visit the counseling center website for the direct link to Naviance. Students' **user name** and **password** are the same as the students' user name and password used to log in to the school computer.

Some features to explore are available under the **College, Career, and About Me tabs**:

- **"Do What You Are" personality assessment**: Students complete a self-discovery assessment and receive useful personality type information as well as individual suggestions for careers and college majors.
- **Career Interest Profiler**: This is a tool that can help you discover the types of work activities and careers that match your interests.
- **College Lookup**: This research tool provides comprehensive information on thousands of colleges. In addition to general information and admission information, further data is presented on academics, cost and financial aid, student body characteristics, extra-curricular and athletic programs, and a link to the college website.
- **College Search**: Enter criteria such as size, location, cost, and availability of specific majors and get a list of colleges that meet the criteria.
- **Scholarships**: Naviance is the tool used by the counseling center to communicate information on available scholarships. Seniors should check Naviance weekly for updates.
- **Resume Builder**: Using the Resume Builder, you can tell everything about yourself. Then, it will rearrange your information into multiple printable versions that you can use for whatever you need!



## **Omaha Exploring Posts**

Omaha Exploring Posts are a career education program for students ages 14-20. The Exploring program gives participating individuals the chance to explore a variety of career paths with local businesses and organizations in the Omaha area. Students are able to receive specific information on what it takes to get into a career, as well as hands-on instruction by local professionals in a variety of career areas. Visit [www.omahaexploring.org](http://www.omahaexploring.org) for information and to register.

## **Playing Sports in College**

College athletic websites have student-athlete questionnaires for interested students to complete during 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> grade. This is a good way for a high school student to communicate interest in being considered for the college's athletic program.

- **Division I or II**

Students interested in playing at a Division I or II college must register with the NCAA Eligibility Center. Students are encouraged to do so by the end of the junior year but can do it during senior year. High school coursework, grades, and ACT scores will factor into a student's eligibility. Younger students should research the academic requirements needed to qualify for the NCAA Eligibility Center early in high school to assure they are on the right track. Visit [www.eligibilitycenter.org](http://www.eligibilitycenter.org) for information and to register.

- **Division III or NAIA**

Every student who is interested in playing championship sports at NAIA colleges for the first time needs to register and receive an eligibility determination. For more information on NAIA visit [www.playnaia.org](http://www.playnaia.org).

CollegeStudentAthletes.com is a free college search website for students looking to combine sports and academics at a Division III (D3) college. Visit <http://www.collegestudentathletes.com> for more information.

- **Junior Colleges**

Student-athletes interested in competing at the Junior College level (JUCO) should contact the coach about eligibility to play and rules for future transfer to a college or university. Visit [www.njcaa.org](http://www.njcaa.org) for more information.

# **ATHLETICS & CO-CURRICULAR ACTIVITIES**

## **NON-ATHLETIC ACTIVITIES**

(Sanctioned by the Nebraska State Activities Association)

Debate (co-op)  
Instrumental Music (class)  
Journalism (class)  
One-Act Play  
Play Production  
Speech  
Vocal Music (class)

## **CLUBS AND ORGANIZATIONS**

Academic Decathlon  
Ambassador Club  
Art Club  
Book Club  
Cheerleading  
Dance Team  
DECA (Distributive Education Clubs of America)  
Drama Club  
Electric Vehicle Team (Power Drive) (co-op)  
FBLA (Future Business Leaders of America)  
FCCLA (Family, Career, and Community Leaders of America)  
Japanese Club  
Letter Club  
Mock Trial (co-op)  
National Honor Society  
Newspaper (class)  
Olympus Club  
Pep Club  
PUMPED (People United Motivating Peers to Eliminate Discrimination)  
Quiz Bowl  
Robotics  
SADD  
Science Club  
Skills USA  
Student Council  
TEA Club  
Winter Guard/Drumline  
World Language Club  
Yearbook (class)

## **ATHLETICS**

### Fall Sports

Boys Cross Country	JV, Varsity
Boys Tennis	JV, Varsity
Football	9 <sup>th</sup> , JV, Varsity
Girls Cross Country	JV, Varsity
Girls Golf	JV, Varsity
Softball	JV, Varsity
Volleyball	9 <sup>th</sup> , JV, Varsity

### Winter Sports

Boys Basketball	9 <sup>th</sup> , JV, Varsity
Girls Basketball	9 <sup>th</sup> , JV, Varsity
Swimming	JV, Varsity (co-op)
Wrestling	JV, Varsity

### Spring Sports

Baseball	Res, JV, Varsity
Boys Golf	JV, Varsity
Boys Soccer	JV, Varsity
Boys Track	JV, Varsity
Girls Soccer	JV, Varsity
Girls Tennis	JV, Varsity
Girls Track	JV, Varsity

### Community Clubs

Bowling  
Hockey  
Lacrosse  
Trap

Co-op: The club or athletic team consists of members from multiple Elkhorn high schools.

# **FOUR-YEAR PLANNING GRID**

Postsecondary planning begins during 9<sup>th</sup> grade. Students will be completing a four-year plan during freshman year and will revisit it each year with their academic counselor. Use the grid below to complete a preliminary plan as you begin high school. The Elkhorn high schools have many elective and core areas that can help students explore future career paths. Spend time using the curriculum guide to find a path for you.

Note:

- The Elkhorn high schools have 7 class periods daily
- Students can have one study hall each semester
- Students taking 2 or more AP classes can have 2 study halls
- Students must take a full class load 9<sup>th</sup> grade through 12<sup>th</sup> grade

**Ninth Grade: All 9<sup>th</sup> grade students will take the pre-ACT test.**

First Semester		Second Semester	
English		English	
Math		Math	
Science	Physical Science	Science	Physical Science
Social Studies	Civics	Social Studies	World Geography
P.E.	PE & Health	Financial Literacy/ Elective	Personal Finance and Careers Or Elective
Elective		Elective	
Elective		Elective	

**Tenth Grade: All 10<sup>th</sup> grade students will take the pre-ACT test. PSAT test optional.**

First Semester		Second Semester	
English		English	
Math		Math	
Science	Biology	Science	Biology
Social Studies	World History OR AP World History	Social Studies	World History OR AP World History
Elective		Elective	
Elective		Elective	
Elective		Elective	

**Eleventh Grade: All 11<sup>th</sup> Grade students are required to take the ACT. PSAT test optional.**

First Semester		Second Semester	
English		English	
Math		Math	
Science		Science	
Social Studies	American History OR AP US History	Social Studies	American History OR AP US History
Elective		Elective	
Elective		Elective	
Elective		Elective	

**Twelfth Grade:**

- Seniors are encouraged to take at least 3-4 core classes while exploring elective courses in career interest fields. ACT and/or SAT tests should be completed by the December date for scholarship purposes. Be sure to review college admission requirements to make sure all options are considered prior to registration.
- ASVAB (military/career exploration) and Junior College tests are also available to interested students. See your counselor for more information.

First Semester		Second Semester	
English		English	
Math/Elective		Math/Elective	
Elective		Elective	
Elective		Elective	
Elective		Elective	
Elective		Elective	
Elective		Elective	

## **Curriculum Selections for 9th Grade**

Requirements for Graduation: 42 Credits

8 semesters English

6 semesters Science (2 Biology)

6 semesters Mathematics (1 Algebra semester 2)

6 semesters Social Studies (2 American History, 1 Civics or AP US Government and Politics)

2 semesters Physical Education

1 semester Financial Literacy (Personal Finance and Careers)

13 semesters Electives

**\*denotes semester class**

**CP = College Prep according to ACT** (4 years English, 3+ years Math, 3+ years Science, 3+ years Social Studies)

### **ART**

- ☐ Art I\*
- ☐ Art II\*
- ☐ Ceramics\*
- ☐ Computer Graphics Illustrator\*
- ☐ Computer Graphics Photoshop\*

### **BUSINESS**

- ☐ Computer Applications\*
- ☐ Multimedia Web Design\*
- ☐ Personal Finance and Careers\*
- ☐ Personal Finance and Careers Online (Summer)\*

### **ENGLISH**

- ☐ English 9 (CP)
- ☐ ESLA 9 (not English credit)
- ☐ Honors English 9 (CP)

### **FAMILY & CONSUMER SCIENCE**

- ☐ Child Development\*
- ☐ Housing & Interior Design\*
- ☐ Textiles & Clothing Design\*

### **FOREIGN LANGUAGE**

- ☐ French I
- ☐ Japanese I
- ☐ Spanish I
- ☐ Spanish II

### **INDUSTRIAL ARTS**

- ☐ Wood Tech I\*
- ☐ ICad\*
- ☐ Architectural Engineering\*
- ☐ Small Engines I (@EHS, ESHS)\*
- ☐ Small Engines II (@EHS, ESHS)\*
- ☐ Welding I (at ENHS)\*
- ☐ Welding II (at ENHS)\*

### **JOURNALISM**

- ☐ Journalism\*
- ☐ Photojournalism\*

### **MATHEMATICS**

- ☐ Algebra I (CP)
- ☐ ESAT I (not math credit)
- ☐ Geometry (CP)
- ☐ Honors Geometry (CP)
- ☐ Algebra II (CP)
- ☐ Honors Algebra II (CP)

### **MUSIC**

- ☐ Freshman Band
- ☐ Freshman Chorus

### **PERFORMING ARTS**

- ☐ Acting\*
- ☐ Dramatic Production\*
- ☐ Performance Theatre\*
- ☐ Speech and Debate\*

### **PHYSICAL EDUCATION**

- ☐ PE & Health\*
- ☐ Summer PE & Health\*

### **SCIENCE**

- ☐ Physical Science (CP)

### **SOCIAL STUDIES**

- ☐ Civics\* (CP)
- ☐ World Geography\* (CP)

### **SPECIAL PROGRAMS**

- ☐ ELL Language Study
- ☐ ELL II
- ☐ Reading (SPED)\*
- ☐ Work Study (SPED)\*

### **STUDY HALL**

- ☐ Study Hall (Sem 1)\*
- ☐ Study Hall (Sem 2)\*

## **Curriculum Selections for 10th Grade**

Requirements for Graduation: 42 Credits

8 semesters English

6 semesters Science (2 Biology)

6 semesters Mathematics (1 Algebra semester 2)

6 semesters Social Studies (2 American History, 1 Civics or AP US Government and Politics)

2 semesters Physical Education

1 semester Financial Literacy (Personal Finance and Careers)

13 semesters Electives

**\*\*denotes semester class**

**CP = College Prep according to ACT** (4 years English, 3+ years Math, 3+ years Science, 3+ years Social Studies)

### **ART**

- ☐ Art I\*
- ☐ Art II\*
- ☐ Art III\*
- ☐ Ceramics\*
- ☐ 3-D Concepts\*
- ☐ Computer Graphics Illustrator\*
- ☐ Computer Graphics Photoshop\*

### **BUSINESS**

- ☐ Accounting I
- ☐ Business Management\*
- ☐ Computer Applications\*
- ☐ Multimedia Web Design\*
- ☐ Economics\*
- ☐ Financial Wealth Management\*
- ☐ Marketing I
- ☐ Personal & Business Law\*
- ☐ Personal Finance and Careers\*
- ☐ Personal Finance and Careers Online (Summer)\*
- ☐ Program I\*
- ☐ Program II\*

### **ENGLISH**

- ☐ English 10 (CP)
- ☐ ESLA 10 (not English credit)
- ☐ Honors English 10 (CP)

### **FAMILY AND CONSUMER SCIENCE**

- ☐ Foods & Nutrition I\*
- ☐ Foods & Nutrition II\*
- ☐ Culinary Arts\*
- ☐ Child Development\*
- ☐ Human Dev & Relationships\*
- ☐ Housing & Interior Design\*
- ☐ Textiles & Clothing Design\*
- ☐

### **FOREIGN LANGUAGE**

- ☐ French I
- ☐ French II
- ☐ Japanese I
- ☐ Japanese II
- ☐ Spanish I
- ☐ Spanish II
- ☐ Spanish III

### **INDUSTRIAL ARTS**

- ☐ Wood Tech I\*
- ☐ Wood Tech II
- ☐ ICad\*
- ☐ Architectural Engineering\*
- ☐ Architectural Studies\*
- ☐ Computer Home Design\*
- ☐ Small Engines I (@EHS, ESHS)\*
- ☐ Small Engines II (@EHS, ESHS)\*
- ☐ Welding I (at ENHS)\*
- ☐ Welding II (at ENHS)\*

### **JOURNALISM**

- ☐ Journalism\*
- ☐ Photojournalism\*
- ☐ Newspaper Convergence
- ☐ Yearbook

### **MATHEMATICS**

- ☐ Algebra I (CP)
- ☐ ESAT I (not math credit)
- ☐ Geometry (CP)
- ☐ ESIG (not math credit)
- ☐ Honors Geometry (CP)
- ☐ Algebra II (CP)
- ☐ ESAT II (not math credit)
- ☐ Honors Algebra II (CP)

### **MUSIC**

- ☐ Band
- ☐ Concert Choir
- ☐ Mixed Chorus
- ☐ Women's Choir
- ☐ Music Theory (Sem 1)\*
- ☐ Music Theory (Sem 2)\*

### **PERFORMING ARTS**

- ☐ Acting\*
- ☐ Performance Theatre\*
- ☐ Dramatic Production \*
- ☐ Speech and Debate\*

### **PHYSICAL EDUCATION**

- ☐ Lifetime Activities (Sem1)\*
- ☐ Lifetime Activities (Sem 2)\*
- ☐ Fitness for Life (Sem 1)\*
- ☐ Fitness for Life (Sem 2)\*
- ☐ Weight Lifting (Sem 1)\*
- ☐ Weight Lifting (Sem 2)\*
- ☐ Healthy Lifestyles-Summer\*

### **SCIENCE**

- ☐ Biology (CP)
- ☐ Physical Science (CP)

### **SOCIAL STUDIES**

- ☐ AP World History (CP)
- ☐ World History (CP)

### **SPECIAL PROGRAMS**

- ☐ ELL Language Study
- ☐ ELL II
- ☐ Reading (SPED)\*
- ☐ Work Study (SPED)\*

### **STUDY HALL**

- ☐ Study Hall (Sem1)\*
- ☐ Study Hall (Sem 2)\*

## **Curriculum Selections for 11th Grade**

Requirements for Graduation: 42 Credits

8 semesters English

6 semesters Science (2 Biology)

6 semesters Mathematics (1 Algebra semester 2)

6 semesters Social Studies (2 American History, 1 Civics or AP US Government and Politics)

2 semesters Physical Education

1 semester Financial Literacy (Personal Finance and Careers)

13 semesters Electives

**\*\*denotes semester class**

**CP = College Prep according to ACT** (4 years English, 3+ years Math, 3+ years Science, 3+ years Social Studies)

### **ART**

- ☐ Art I\*
- ☐ Art II\*
- ☐ Art III\*
- ☐ Ceramics\*
- ☐ 3D Concepts\*
- ☐ Computer Graphics Illustrator\*
- ☐ Computer Graphics Photoshop\*

### **BUSINESS**

- ☐ Accounting I
- ☐ Accounting II
- ☐ AP Computer Science A
- ☐ Business Management\*
- ☐ Computer Applications\*
- ☐ Multimedia Web Design\*
- ☐ Economics\*
- ☐ Financial Wealth Management\*
- ☐ Marketing I
- ☐ Advanced Marketing\*
- ☐ Sports Marketing\*
- ☐ Personal & Business Law\*
- ☐ Personal Finance and Careers\*
- ☐ Personal Finance and Careers Online (Summer)\*
- ☐ Program I\*
- ☐ Program II\*
- ☐ Cisco Networking I (@EHS)

### **ENGLISH**

- ☐ English 11 (CP)
- ☐ ESLA 11 (not English credit)
- ☐ AP English Lang/Comp (CP)

### **FAMILY AND CONSUMER SCIENCE**

- ☐ Foods & Nutrition I\*
- ☐ Foods & Nutrition II\*
- ☐ Culinary Arts\*
- ☐ Scientific Nutrition\*
- ☐ Career & Life Essentials\*
- ☐ Child Development\*
- ☐ Health Care Careers\*
- ☐ Human Dev & Relationships\*
- ☐ Housing & Interior Design\*
- ☐ Textiles & Clothing Design\*

### **FOREIGN LANGUAGE**

- ☐ French I
- ☐ French II
- ☐ French III
- ☐ Japanese I
- ☐ Japanese II
- ☐ Japanese III
- ☐ Spanish I
- ☐ Spanish II
- ☐ Spanish III
- ☐ Spanish IV

### **INDUSTRIAL ARTS**

- ☐ Wood Tech I\*
- ☐ Wood Tech II
- ☐ Advanced Woods
- ☐ ICad\*
- ☐ Architectural Engineering\*
- ☐ Architectural Studies\*
- ☐ Computer Home Design\*
- ☐ Architectural Studies
- ☐ Small Engines I (@EHS, ESHS)\*
- ☐ Small Engines II (@EHS, ESHS)\*
- ☐ Welding I (at ENHS)\*
- ☐ Welding II (at ENHS)\*

### **JOURNALISM**

- ☐ Journalism\*
- ☐ Photojournalism\*
- ☐ Newspaper Convergence
- ☐ Yearbook

### **MATHEMATICS**

- ☐ Geometry (CP)
- ☐ ESIG (not math credit)
- ☐ Algebra II (CP)
- ☐ ESAT II (not math credit)
- ☐ Math Analysis (CP)
- ☐ Precalculus (CP)
- ☐ Honors Precalculus (CP)
- ☐ AP Calculus AB (CP)
- ☐ AP Calculus BC (CP)
- ☐ AP Statistics (CP)

### **MUSIC**

- ☐ Band
- ☐ Concert Choir
- ☐ Mixed Chorus
- ☐ Women's Choir
- ☐ Music Theory (Sem 1)\*
- ☐ Music Theory (Sem 2)\*

### **PERFORMING ARTS**

- ☐ Acting \*
- ☐ Performance Theatre\*
- ☐ Dramatic Production\*
- ☐ Speech and Debate\*

### **PHYSICAL EDUCATION**

- ☐ Lifetime Activities (Sem1)\*
- ☐ Lifetime Activities (Sem 2)\*
- ☐ Fitness for Life (Sem 1)\*
- ☐ Fitness for Life (Sem 2)\*
- ☐ Weight Lifting (Sem 1)\*
- ☐ Weight Lifting (Sem 2)\*
- ☐ Healthy Lifestyles- Summer\*

### **SCIENCE**

- ☐ Advanced Physical Science (CP)\*
- ☐ Advanced Physical Science II (CP)\*
- ☐ Anatomy & Physiology (CP)
- ☐ Chemistry (CP)
- ☐ AP Physics 1 (CP)
- ☐ AP Biology (CP)

### **SOCIAL STUDIES**

- ☐ American History (CP)
- ☐ AP US History (CP)
- ☐ AP Psychology (CP)
- ☐ AP US Government and Politics (CP)\*
- ☐ Current Problems\*
- ☐ Sociology\*

### **SPECIAL PROGRAMS**

- ☐ ELL Language Study
- ☐ ELL II
- ☐ Reading (SPED)\*
- ☐ Work Study (SPED)\*

### **STUDY HALL**

- ☐ Study Hall (Sem 1)\*
- ☐ Study Hall (Sem 2)\*

## Curriculum Selections for 12th Grade

Requirements for Graduation: 42 Credits

8 semesters English  
6 semesters Science (2 Biology)  
6 semesters Mathematics (1 Algebra semester 2)  
2 semesters of Physical Education

6 semesters of Social Studies  
(2 American History, 1 Civics or AP US Government and Politics)  
1 semester Financial Literacy (Personal Finance  
and Careers)  
13 semesters Electives

**\*\*denotes semester class**

**CP = College Prep according to ACT** (4 years English, 3+ years Math, 3+ years Science, 3+ years Social Studies)

### ART

- ☐ Art I\*
- ☐ Art II\*
- ☐ Art III\*
- ☐ Ceramics\*
- ☐ 3D Concepts\*
- ☐ Computer Graphics Illustrator\*
- ☐ Computer Graphics Photoshop\*
- ☐ Creative Techniques (Sem1)\*
- ☐ Creative Techniques (Sem2)\*

### BUSINESS

- ☐ Accounting I
- ☐ Accounting II
- ☐ AP Computer Science A
- ☐ Business Management\*
- ☐ Computer Applications\*
- ☐ Multimedia Web Design\*
- ☐ Economics\*
- ☐ Financial Wealth Management\*
- ☐ Marketing I
- ☐ Advanced Marketing\*
- ☐ Sports Marketing\*
- ☐ Personal & Business Law\*
- ☐ Personal Finance and Careers\*
- ☐ Personal Finance and Careers Online (Summer)\*
- ☐ Program I\*
- ☐ Program II\*
- ☐ Cisco Networking I (@EHS)
- ☐ Cisco Networking II (@EHS)

### ENGLISH

- ☐ Creative Writing\*
- ☐ British Literature (CP)\*
- ☐ American Literature (CP)\*
- ☐ Composition (CP)\*
- ☐ AP English Lit/Comp (CP)

### FAMILY AND CONSUMER SCIENCE

#### (FACS)

- ☐ Foods & Nutrition I\*
- ☐ Foods & Nutrition II\*
- ☐ Culinary Arts\*
- ☐ Scientific Nutrition\*
- ☐ Textiles & Clothing Design\*
- ☐ Housing & Interior Design\*
- ☐ Child Development\*
- ☐ Human Dev & Relationships\*
- ☐ Career & Life Essentials\*
- ☐ Health Care Careers\*

### FOREIGN LANGUAGE

- ☐ Spanish I
- ☐ Spanish II
- ☐ Spanish III
- ☐ Spanish IV
- ☐ AP Spanish Language and Culture
- ☐ French I
- ☐ French II
- ☐ French III
- ☐ AP French Language and Culture
- ☐ Japanese I
- ☐ Japanese II
- ☐ Japanese III
- ☐ AP Japanese Language and Culture

### INDUSTRIAL ARTS

- ☐ Wood Tech II
- ☐ Advanced Woods
- ☐ ICad\*
- ☐ Architectural Engineering\*
- ☐ Architectural Studies\*
- ☐ Computer Home Design\*
- ☐ Small Engines I (@EHS, ESHS)\*
- ☐ Small Engines II (@EHS, ESHS)\*
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- ☐ Welding II (at ENHS)\*

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- ☐ Journalism\*
- ☐ Photojournalism\*
- ☐ Newspaper Convergence
- ☐ Yearbook

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- ☐ Geometry (CP)
- ☐ Algebra II (CP)
- ☐ ESAT II (not math credit)
- ☐ Math Analysis (CP)
- ☐ Precalculus (CP)
- ☐ Honors Precalculus (CP)
- ☐ AP Calculus AB (CP)
- ☐ AP Calculus BC (CP)
- ☐ AP Statistics (CP)
- ☐ Practical Math

### MUSIC

- ☐ Band
- ☐ Concert Choir
- ☐ Mixed Chorus
- ☐ Women's Choir
- ☐ Music Theory (Sem 1)\*
- ☐ Music Theory (Sem 2)\*

### PERFORMING ARTS

- ☐ Acting\*
- ☐ Performance Theatre\*
- ☐ Dramatic Production\*
- ☐ Speech and Debate\*

### PHYSICAL EDUCATION

- ☐ Lifetime Activities (Sem1)\*
- ☐ Lifetime Activities (Sem 2)\*
- ☐ Fitness for Life (Sem 1)\*
- ☐ Fitness for Life (Sem 2)\*
- ☐ Weight Lifting (Sem 1)\*
- ☐ Weight Lifting (Sem 2)\*
- ☐ Healthy Lifestyles-Summer\*

### SCIENCE

- ☐ Advanced Physical Science (CP)\*
- ☐ Advanced Physical Science II (CP)\*
- ☐ Anatomy & Physiology (CP)
- ☐ Chemistry (CP)
- ☐ AP Physics 1 (CP)
- ☐ AP Chemistry (CP)
- ☐ AP Biology (CP)

### SOCIAL STUDIES

- ☐ American History (CP)
- ☐ AP US History (CP)
- ☐ AP Psychology (CP)
- ☐ AP US Government and Politics (CP)\*
- ☐ Current Problems\*
- ☐ Sociology\*

### SPECIAL PROGRAMS

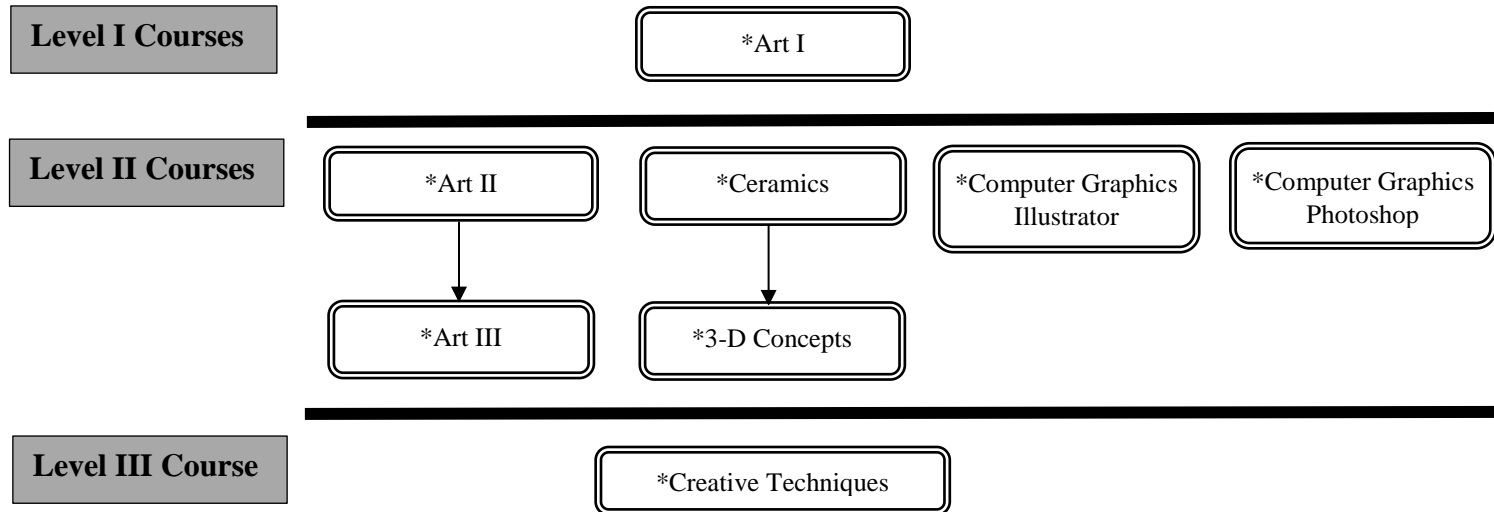
- ☐ Work Study \*
- ☐ ELL Language Study
- ☐ ELL II
- ☐ Career Prep Internship\*
- ☐ Teacher Cadet\*

### STUDY HALL

- ☐ Study Hall (Sem 1)\*
- ☐ Study Hall (Sem 2)\*

# ART

\*semester class



## **714 – ART I** Semester 1 Credit

**Description:** A variety of media will be explored through the semester in units that work to help the students understand the elements and principles of design in art. The primary focus of the semester will be value and composition. The course is designed for those students who have had little experience in art and also for those who wish to explore several forms of expression rather than concentrate in one area. This course serves as a prerequisite for all other art courses.

**Prerequisites:** Grades 9-11 interested in art; senior with instructor approval

**Method of Grading:** Completion of assignments, attitude, effort, quality of work and individual growth

**Student Outcomes:** The students will gain a general understanding of various art mediums with the focus being on value and composition.

## **715 – ART II** Semester 1 Credit

**Description:** A variety of media will be explored through the semester in units that work to help the students understand the elements and principles of design in art. Color will be the primary focus of the semester, along with the continued development of value and composition. The course is designed for those students who have an interest in learning about color and the beginning steps of portfolio development.

**Prerequisites:** Art I

**Method of Grading:** Completion of assignments, attitude, effort, quality of work, and individual growth

**Student Outcomes:** The students will continue to develop compositions and better understand the use of color and its importance in art.

## **716 – ART III** Semester 1 Credit

**Description:** This course gives the student an opportunity to further develop artistic techniques in various art mediums. Students will be responsible for developing a portfolio of their work.

**Prerequisites:** Art I and Art II

**Method of Grading:** Completion of assigned projects, attitude, effort, quality of work and individual growth

**Student Outcomes:** The students will have an opportunity to expand their artistic thoughts while working with a variation of art mediums.



**717 – CERAMICS Semester 1 Credit**

**Description:** Students will be given a basic understanding of clay, tools, building techniques and the pottery process. There will be emphasis on hand-built projects with an introduction to wheel-throwing. The understanding of glazing and kiln operations will also be required.

**Prerequisites:** Art I

**Method of Grading:** Completion of assignments, attitude, effort, quality of work and individual growth

**Student Outcomes:** The students will have worked with both hand-built and wheel pottery techniques, glazing processes and kiln operation.

**718 - 3-D CONCEPTS Semester 1 Credit**

**Description:** 3-D Concepts focuses on mastering hand-building and wheel-throwing pottery techniques that were introduced in Ceramics. In addition to exploring advanced assignments in clay, students will work with other sculptural materials to explore concepts and expression in three-dimensional art. There will be an emphasis on individual projects.

**Prerequisites:** Art I and Ceramics

**Method of Grading:** Completion of assignments, attitude, effort, quality of work, and individual growth

**Student Outcomes:** The students will have an opportunity to expand their artistic thoughts and skills in clay while working with a variation of sculptural art mediums.

**723 - COMPUTER GRAPHICS ILLUSTRATOR Semester 1 Credit**

**Description:** This course will introduce students to the Adobe Suite Software with a focus on Adobe Illustrator. Students will continue to learn the elements and principles of design centered on digital art making. Students will be introduced to graphic design as a career field and will apply their knowledge to simulated real-world scenarios.

**Prerequisites:** Art I

**Method of Grading:** Completion of assignments, attitude, effort, quality of work and individual growth

**Student Outcomes:** The students will develop artistic skills and expand their knowledge of computer art.

**724 - COMPUTER GRAPHICS PHOTOSHOP Semester 1 Credit**

**Description:** This course will introduce students to the Adobe Suite Software with a focus on Adobe Photoshop. Students will continue to learn the elements and principles of design centered on digital art making. Students will be introduced to graphic design as a career field and will apply their knowledge to simulated real-world scenarios.

**Prerequisites:** Art I

**Method of Grading:** Completion of assignments, attitude, effort, quality of work and individual growth

**Student Outcomes:** The students will develop artistic skills and expand their knowledge of computer art.

**720 - CREATIVE TECHNIQUES Semester 1 Credit**

**Description:** This course will be offered as an independent study area for art students who have completed all or most of the art courses currently offered (see prerequisites). Students who enroll in this course should have an interest in art or an art-related field as a possible career. Students will be required to develop a personal portfolio of their work. Course curriculum will be set by the student and the course instructor. This course may be repeated for credit.

**Prerequisites:** Art I, Art II, Art III, Ceramics and one of the Computer Graphics classes (either Photoshop or Illustrator) **AND/OR** instructor approval; suggested to have completed 3-D Concepts but not required

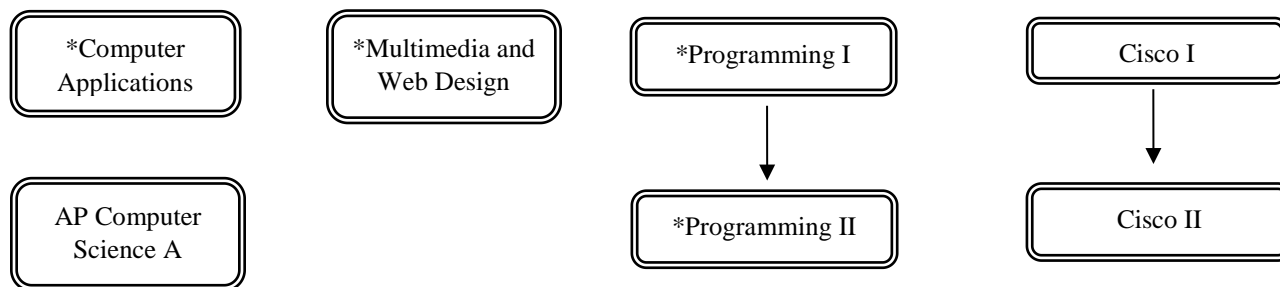
**Method of Grading:** Completion of assignments, attitude, effort, quality of work and individual growth

**Student Outcomes:** The students will work on the development of an art portfolio.

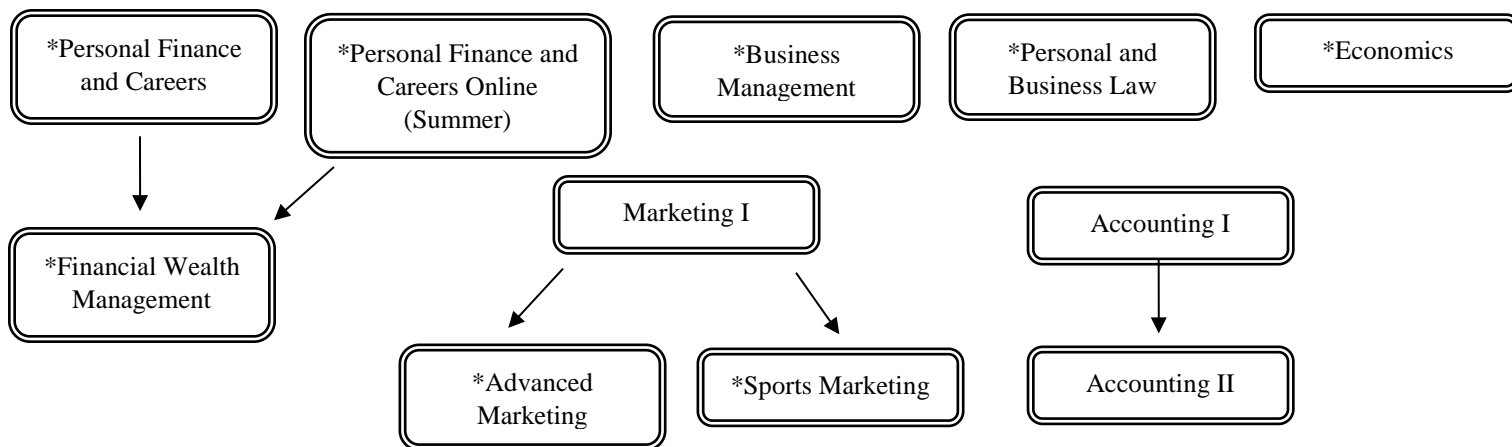
# **BUSINESS**

\*semester class

## **COMPUTER BASED COURSES**



## **OTHER BUSINESS ELECTIVES**



### **512 – COMPUTER APPLICATIONS**

**Semester**

**1 Credit**

**Description:** This course provides opportunity to develop advanced skills in the Microsoft Office suite of programs. Additional programs include web page development. The use of the Internet will be incorporated throughout the course.

**Prerequisites:** None

**Method of Grading:** Daily points, projects, tests, final exam

**Student Outcomes:** The student will use various word processing, spreadsheet, Internet web page development, and multimedia programs. Business skills and technology skills will be developed.

### **560 – MULTIMEDIA AND WEB DESIGN**

**Semester**

**1 Credit**

**Description:** Multimedia and Web Design provides a creative and innovative environment for students to build an understanding of multimedia concepts and techniques. Students create digital media projects including videos, animations, graphics, and web pages.

**Prerequisites:** None

**Method of Grading:** Homework, projects, quizzes, tests

**Student Outcomes:** The student will use creative techniques to design multimedia business related projects.

**950 – CISCO NETWORKING ACADEMY I      Year    2 Credits      Offered at Elkhorn High School ONLY**

**Description:** Cisco I is the first and second semesters of the four semester course that prepares students for the Cisco Certified Network Associate (CCNA) certification. The CCNA certification exam is separate from this course and is optional. The course is designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower the student to enter employment or further education and training in the computer networking field. The course focuses on network terminology & protocols, local area networks (LAN's), wide area networks (WAN's), the Open System Interconnection reference (OSI) model, cabling, cabling tools, routers, routing fundamentals, Ethernet, Ethernet switching, Internet Protocol (IP) addressing, network standards, Cisco IOS Software management, routing protocol configuration, TCP/IP, and access control lists (ACL's). Class activities will include lecture and class discussion, followed by study guides, laboratories, and group work. Students will complete one network simulation each semester and the curriculum is provided via the Internet. Cisco I is an articulated course with Metro Community College.

**Prerequisites:** Grades 11-12, good reading skills, and passing at least Algebra and one year of science. A study hall is required for travelling students.

**Method of Grading:** Daily work, quizzes, chapter tests, labs, and lab exams and final exams

**Student Outcomes:** The student will demonstrate the use of fundamental computer networking terms, concepts, and components and develop skills in basic network configuration, connectivity, and testing using workstations, hubs, routers, and switches. Students will also develop skills in cable construction and testing, small model LAN and WAN construction, IP addressing, basic subnetting, routing protocol configuration, and creation and placement of ACL's to control router access.

**951 CISCO NETWORKING ACADEMY II      Year    2 Credits      Offered at Elkhorn High School ONLY**

**Description:** Cisco II is the third and fourth semesters of the four semester course that prepares students for the Cisco Certified Network Associate (CCNA) certification. The CCNA certification exam is separate from this course and is optional. The course focuses on Variable Length Subnet Masking (VLSM), RIP v2, single area Open Shortest Path First (OSPF), Enhanced Interior Gateway Routing Protocol (EIGRP), command line interface (CLI) switch configuration, Ethernet switching, Virtual LAN's (VLANs), Spanning Tree Protocol (STP), VLAN Trunking Protocol (VTP), Network Address Translation (NAT), Port Address Translation (PAT), Dynamic Host Configuration Protocol (DHCP), WAN technology & terminology, Point-to-Point Protocol (PPP), ISDN, DDR, Frame Relay, and network management. Class activities will include lecture and class discussion, followed by study guides, laboratories and group work. Students will complete one network simulation each semester and the curriculum is provided via the Internet. Cisco II is an articulated course with Metro Community College.

**Prerequisites:** Successful completion of Cisco I. A study hall is required for travelling students.

**Method of Grading:** Daily work, quizzes, chapter tests, labs, and lab exams and final exams

**Student Outcomes:** The student will develop skills in the configuration of advanced IP addressing techniques, and intermediate routing protocols, CLI switch configuration, Ethernet switching, VLAN configurations, VTP configurations, WAN technology evaluation, WAN design, WAN protocol configuration, troubleshooting, and network management

**217 - PROGRAMMING I      Semester      1 Credit**

**Description:** This course is an introduction to teach programming in general and the elements of the Visual Basic Language in particular. Emphasis will be placed on structured programming principles: problem-solving, top-down modular design, structured coding, and programming style. This is an articulated course with Metro Community College.

**Prerequisites:** Successfully passed Algebra and Geometry and currently enrolled in Algebra II

**Method of Grading:** Student written programs, quizzes, tests, and semester exam

**Student Outcomes:** The student will learn to write readable, reliable, and well-documented programs.

**218 - PROGRAMMING II      Semester      1 Credit**

**Description:** Programming II is an advanced programming course in the Visual Basic Language. Emphasis will be placed on structured programming principles: problem-solving, top-down modular design, structured coding, and programming style. This is an articulated course with Metro Community College.

**Prerequisites:** Programming I

**Method of Grading:** Student written programs, quizzes, tests, and semester exam

**Student Outcomes:** The student will learn to write more advanced, reliable, and well-documented programs.

## **513 - ACCOUNTING I**

**Year**

**2 Credits**

**Description:** Accounting I is for the student who wants knowledge of basic accounting principles. It is designed to teach students the methods and systematic procedures for recording the financial operations of a sole-proprietorship, partnership or corporation. Students will learn modern accounting forms, record transactions to keep the financial records of a business for a fiscal period, and analyze and interpret the records to prepare financial statements. Class activities will include lecture and class discussion followed by practice drills, application problems and study guides. Students will complete one business simulation each semester. In addition, computer spreadsheet programs and automated accounting procedures will be introduced.

**Prerequisites:** Grades 10-12, good basic math background, high attention to detail, and ability to work with numbers

**Method of Grading:** Daily work, quizzes, problem tests, objective unit tests and business simulations

**Student Outcomes:** The student will understand the basic accounting cycle and how it applies to both service and merchandising businesses, journalize and post every day transactions, prepare a work sheet with adjustments, prepare financial statements (balance sheet, income statement, capital statement) and close the books at the end of a fiscal period.

## **514 - ACCOUNTING II**

**Year**

**2 Credits**

**Description:** Accounting II is designed for the student who has one or more of the following objectives: (1) to major in business administration or accounting at the post-secondary level, (2) to develop accounting computer skills, or (3) to acquire additional knowledge of accounting concepts, procedures, and applications. This course covers accounting concepts and procedures as applied to sole proprietorships, partnerships, and corporations. Students are given the opportunity to develop proficiency in recording, analyzing, interpreting, and reporting financial information used in making decisions. Microcomputers are an integral part of this course.

**Prerequisites:** Accounting I - basic computer literacy

**Method of Grading:** Daily work, quizzes, tests, and computer applications

**Student Outcomes:** The student will understand the accounting cycle and its application to partnership, corporation, departmental, payroll, and cost accounting. The student will also develop an understanding of the role of technology in accounting.

## **550 – MARKETING I**

**Year**

**2 Credits**

**Description:** Marketing is the process of planning and executing the conception, pricing, promotion, and distribution of ideas, goods, and services to create exchanges that satisfy individual and organizational objectives. To be involved in DECA (an Association of Marketing Education) you must be enrolled in a business course.

**Prerequisites:** Grades 10-12

**Method of Grading:** Tests, quizzes, projects, in class work, computer simulation, and homework assignments

**Student Outcomes:** The student will understand basic marketing concepts, explain how products are created, priced, and packaged, and understand all aspects of sales and selling a product.

## **553 – ADVANCED MARKETING**

**Semester**

**1 Credit**

**Description:** Students will relate the concepts learned in Marketing I and apply them to internet marketing, international marketing, and business ownership. Students will experience marketing as it pertains to real life situations.

**Prerequisites:** Marketing I or permission of instructor

**Method of Grading:** Daily work, projects, tests, final exam

**Student Outcomes:** The student will apply marketing concepts and principles to all aspects of today's business market.

## **551 - SPORTS MARKETING**

**Semester**

**1 Credit**

**Description:** Students will complete a step-by-step journey through the world of marketing. Marketing functions will be applied to the sports and entertainment industry. Examples of topics covered include; sponsorship opportunities, ticket sales, publicity, promotions, in game and half time entertainment, etc. Students will learn benefits of the sports and entertainment industry through sound marketing practices.

**Prerequisites:** Marketing I or permission of instructor

**Method of Grading:** Daily work, projects, tests, final

**Student Outcomes:** The student will apply advanced marketing concepts and principles to real world situations.

## **521 – BUSINESS MANAGEMENT AND COMMUNICATION**

**Semester**

**1 Credit**

**Description:** This semester course provides instruction in the basic principles of owning and/or managing a business. Students will learn how to start a business, write a business plan, market a business, hire a staff, and finance a business.

**Prerequisites:** Grades 10-12

**Method of Grading:** Daily assignments, projects, tests

**Student Outcomes:** The student will learn the fundamental principles of becoming an entrepreneur.

**525 – ECONOMICS Semester 1 Credit**

**Description:** Economics is designed to help students understand and apply basic theories of economics to current events and issues. Students cover topics including fundamental economic concepts, supply and demand, pricing strategies, market structures, government spending and revenue, financial markets, the Federal Reserve, and International Economics.

**Prerequisites:** Grades 10-12

**Method of Grading:** Tests, quizzes, projects, in-class work, and homework assignments

**Student Outcomes:** The student will understand how the American economic system is organized, understand elements of free enterprise, apply the concepts of supply and demand, and understand business and the role of labor in our economy and the world economic picture. This course also counts as a Social Studies credit, if needed.

**522 - PERSONAL AND BUSINESS LAW Semester 1 Credit**

**Description:** This course is designed to help students learn about the law and how it is involved in their daily lives. This course will emphasize the sources of today's laws, and how it affects their lives as minors, employees, consumers, and citizens.

**Prerequisites:** Grades 10-12

**Method of Grading:** Daily work, classroom projects, tests/quizzes

**Student Outcomes:** The student will have a better understanding of today's laws, why we need them in our lives, and when it is necessary to contact a lawyer. Understanding legal procedures necessary for major steps in life will be a key element of the class.

**570 – PERSONAL FINANCE AND CAREERS Semester 1 Credit**

**Description:** Personal Finance is designed to help students manage their resources and make sound personal financial decisions. Students have the opportunity to explore financial planning, credit, banking services, income taxes, insurance, and investments. Career components will also be incorporated.

**Prerequisites:** None

**Method of Grading:** Tests, quizzes, projects, in class work, and homework assignments

**Student Outcomes:** The student will understand credit, financial services, investment, how to prepare a financial plan, insurance, and income tax forms.

**571 – PERSONAL FINANCE AND CAREERS ONLINE (Summer) Semester 1 Credit**

**Description:** This INDEPENDENT STUDY course is designed to help students manage their resources and make sound personal financial decisions. Students have the opportunity to explore financial planning, credit, banking services, income taxes, insurance, and investments. Career components will also be incorporated into this internet based class.

**Prerequisites:** Grades 9-12. Students will need to be independent learners with access to a computer and internet.

**Method of Grading:** Tests, quizzes, projects, independent work, and homework assignments

**Student Outcomes:** The student will understand credit, financial services, investment, how to prepare a financial plan, insurance, and income tax forms.

**524 – FINANCIAL WEALTH MANAGEMENT Semester 1 Credit**

**Description:** Students will increase knowledge of the concepts learned in Personal Finance and Careers. Students will explore, analyze, and apply principles of financial planning, money management, income and asset protection, and investments.

**Prerequisites:** Grades 10-12. Personal Finance and Careers

**Method of Grading:** Tests, quizzes, projects, in class work, and homework assignments

**Student Outcomes:** The student will understand the importance of financial planning for a successful financial future.

**500 – ADVANCED PLACEMENT COMPUTER SCIENCE A Year 2 Credits**

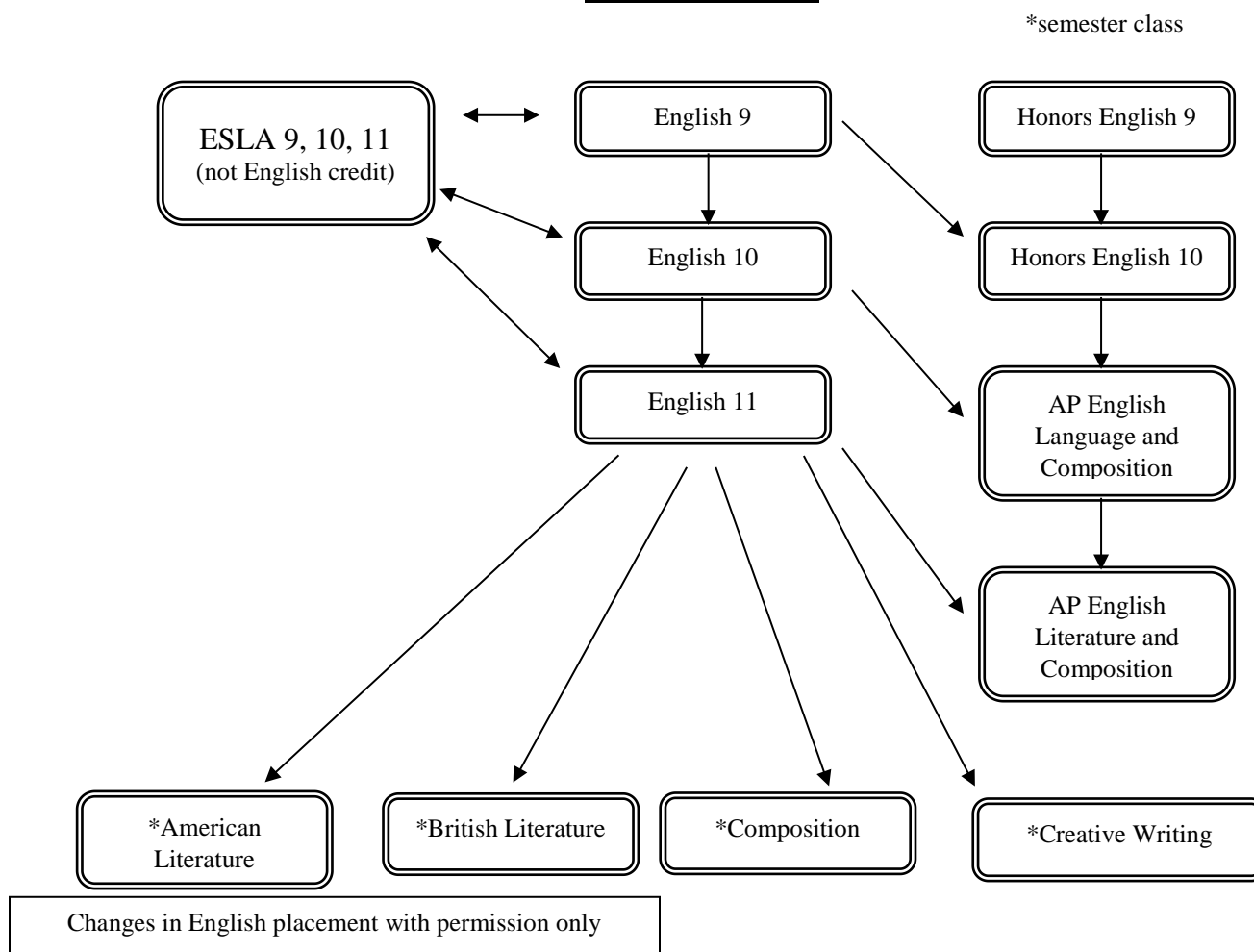
**Description:** Students will utilize object-oriented programming methodology for problem solving and algorithm development. This course also includes the study of data structures, design, and abstraction. Completion of this course will prepare students to take the Advanced Placement® Computer Science A exam. It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** Grades 11-12. The assumed prerequisites for entering the AP Computer Science A course include knowledge of basic English and algebra. A student in the AP Computer Science A course should be comfortable with functions and the concepts found in the uses of function notation, such as  $f(x) = x + 2$  and  $f(x) = g(h(x))$ .

**Method of Grading:** Homework, quizzes, tests, district common assessments, and semester exam. Grades earned in this course are weighted for GPA purposes if student earns a 1, 2, or 3.

**Student Outcomes:** Design, implement, and analyze solutions to problems; Use and implement commonly used algorithms; Develop and select appropriate algorithms and data structures to solve new problems; Write solutions fluently in an object-oriented paradigm; Write, run, test, and debug solutions in the Java programming language, utilizing standard Java library classes and interfaces from the AP Java subset; Read and understand programs consisting of several classes and interacting objects; Read and understand a description of the design and development process leading to such a program; and Understand the ethical and social implications of computer use. Note: AP Computer Science A may not be applied toward mathematics credit.

# ENGLISH



## **016 - ENGLISH 9 – CP**

**Year 2 Credits**

**Description:** Students will study different literary forms such as short stories, novels and plays to determine contextual and stylistic similarities and differences. The course emphasizes the writing of essays, a study of reading strategies, grammar, vocabulary development, MLA basics, and the basics of speech communication.

**Prerequisites:** Department recommendation

**Method of Grading:** Vocabulary quizzes, speeches, class participation, tests/quizzes, and writing assessments

**Student Outcomes:** The student will produce grammatically and stylistically sound essays, demonstrate competencies in oral communication skills, and improve reading skills.

## **189 – ESLA 9--ESSENTIAL SKILLS LANGUAGE ARTS 9**

**Semester/Year**

**1-2 Credits**

**Description:** This course provides students with intense practice in reading, writing, grammar and testing. Classroom activities encompass such skills as organizing, studying, listening, and reasoning skills. Consistent and ongoing assessments provide students with feedback regarding their performance in language and communication. Students may “test out” of this course at the end of the first or second semester. This course is pass/fail and does not count as English credit.

**Prerequisites:** Recommendation based on standardized test results

**Method of Grading:** Pass/Fail as determined by teacher, evaluations, observations, and student performance

**Student Outcomes:** The student will strengthen literacy skills in reading and writing and demonstrate competencies in English 9.



## **022 - HONORS ENGLISH 9 – CP**      **Year**      **2 Credits**

**Description:** Students will study different literary forms including novels and plays to determine contextual and stylistic similarities and differences. The course emphasizes the writing of essays, a study of reading strategies, grammar, vocabulary development, MLA basics, and the basics of speech communication. Course includes rigorous AP prep to prepare students to take AP Language and Literature courses.

**Prerequisites:** Department recommendation

**Method of Grading:** Vocabulary quizzes, speeches, class participation, tests/quizzes, projects and presentations, and writing assessments

**Student Outcomes:** The student will produce grammatically and stylistically sound essays, demonstrate competencies in oral communication skills, and improve reading skills.

## **018 - ENGLISH 10 – CP**      **Year**      **2 Credits**

**Description:** Students will study different literary forms such as short stories, novels, poetry and a play to determine contextual and stylistic similarities and differences. The course emphasizes the writing of the five paragraph essay, a study of reading strategies, vocabulary development, practice of proper MLA format in writing, and informal project presentations.

**Prerequisites:** Completion of English 9

**Method of Grading:** Vocabulary quizzes, class participation, tests/quizzes, and writing assessments

**Student Outcomes:** The student will produce grammatically and stylistically sound essays, increase the understanding of various literature forms and their historical significance, and improve reading skills.

## **190 - ESLA 10--ESSENTIAL SKILLS LANGUAGE ARTS 10**      **Semester/Year**      **1-2 Credits**

**Description:** This course, an extension of ESLA 9, provides students with intense practice in reading, writing, vocabulary study and testing. Classroom activities emphasize reading and writing strategies employed in English 10. Consistent and ongoing assessments provide students with feedback regarding their performance in language and communication. Students may “test out” of this course at the end of the first or second semester. This course is pass/fail and does not count as English credit.

**Prerequisites:** Recommendation based on standardized test results

**Method of Grading:** Pass/Fail as determined by teacher, evaluations, observations, and student performance

**Student Outcomes:** The student will strengthen literacy skills in reading and writing and demonstrate competencies in English 10.

## **023 - HONORS ENGLISH 10 – CP**      **Year**      **2 Credits**

**Description:** Students will study different literary forms such as novels, poetry and plays to determine contextual and stylistic similarities and differences. The course emphasizes the writing of the five paragraph essay, a study of reading strategies, vocabulary development, practice of proper MLA format in writing, and informal project presentations. Course includes rigorous AP prep to prepare students to take AP Language and Literature courses.

**Prerequisites:** Completion of Honors English 9 or teacher recommendation

**Method of Grading:** Vocabulary quizzes, class participation, tests/quizzes, projects and presentations, and writing assessments

**Student Outcomes:** The student will produce grammatically and stylistically sound essays, increase the understanding of various literature forms and their historical significance, and improve reading skills.

## **019 - ENGLISH 11 – CP**      **Year**      **2 Credits**

**Description:** Students will study different literary forms such as fiction, non-fiction, and a play to determine contextual and stylistic similarities and differences. The course emphasizes the writing of the literary analysis essay and timed in-class essays, a study of reading strategies and test taking strategies, vocabulary development, a formal research paper, informal project presentations, and classroom discussion.

**Prerequisites:** Completion of English 10

**Method of Grading:** Vocabulary quizzes, class participation, tests/quizzes, and writing assessments

**Student Outcomes:** The student will produce grammatically and stylistically sound essays, analyze various literature forms and their historical significance, and improve reading skills.

## **191 - ESLA 11--ESSENTIAL SKILLS LANGUAGE ARTS 11**      **Semester/Year**      **1-2 Credits**

**Description:** This course teaches intense literacy skills by practicing direct and explicit reading strategies, reading comprehension skills, vocabulary development, writing and testing. ESLA 11 will emphasize literacy activities employed in English 11. Regular assessments will provide students information regarding their performance with literacy knowledge. Students may “test out” of this course at the end of the semester. This course is pass/fail and does not count as English credit.

**Prerequisites:** Recommendation based on standardized test results

**Method of Grading:** Pass/Fail as determined by teacher, evaluations, observations, and student performance

**Student Outcomes:** The student will strengthen literacy skills in reading and writing and demonstrate competencies in English 11.

**024 – AP ENGLISH: LANGUAGE AND COMPOSITION – CP      Year      2 Credits**

**Description:** This course engages students in a chronological study of American literature, both fiction and nonfiction, in an effort to make them more skilled readers and writers. Students will read texts for understanding, write for a variety of purposes, recognize the complexity of communication, and participate in extensive group discussion. It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** Completion of Honors English 10 or teacher recommendation

**Method of Grading:** Writing assignments, reading/vocabulary quizzes, classroom discussion and participation, tests, projects. Grades earned in this course are weighted for GPA purposes if students earn a 1, 2, or 3.

**Student Outcomes:** The student will write effectively and confidently, read complex texts with understanding, and engage in classroom discussion.

**032 - AMERICAN LITERATURE – CP      Semester      1 Credit**

**Description:** This course presents a general overview of the major American authors and literary developments in this country. A chronological format studies the various genres: poetry, the short story, the novel and drama.

**Prerequisites:** Completion of English 11

**Method of Grading:** Daily assignments, quizzes, essays

**Student Outcomes:** The student will understand the development of America's literature, composition, and discussion skills improvement.

**029 - BRITISH LITERATURE – CP      Semester      1 Credit**

**Description:** This course is a survey of literature from the Anglo Saxon era to the twentieth century. The readings will include novels, essays, short stories, drama, and poetry.

**Prerequisites:** Completion of English 11

**Method of Grading:** Daily assignments, quizzes, essays

**Student Outcomes:** The student will understand various forms in British literature and how they relate to history; practice and perfect various essay styles, improve discussion skills.

**034 - COMPOSITION – CP      Semester      1 Credit**

**Description:** This course offers extensive training in expository, persuasive and descriptive writing, business writing, and poetry. Various writing methods will be studied. Methods of research and the research paper will also be completed.

**Prerequisites:** Completion of English 11

**Method of Grading:** Daily writing assignments, essays, and a research paper

**Student Outcomes:** The student will understand a variety of writing methods and techniques, improve revision and editing skills, practice research skills, and write a formal research paper.

**027 - CREATIVE WRITING – CP      Semester      1 Credit**

**Description:** This semester course gives students experience in many kinds of written expression. Designed for the student who enjoys writing, this class will provide a study of the ways in which the writer communicates with fiction and non-fiction. Besides the written works, members of this class will read their papers aloud, gain practice in evaluating writing, and have opportunity to submit their work to various publications.

**Prerequisites:** Completion of English 11

**Method of Grading:** Daily assignments, evaluation responses, notebook

**Student Outcomes:** The student will increase in critical awareness both as reader and writer and practice in applying various writing techniques.

**040 – AP ENGLISH: LITERATURE AND COMPOSITION – CP      Year      2 Credits**

**Description:** This course engages students in the careful reading and analysis of literature from several genres and periods. Students will read titles of literary merit, interpret and evaluate the works, participate in group discussion, and complete extensive writing assignments. It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** Enjoyment of and enthusiasm for reading, academic achievement in English, writing ability, willingness to participate in group discussion, ability to work through long-term assignments independently.

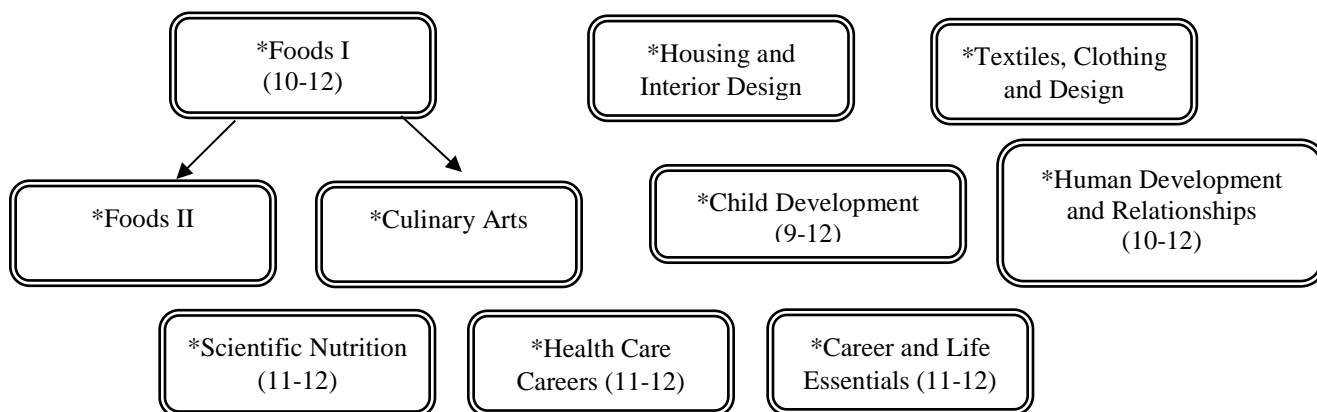
**Method of Grading:** Reading quizzes, writing assignments, classroom discussion and participation, tests, projects. Grades earned in this course are weighted for GPA purposes if students earn a 1, 2, or 3.

**Student Outcomes:** The student will interpret and evaluate literature, write effectively and confidently, engage in classroom discussion.



# FAMILY & CONSUMER SCIENCES

\*semester class



## **621 - FOODS & NUTRITION I**

**Semester****1 Credit**

**Description:** Foods & Nutrition I focuses on food preparation techniques. Each unit includes information on purchasing, storage principles, and cooking techniques. Course units may include kitchen basics, safety, equipment, nutrition, eggs, milk, cheese, pastry, baking, quick and yeast breads, fruits, vegetables, etc. Students may also explore careers in the food science or food service industry and will participate in hands-on food's labs an average of once or more per week.

**Prerequisites:** Grades 10-12

**Method of Grading:** Unit tests and lab evaluations

**Student Outcomes:** The student will demonstrate the ability to prepare foods that meet individual or family needs using information and techniques presented in this class.

## **629 - FOODS & NUTRITION II**

**Semester****1 Credit**

**Description:** Foods & Nutrition II is a continuation of Foods & Nutrition I and will also focus on food preparation for students wishing to continue with these studies. Units may include brief reviews of kitchen and nutrition basics, meal planning and preparation, meats, poultry, and seafood, soups and sauces, starches, side dishes, main dishes, multicultural foods, salads and sandwiches, desserts, budgeting and controlling food costs, breakfasts, lunches, dinners, etc. Once again, students will be participating in hands-on food's labs an average of once or more per week.

**Prerequisites:** Passing grade in Foods & Nutrition I

**Method of Grading:** Unit tests and lab evaluations

**Student Outcomes:** The student will demonstrate the ability to prepare foods that meet individual or family needs, using information and techniques presented in this class.

## **626 - CULINARY ARTS**

**Semester****1 Credit**

**Description:** This is an advanced level course, focusing on food 'presentation' rather than food 'preparation'. Units may include knife skills, meal planning, garnishing, icing techniques (such as those used in cake and cookie decorating), decorative plating of foods, table setting and appointments, etc. Students will participate in many hands-on labs or experiences that allow them to demonstrate creative and artistic food presentation.

**Prerequisites:** Passing grade in Foods & Nutrition I

**Method of Grading:** Most grades will be taken as an evaluation of the effort and skills that are demonstrated by the student, with a minimum number of written tests.

**Student Outcomes:** The student will demonstrate the ability to plan, practice, and present foods in a decorative and attractive manner.

**622 - SCIENTIFIC NUTRITION** Semester 1 Credit

**Description:** Scientific Nutrition is a study of nutrition principles, from a scientific standpoint. Units may include the categories, sources, and functions of nutrients, nutrition-related diseases, nutrition guidelines, digestion, metabolism, specialized diets, food and kitchen safety, principles involved in marketing foods, food processing, etc.

**Prerequisites:** Grades 11-12

**Method of Grading:** Classroom discussion and activities, unit tests, and lab evaluations

**Student Outcomes:** The student will gain a better understanding of the role of nutrition in the development of a healthy individual. This in-depth study of nutrition/food science would benefit students interested in personal wellness or health related (medical, dietician, wellness, etc.), food service, and child care careers.

**628 – CAREER LIFE ESSENTIALS** Semester 1 Credit

**Description:** Career Life Essentials focuses on post-secondary education and training, consumerism, and career decision making. Attention may be placed on scholarship/college applications and interviews, resumes, college financial planning, budgeting, and consumer decisions. Coursework will be differentiated to address individual student educational plans beyond high school, including 2 and 4 year options. It will include completing and submitting scholarship applications throughout the semester.

**Prerequisites:** Grade 12 or grade 11 with permission

**Method of Grading:** Projects and unit tests

**Student Outcomes:** The student will understand the pathway for post-secondary education including college admissions, financial aid, job/scholarship preparation and interviews, housing, money management, and consumer decisions. Students will receive individual help with scholarships, FAFSA, applications, resumes, interview preparation and career decision making.

**625 - CHILD DEVELOPMENT** Semester 1 Credit

**Description:** Child Development units include prenatal and neonatal development, infant care, care of the child, and the physical, emotional, social, and intellectual development of children. Units also explore an introduction to education including theories of child psychology, lesson planning and teaching skills. Students will participate in hands-on lab experiences, working directly with children and implementing the lessons they developed.

**Prerequisites:** Grades 9-12

**Method of Grading:** Tests, projects, and lab evaluations

**Student Outcomes:** The student will gain knowledge and demonstrate skills used in parenting and a variety of child-care professions, including teachers, pediatrics, nanny, daycare, nursery schools, coaching, and child psychology.

**630 - HEALTH CARE CAREERS** Semester 1 Credit

**Description:** Health Care Careers focuses on occupations within the health care field, ranging from doctors, dentists, and nurses, to lab technicians, pharmacists, medical insurance specialists, athletic trainers, health information specialists, veterinarians, and more. This course will help identify areas of interest and ability within the medical field, using a hands-on approach. Lab activities are conducted by health care professionals. There will be an emphasis on medical terminology.

**Prerequisites:** Grades 11-12, or instructor permission

**Method of Grading:** In-class activities, tests, quizzes, projects

**Student Outcomes:** The student will gain knowledge of different careers in the health care field, and a foundation of medical terminology.

**624 - HOUSING & INTERIOR DESIGN** Semester 1 Credit

**Description:** Housing & Interior Design focuses on the development of efficient and cost-effective room and floor plans that meet the needs of individuals, or residential/commercial clients. Course units may include elements and principles of design as found in the interior design and housing industry, architectural styles, drafting floor plans, interior design, 3-D perspective drawings, furnishings and accessories, traffic patterns, operating and energy systems, and basics of landscaping.

**Prerequisites:** None

**Method of Grading:** Tests and project evaluations

**Student Outcomes:** The student will develop skills that are useful in designing and/or decorating individual rooms, homes, or work spaces. Coursework includes pre-CAD (computer-aided drafting) skills and hands on experiences in design, decorating, and architectural drafting.

**627 - HUMAN DEVELOPMENT & RELATIONSHIPS****Semester****1 Credit**

**Description:** The focus of this class is on physical, emotional, social, and intellectual development from middle childhood through old age of the human life cycle. Units may include adolescent challenges, decision making, communication, human sexuality, parenting styles, middle age, old age, and death. Course activities may include an opportunity to work with children and adults at various stages of the life cycle.

**Prerequisites:** Grades 10-12

**Method of Grading:** Tests and project evaluations

**Student Outcomes:** The student will gain knowledge that will enable them to form educated opinions and be better decision-makers when developing relationships and facing emotional/social challenges throughout the life cycle.

**623 - TEXTILES, CLOTHING, & DESIGN****Semester****1 Credit**

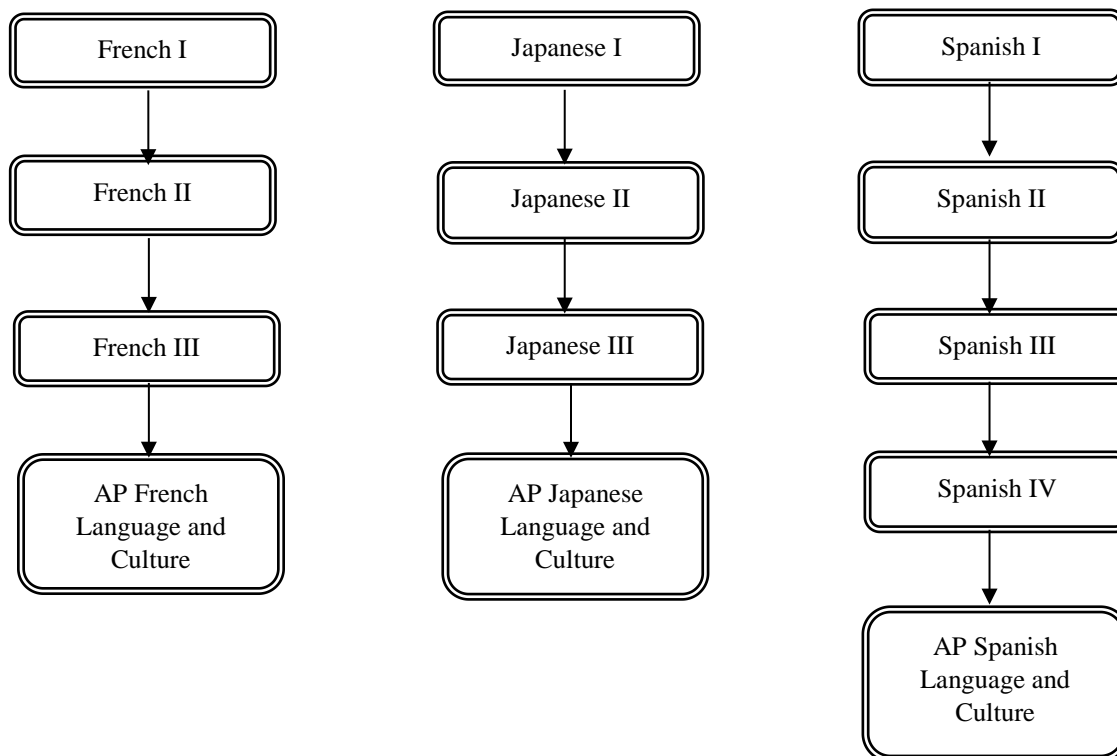
**Description:** Textiles, Clothing, & Design focuses on the interests of the individual student. Units include: basic machine and hand-sewing skills, textiles, technology in the textiles industry, using patterns and basic construction. Students will learn basic skills and create projects using those skills. Each student will identify a personal or career-based goal related to this field, obtain approval from the instructor, and complete projects associated with individual goals. This course may be repeated for credit, as would be necessary for students entering career fields requiring advanced construction techniques such as fashion design.

**Prerequisites:** None

**Method of Grading:** Grades taken once to twice weekly will reflect quality of work, completion of assignments, and management of resources (time and materials) while working toward the goal.

**Student Outcomes:** The student will demonstrate skills to complete identified textile, clothing, and design goals.

# FOREIGN LANGUAGE



## **110 - FRENCH I**

**Year**

**2 Credits**

**Description:** This course introduces the student to basic communication in the French language. The four language skills of speaking, listening, reading, and writing are developed simultaneously within each lesson covered. The topics covered provide the student with the vocabulary and grammar necessary to communicate his/her own basic needs and describe his/her own immediate surroundings. The cultural material provided in each unit introduces the student to information about various aspects of France and the Francophone world.

**Prerequisites:** None. To continue to the next level, it is strongly recommended that the final grade be a 3- or higher.

**Method of Grading:** Tests, quizzes, projects, homework, and class participation

**Student Outcomes:** The student will introduce him/herself, give age, give address, describe his/her family, describe his/her typical day, describe activities and sports, express time, use numbers, identify and describe people and objects in the immediate environment, become familiar with the geography of France & Europe, and recognize that there are cultural differences and similarities among people of different countries.

## **111 - FRENCH II**

**Year**

**2 Credits**

**Description:** This course continues to develop the conversational ability of the student. Reading and writing are further developed by the extension of grammar and vocabulary. Comprehension of the language is more fully developed by an increase of language use in the classroom. Cultural information is extended to historical information and daily customs of the people in Francophone areas.

**Prerequisites:** French I. It is strongly recommended that the final grade be a 3- or higher in French I.

**Method of Grading:** Tests, quizzes, projects, homework, and class participation

**Student Outcomes:** The student will acquire more conversational flexibility; be able to read and write with less dependence upon his/her native language; understand the spoken language with greater ease; gain more information on the culture of Francophone areas.

## **112 - FRENCH III**

**Year**

**2 Credits**

**Description:** This course concentrates more on speaking the French language and expands vocabulary. The past tenses are studied to enhance language skills.

**Prerequisites:** French II. It is strongly recommended that the final grade be a 3- or higher in French II.

**Method of Grading:** Daily participation in class, quizzes, homework, projects, and tests

**Student Outcomes:** The student will be able to converse with only some hesitations, write complete descriptive paragraphs, and read short literature selections.

## **113 – ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE**

**Year**

**2 Credits**

**Description:** This course concentrates on French vocabulary related to the 6 AP themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Students will engage in conversations, learn remaining main verb tenses, and work with authentic media for listening and reading practice. We will also read the novel "Le Petit Prince". It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** French III. It is strongly recommended that the final grade be a 3 or higher in French III. Grades earned in this course are weighted for GPA purpose if student earns a 1, 2 or 3.

**Method of Grading:** Daily oral participation, quizzes, homework, tests, and projects.

**Student Outcomes:** The student will be able to carry on conversations in French on diverse topics; write papers in the target language, comment on current events; read literature in the target language.

## **115 – JAPANESE I**

**Year**

**2 Credits**

**Description:** This course introduces the student to basic communication skills and creates a strong foundation of the Japanese language through the development of the four language skills: speaking, listening, reading and writing. Aspects of Japanese culture will be interspersed throughout the year. First semester, students will learn the Japanese writing style Hiragana and Katakana. Because of this component, the class will require a lot of homework.

**Prerequisites:** Grades 9-12. To continue to the next level, it is strongly recommended that the final grade be a 3- or higher.

**Method of Grading:** Written assignments, tests, quizzes, and oral evaluation

**Student Outcomes:** The students master basic structure and vocabulary so they are able to engage in simple interchanges. They also master Japanese basic writing style; Hiragana and Katakana in the first semester and they master 20 Kanji (Chinese characters) by end of the year. Students will gain an understanding and appreciation of the Japanese culture, people, and society.

## **116 – JAPANESE II**

**Year**

**2 Credits**

**Description:** This course continues to develop the student's ability to comprehend, speak, read and write the Japanese language. Culture lessons will be interspersed throughout the year. The students learn and master more Kanji. The students master the difference between formal speaking style and informal speaking style.

**Prerequisites:** Japanese I. It is strongly recommended that the final grade be a 3- or higher in Japanese I.

**Method of Grading:** Written assignments, tests, quizzes, homework assignments, oral assignments, and projects

**Student Outcomes:** The student will gain a degree of proficiency with the Japanese language and will understand the similarities and differences between cultures and people. The student will master about 110 Kanji to be able to read and write in sentences.

## **117 – JAPANESE III**

**Year**

**2 Credits**

**Description:** This course will take students deeper into the study of Japan including language and culture. The students will effectively communicate in Japanese through interpersonal exchange of information, opinions, and expressions of feelings and emotions. The students will understand Japanese speaking style and be able to use it. The students continue to learn and master Kanji to write and read. The students learn specific culture and perform some of the traditions such as calligraphy and tea ceremony. They will also learn modern culture through internet and other media systems.

**Prerequisites:** Japanese II. It is strongly recommended that the final grade be a 3- or higher in Japanese II.

**Method of Grading:** Homework assignments, presentation project, oral assignments, tests, and quizzes

**Student Outcomes:** The student will understand and interpret written and spoken Japanese on many topics related to contemporary life in Japan and will present information, concepts and ideas to an audience of listeners or readers on many topics about contemporary life in Japan.

**119 – ADVANCED PLACEMENT JAPANESE LANGUAGE AND CULTURE****Year****2 Credits**

**Description:** This course focuses on developing thoughts in writing and speaking to prepare for small discussion and presentation using magazine and newspaper to read both formal and informal reading. Students will understand Japanese culture and gain Kanji and vocabulary. In class, the students are encouraged to use as much as Japanese as possible. It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** Japanese III. It is strongly recommended that the final grade be a 3- or higher in Japanese III.

**Method of Grading:** Tests, quiz, papers, presentation, projects. Grades earned in this course are weighted for GPA purpose if student earns a 1, 2 or 3.

**Student Outcomes:** Students will gain more Kanji and understand in-depth meaning of Japanese and Japanese culture through reading, writing and listening.

**100 - SPANISH I****Year****2 Credits**

**Description:** This course introduces the student to basic communications in the Spanish language. The four language skills of speaking, listening, reading, and writing are developed simultaneously within each topic covered. The topics covered provide the student with the vocabulary and grammar necessary to communicate his/her own basic needs and describe his/her own immediate surroundings. Through the cultural readings provided the student is introduced to information about various countries of Latin America and Spain.

**Prerequisites:** None. To continue to the next level, it is strongly recommended that the final grade be a 3- or higher.

**Method of Grading:** Tests, quizzes, homework, participation and projects

**Student Outcomes:** The student will introduce him/herself, give place of origin, address personal information, locations, dates, time, make phone calls, state likes, dislikes, opinions, feeling, talk about people, places and things in his/her immediate environment.

**101 - SPANISH II****Year****2 Credits**

**Description:** This course develops the conversational ability of the student by the acquisition of extended vocabulary in Spanish. The four language skills of speaking, listening, reading, and writing are developed simultaneously within each topic covered. Reading and writing are further developed by the extension of grammar and level of reading material. Comprehension of the language is more fully developed by an increase of language use in the classroom.

**Prerequisites:** Spanish I. It is strongly recommended that the final grade be a 3- or higher in Spanish I.

**Method of Grading:** Tests, quizzes, homework, participation and projects

**Student Outcomes:** The student will be able to express needs, preferences, opinions, quantities, locations, lengths of time, comparisons, making plans and requests while acquiring vocabulary about household items and chores, daily activities, weather, current events, food, clothing and body parts. Cultural information on Latin America and Spain is continued.

**102 - SPANISH III****Year****2 Credits**

**Description:** This course develops originality and accuracy in the use of Spanish in speaking, reading, listening and writing. Emphasis is placed upon greater extension of vocabulary and grammar. Several verb tenses are introduced to enhance communication.

**Prerequisites:** Spanish II. It is strongly recommended that the final grade be a 3- or higher in Spanish II.

**Method of Grading:** Tests, quizzes, homework, participation and projects

**Student Outcomes:** The student will be able to express past actions, descriptions and intentions; express annoyance and requests, acquire vocabulary about household items and chores, daily activities, weather, current events, food, clothing and body parts. Cultural information on Latin America and Spain is continued.

**103 - SPANISH IV****Year****2 Credits**

**Description:** This course develops the conversational ability of the student to a level of free-conversation in Spanish. The student's reading and writing abilities are brought to a level of adult communication. Vocabulary is further developed and more verb tenses are introduced.

**Prerequisites:** Spanish III. It is strongly recommended that the final grade be a 3- or higher in Spanish III.

**Method of Grading:** Tests, quizzes, homework, participation and projects

**Student Outcomes:** The student will be able to re-express all language and topics previously learned while acquiring conversational skills about broadcasting, newspapers, magazines, travel and careers. Cultural information on Latin America is included with each lesson.

## **104 – ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE**

**Year 2 Credits**

**Description:** This course focuses on integrating grammar, vocabulary, and culture to develop the abilities of the students at a university level in the areas of informal and presentational speaking and writing as well as listening comprehension. It also offers an in depth look at literature to increase reading comprehension. Spanish is exclusively used by the instructor and students will strongly be encouraged to use Spanish exclusively. It should be understood that this course is the equivalent of a college level course.

Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** Spanish IV. It is strongly recommended that the final grade be a 3- or higher in Spanish IV.

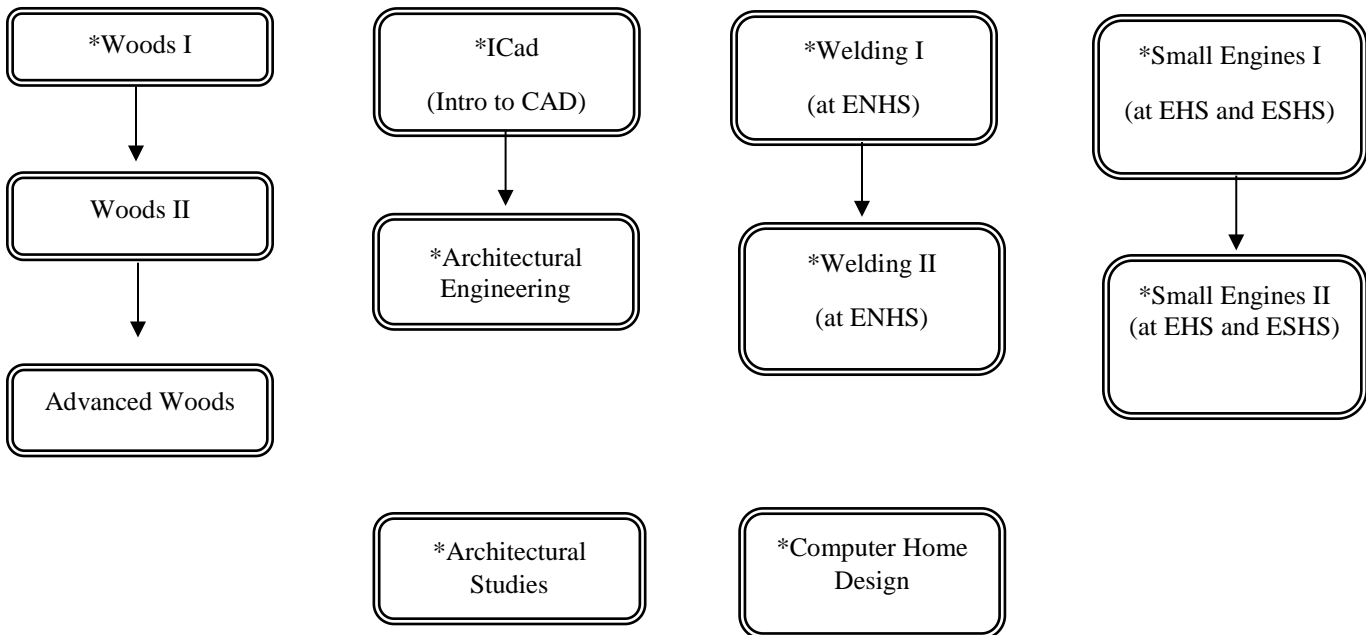
**Method of Grading:** Papers, presentations, projects, and quizzes. Grades earned in this course are weighted for GPA purposes if student earns a 1, 2, or 3.

**Student Outcomes:** Students will get an in-depth look at grammar, culture and literary analysis through reading about, writing about, listening to, and speaking about texts written in Spanish for Spanish speakers.



# INDUSTRIAL ARTS

\*semester class



## **650 - WOODWORKING TECHNOLOGY I**

**Semester**

**1 Credit**

**Description:** This is a basic hand woodworking class. This course involves using hand tools in the correct and safest way. Practical, safe working habits for the protection of self and others will be studied and practiced. Students will build projects which cover many different woodworking processes. Some power tools will be introduced to gear the student for Woods Technology II.

**Prerequisites:** Grades 9-11 or with instructor permission

**Method of Grading:** Attendance, assignments, tests, performance, projects, clean-up

**Student Outcomes:** The student will construct projects, identify basic woodworking hand tools, exhibit safety habits and contribute to a safe working environment, learn the basic related information pertaining to woodworking, read and construct drawings and plans to make a project in an orderly manner, learn to appreciate good workmanship, explore the possibility of woodworking as a leisure time activity.

## **652 - WOODWORKING TECHNOLOGY II**

**Year**

**2 Credits**

**Description:** The skills acquired in Woods Tech I form the platform to which we will build on. Expanding on the previous year's knowledge of hand and power tools, we will study the remaining power machines and their operation. Students will not be able to operate machines if they fail the above study. The course will then lead into preparation for individual projects. The student will be able to produce a complete set of plans (procedure, drawings, and bill of materials). There will be approximately 2 required projects. Safety will be heavily stressed. This class will meet in a classroom setting at least once a week.

**Prerequisites:** Woods Technology I completed with a 3 or higher or instructor permission

**Method of Grading:** Attendance, assignments, tests, performances, projects, clean-up

**Student Outcomes:** The student will develop the ability to work with others in a safe environment, learn the progressive order of working with wood using power tools, identify and demonstrate the use of various power tools, learn the basic related information pertaining to woodworking, read and construct drawings and plans to make projects in an orderly manner, appreciate good workmanship.



## **657 - ADVANCED WOODS**

**Year**

**2 Credits**

**Description:** The skills acquired from Woods Tech I and II form the platform on which students will build further knowledge. This class is basically a project building class. There will be some work throughout the year on group projects incorporating some building construction activities. This class will meet in a classroom setting at least once a week. This class may be repeated for credit.

**Prerequisites:** Woods I and II, grade of 3 or higher or instructor permission

**Method of Grading:** Attendance, assignments, tests, group work, special reports, performance

**Student Outcomes:** The student will develop the ability to work with others in a safe environment, learn advanced woodworking techniques, develop projects from this knowledge, and develop plans to be used for projects.

## **667 – ICAD (Intro to Computer Aided Drafting)**

**Semester**

**1 Credit**

**Description:** The extended objective of the Introduction to Computer Aided Drafting (ICad) course is designed to express the “Language” of the engineer/draftsman with a combination of computer-aided drafting and manual board drawing. The program is geared to scan across the technical field of modern day industry, presenting objects and parts in an unfamiliar perspective to most entering students. Our idea is to explain basic principles from a standpoint of mechanical production. The development of drafting skill can assist the student in producing working drawings for a variety of fields. All products have been produced through some method of drawing; it may consist of a simple sketch or a sophisticated presentation. These skills are maintained within the original concept of eye-mind-hand coordination, with the student being the graphic designer.

**Prerequisites:** Basic knowledge of math

**Method of Grading:** Drawings, tests

**Student Outcomes:** The student will develop the ability to draw construction prints of mechanical objects that are fully described and dimensioned.

## **663 – ARCHITECTURAL ENGINEERING**

**Semester**

**1 Credit**

**Description:** Architectural Engineering will introduce students to methods of building construction, the “construction process”, construction materials, site preparation, home orientation, and basic blueprint reading techniques. Class activities are designed to allow students the opportunity to generate drawings with the AutoCad software system, build scaled models, prepare design sketches, and explore home design plans. The class structure has been arranged for any student that has an interest in home design, architecture, engineering, or careers in construction. In addition, the study of home design and understanding of home building concepts will benefit all students regardless of their career interests.

**Prerequisites:** Introduction to Computer Aided Drafting (ICAD)

**Method of Grading:** AutoCad drawings, freehand sketches, scaled models, exams, quizzes, lab management, class assignments, class participation

**Student Outcomes:** The student will gain experiences in interpreting blueprints used in the residential construction industry, and use the information for determining structural and functional applications for home design. The class content will provide an understanding of the home for the career bound student as well as future home owners.

## **665 – COMPUTER HOME DESIGN**

**Semester**

**1 Credit**

**Description:** Computer Home Design is designed to provide entry level students having an interest in home design to gain the ability to read, understand, and create home design plans. The areas of focus for the class will involve developing room by room home planning with consideration to room sizes, traffic flow, electrical requirements, window and door styles and the use of architectural symbols. Student experiences will include computer design software applications, design sketching methods, floor plan model building, and kitchen design and planning.

**Prerequisites:** Grades 10-12

**Method of Grading:** Floor plan design drawings, display panel models, exams, quizzes, lab participation, and class assignments

**Student Outcomes:** The Computer Home Design class goal will be to provide the student with opportunities to create home designs. The student can build on previous drawing experiences with design software or knowledge of home design but is truly a class for the beginner interested in designing a home.

## **0669 – ARCHITECTURAL STUDIES**

**Semester**

**1 Credit**

**Description:** The Architectural Studies course will place an emphasis on the operations used in the industries related to design oriented practices. Students enrolled in this class will explore the various fields of engineering, study the “Architectural Process”, research and study the construction industry, and develop an understanding of the role general and sublet contractors play in construction. Student activities will involve power point development, student presentations, model building processes, career exploration, college curriculum offerings related to design, and material used in construction. This class may be repeated for credit.

**Prerequisites:** Grades 10-12, strong interest in the fields of engineering, architecture, construction, or related design areas

**Method of Grading:** Exams, quizzes, design projects, student presentations, group activities, design studio work, and class assignments

**Student Outcomes:** The student will create a portfolio which will reflect the career searches presentations and related class design work.

**660 – SMALL ENGINES I                      Semester      1 Credit                      Offered at Elkhorn High School and Elkhorn South High School ONLY**

**Description:** This class is a comprehensive small engines program designed to help all students understand the theory and principles of engine operation, engine maintenance, lab safety, and tool usage. Fundamental small engine operation principles will be presented by using textbooks and videos along with small engine models. This class includes small engine theory along with disassembly and reassembly of a small four-cycle engine along with a transportation and car maintenance unit.

**Prerequisites:** None. A study hall is required for students travelling.

**Method of Grading:** Attendance, assignments, tests and lab work

**Student Outcomes:** The student will learn the use of proper safety skills in a small engines lab, naming the parts of an internal combustion engine, identification and use of basic tools and test equipment related to small engines, identification of the basic systems of a small engine and their functions, overhauling a four-cycle engine, proper maintenance of a small engine, proper care and maintenance of an automobile.

**663 - SMALL ENGINES II                      Semester      1 Credit                      Offered at Elkhorn High School and Elkhorn South High School ONLY**

**Description:** This class is a comprehensive small engines program designed to help students understand the theory and principles of two-cycle engine operation and engine maintenance along with the various systems of a four-cycle engine. Two-cycle theory of small engine operation principles along with the study of four-cycle systems will be presented by using textbooks and videos along with small engine models. This class includes both the disassembly and reassembly of a small two-cycle engine along with overhauling and tune ups of both four- and two-cycle engines.

**Prerequisites:** Small Engines I, grade of 3 or better or instructor approval. A study hall is required for students travelling.

**Method of Grading:** Attendance, assignments, tests and lab work

**Student Outcomes:** The student will be able to name the parts of a two-cycle engine, identification and use of basic tools and test equipment related to two-cycle engines, understanding the governor system, understanding the electrical system, understanding the cooling and lubrication systems, troubleshooting a four-cycle engine, failure analysis of a four-cycle engine, overhauling a two- and four-cycle engine.

**671– WELDING I                                      Semester                                      1 Credit                                      Offered at Elkhorn North High School ONLY**

**Description:** Welding I class curriculum will offer students an in-depth application to the fundamentals of welding practices and safety. Students will learn welding techniques using Shielded Metal Arc Welding (SMAW), Gas Metal Inert Welding (MIG), Oxy-fuel Brazing, Oxy-Fuel Welding (OAW) and Oxyacetylene Cutting processes. Students will prepare weldments and use the various processes in the flat and horizontal welding positions as well as destructively testing the weldments to determine the weld quality. All equipment, supplies, and materials will be provided for this introductory Industrial Technology course. No welding experience is needed to enroll in Welding I.

**Prerequisites:** None. A study hall is required for students travelling.

**Method of Grading:** Lab projects, exams, quizzes, safety plan, lab management

**Student Outcomes:** Students will learn to operate welding and cutting equipment using safe and correct procedures for several types of welding processes.

**672 – WELDING II                                      Semester                                      1 Credit                                      Offered at Elkhorn North High School ONLY**

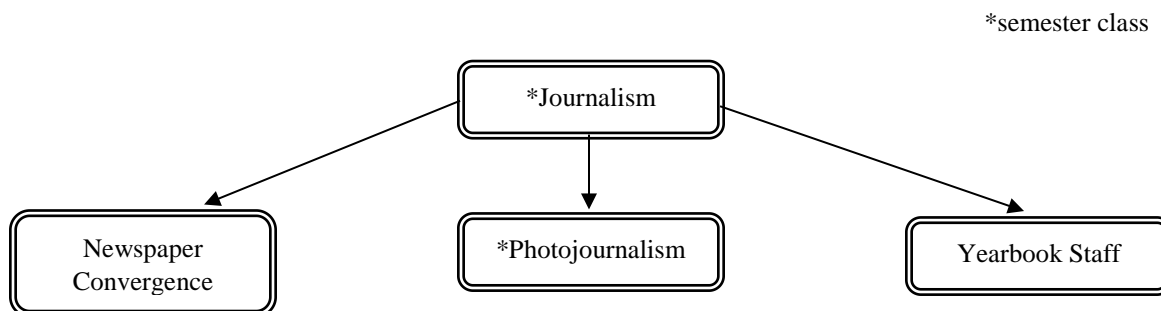
**Description:** Welding II class curriculum is a continuation of Welding I with an emphasis on welding in the vertical and overhead positions in addition to the introduction of Gas Tungsten Arc Welding (GTAW) and Fluxed Cored (FCAW) processes. This advanced level course will include C.N.C. (Computer Numeric Controlled) and manual plasma cutting, aluminum welding, blueprint reading, blueprint symbols, pipe welding, light fabrication projects, multi-pass welding, and introduction to basic metallurgy principles.

**Prerequisites:** Welding I. A study hall is required for students travelling.

**Method of Grading:** Lab projects, exams, quizzes, safety plan, lab management, blueprint reading and destructive testing processes.

**Student Outcomes:** Students will safely and correctly operate welding equipment, prepare and weld materials, and read welding blueprints to complete the required class projects.

# JOURNALISM



## **850 – JOURNALISM**

**Semester**

**1 Credit**

**Description:** Centered on the student interested in exploring a different style of writing, the world around the student both in and out of school, and the media itself, the class has wide appeal. Interviewing, writing in journalistic style, working with deadlines, and basic understanding of cooperation with teachers, students, and staff members are integral parts of the class. Students will receive an introduction to desktop publishing and computerized layout.

**Prerequisites:** None

**Method of Grading:** Tests/quizzes, deadlines, writing projects, class participation, submit article for school newspaper

**Student Outcomes:** The student will learn to write and appreciate journalistic writing by incorporating learned and new skills, every element connected with newspaper and yearbook will be explored and experienced.

## **854 – PHOTOJOURNALISM**

**Semester**

**1 Credit**

**Description:** This course is designed for students who would like to learn the basic operations of a digital camera and Photoshop techniques in taking and editing photos. Although special emphasis will be given to those areas of photography used in the advanced journalism classes of Newspaper and Yearbook, the students will also learn skills for the hobby photographer.

**Prerequisites:** Journalism

**Method of Grading:** Tests and quizzes, photography projects, Photoshop projects, and deadlines

**Student Outcomes:** The student will learn how to use a camera (components, functions, and general use), photographic creativity, photojournalism, pictorial composition and Photoshop techniques through lecture and practical application.

## **852 - NEWSPAPER CONVERGENCE**

**Year**

**2 Credits**

**Description:** This advanced journalism class is focused on production in a variety of media outlets. Students will use critical thinking skills to decide content to be distributed in a printed newspaper and an online newspaper complete with broadcast and podcast elements. Students will report, interview, write, design, photograph, work cooperatively, and adhere to deadlines. This is valuable in teaching students to adjust to any sort of business or academic atmosphere. Students will use Adobe Creative Suites for all publishing purposes.

**Prerequisites:** Journalism or advisor approval

**Method of Grading:** Deadlines, quantity of work, and quality of work based on rubrics and peer/self-evaluations

**Student Outcomes:** The student will be able to apply technology and writing skills to an actual deadline situation, a week-to-week adherence to deadlines and improvement in school coverage highlight the goals of the class.

## **853 - YEARBOOK STAFF**

**Year**

**2 Credits**

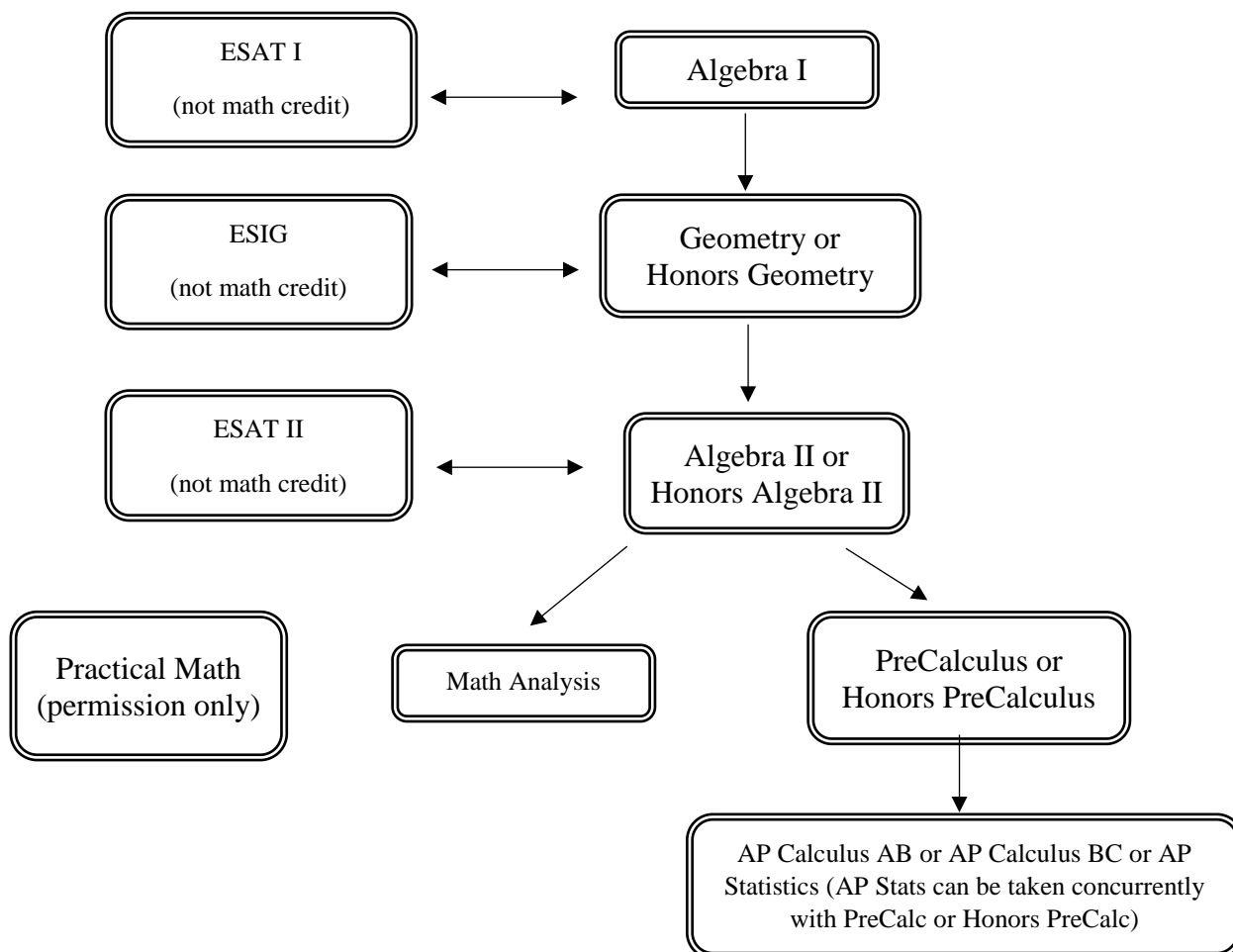
**Description:** This advanced journalism class is designed to give students the various skills required in the publication of a book. Although writing and photography skills are desirable, eagerness and enthusiasm are mandatory. Students will learn group cooperation along with the many aspects of layout, design and copy writing associated with the creation of a book. Students will use desktop publishing software to complete the book.

**Prerequisites:** Journalism or advisor approval

**Method of Grading:** Writing, final layout composition, attitude, use of class time, meeting deadlines

**Student Outcomes:** The student will gain an appreciation and distinct awareness of the "school year," will produce the design, written material and photos pertaining to a particular topic in the school year, gain an understanding of cooperation working with students, teachers, and fellow staff members.

# MATHEMATICS



## **211 – MATH FUNDAMENTALS**

**Year**

**2 Credits**

**Description:** This course helps students gain an understanding of numbers and their representation. Students will progress from intuitive notions about arithmetic to generalizations involving variables. As students acquire stronger skills they will focus on the use of algebra in problem solving, use formulas and proportions in application problems, and apply geometric concepts. At the completion of this course, students will be prepared to enroll in Algebra I.

**Prerequisites:** Recommendation only

**Method of Grading:** Assignments, quizzes, tests, and semester examination

**Student Outcomes:** The student will be able to analyze data, measure in English and metric units, work with three dimensional figures, and apply the principles of basic algebra and geometry.

## **212 - ALGEBRA I – CP**

**Year**

**2 Credits**

**Description:** This course is the basis for all other college prep mathematics courses. Topics covered include: number sets and language of Algebra, solving and graphing linear equations and inequalities, solving systems of equations, properties of exponents, operations on polynomials, quadratic equations, and an introduction to radical and rational expressions.

**Prerequisites:** Recommended for a student who has completed Pre-Algebra

**Method of Grading:** Homework, quizzes, tests, district common assessments, and semester exam

**Student Outcomes:** The student will possess a thorough understanding of the topics included in the course description; skills will serve as a foundation for all proceeding mathematics courses.

## **200 – ESAT--ESSENTIAL SKILLS ALGEBRA TOPICS**

**Semester/Year**

**1-2 Credits**

**Description:** This course is designed to increase the time for Algebra I instruction. Students will receive additional classroom instruction and support to supplement the Algebra I curriculum. Instruction will include a combination of pre-instruction and reinforcement of topics to support the Algebra curriculum.

**Prerequisites:** Enrolled in Algebra I, based on teacher recommendations, and standardized and adaptive test results

**Method of Grading:** Determined by teacher: evaluations, observations and student performance. This course will be graded pass/fail and does not count as math credit.

**Student Outcomes:** The student will strengthen skills in algebra and demonstrate competencies in Algebra I.

## **214 - GEOMETRY – CP**

**Year**

**2 Credits**

**Description:** Geometry is a course designed for students who have mastered basic algebraic concepts. Topics covered include: logic and proofs, parallel and perpendicular lines, polygons and circles, similarity, right triangle trigonometry, perimeter, area, volume, and transformations.

**Prerequisites:** Algebra I

**Method of Grading:** Homework, quizzes, tests, district common assessments, and semester exam

**Student Outcomes:** The student will possess a thorough understanding of the topics included in the course description.

## **201 – ESIG--ESSENTIAL SKILLS IN GEOMETRY**

**Semester/Year**

**1-2 Credits**

**Description:** This course is designed to increase the time for Geometry instruction. Instruction will include a combination of pre-instruction and reinforcement of topics to support the Geometry curriculum.

**Prerequisites:** Enrolled in Geometry, based on teacher recommendations, and standardized and adaptive test results

**Method of Grading:** Determined by teacher: evaluations, observations and student performance. This course will be graded pass/fail and does not count as math credit.

**Student Outcomes:** The student will strengthen skills in Geometry and demonstrate competencies in Geometry.

## **220 - HONORS GEOMETRY – CP**

**Year**

**2 Credits**

**Description:** Geometry is a course designed for students who have mastered basic algebraic concepts. Topics covered include: logic and proofs, parallel and perpendicular lines, polygons and circles, similarity, right triangle trigonometry, perimeter, area, volume, and transformations. This course is designed to move at a rapid pace with more discovery and depth than Geometry.

**Prerequisites:** Recommended by instructor(s) and a solid foundation in Algebra

**Method of Grading:** Homework, quizzes, tests, district common assessments, and semester exam

**Student Outcomes:** The student will possess a thorough understanding of the topics included in the course description.

## **213 - ALGEBRA II – CP**

**Year**

**2 Credits**

**Description:** Algebra II develops the structure of the real and complex number system. This course builds on Algebra I and Geometry. Topics covered include: equations, inequalities, linear functions, systems, quadratic functions, polynomial functions, exponential functions, logarithms, probability, statistics, rational functions and conic sections.

**Prerequisites:** Algebra I and Geometry

**Method of Grading:** Homework, quizzes, tests, district common assessments, and semester exam

**Student Outcomes:** The student will be able to communicate, reason, and analyze mathematically by applying the concepts learned in this course.

## **202 – ESAT--ESSENTIAL SKILLS ALGEBRA TOPICS II**

**Semester/Year**

**1-2 Credits**

**Description:** This course is designed to increase the time for Algebra II instruction. Instruction will include a combination of pre-instruction and reinforcement of topics to support the Algebra II curriculum.

**Prerequisites:** Enrolled in Algebra II, based on teacher recommendations, and standardized and adaptive test results

**Method of Grading:** Determined by teacher: evaluations, observations and student performance. This course will be graded pass/fail and does not count as math credit.

**Student Outcomes:** The student will strengthen skills in algebra and demonstrate competencies in Algebra II.

## **223 - HONORS ALGEBRA II – CP**

**Year**

**2 Credits**

**Description:** Algebra II develops the structure of the real and complex number system. This course builds on Algebra I and Geometry. Topics covered include: equations, inequalities, linear functions, systems, quadratic functions, polynomial functions, exponential functions, logarithms, probability, statistics, rational functions and conic sections. This course is designed to move at a rapid pace with more discovery and depth than Algebra II.

**Prerequisites:** Teacher recommendation

**Method of Grading:** Homework, quizzes, tests, district common assessments, and semester exam

**Student Outcomes:** The student will be able to communicate, reason, and analyze mathematically by applying the concepts learned in this course.



## **224 - MATH ANALYSIS – CP**

**Year**

**2 Credits**

**Description:** This course is designed for students who need to enhance their algebraic skills to prepare for College Algebra. Topics covered include: algebraic functions and operations, trigonometric functions, solving linear, quadratic and polynomial equations and transformation of function graphs.

**Prerequisites:** Algebra II and teacher recommendation

**Method of Grading:** Homework, quizzes, tests, district common assessments, and semester exam

**Student Outcomes:** The student will be able to communicate, reason, and analyze mathematically by applying the concepts learned in this course.

## **215 - PRE-CALCULUS - CP**

**Year**

**2 Credits**

**Description:** The Pre-Calculus course builds a solid foundation of advanced mathematics skills and concepts. Topics covered include: transformations of parent graphs and an in-depth study of functions including power, rational, exponential, radical, logarithmic with inverses, complex numbers, applications and solving equations. Second semester topics include: trigonometric functions with graphing, identities, solving equations and applications.

**Prerequisites:** Completion of Algebra II with a grade of 3 or higher

**Method of Grading:** Homework, quizzes, tests, district common assessments, and semester exam

**Student Outcomes:** The student will be able to communicate, reason, and analyze mathematically by applying the concepts learned in this course.

## **227 – HONORS PRE-CALCULUS – CP**

**Year**

**2 Credits**

**Description:** The Pre-Calculus course builds a solid foundation of advanced mathematics skills and concepts. Topics covered include: transformations of parent graphs and an in-depth study of functions including power, rational, exponential, radical, logarithmic with inverses, complex numbers, applications and solving equations. Second semester topics include: trigonometric functions with graphing, identities, solving equations and applications. This course is designed to move at a rapid pace with more discovery and depth than Pre-Calculus. The additional topics include: conic sections, parametric equations, vectors, sequences and series.

**Prerequisites:** Teacher recommendation

**Method of Grading:** Homework, quizzes, tests, district common assessments, and semester exam

**Student Outcomes:** The student will be able to communicate, reason, and analyze mathematically by applying the concepts learned in this course.

## **216 - ADVANCED PLACEMENT CALCULUS – AB – CP**

**Year**

**2 Credits**

**Description:** Advanced Placement Calculus is designed to prepare students for the Advanced Placement calculus exam. Topics covered include: solving limits, determining continuity, calculating derivatives and integrals, and solving differential equations. It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** Pre-Calculus

**Method of Grading:** Homework, quizzes, tests, district common assessments, and semester exam. Grades earned in this course are weighted for GPA purposes if student earns a 1, 2, or 3.

**Student Outcomes:** This Advanced Placement (AP) course in Calculus consists of a full high school academic year of work that is comparable to Calculus I courses in colleges and universities. The course emphasizes a multi-representational approach to Calculus with concepts, results and problems being expressed numerically, analytically and verbally.

## **228 – ADVANCED PLACEMENT CALCULUS - BC – CP**

**Year**

**2 Credits**

**Description:** Advanced Placement Calculus is designed to prepare students for the Advanced Placement calculus exam. Topics covered include: solving limits, determining continuity, calculating derivatives and integrals, solving differential equations, determining convergence of sequences and series and investigating properties of vectors, parametric and polar equations. It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** Honors Pre-Calculus and teacher recommendation

**Method of Grading:** Homework, quizzes, tests, district common assessments, and semester exam. Grades earned in this course are weighted for GPA purposes if student earns a 1, 2, or 3.

**Student Outcomes:** This Advanced Placement (AP) course in Calculus consists of a full high school academic year of work that is comparable to Calculus I and II courses in colleges and universities. The course emphasizes a multi-representational approach to Calculus with concepts, results and problems being expressed numerically, analytically and verbally.

## **229 - ADVANCED PLACEMENT STATISTICS – CP**

**Year**

**2 Credits**

**Description:** Advanced Placement Statistics is designed to prepare students for the Advanced Placement Statistics exam. The content will consist of the statistical concepts tested on the exam including exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Topics covered include: graphical and numerical techniques, collecting and analyzing data using appropriate methods, using probability as a tool for anticipating distributions of data, and applying statistical inference to draw conclusions. It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** Either credit in Honors Algebra 2 OR Precalculus OR enrolled in Precalculus or Honors Precalculus with AP Statistics OR Math Department approval

**Method of Grading:** Homework, quizzes, tests, district common assessments, and semester exam. Grades earned in this course are weighted for GPA purposes if student earns a 1, 2, or 3.

**Student Outcomes:** This Advanced Placement (AP) course in Statistics consists of a full high school academic year of work that is comparable to a beginning statistics semester course in colleges and universities. The student will be able to communicate, reason, and analyze statistics by applying the concepts learned in this course.

## **219 - PRACTICAL MATHEMATICS**

**Year**

**2 Credits**

**Description:** The course covers the use of mathematics in everyday living. Topics covered include: banking services (loans, checking accounts, savings accounts), insurance (car, life, medical, fire), personal income, income tax, metric system, consumer purchases, and investments.

**Prerequisites:** Grade 12 and teacher recommendation

**Method of Grading:** Homework, quizzes, tests, district common assessments, and semester exam

**Student Outcomes:** Students will understand how interest is earned on savings accounts and paid on loans, what affects premiums on insurance (life, car, medical, home-owners, etc.), how to fill out tax return 1040A and 1040, the metric system, what affects take-home pay, and the basic math skills necessary to be a thrifty consumer.

# MUSIC

Freshman Band

Freshman Chorus

\*semester class

10 – 12 Band

Women's Choir

Mixed Choir

Concert Choir  
(by audition)

Jazz Band and Show Choir = no credit

\*Music Theory

## **745 - FRESHMAN BAND**

**Year**

**2 Credits**

**Description:** All students will select to participate in either competitive or campus marching bands. Band directors will discuss these two options with students and parents. At the end of the marching season the band transitions into a concert band, which meets during 1st period. At the start of semester 2, this ensemble will meet 2nd hour, and will perform at several local concerts and at least one adjudicated event. Members of the band also perform in pep bands that perform at selected volleyball, football playoffs and basketball games.

**Prerequisites:** Demonstration of basic musical fundamental skills including: knowing note names, rhythm counting and performing, knowing basic music vocabulary. Students who are new to the district or who have previously dropped Band in Elkhorn, must complete a placement hearing.

**Method of Grading:** Attendance, class participation and effort, participation in scheduled performances, playing assessments, written assessments, student and teacher evaluations.

**Student Outcomes:** The student will have an opportunity to develop new musical skills as well as work towards mastery of existing skills.

## **750 - BAND**

**Year**

**2 Credits**

**Description:** All students will select to participate in either competitive or campus marching bands. Band directors will discuss these two options with students and parents. At the end of the marching season the band transitions into a concert band, which meets during 1st period. This ensemble will perform at several local concerts and District Music Contest. Members of the band also perform in pep bands that perform at selected volleyball, football playoffs and basketball games.

**Prerequisites:** Demonstration of basic musical fundamental skills including: knowing note names, rhythm counting and performing, knowing basic music vocabulary. Students who are new to the district or who have previously dropped Band in Elkhorn, will complete a placement hearing.

**Method of Grading:** Attendance, class participation and effort, participation in scheduled performances, playing assessments, written assessments, student and teacher evaluations

**Student Outcomes:** The student will have an opportunity to develop new musical skills as well as work towards mastery of existing skills.

## **749 - JV JAZZ BAND**

**Year**

**0 Credits**

**Description:** JV Jazz Band will study and perform in the areas of swing, rock, funk, big band sound and other musical styles. Students may be expected to perform outside of the school day at various events. This is a performing ensemble. This class begins second quarter and rehearses 2-3 mornings a week.

**Prerequisites:** Current member of Band, and placement audition

**Method of Grading:** Attendance, attitude, participation, performance, assignments and assessments.

**Student Outcomes:** The students will develop skills in performing various styles of jazz literature as well as gaining self-confidence performing in a chamber-like ensemble.



**752 - JAZZ BAND****Year****0 Credits**

**Description:** Jazz Band will study and perform the areas of jazz, rock, big band sound and other musical styles. Students will be expected to perform outside of the school day at various events. This class begins the second quarter and rehearses 3 mornings per week.

**Prerequisites:** Current member of Band, appropriate instrument for needed instrumentation, and placement audition. Band member expectation may be waived for color instruments not included in the normal concert band instrumentation (guitar, bass, piano).

**Method of Grading:** Attendance, attitude, rehearsal participation, participation at performances, written and playing assessments

**Student Outcomes:** The student will develop skills in performing various styles of jazz literature as well as gaining self-confidence performing in a chamber-like ensemble.

**758 - FRESHMAN CHORUS****Year****2 Credits**

**Description:** This course is designed for the young high school singer. While in Freshman Chorus the students will sing a variety of styles and types of music. They will perform in three to four concerts per year. Much emphasis will be placed on learning to read and understand both rhythms and notes. Sight singing will then be introduced.

**Prerequisites:** Grade 9

**Method of Grading:** Attendance, participation, attitude, individual assessments, quizzes and written assignments

**Student Outcomes:** The student will begin to develop the basic skills necessary to be successful in a choral ensemble which performs more demanding music.

**755 - MIXED CHORUS****Year****2 Credits**

**Description:** This course is designed to give the high school student the opportunity to participate in a mixed vocal music ensemble. Mixed chorus members will learn rhythm reading and sight singing techniques. Students will be expected to perform in numerous concerts throughout the year. Emphasis will also be placed on singing various styles of music and developing the student's individual technique through group activities.

**Prerequisites:** Grade 10-12

**Method of Grading:** Attendance, participation, self-evaluation, punctuality, attitude, dependability, quizzes and written assignments

**Student Outcomes:** The student will develop part singing techniques for singing in a mixed choral group.

**762 – WOMEN’S CHOIR****Year****2 Credits**

**Description:** This course is designed to give the high school student an opportunity to participate in an all-girls choral ensemble.

Women's Choir members will learn rhythm reading and sight singing techniques. Students will be expected to perform in numerous concerts throughout the year. Emphasis will also be placed on singing various styles of music and developing the student's individual techniques through group activities.

**Prerequisites:** Grades 10-12 Women

**Method of Grading:** Attendance, participation, self-evaluation, punctuality, attitude, dependability, quizzes, and written assignments

**Student Outcomes:** The student will develop part-singing techniques for singing in an all-women's voice choir.

**751 – CONCERT CHOIR****Year****2 Credits**

**Description:** The course is similar to Mixed Chorus, however, more emphasis is placed on performance, and more difficult music is performed. Attendance and participation are required at all concerts. All areas of study previously covered are studied in more depth. Students are also given the opportunity to audition for numerous honor choirs. Some students will also participate in our conference clinic and the chorus will attend District Music Contest.

**Prerequisites:** Grades 10-12, audition required

**Method of Grading:** Attendance, participation, punctuality, self-evaluation, attitude, dependability, performance, written assignments

**Student Outcomes:** The student will be exposed to a wide variety of musical styles, informed of and exposed to various ways to improve their vocal technique.

**07533 – JV SHOW CHOIR****Year****0 Credits**

**Description:** Show Choir is a performance organization combining choreographed movement and music. Students chosen by audition will be expected to purchase an outfit for group uniformity. Students will be expected to participate in a number of arranged performances, concerts and district music contests.

**Prerequisites:** Freshman Chorus, Mixed Chorus, Women's Choir, or Concert Choir; audition required

**Method of Grading:** Punctuality, attendance, participation, performance.

**Student Outcomes:** Develop skills in performing various popular styles of music, learn appropriate stage movements.

**753 - SHOW CHOIR****Year****0 Credits**

**Description:** Show Choir is a performance organization combining choreographed movement and music. Students chosen by audition will be expected to purchase an outfit for group uniformity. Students will be expected to participate in a number of arranged performances, concerts and district music contests.

**Prerequisites:** Freshman Chorus, Mixed Chorus, Women's Choir, or Concert Choir; audition required

**Method of Grading:** Punctuality, attendance, participation, performance

**Student Outcomes:** The student will develop skills in performing various popular styles of music, learn appropriate stage movements.

**07541 – JAZZ/ A CAPPELLA CHOIR****Year****0 Credits**

**Description:** Madrigal is an organization that performs a variety of music. Students chosen by audition will be expected to purchase an outfit for group uniformity. Students will be expected to participate in a number of arranged performances, concerts, conference clinic and district music contests.

**Prerequisites:** Freshman Chorus, Mixed Chorus, Women's Choir, or Concert Choir; audition required

**Method of Grading:** Punctuality, attendance, participation, performance

**Student Outcomes:** The student will develop the necessary self-confidence to perform in a small group, learn a variety of styles of music, with emphasis on singing techniques.

**757/760 - MUSIC THEORY & APPRECIATION****Semester****1 Credit**

**Description:** Music Theory deals with the basic elements of music such as note names, key signatures, rhythms, and terminology. As the student progresses, he/she will begin simple to complex part-writing, arranging, analysis, and ear training. This class is repeatable for credit with permission only from instructor.

**Prerequisites:** Approval of band or choral director

**Method of Grading:** Daily work, tests, and quizzes

**Student Outcomes:** The student will understand the basic elements of music and be prepared for the intense music courses at the college level.

# PERFORMING ARTS

\*semester class

\*Acting

\*Speech and Debate

\*Performance Theatre

\*Dramatic Production

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THE FOLLOWING COURSES WILL NOT SUBSTITUTE AS ENGLISH CREDITS.

## **038 – ACTING**

**Semester**

**1 Credit**

**Description:** The objective of this course is to develop the actor's craft and to explore scene work. Students will be working on the concepts of improvisation, character analysis, movement, auditioning, staging, and investigate the connections between theatre and society. This class may be repeated for credit.

**Prerequisites:** None

**Method of Grading:** Quality of individual and group performances, skill development, scene completion, and proficient acting abilities.

**Student Outcomes:** The student will gain self-assurance and confidence in performing, enhance performance skills, and increase knowledge of performing arts.

## **047/048 – PERFORMANCE THEATRE**

**Semester**

**1 Credit**

**Description:** The objective of the course is to delve into the unique aspects of theatre while exploring the relationship between the literature of the script and the script in performance; the audience and the performance; and the changing role of theatre throughout history. This class may be repeated for credit.

**Prerequisites:** None

**Method of Grading:** Quality of performances in several shows, script analysis, projects, and audience response evaluations.

**Student Outcomes:** Student will gain knowledge of the rehearsal process, theatrical performances, explore history through plays/musicals, and examine the relationship between audience and production.

## **051/052 – SPEECH AND DEBATE**

**Semester**

**1 Credit**

**Description:** This course includes preparation of various types of speeches, debates, persuasive speaking, and group/individual presentations. Students may use this class to prepare for competitive speech team, debate team, class presentations, persuasive speaking, and interviews. This class may be repeated for credit.

**Prerequisites:** None

**Method of Grading:** Logical progression of ideas and supporting information, quality of delivery, tests, and competition critique sheets.

**Student Outcomes:** The student will gain self-assurance and confidence with presentations, interpretation, public speaking, and prepare for speech and/or debate teams as necessary.

## **049/050 – DRAMATIC PRODUCTION**

**Semester**

**1 Credit**

**Description:** The objective of this course is to explore the technical aspects of theatrical productions, as well as an introduction to the industry. This course will include directing, script writing, designing, construction, and the exploration of non-acting careers in theatre. This class may be repeated for credit.

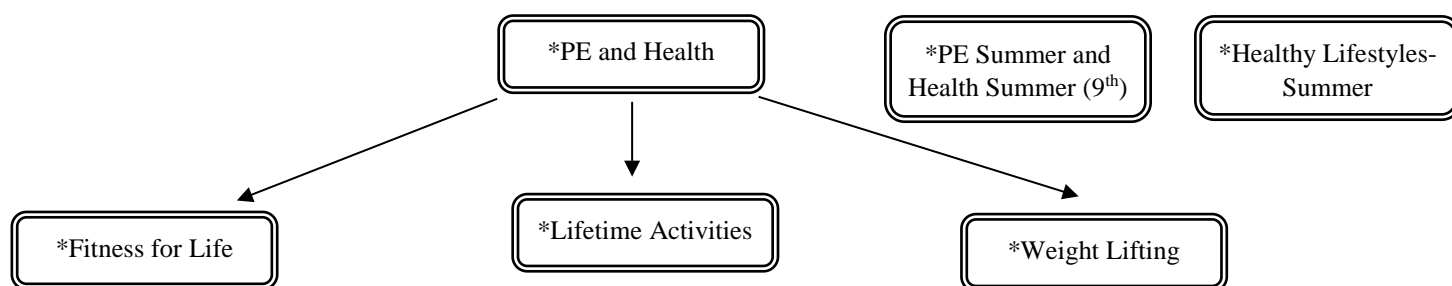
**Prerequisites:** None

**Method of Grading:** Evaluation of assignments, tests, operation of equipment, project completion

**Student Outcomes:** The student will learn to use and care for the equipment in our auditorium; also develop the necessary background to work on various types of productions from the technical aspect.

# PHYSICAL EDUCATION

\*semester class



## **800 - PE & HEALTH**

**Semester (.5 credit for PE and .5 credit for Health)**

**1 Credit**

**Description:** This course is designed to show the importance of physical fitness and health in today's society. Half of class time will be devoted to physical activity and half will be spent in the classroom. The P.E. class is devoted to developing wellness, the 5 components of physical fitness, and a pattern for lifetime exercise. The health component will include the areas of personal fitness, eating disorders, healthy & unhealthy relationships, suicide, stress, systems of the body (integumentary, skeletal, muscular, and reproductive), STD's, and CPR certification.

**Prerequisites:** Freshman

**Method of Grading:** Physical education will be evaluated on the basis of cooperation, attendance, attitude, participation, effort, and skill development. The health component will be graded by tests, homework, projects, participation, as well as the ability to demonstrate respect for other students' questions and opinions. Students will receive a separate number grade for the physical education and health portion of the class.

**Student Outcomes:** The student will become aware of the importance of physical fitness in one's daily activities. The student will be able to understand the basics of goal setting and decision making. The student will be able to identify different types of relationships, including family and friends. The student will know the characteristics of a healthy lifestyle and understand and recognize crisis situations. Students should be able to demonstrate refusal strategies to harmful situations. Students will have an opportunity to gain CPR certification from the American Heart Association.

## **820 - PE SUMMER & HEALTH SUMMER**

**Semester (.5 credit for PE and .5 credit for Health)**

**1 Credit**

**Description:** This summer course is designed to show the importance of physical fitness and health in today's society. Half of class time will be devoted to physical activity and half will be spent in the classroom. The P.E. class is devoted to developing wellness, the 5 components of physical fitness, and a pattern for lifetime exercise. The health component will include the areas of personal fitness, eating disorders, healthy & unhealthy relationships, suicide, stress, systems of the body (integumentary, skeletal, muscular, and reproductive), STD's, and CPR certification.

**Prerequisites:** This course is only available for incoming freshmen and incoming sophomores. Students and parents must submit a signed contract, which outlines rules and expectations for participation in the course.

**Method of Grading:** Physical education will be evaluated on the basis of cooperation, attendance, attitude, participation, effort, and skill development. The health component will be graded by tests, homework, projects, participation, as well as the ability to demonstrate respect for other students' questions and opinions. Students will receive a separate number grade for the physical education and health portion of the class.

**Student Outcomes:** The student will become aware of the importance of physical fitness in one's daily activities. The student will be able to understand the basics of goal setting and decision making. The student will be able to identify different types of relationships, including family and friends. The student will know the characteristics of a healthy lifestyle and understand and recognize crisis situations. Students should be able to demonstrate refusal strategies to harmful situations. Students will have an opportunity to gain CPR certification from the American Heart Association.

# **PHYSICAL EDUCATION**

## **821 – HEALTHY LIFESTYLES -SUMMER**

**Semester 1 Credit**

**Description:** This summer course is designed for students who wish to enhance their personal health and fitness through a variety of field trips, fitness activities, team, individual and recreational activities. In the physical education component, students will be involved in physical activities which will include weight training, cardio training, core and flexibility training along with games that can be incorporated into a lifelong fitness program. The health component will include areas of personal fitness, weight management, nutrition, digestive health, first aid and athletic training. Career exploration opportunities introduce students to professionals in the areas of health, wellness and fitness.

**Prerequisites:** PE & Health or PE Summer & Health Summer, Grades 10-12

**Method of Grading:** Physical Activity will be evaluated on the basis of cooperation, attendance, attitude, participation, effort and skill development. The health component will be graded by tests, homework, projects, participation as well as the ability to demonstrate respect for other students' questions and opinions.

**Student Outcomes:** The student will be able to sustain a healthy lifestyle. The student will become aware of the importance of physical fitness and physical activity in one's daily life. The student become aware of possible career choices in the areas of health, nutrition and fitness.

## **813/814- FITNESS FOR LIFE**

**Semester 1 Credit**

**Description:** This course is for a student who wishes to enhance their fitness through a variety of fitness based activities, which include cardiovascular, core strength, flexibility and strength training, along with nutrition. This course may be repeated for credit.

**Prerequisites:** PE & Health or PE Summer & Health Summer, Grades 10-12

**Method of Grading:** Attendance, effort, participation, and attitude

**Student Outcomes:** Students will be able to sustain a fitness based lifestyle.

## **803/804 - LIFETIME ACTIVITIES**

**Semester 1 Credit**

**Description:** Students will increase their overall health and maintain healthier fitness habits through a variety of lifelong skills and activities. The class will provide a wide range of activities that include: cardio training, strength training, core and flexibility, along with games that can be incorporated into a lifelong fitness program. This course may be repeated for credit.

**Prerequisites:** PE & Health or PE Summer & Health Summer, Grades 10-12

**Method of Grading:** Participation, effort, attitude, attendance, tests

**Student Outcomes:** Students will be able to develop a lifelong program for healthy living.

## **809/810 - WEIGHT LIFTING**

**Semester 1 Credit**

**Description:** Students will develop cardiovascular fitness, strength, flexibility, and proper lifting techniques, through a variety of activities. This course may be repeated for credit.

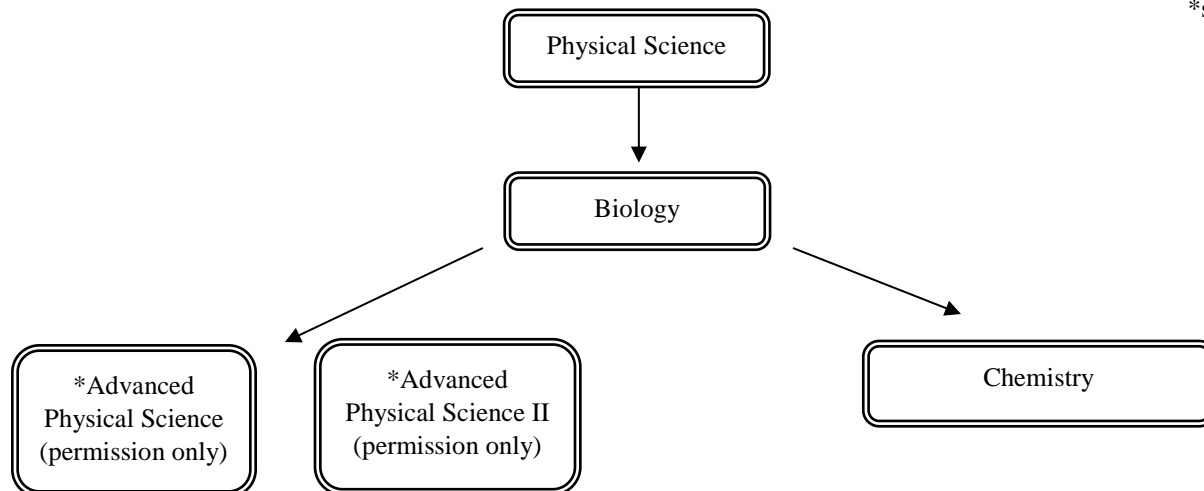
**Prerequisites:** PE & Health or PE Summer & Health Summer, Grades 10-12

**Method of Grading:** Participation, effort, attitude, skills tests, and written tests

**Student Outcomes:** Students should be able to understand and develop a useful weight training program.

# SCIENCE

\*semester class



## ELECTIVES (Check Prerequisites)



### **321 - PHYSICAL SCIENCE – CP**

**Year**

**2 credits**

**Description:** This course is composed of physical science topics including: motion, forces, energy, and the composition and interactions of matter. Key topics include: heat transfer, units of measurement, kinematics, energy, light, states of matter, the periodic table, chemical reactions, gases and solutions. This course is a prerequisite and lays the foundations needed to succeed in Biology, Chemistry, and AP Physics 1.

**Prerequisites:** None

**Method of Grading:** Tests, homework, participation, lab work, projects

**Student Outcomes:** The student will gain a better understanding of physical science and the development of problem solving skills critical to success in Biology, Chemistry, and AP Physics 1.

### **311 - BIOLOGY – CP**

**Year**

**2 Credits**

**Description:** This course will introduce students to the study of living organisms. Specifically, we will study cellular biology, genetics, molecular genetics and cellular energetics. An understanding of genetics gives meaning to organized variation, evolution and methods of scientific classification units dealing with microbiology, multicellular plants and animals.

**Prerequisites:** Grade 10 and successful completion of Physical Science

**Method of Grading:** Daily work, labs, test, projects, dissections, and final

**Student Outcomes:** The student will acquire a greater understanding of the world in which we live and the ability to use a scientific approach in these efforts.

### **333 - ADVANCED PHYSICAL SCIENCE – CP**

**Semester**

**1 credit**

**Description:** This course is a combination of conceptual physics and analytical chemistry (performance & lab based). The skills utilized and developed in the course include: data interpretation, data collection, basic analysis, and experimental design with emphasizes on 21st century science skills. Topics include: Newton's Laws, Velocity & Acceleration, Conservation of Energy, Momentum, Gravity, Friction, Indicators, Chemical Properties, and Conservation/Properties of Mass/Matter.

**Prerequisites:** Physical Science

**Method of Grading:** Tests, homework, participation, lab work, projects

**Student Outcomes:** The student will gain a better understanding the physical sciences while using problem solving, critical thinking, data analysis and questioning skills to help develop hypothesis and draw conclusions based on data and observations.



**334 - ADVANCED PHYSICAL SCIENCE II– CP****Semester****1 credit**

**Description:** This is a college preparation conceptual chemistry course (performance & lab based). The skills utilized and developed in the course include: data interpretation, data collection, basic analysis, and experimental design with emphasis on science skills. Topics include: Moles, Phases of matter (phase diagrams; Solids - metal/alloy characteristics, metallurgic properties; Liquids - solutions, hydraulics, solubility; Gases - gas laws, pressure; Water - importance and characteristics of each phase; and Thermodynamics (enthalpy -bonds broken vs bonds formed, entropy – disorder within systems).

**Prerequisites:** Physical Science

**Method of Grading:** Tests, homework, participation, lab work, projects

**Student Outcomes:** The student will gain a better understanding of the mathematical relationship of particles, a functional ability to apply phase characteristics while using problem solving, critical thinking, graphical and data analysis and questioning skills. The student will be able to apply thermodynamic topics to multiple phases. The student will be able to assess and predict thermodynamic changes to reaction systems. Laboratory skills will be enhanced due to a specific curriculum design around labs.

**324 – HUMAN ANATOMY AND PHYSIOLOGY – CP****Year****2 Credits**

**Description:** This course will be devoted to studying the 11 major systems of the body. Other topics covered will include the chemical basis of life, cells, tissues, and an introduction to medical terminology. Although not an advanced placement course, anatomy and physiology is taught as a college-based lecture/laboratory course with the emphasis placed on preparing students for college and the allied-health professions.

**Prerequisites:** Grades 11-12 and successful completion of Biology or approval by the instructor

**Method of Grading:** Tests, vocabulary quizzes, oral reports, labs including dissections, and daily assignments

**Student Outcomes:** The student will develop an understanding of the structure and function of the human body by examining the body systems and to provide a foundation for those students entering college and the allied-health professions.

**315 - CHEMISTRY – CP****Year****2 Credits**

**Description:** This course is recommended for students interested in going on to college. Approximately 15 chapters including topics on methods, atomic structure, periodic law, chemical composition, gas laws and mass to mole relationships will be covered. There will be at least one demonstration or lab activity with each chapter designed to use the scientific methods and reinforce topics covered in the text.

**Prerequisites:** Grades 11-12 and successful completion of Physical Science and Biology; currently taking or have taken Algebra II

**Method of Grading:** Daily assignments, laboratory techniques and conclusions, pop quizzes, chapter and final tests

**Student Outcomes:** The student will benefit from this solid course for college preparation plus a clearer understanding of many observable natural occurrences, involving such things as boiling and melting points, energies absorbed or produced in chemical reactions and logical solutions to problem solving.

**316 – ADVANCED PLACEMENT PHYSICS 1 – CP****Year****2 Credits**

**Description:** AP Physics 1 is a full-year course equivalent to a first-semester introductory college-level course in algebra-based physics. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound. It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** Completion of or concurrent enrollment in Algebra II

**Method of Grading:** Tests, quizzes, lab work, problem assignments, challenges, and participation. Grades earned in this course are weighted for GPA purposes if students earn a 1, 2, or 3.

**Student Outcomes:** Students will gain a strong conceptual and mathematical foundation needed for entering college majors such as pre-medicine, engineering, chemistry/materials science, science education, physics, and astronomy. In addition, students will gain a greater appreciation and understanding of the physical world that they experience every day.

**326 – ADVANCED PLACEMENT BIOLOGY – CP****Year****2 Credits**

**Description:** AP Biology will be offered to students interested in exploring the diversity and interdependence in our living world. Students will develop a conceptual understanding of biology as they acquire important information and refine their laboratory skills. This course will provide an in-depth study of all major biology topics including the molecular basis of life, cells, genetics, biotechnology, and the environment. It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** Grades 11-12, successful completion of Biology and currently enrolled in or have taken Chemistry

**Method of Grading:** Assignments, laboratory reports, projects, quizzes, chapter tests, and final exam. Grades earned in this course are weighted for GPA purposes if students earn a 1, 2, or 3.

**Student Outcomes:** The student will gain a strong foundation needed for entering into a life science related major in college.



**325 - ADVANCED PLACEMENT CHEMISTRY – CP****Year****2 Credits**

**Description:** Students will quickly review topics covered in Chemistry. Upon this foundation students will study in greater detail nomenclative structure and reactivity of compounds, chemical equilibrium, ionization constants, reaction kinetics, and ionization reduction reactions. It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

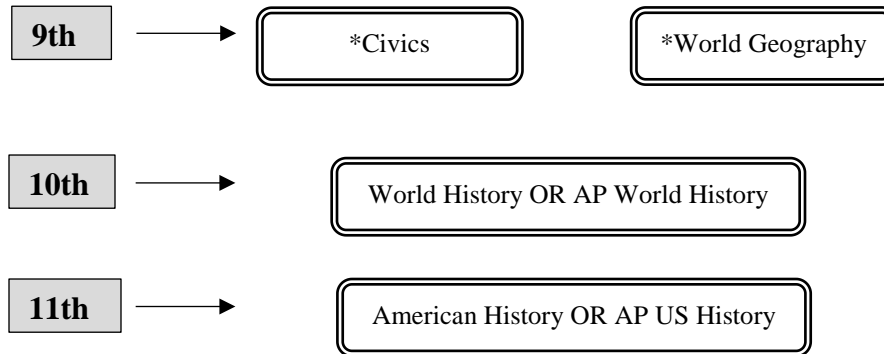
**Prerequisites:** Successful completion of Chemistry

**Method of Grading:** Daily assignments, laboratory techniques and reports, pop quizzes over assigned readings, chapter and final tests. Grades earned in this course are weighted for GPA purposes if students earn a 1, 2, or 3.

**Student Outcomes:** The student will gain a sound foundation for entering a chemistry related field in college.

# SOCIAL SCIENCES

\*semester class



## 11TH AND 12<sup>TH</sup> GRADE ELECTIVES



### **410 - CIVICS – CP**

**Semester**

**1 Credit**

**Description:** Civics is a course on citizenship. It is a study of the three levels of government-local, state and federal. It provides information on how each branch: the legislature, the executive, and the judicial, check on one another. This would also include discussing the two party system of government, the election process, U.S. economic system, and the role of the citizen.

**Prerequisites:** None

**Method of Grading:** Daily situations including discussions, written work or testing

**Student Outcomes:** The student will gain an understanding of their role in government participation.

### **411 - WORLD GEOGRAPHY – CP**

**Semester**

**1 Credit**

**Description:** World Geography is a course to familiarize a student with the oceans, mountains, rivers, seas and countries of the world. After learning the basics of each region the students will study physical and cultural aspects of each region. This will reveal the interdependence of nations.

**Prerequisites:** None

**Method of Grading:** Daily situations including discussions, written work or testing

**Student Outcomes:** The student will recognize the locations of every major country and geographical features.

### **412 - WORLD HISTORY – CP**

**Year**

**2 Credits**

**Description:** World History is a course in which students study the development of man from Prehistoric times up to today. Students will study the cultures, events, and people of history.

**Prerequisites:** Grades 10-12

**Method of Grading:** Chapter and unit tests, homework assignments, semester test

**Student Outcomes:** The student will identify the achievements of cultures and their impact on us today.

# SOCIAL SCIENCES

## **423 – ADVANCED PLACEMENT WORLD HISTORY – CP**      Year      2 Credits

**Description:** AP World History is a challenging full-year course that explores the expansive history of the human world from approximately 600 BCE to the present, focusing on the following course themes: interaction between humans and the environment; development and interaction of cultures; state-building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. This course is offered to students interested in doing advanced work in the study of World History. Students are challenged to use higher levels of thinking than are required in a World History class. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary to succeed. It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** Grades 10-12

**Method of Grading:** Written homework, essay writing, interpretation and analysis of original documents, topic tests, and a final exam. Grades in this course are weighted for GPA purposes if a student earns a grade of 1, 2, or 3.

**Student Outcomes:** The student will develop a deeper understanding of key concepts and themes in world history. Emphasis will be placed upon development of historical thinking skills, including: crafting historical arguments from historical evidence, chronological reasoning, comparison and contextualization, and historical interpretation and synthesis. Critical thinking skills gained can be applied in other areas of study and will help prepare students to succeed in upper-level high school and college courses.

## **413 - AMERICAN HISTORY – CP**      Year      2 Credits

**Description:** American History is a broad survey course covering the entire history of the United States, starting with Native civilization and early European exploration and culminating with contemporary American History.

**Prerequisites:** Grade 11

**Method of Grading:** Unit tests, unit written papers, homework assignments, semester tests, and two formal essays

**Student Outcomes:** The student will have an idea of major events, ideas, and leaders of our country, an ability to prepare and participate in discussion, organized study habits, neatness, and punctuality.

## **420 - ADVANCED PLACEMENT U.S. HISTORY – CP**      Year      2 Credits

**Description:** The Advanced Placement U.S. History course is designed to teach students to think critically about the issues that have confronted and influenced the United States, through a process that integrates the examination of factual knowledge, the development and application of analytical skills, and the assessment of primary and secondary sources. The class is a survey course in U.S. History, and its content spans the settlement of the new world to the present. Advanced Placement U.S. History teachers will design their course so that it achieves the following: Covers the 500 year scope of U.S. history from colonial beginnings to the present, Integrates a number of important themes that recur throughout American history, Includes analysis of primary-source documents, Helps students develop analytic ways of thinking, such as recognizing cause and effect, drawing inferences, dealing with conflicting viewpoints, and tracing the evolution of themes throughout history, Requires that students write often and insightfully, Equips students to weigh different interpretations of history and introduces them to historical criticism, Integrates social, cultural, political, diplomatic, economic, and intellectual history into the narrative of the American experience, Requires students to form and express thoughtful opinions that they share with others. It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** Grades 11-12

**Method of Grading:** Written homework, debates, notebooks, topic tests and a final. Grades in this course are weighted for GPA purposes if a student earns a grade of 1, 2, or 3.

**Student Outcomes:** The student will be able to envision the future direction our country is taking and understand the role we play in shaping its destiny. To reinforce and build study skills that will be needed for a lifetime of learning.

## **0418 - ADVANCED PLACEMENT GOVERNMENT AND POLITICS – CP**      Semester      1 Credit

**Description:** United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** Grades 11-12

**Method of Grading:** Written homework, essay writing, interpretation and analysis of original documents, topic tests, and a final exam. Grades in this course are weighted for GPA purposes if a student earns a grade of 1, 2, or 3.

**Student Outcomes:** Students will be able to analyze and interpret basic data relevant to U.S. government and politics, including data presented in charts, tables, and other formats. Through research papers, essays, and projects, students will demonstrate critical thinking skills concerning typical patterns of political processes and behavior and their consequences. This will include the components of political behavior, the principles used to explain or justify various government structures and procedures, and the political effects of these structures and procedures.

## **0417 - ADVANCED PLACEMENT PSYCHOLOGY – CP**

**Year**

**2 Credits**

**Description:** The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. It should be understood that this course is the equivalent of a college level course. Information about AP courses, testing and college credit can be found on page 8 of this curriculum guide.

**Prerequisites:** Grades 11-12

**Method of Grading:** Written homework, essay writing, interpretation and analysis of original documents, topic tests, and a final exam. Grades in this course are weighted for GPA purposes if a student earns a grade of 1, 2, or 3.

**Student Outcomes:** Students will analyze the history of psychology, research methods, and human development. The individual's state of conscious, cognition, and learning processes will also be discussed in this course. Students will apply knowledge in research papers and projects.

## **414 - CURRENT PROBLEMS**

**Semester**

**1 Credit**

**Description:** This course focuses on economic, social, and political issues which are currently discussed in the mass media. A special emphasis is placed upon national issues and foreign relations. Relationships between historical events and current events are studied.

**Prerequisites:** Grades 11-12

**Method of Grading:** Oral and written reports and a final exam over events studied

**Student Outcomes:** The student will identify and interpret various economic, political, and social issues, distinguish between fact and opinion given in the mass media, formulate alternative solutions to current problems.

## **416 – SOCIOLOGY**

**Semester**

**1 Credit**

**Description:** This course deals with the scientific approach to the study of Sociology through the use of several methods. Human relationships as found in our society, in various groups, and in the social institutions are investigated and analyzed. The individual and their relationship to society is also stressed.

**Prerequisites:** Grades 11-12

**Method of Grading:** Daily grades, oral and written reports, individual and class projects, discussion, quizzes, chapter tests

**Student Outcomes:** The student will learn why Sociology is a science, identify various groups and better understand their functions, compare our culture and social institutions to others, analyze and problem solve various social issues.

# **SPECIAL PROGRAMS**

## **900+ - STUDENT ASSISTANT**

**Semester**

**.5 Credit**

**Description:** This course is designed to assist students in developing the knowledge and skills necessary to work with and for other people and to work in a mentoring role with a staff member.

**Prerequisites:** Approval by supervising teacher and enrolled in six other classes

**Method of Grading:** Pass/Fail based upon competency, accountability, and goal completion

**Student Outcomes:** Student will work with a staff member who serves in a mentoring role.

## **180 – E.L.L. (English Language Learners)**

**Semester/Year**

**1-2 Credits**

**Description:** This course would provide ELL instruction needed to allow ELL students the opportunity to gain the language skills needed to perform in mainstream academic content areas. This class may be repeated for credit.

**Prerequisites:** Recommended based on their initial language testing

**Method of Grading:** Daily participation

**Student Outcomes:** Each student will:

1. Work on English grammar, vocabulary, composition, and reading.
2. Practice pronunciation and conversational skills.
3. Learn standards and practices of American culture.
4. Focus on the 4 main domains of the Nebraska ESL Standards of:
  - a. Reading
  - b. Writing
  - c. Speaking
  - d. Listening

## **181 – E.L.L. INTENSIVE PROGRAM**

**Semester/Year**

**1-2 Credits**

**Description:** This is an intensive English language course where students spend approximately one quarter to one semester in the Intensive E.L.L. program. Students will be actively involved in developing English skills in the four domains of reading, writing, speaking, and listening. The instruction is tailored to meet each student's needs based on their previous schooling, and their level of proficiency. The course provides students whose primary language is not English an introduction and instruction in the English language as well as to the culture of the United States, including how to function within the school system. The basic objectives are to help each student attain an acceptable degree of proficiency in the skills of listening, speaking, reading and writing to help them be successful in mainstream classrooms where English is the primary language of instruction.

**Prerequisites:** Recommended based on their initial language testing

**Method of Grading:** Attendance, class participation, discussion, preparedness, effort, attitude and completion of assignments

**Student Outcomes:** Student will develop an ability to speak, listen, read and write in English with less dependency upon his/her primary language, and be able to participate in a mainstream classroom.

**SENIOR OPPORTUNITIES****518 - CAREER PREP INTERNSHIP****Semester/Year****2-4 Credits**

**Description:** This course will integrate hybrid classroom instruction with on-the-job training. Students will explore careers, learn how to apply for a job, participate in mock interviews, and develop workplace skills. The work site experience will be targeted to the student's chosen career field and will allow students to explore career options and learn workplace terminology and business/industry protocol. Students will meet for classroom instruction prior to their internship and periodically during the semester. Internships may be paid or unpaid. The Career Internship Coordinator will assist the students in finding internships related to their career field, but the responsibility of finding their internship site will be with the students.

**Prerequisites:** Senior

**Method of Grading:** Determined by teacher/coordinator, employer evaluations, observation by coordinator, and attendance

**Student Outcomes:** Student will acquire work habits, skills, and attitudes necessary for successful employment while applying knowledge learned in the classroom.

**913 - TEACHER CADET****Semester/Year****1-2 Credits**

**Description:** Students will work under the direction of an elementary or middle school principal and teacher within the district. Students can choose between regular education and special education. Within the classroom, students are given experiences in working directly with students as well as completing routine teacher assistance activities. This program is designed to be flexible and attempts will be made to 'fit it' in the high school student's schedule.

**Prerequisites:** Senior with an interest in teaching. Students choosing to be a cadet aide are encouraged to complete the Child Development and Human Development courses listed in the FCS section prior to enrolling as a cadet aide, as the knowledge and experiences in those courses would benefit the cadet.

**Method of Grading:** Students will receive a grade based upon success within the class.

**Student Outcomes:** The principles of education explored in Teacher Cadet will support the careers in all levels of education: pre-school, elementary, middle level, high school, or post-secondary.

**990 - DUAL ENROLLMENT****Semester/Year****1-2 Credit**

Dual enrollment opportunities are available at area post-secondary institutions. Arrangements must be made through the Counseling Center prior to registration. Credits are not recorded on the high school transcript in most cases. Costs and transportation are the responsibility of the student.

## SPECIAL EDUCATION

### 132 – DEVELOPMENTAL SKILLS

Semester/Year

1 credit per class period

#### Academic Adventures:

**Description:** Students will develop academic skills that relate directly to a variety of daily routines including shopping, cooking, reading, writing and mathematics. This class will also provide an introduction to community resources and reinforce skills related to independent living.

**Prerequisites:** IEP team recommendation. This class is for students who will graduate on a modified course of study and are tested on the alternate assessment.

**Method of Grading:** Grades are based upon a point system.

### 1331-WORK READINESS I

Semester/Year

1 credit per class period

**Description:** Access to vocational jobs are designed to provide hands-on training in natural environments within the school building where students are given the opportunity to learn and develop appropriate transferable work readiness-skills, communication skills, and social skills. Students are able to apply what they learn in the classroom to situations in natural environments within the school building. Staff members will provide varying levels of supervision, support, and maintain accurate records of student progress.

**Prerequisites:** IEP team recommendation and enrolled in Work Readiness Social Skills

**Method of Grading:** Grades are based upon a point system. Points are gained from job-site evaluations.

### 1332-WORK READINESS 2 OR Community Based Work Readiness

Semester/Year

1 credit per class period

**Description:** Vocational jobsites are designed to provide hands-on training in natural environments in the community where students are given the opportunity to learn and develop appropriate transferable work readiness-skills, communication skills, and social skills. Students are able to apply what they learn in the classroom to situations in natural environments. Staff members will provide varying levels of supervision, support, and maintain accurate records of student progress.

**Prerequisites:** enrolled in 11th or 12th grade, IEP team recommendation, and/or administrator permission and enrolled in Work Readiness Social Skills

**Method of Grading:** Grades are based upon a point system. Points are gained from job-site evaluations.

### 129 – LIFE SKILLS

Semester/Year

1 credit per class period

#### English/Reading Explorations:

**Description:** The purpose of this course is to demonstrate the use of English skills in students' everyday lives. Curriculum will be guided by the general English 9-12 courses with accommodations and modifications implemented as needed for individual students. Students will extract and construct meaning using prior knowledge, applying text information, and monitoring comprehension while reading grade level text.

**Prerequisites:** IEP team recommendation. This class is for students who will graduate on a modified course of study and are tested on the alternate assessment.

**Method of Grading:** Grades are based upon a point system. Points are based on daily work, classroom behavior, work habits, class projects, and community outings.

**Student Outcomes:** Students will be tested at the beginning of the school year. Curriculum will be taught at the student's level each semester. Students will gain self-assurance and confidence in their performance skills, increasing their knowledge of the subject area.

#### Exploring Algebra/Geometry in Today's World I-IV

**Description:** The purpose of the course is to demonstrate the use of math skills in everyday life. The curriculum will be guided by the general math courses with accommodations and modifications provided as needed for individual students. The class focuses on applying algebra and geometry concepts to real-life situations.

**Prerequisites:** IEP team recommendation. This class is for students who will graduate on a modified course of study and are tested on the alternate assessment.

**Method of Grading:** Grades are based upon a point system. Points are based on daily work, classroom behavior, work habits, class projects, and community outings.

**Student Outcomes:** Students will be tested at the beginning of the school year. Curriculum will be taught at the student's level each semester. Students will gain self-assurance and confidence in their performance skills, increasing their knowledge of the subject area.



## **1293-LIFE SKILLS –SOCIAL SKILLS Semester/Year 1 credit per class period**

**Description:** The purpose of this course is to teach effective communication strategies for solving problems and interacting with others in various social situations. Students learn to use socially-appropriate language, recognize the communication needs of others, express feelings and viewpoints, understand and respect different points of view, give explanations, ask appropriate questions and select appropriate strategies for social interaction.

**Prerequisites:** IEP team recommendation.

**Method of Grading:** Grades are based upon a point system. Points are based on daily work, classroom behavior, work habits, class projects, and community outings.

**Student Outcomes:** Students learn what is expected of them as individuals in the high school and in the community.

## **157 - READING Year 2 Credits**

**Description:** The purpose of the reading class is to improve reading skills through direct instruction using a carefully developed and tested program design. Students learn increasingly more complex skills through a scripted presentation approach of brisk paced lessons including individual and small group lessons. Students are given a placement test to determine their individual level of reading. According to those results, students are then grouped to ensure the maximum remediation of their needs with the goal of mastery of that level and continued movement forward.

**Prerequisites:** Recommendation

**Method of Grading:** Points are awarded for word attack skills, reading passages, comprehension activities, and lesson tests

**Student Outcomes:** Students will improve word recognition, word attack skills, comprehension, and reading fluency.