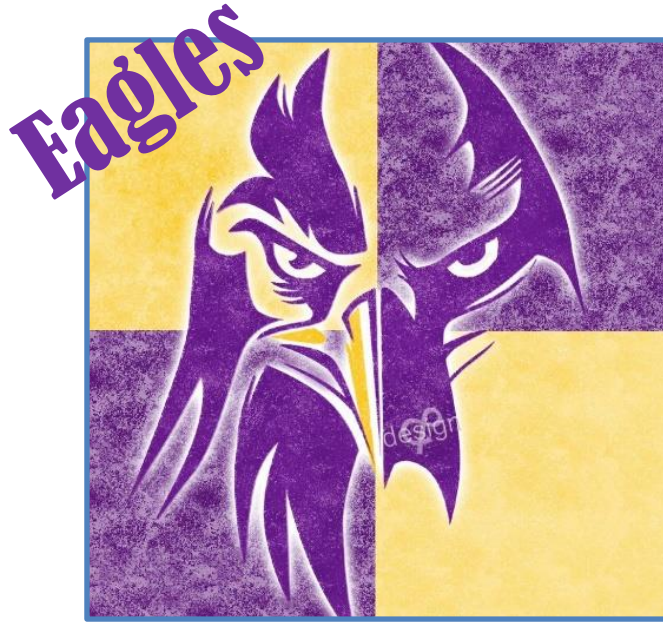


# **KEOTA**

## **Jr./Sr. High School**



## **Course Description Booklet**

# **2023-2024**

(revised 3-2-23)

# **2023 Graduation Requirements 2024**

**\*\* All students MUST carry a minimum of 6.5 credit EACH semester \*\***  
(unless approved by Principal)

## **Core Graduation Requirements (28 credits required):**

### **ACADEMICS:**

#### **4 years of English – 8 credits total**

English 9 – 1 year

English 10 – 1 year

Junior Year - Choose 1 Lit. Class:

American Literature **OR** World Literature – 1 year

Senior Year (Sem. 1) - Choose 1 Required Class:

Practical English **OR** College Prep - **1<sup>st</sup> Sem**

May also take Elective Class: Journalism – **1<sup>st</sup> Sem**

Senior Year (Sem.2) - Choose 1 Elective Class:

Creative Writing, Communications, or Journalism - **2<sup>nd</sup> Sem**

#### **3 years of Science – 6 credits total**

Physical Science – 1 year

Biology – 1 year

Chemistry **OR** Environmental Science – 1 year

Plant Science – 1 year

#### **3 years of Social Studies – 6 credits total**

US History – 1 year

Government - 0.5 year

3 Core Electives – 1.5 years

#### **3 years of Math – 6 credits total**

Pre-Algebra – 1 year

Algebra 1 – 1 year

Geometry – 1 year

Algebra II – 1 year

**Incoming 9<sup>th</sup> Graders who do NOT take Algebra I as 8<sup>th</sup> graders -  
would have the following options in math:**

<b>Option #1:</b>	9 <sup>th</sup> Gr. – Pre-Algebra	10 <sup>th</sup> Gr. – Algebra I
	11 <sup>th</sup> Gr. – Geometry	12 <sup>th</sup> Gr. – Algebra II/Practical Math (optional)

<b>Option #2:</b>	9 <sup>th</sup> Gr. – Algebra I	10 <sup>th</sup> Gr. – Geometry
	11 <sup>th</sup> Gr. – Algebra II	12 <sup>th</sup> Gr. – F.S.T. (optional)

**\* Option #3 is with approval of the math instructor**

<b>Option #3:</b>	9 <sup>th</sup> Gr. – Algebra I	10 <sup>th</sup> Gr. – Geometry & Algebra II
	11 <sup>th</sup> Gr. – Pre-Calc.	12 <sup>th</sup> Gr. – Calculus

**Business Computer Applications – 1 Semester = 1 credit total**

**Personal Finance – 1 Semester = 1 credit total**

**Physical Education** – required every year all year unless it does not fit into schedule or an athletic waiver applies – in accordance with IOWA STATE GUIDELINES.

**Non-Core Elective Credit (20 credits required)**  
**CPR Certification**

## **Total Credits Required for Graduation – 48 credits**

All students will take required core credits for graduation at Keota High School. If a course does not fit in a student's schedule over four years of high school attendance, an exception may be made and other courses could be accepted.

### **EARLY GRADUATION POLICY:**

IF A STUDENT WISHES to graduate prior to the completion of grade twelve, the student and his/her parent(s) must meet with the guidance counselor to consider all ramifications of such a decision. The principal, counselor, and superintendent will follow a checklist of criteria. Following the conference, the student and his/her parent(s) may petition the principal for early graduation. The principal will then meet with student and his/her parent(s) to discuss policies and procedures for early graduation. Following this meeting, the principal will make a recommendation to the superintendent who will then make a recommendation to the Board of Education if early graduation is merited.

Students who select and are approved for early graduation shall forfeit their eligibility as a student to participate in extra-curricular activities, and other school activities. After all course work is completed and the student has completed the appropriate check out procedures and forms, the student's status will become that of a post-secondary student.

Students who select and are approved for early graduation will be entitled to participate in the commencement program with their graduation class if they so choose.

## **AGRICULTURE**

AFNR (Intro to Agriculture, Food, & Natural Resources)	2 credits/yr.
Ag Metals	1 credit/sem.
Agri. Business & Marketing	1 credit/sem.
Ag Construction	1 credit/sem.
Ag Senior Shop (Senior projects)	1 credit/sem.
Animal Science	2 credits/yr.
Plant Science	2 credits/yr.
Principals of Horticulture (concurrent enrollment-IHCC)	1 credit/sem.
Survey of the Animal Industry (concurrent enrollment-IHCC)	1 credit/sem.
7 <sup>th</sup> Gr. Explo. Agriculture Science	0.5 credits/qtr.
8 <sup>th</sup> Gr. Explo. Agriculture Science	0.5 credits/ qtr.

## **BUSINESS/MARKETING**

Accounting I	1 credit/sem.
Business Law	1 credit/sem.
Business Ethics	1 credit/sem.
Intro. to Business	1 credit/sem.
Intro. to Economics	1 credit/sem.
Foundations of Entrepreneurship (concurrent enrollment – IHCC)	1 credit/sem.
Intro. to Marketing	1 credit/sem.
Personal Finance	1 credit/sem.

## **COMPUTER**

*(graduation requirement)*

**1 credit**

AP Computer Science A	2 credits/yr.
Business Computer Applications	1 credit/sem.
Computer Science Principals	2 credits/yr.
7 <sup>th</sup> Computer Science Explorations 1	0.5 credits/qtr.
7 <sup>th</sup> Exploratory Keyboarding	0.5 credits/qtr.
8 <sup>th</sup> Computer Science Explorations 2	0.5 credits/qtr.
8 <sup>th</sup> Exploratory Business	0.5 credits/qtr.

## **FAMILY & CONSUMER SCIENCE**

**\* Courses offered when available \***

Family Consumer Science I	1 credit/sem.
Foods & Nutrition I	1 credit/sem.
Family Consumer Science II	1 credit/sem.
Family Living	1 credit/sem.
Foods & Nutrition II	1 credit/sem.
Housing & Interior Design	1 credit/sem.
Parenting & Child Development	1 credit/sem.
Textiles & Clothing I	1 credit/sem.
Textiles & Clothing II	1 credit/sem.

## **FINE ARTS**

Art I	2 credits/yr.
Art History & Appreciation I (Pre-Historic – Renaissance)	0.5 credit/sem.
Art History & Appreciation II (Renaissance – Modern)	0.5 credit/sem.
Art Study	2 credits/yr.
Ceramics	0.5. credit/sem.
Design	0.5 credit/sem.
Painting	0.5 credit/sem.
Printmaking	0.5 credit/sem.
Studio Workshop	2 credits/yr.
Exploratory Art 7	0.5 credits/qtr.
Exploratory Art 8	0.5 credits/qtr.

## **FOREIGN LANGUAGE**

Spanish I	2 credits/yr.
Spanish II	2 credits/yr.
Spanish III	2 credits/yr.
Spanish IV	2 credits/yr.
Exploratory Spanish 7	0.5 credits/qtr.
Exploratory Spanish 8	0.5 credits/qtr.

## **ENGLISH/LANGUAGE ARTS** *(graduation requirement)*

**8 credits**

American Literature	2 credits/yr.
College Prep	1 credit/sem.
Communications	1 credit/sem.
IHCC Composition I - (concurrent enrollment – IHCC)	1 credit/sem.
IHCC Composition II - (concurrent enrollment – IHCC)	1 credit/sem.
Creative Writing	1 credit/sem.
English 9	2 credits/yr.
English 10	2 credits/yr.
Journalism I, II, III, IV	1 credit/sem.
Practical English	1 credit/sem.
World Literature	2 credits./yr.
JH Reading (7 & 8)	2 credits/yr.
Language Arts 7	2 credits/yr.
Language Arts 8	2 credits/yr.

## **MATHEMATICS**

*(graduation requirement)*

**6 credits**

Algebra I	2 credits/yr.
Algebra II	2 credits/yr.
Calculus	2 credits/yr.
Functions, Statistics & Trigonometry (FST)	2 credits/yr.
Geometry	2 credits/yr.
Practical Math	2 credits/yr.
Pre-Algebra	2 credits/yr.
Pre-Calculus	2 credits/yr.
Math 7	2 credits/yr.
Math 8	2 credits/yr.

## **MUSIC DEPARTMENT**

Advanced Music History	1 credit/sem.
Advanced Music Theory	1 credit/sem.
American Music Theatre	1 credit/sem.
American Music Theatre II	1 credit/sem.
Applied Voice (concurrent enrollment-IHCC)	1 credit/sem.
Beginning Music History	1 credit/sem.
Beginning Music Theory	1 credit/sem.
High School Chorus	0.5 credit/sem.
Instrumental Music	0.5 credit/sem.
Music Appreciation (concurrent enrollment-IHCC)	1 credit/sem.
Music Theory 1-6 (concurrent enrollment-IHCC)	1 credit/sem.
Jr. High Chorus (7 & 8)	0.5 credits/sem.
Jr. High Band (7 & 8)	0.5 credits/sem.

## **PHYSICAL EDUCATION**

Personal Health	2 credits/yr.
Co-Ed Physical Education	0.5 credits/sem.
JH Physical Education (7 & 8)	0.5 credits/sem.

## **SCIENCE**

*(graduation requirements)*

**6 credits**

Biology	2 credits/yr.
Chemistry	2 credits/yr.
Environment Science	2 credits/yr.
Physical Science	2 credits/yr.
*Science Fair	0.5 credit or 1 credit/yr.
Science Research Methods	2 credits/yr.
Integrated Science 7	2 credits/yr.
Integrated Science 8	2 credits/yr.

*\*Counselor & teacher's signature required*

## **SOCIAL STUDIES**

*(graduation requirement)*

**6 credits**

Advanced Sociology	1 credit/sem.
Advanced Psychology	1 credit/sem.
Introduction to Psychology (concurrent enrollment - IHCC)	1 credit/sem.
Psychology	1 credit/sem.
Recent U.S. History <b>A</b>	1 credit/sem.
Recent U.S. History <b>B</b>	1 credit/sem.
Sociology	1 credit/sem.
U.S. Government	1 credit/sem.
U.S. History	2 credits/yr.
World Geography	1 credit/sem.
World History	1 credit/sem.
World Political Theory (Model UN)	1 credit/sem.
Social Studies 7	2 credits/yr.
American History 8	2 credits/yr.

## **CAREER EDUCATION**

Career Development Skills (concurrent enrollment - IHCC)	1 credit/sem.
Employability Skills (concurrent enrollment - IHCC)	1 credit/sem.
How to be Successful in College (concurrent enrollment - IHCC)	1 credit/sem.
Work Experience Program	2 credits/sem.

## **YEARBOOK**

**(Yearbook is a year-long course and can NOT be dropped at the semester)**

Yearbook I	1 credit/yr.
Yearbook II	1 credit/yr.
Yearbook III	1 credit/yr.
Yearbook IV	1 credit/yr.

\* \* \* \* \*

# POST SECONDARY EDUCATION OPTIONS, DUAL ENROLLMENT & CONCURRENT ENROLLMENT

**Concurrent Enrollment college courses** can be applied as non-core elective credit toward graduation requirements. This means that a college level English course such as Composition I, does not count as a high school core English class, but instead as a Keota High School elective. Whereas these college classes are a beneficial option for students trying to secure college credit while still in high school, priority will always be given to the core classes students need to graduate high school.

*Concurrent classes, also known as Dual Enrollment courses or PSEO (Post Secondary Education Options) can be taken by 11<sup>th</sup> and 12<sup>th</sup> grade students or 10<sup>th</sup> grade ELP/TAG students who are granted Administration permission.*

**Concurrent enrollment courses** are at no cost to the students who are enrolled full time in Keota Schools. They are not available after High School graduation.

If a student fails a class or drops the class after the specified drop date by the college, the student is responsible for reimbursing the District for the cost of the class plus any additional materials. This will be considered a fine and the bill will need to be paid before the student is allowed to participate in the graduation ceremony their senior year.

Many options for concurrent classes exist, including some concurrent college courses being taught at Keota High School with some teachers being adjunct professors of Indian Hills and teaching courses that benefit the students with college credits (as well as high school elective credit). In addition, Kirkwood Community College with an academy in Washington, IA and Indian Hills Community College with an academy in Sigourney and Ottumwa, IA both have online options as well as their in-person academies. Students taking in-person learning at either of the academies are responsible for their own transportation and must still be present for their Keota High School courses.

Enrollment into college courses takes place through the Keota High School counselor. The counselor will advise and direct students regarding options for classes and how to sign up.

**ALL STUDENTS** enrolled in college classes must demonstrate strong academic ability and be on track for high school graduation. Parental and Keota High School Administration permission must be obtained for any student wanting to take a concurrent college class.

## CONCURRENT ENROLLMENT

There are many online, concurrent enrollment course options available to students through Indian Hills Community College and Kirkwood Community College.

Please see the Guidance Counselor for a list of available courses prior to the beginning of each term.



## **COURSE SELECTION:**

THOSE STUDENTS needing assistance in course selection should contact the guidance counselor or the principal. For a complete list of offerings, contact the office. All pre-registration materials will be given to students in April preceding the next school year. Students are also encouraged to speak to their instructors for academic counseling.

### **Dropping classes at semester time:**

**If a class is one year long, then students will be expected to complete BOTH semesters of that class. Students wishing to drop a one year long class at the conclusion of the first semester must obtain a DROP/ADD Class Form from the office/guidance counselor and return it to the office/guidance counselor with signatures from both the teacher of the class you are dropping or adding and also your parent(s) before your schedule will be changed.**

Students dropping classes have 5 days at the beginning of the semester to drop a class. After these 5 days, a failing grade may be assigned.

\* \* \* \* \*

It is the policy of the Keota Community School District not to illegally discriminate on the basis of race, color, national origin, sex, disability, religion, creed, age, marital status, sexual orientation, gender identity or SES in its education programs or employment practices. The Keota Community School District is required by Title VI and VII of the 1964 Civil Rights Act, Title IX of the 1972 Education Amendments, and the Federal Rehabilitation Act of 1973 and the regulations thereunder not to discriminate in such a manner.

The curriculum content and instructional materials utilized by the Keota Community School District reflects the cultural and racial diversity present in the United States and the variety of careers, roles, and life styles open to women as well as men in our society.

## AGRICULTURE DEPARTMENT

### 1ST SEM. ONLY

#### **Ag Metals**

1<sup>st</sup> Semester only

Grades 10-12

Elective

Prereq. - None

5 days/week

1 credit

**Considerations:** This class is a good sequence with AFNR.

The students will learn the fundamentals of the welding and metal trades. Then they will apply those skills to create basic projects and detailed projects if time allows.

This course is designed to familiarize the students with basic theory and welding techniques. Students will learn safe metalworking practices when welding in the high school shop. Students will receive instruction in all related areas of the welding trades. They are introduced to project plans, welding symbols, and general cost. Students will learn to weld using ARC and MIG as well as cut with oxy-Acetylene gases and plasma cutting. Included in the course students will learn necessary communication skills to get and keep a job. Opportunities will be available for participation in FFA career development events using skills acquired in the course.

#### **Agri. Business & Marketing**

1<sup>st</sup> Semester

Grades 10-12

Elective

Prereq.- none

5 days/week

1 credit

**Considerations:** This class is a good sequence with Plant Science or Animal Science.

This course is designed to be an introduction to agribusiness management in the free enterprise system with an emphasis on management of production agriculture. Instruction includes a study of basic management concepts, government policy, economic principles, budgeting, accounting, finance, risk management, and factors of production and marketing. Projects will involve discussion of current agricultural topics and developing a marketing plan for your own business.

#### **Survey of the Animal Industry**

(Concurrent Enrollment - IHCC)

1<sup>st</sup> Semester

Grades 11-12

Elective

Prereq.- Animal  
Science

5 days/week

1 credit

This class is a concurrent college level class offered at Keota High School. This class is open to juniors and seniors that have an interest in learning more about livestock. This course discusses the integration of livestock in a sustainable farming system including small-scale production for niche markets. Topics include appropriate breed selection, nutrition, reproduction, diseases, processing, land management for hogs, poultry, cattle, sheep, and goats. Lab work required.

## **2ND SEM. ONLY**

### **Ag Construction** 2<sup>nd</sup> Semester only

Grades 10-12

Elective  
Prereq. - none

5 days/week  
1 credit

**Considerations:** This class is a good sequence with AFNR.

The students will learn the fundamentals of the construction trades. Then they will apply those skills to a project of their own. In Ag Construction students will learn skills that they will be able to use in the practical world.

This class will introduce the student to the skills needed to plan and construct buildings used in agricultural settings. Topics that will be covered include: hand power tool safety and uses, pole frame and stud frame buildings and basic electrical wiring. Projects will be constructed depending on time allowed.

### **Ag Senior Shop** 2<sup>nd</sup> Semester

Grade 12

Elective  
Prereq. - Permission  
from Instructor

5 days/week  
1 credit

**Considerations:** This class is a good sequence with Ag Construction and/or Ag Metals.

The students will work individually on projects throughout the semester. Students will complete at least three projects - one to be sold at the FFA banquet, one for themselves, and a community service project.

This course will allow students to use the knowledge they have learned in prior agriculture and industrial arts classes to conduct projects of their own choosing. Projects could include, but not limited to: woodworking and construction, electricity, welding or tractor and farm machinery repair and restoration.

### **Principles of Horticulture** (Concurrent Enrollment – IHCC) 2<sup>nd</sup> Semester

Grades 11-12

Elective  
Prereq. – Plant Sci.

5 days/week  
1 credit

**Considerations:** This is a concurrent college level class offered at Keota High School. This class is open to juniors and seniors that have an interest in learning more about plants and the horticultural industry.

This course will provide the students essential knowledge and skills necessary for a solid orientation in the Horticulture field. Areas of study include climate and plant growth, botanical nomenclature, anatomy, propagation, plant nutrition, and an introduction to the diverse career field involved with the horticulture industry.

## **Qtr. Length Classes**

### **7<sup>th</sup> & 8<sup>th</sup> Explo.** **Agriculture Science** 1 Qtr. only per grade level

Grades 7 & 8

Required  
Prereq. – none

5 days/week  
0.5 credits

The goal of this course is to introduce students to the World and U.S. Agriculture. Students may explore animal science, plant science, ag careers, public speaking, leadership, ag shop projects and future enrollment in the FFA. The students 7<sup>th</sup> grade year will be more plant based driven and 8<sup>th</sup> grade year will be animal based. Each year the students will have the opportunity to construct a wood project in the shop towards the end of the quarter.

## 1 YEAR COURSE

**AFNR**  
1 year course

Grades 9-12

Elective  
Prereq. - None

5 days/week  
2 credits



**Considerations:** This class is for students who have not taken an Agricultural Class before. Students who have taken an Agricultural Education course before must get prior approval before taking this class.

The ***Introduction to Agriculture, Food, and Natural Resources (AFNR)*** course is the first course in the Curriculum for Agricultural Sciences (CASE) sequence of classes. Students will experience exciting “hands-on” activities, projects, and problems. Student experiences will involve the study of communication, the science of agriculture, plants, animals, natural resources, and agricultural mechanics. While surveying the opportunities available in agriculture and natural resources, students will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning. The knowledge and skills students develop will be used in future courses within the CASE program.

**Animal Science**  
1 year course

Grades 10-12

Elective  
Prereq. - AFNR  
course preferred

5 days/week  
2 credits

This course is a foundation-level course designed to engage students in hands-on laboratories and activities to explore the world of animal agriculture. Student experiences will involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing.

Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock producers, and industry personnel face in their respective careers. Students will investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community.

**Plant Science**  
1 year course

Grades 10-12

Elective  
Prereq. - AFNR  
course preferred

5 days/week  
2 credits

*Plant Science* is a foundation-level course that will teach students about the form and function of plant systems. Students are immersed in inquiry-based exercises filled with activities, projects, and problems to teach them plant concepts through laboratory and practical experiences. Student experiences will include the study of plant anatomy and physiology, classification, and the fundamentals of production and harvesting. Students will learn how to apply scientific knowledge and skills to use plants effectively for agricultural and horticultural production. Students will discover the value of plant production and its impact on the individual, the local, and the global economy.

Lessons throughout the course will provide an overview of the field of agricultural science with a foundation in plant science. These lessons include working in teams and exploring hands-on projects. Students will work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers, and plant research specialists face in their respective careers.

# General Business Program of Study

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<b><u>YR 9</u> Business Computer Applications</b>	<b><u>YR 9-12</u> Marketing, Introduction to Business</b>	<b><u>YR 10-12</u> Accounting, Economics, Ethics, Entrepreneurship</b>	<b><u>YR 11-12</u> Personal Finance</b>
1 Semester	1 Semester	1 Semester	1 Semester

A student who successfully completes the above courses will have the basic skills that can lead to an *Associates of Arts Degree at Indian Hills Community College in Business*.

Upon successful completion of the General Business Program of Study at Keota High School, and further coursework at Indian Hills, students will have the necessary skills to pursue a variety of business occupations in the following fields:

Management	Human Resources	Finance
Sales	Production	Marketing

Upon earning an Associates of Arts Degree at Indian Hills, students may continue their studies at any 4 year college or university that has a business program. The student should choose to focus on one area of business which could lead to the following careers (not a comprehensive list):

<b>Management</b>	<b>Accounting</b>	<b>Human Resources</b>	<b>Marketing</b>
Entrepreneur	Accountant	Human Resources Manager	Sales Manager
Operations Manager	Accounts Receivable Clerk	Personnel Recruiter	Market Researcher
Public Relations Manager	Cost Accountant	Training Manager	Research and Development Manager
Sports & Entertainment Manager	Treasurer	Payroll Professional	Advertising Sales Person

# BUSINESS, MARKETING, & COMPUTER DEPARTMENT

## 1 YEAR COURSE

### **Computer Science Principles**

Grades 9-12

Elective

5 days/week

1 year course

Prereq.- Alg. I grade 2 credits  
of "C" or above, or upon  
Instructor's approval

This course is designed to offer an introduction to computer science. Students will learn the basics of computer programming along with the basics of computer science using Python programming language. The material emphasizes computational thinking and helps develop the ability to solve complex problems. This course covers the basic building blocks of programming along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares students for further study in computer science, including AP Computer Science A courses. Students should have a strong understanding of high school algebra concepts prior to taking this course.

### **AP Computer Science A**

Grades 10-12

Elective

5 days/week

1 year course

Prereq.- Alg. I & 2 credits  
"C" or above in  
Computer Science Principles

AP Computer Science A is an introductory college-level computer science course using the Java programming language. This course is recommended for students who choose to continue their computer science education after completing Computer Science Principles. In this year-long course, students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Since this course requires a strong foundation in mathematical reasoning, students must have successfully completed Algebra I with a grade of "C" or above prior to taking this course. Students who elect to take the AP test may be eligible to receive college credit depending on the college's AP credit policy.

## 1ST SEM. ONLY

### **Accounting I**

Grades 10-12

Elective

5 days/week

1<sup>st</sup> Sem. only

Prereq. – none 1 credit

This accounting course is designed to provide students with a basic understanding of accounting. This is a one semester introductory course in double entry accounting procedures. Students will learn to keep financial records for a service or retail business. Principles covered include the bookkeeping cycle, debit/credit theory, financial statements, use of various journals and ledgers, worksheets, accounts receivable and payable, and payroll systems.

<b>Intro. to Business</b> 1 <sup>st</sup> Sem. only	Grades 9-12	Elective Prereq.- none	5 days/week 1 credit
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In this fundamental course students will be provided with the concepts of how businesses are formed, the types of businesses, a fundamental understanding of how businesses operate, globalization, technology, ethics and social responsibility. Areas of business and economic trends that are shaping today's business environment will be investigated.

<b>Intro. to Marketing</b> 1 <sup>st</sup> Sem. only	Grades 9-12	Elective Prereq. – none	5 days/week 1 credit
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This course focuses on marketing strategies to gain consumer attention through marketing. It explores the marketing process and concepts of the 4 P's of marketing. It explores making marketing and promotional decisions from the concept of a product or service to service after the sale. Students will investigate consumer wants and needs and how businesses satisfy those wants and needs through the marketing mix. Students create various types of promotional and advertising materials through the use of technology for this class.

## **2ND SEM. ONLY**

<b>Business Law</b> 2 <sup>nd</sup> Sem. only	Grades 10-12	Elective Prereq.- Intro. to Business	5 days/week 1 credit
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Students will be introduced to law, it's history and legal institutions in society, emphasizing areas of law relevant to business operations, general legal, and social environment with emphasis on business ethics; role of contracts in business; and employment obligations.

<b>Foundations of Entrepreneurship</b> (Concurrent Enrollment – IHCC) 2 <sup>nd</sup> Sem. Only	Grades 11-12	Elective Prereq. – none	5 days/week 1 credit
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This course concentrates on the process of starting a new business. Students will learn how to identify, assess and develop a business plan as well as how to find and evaluate business opportunities.

<b>Business Ethics</b> 2 <sup>nd</sup> Sem. only	Grades 10-12	Elective Prereq. – Intro. to Business	5 days/week 1 credit
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This course introduces philosophical ethical theory and its application to business decisions. The class will analyze theories of ethical consequences and the impact on business and society. The students will look at economic justice, social responsibility of businesses, regulations, conflicts of interest, and business obligations, both perceived and regulated. The class will review and discuss the rights of employers' vs the rights of the employee.

**Intro. to Economics**  
2<sup>nd</sup> Sem. only

Grades 10-12

Elective  
Prereq. – Intro. to  
Business

5 days/week  
1 credit

Microeconomics: A one-semester introduction to the basic tools of micro-and macroeconomic analysis. Microeconomics deals with consumers, firms, markets, and income distribution.

Macroeconomics: This course deals with Macroeconomics concentrating on national income, employments, inflation, money and society. A number of projects will be created using macroeconomic principles and technologies.

We will also explore how the type of government allocates its resources. Through one of our types: Market, Command, Mixed or Traditional economics systems.

### **1<sup>st</sup> OR 2<sup>nd</sup> Semester**

**Business Computer Applications**  
1<sup>st</sup> Sem. or 2<sup>nd</sup> Sem.

Grades 9

Required

5 days/week  
1 credit

This course provides skills for those who have little to no experience. Students will learn computer applications and information management skills from Goggle Apps, Google Mail, Google Sheets, Google Docs, and Google Slides. Students will create a variety of different projects using these applications and will explore some internet applications and personal security on social media as well.

**Personal Finance**  
1<sup>st</sup> Sem. or 2<sup>nd</sup> Sem.

Grades 12

Required  
Prereq.- must be  
a Senior

5 days/week  
1 credit

Students will learn the skill of managing money and understand how financial decisions for personal applications: including insurance, banking, budgeting, retirement planning and investments affect their lives. Using University of Arizona Take Charge of Your Finances and other online sites, students will experience real world scenarios and use strategies covered in the course to help them make sound financial decisions.

### **Qtr. Length Classes**

**7<sup>th</sup> Computer Science Explorations 1**  
1 Qtr. Only

Grade 7

Required

5 days/week  
0.5 credit

Computer Science Explorations 1 (CSE 1) is an introductory computer science course designed to empower students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. In this course, students will learn foundational concepts and skills of computer science and programming, and students will explore using computers to solve problems and express themselves. Designed to be engaging and relevant to student life, students build, remix, and share their animations, games, stories, music, and art in an engaging and collaborative environment.



**8<sup>th</sup> Computer Science  
Explorations 2**

Grade 8

Required

5 days/week  
0.5 credit

1 Qtr. Only

Computer Science Explorations 2 (CSE 2) is an introductory course designed to help students explore Artificial Intelligence (AI) and its far-reaching societal impacts in our world. The course is designed around engaging activities and learning units that integrate foundational AI concepts and real-world applications with ethical design and responsible use, as students explore how these technologies can help solve problems and improve life for themselves and their communities.

**7<sup>th</sup> Exploratory Keyboarding**

Grade 7

Required

5 days/week  
0.5 credit

1 Qtr. only

7<sup>th</sup> Exploratory Keyboarding will reinforce basic word processing skills as well as proper keyboarding techniques. Word processing skills will be expanded as we learn simple tables and how to format business documents. Sheets and presentation software (Slides) will be introduced.

**8<sup>th</sup> Exploratory Business**

Grade 8

Required

5 days/week  
0.5 credit

1 Qtr. only

8<sup>th</sup> Technology will reinforce word processing skills as well as proper keyboarding techniques. Word processing skills will be expanded as we learn graphic design and advanced formatting techniques. Spreadsheets and presentation software will also be studied. Numerous other software applications will be applied.

# ENGLISH/LANGUAGE ARTS DEPARTMENT

## 1 YEAR COURSE

<b>American Literature</b>	Grade 11	Required	5 days/week
1 year course		Prereq.- none	2 credits

American Literature's purpose is to analyze, evaluate, and comprehend U.S. documents and literature specific to the United States from Native American writing to the beginning of the 1900s. The literacy time spans will follow our nation's development by emphasizing key eras of literature. Also, this course will focus on leading authors of each era who demonstrate the important components that distinguish one era from the next. Students will utilize skills in reading, writing, speaking, and listening.

<b>English 9</b>	Grade 9	Required	5 days/week
1 year course		Prereq.- none	2 credits

English/Language Arts 9 emphasizes grammar, vocabulary, word usage, and mechanics of writing. While reading a variety of literature, students will further develop the four aspects of language use: reading comprehension, writing, speaking, and listening skills. Readings include short stories/fiction, nonfiction, mythology, poetry, informational texts, and Shakespeare's "Romeo and Juliet". Critical thinking skills will be fostered through writing exercises linked to reading selections as well as formal writing assignments.

<b>English 10</b>	Grade 10	Required	5 days/week
1 year course		Prereq.- none	2 credits

English 10 covers a variety of selections ranging from articles and essays to film clips and advertisements to stories and novels. Skills in analyzing and evaluating nonfiction and fictional texts will be developed through inquiry and exploration. Critical and creative writing skills will be enhanced by students imitating mentor texts and applying conventions to their own writing. Compositions will synthesize information from various sources to inform, argue, and connect following MLA guidelines. Students will explore, inquire, and read in order to compose and communicate effectively.

<b>World Literature</b>	Grade 11	Required	5 days/week
1 year course		Prereq.- none	2 credits

World Literature's purpose is to analyze, evaluate, and comprehend literature from different cultures and countries from around the world. Thematic units will focus on different genres, styles, and content of literature from various places to demonstrate how universal themes have changed and developed over time. The nonfiction and fictional selections covered in this class will range from creation myths and the first stories ever written to novels written in the 21<sup>st</sup> century. Students will utilize skills in reading, writing, speaking, and listening.

**7<sup>th</sup> Reading**  
**8<sup>th</sup> Reading**  
1 year course

Grades 7 & 8

Required

5 days/week

This course emphasizes the development of critical reading skills. A variety of literature and informational text of steadily increasing sophistication is used. Through close reading, critical writing, class discussions, and presentations, students deepen their ability to analyze, evaluate, and critique text independently. Students actively seek to understand other perspectives and cultures through reading and listening. Technology is used thoughtfully to enhance and integrate reading, writing, speaking, listening and language use.

**Language Arts 7**  
1 year course

Grade 7

Required

5 days/week

LA 7 emphasizes the improvement and application of language conventions (e.g. grammar, spelling, punctuation, usage, and capitalization) while speaking and writing. By understanding and using the writing process, students will learn to effectively communicate, plan and revise writing, and develop the ability and skills to compose a variety of effective paragraphs and essays. Students will inquire, explore, and research to help develop writing as well.

**Language Arts 8**  
1 year course

Grade 8

Required

5 days/week

LA 8 emphasizes the improvement and application of language conventions (e.g. grammar, spelling, punctuation, usage, and capitalization) while speaking and writing. Critical and creative writing skills will be developed by following the writing process for a variety of purposes and audiences. Through various activities, students will develop the ability to plan and revise paragraphs, research and synthesize information, and generate and cite sources. Special emphasis will be placed on familiarizing students with MLA formatting and the avoidance of plagiarism.

**SEMESTER COURSES**

**College Prep**  
1st Semester

Grade 12

Required  
Prereq.- none

5 days/week  
1 credit

College Preparatory English is a semester-long course designed to nurture college-bound students in meeting the academic requirements encountered in college-level courses. Instruction is provided in grammatical accuracy, mechanics, and vocabulary expected in formal compositions and research papers in college. While learning these skills, students will be involved in a variety of composition efforts, both informal and formal. Writing skills will stress organization and developmental support of topics selected by the student. Students will develop a senior portfolio in which they will explore careers matching their skills/interests, create a resume, complete a scholarship application, and write several scholarship essays. Students will leave this course equipped with the tools they need to begin applying for colleges and scholarships.

**Journalism I, II, III, or IV**  
1<sup>st</sup> & 2<sup>nd</sup> Sem. course

Grades 10-12

Elective  
Prereq.–“C” or above  
in all English classes  
or instructor approval

5 days/week

1 credit

- This can be taken more than once, but only 1 credit will apply towards the English requirement.

Journalism is a one-semester course for sophomores, juniors, and seniors who desire to increase their aptitude in writing and newspaper design while upholding the integrity and high standards of *The Eagle's Wing* publication. Students will receive hands-on experience in all areas of the publication process and will have the opportunity to have their work published in the school newspaper. Students will acquire writing skills, learn how to conduct a thorough interview and report the news, acquire newspaper design skills, and understand the history of journalism, first amendment rights, and media law ethics. This course may be repeated; however, only one semester will apply to the Core Graduation Requirements in English.

**Practical English**  
1<sup>st</sup> Semester

Grade 12  
Prereq. – none

Required  
1 credit

5 days/week

Practical English stresses the reading and writing that students as future adults may encounter in the workforce. Skills in analyzing and evaluating nonfiction texts will be developed through inquiry and exploration. Critical writing skills will be enhanced by students imitating mentor texts and applying conventions to their own writing. Special emphasis will be placed on business writing, applications, and resumes.

**IHCC Composition I**  
1<sup>st</sup> Semester  
(Concurrent Enrollment – IHCC)

Grade 12

Elective  
Prereq.- HS GPA  
of 3.0 or higher

5 days/week

1 credit

This is a concurrent college level class offered at Keota High School. This course emphasizes writing skills and stylistic competence developed through source- and non-source-based essays. Students will write at least four 800-1000 word essays, including 3-5 source-based essays and no more than one non-sourced essay. Students will respond to written and visual texts drawn from diverse sources and will use documentation correctly. Emphasis will also be placed on essay structure, grammatical correctness, and development of a professional voice through writing.

**IHCC Composition II**  
2<sup>nd</sup> Semester  
(Concurrent Enrollment – IHCC)

Grade 12

Elective  
Prereq.- IHCC  
Composition I

5 days/week

1 credit

This is a concurrent college level class offered at Keota High School. This course introduces the student to the process of research writing using the Modern Language Association documentation style. A thesis-driven report paper and a thesis-driven argumentative essay, both documented in MLA style, will demonstrate the student's proficiency with the research process. Students will produce approximately 20 pages of academic research writing.

**Communications**  
2<sup>nd</sup> Semester

Grade 12

Elective  
Prereq.- none

5 days/week  
1 credit

Communications is a course that emphasizes the basics of interpersonal and intrapersonal communication skills. The course will focus on developing speaking and listening skills in a variety of situations from group discussions to public speaking, both formal and informal. The purpose of this course is to investigate several methods of communication and be able to utilize them effectively in certain situations.

**Creative Writing**  
2<sup>nd</sup> Semester

Grade 12

Elective  
Prereq.- none

5 days/week  
1 credit

This class will introduce students to the process and techniques of creative writing. Students will create original essays, poems, and short stories in this course. They read professionally written forms of creative writing as models and then integrate their impressions of these works with their personal life experiences as they compose their own writing projects. Students are encouraged to write about topics they find engaging as they practice writing. After students turn in each assignment, the teacher supplies detailed suggestions for revision. This feedback helps students learn how to improve their self-expression and self-editing skills.

## **FAMILY AND CONSUMER SCIENCE DEPARTMENT - (FCS)** **PROGRAM of STUDY**

### **• 2023-24: COURSES OFFERED WHEN AVAILABLE**

<b>Family Consumer Science I (FCS I)</b>	Grade 9-12	Elective Prereq.- none	5 days/week 1 credit
1 Sem. only (1 <sup>st</sup> or 2 <sup>nd</sup> Sem.)			

This is a comprehensive course covering the various areas of Family Consumer Science (FCS). Units include foods and nutrition, skills in food preparation, parenting, financial management, housing and other family living skills to help prepare youth for independent living.

<b>Foods &amp; Nutrition I</b>	Grades 9-12	Elective Prereq.- none	5 days/week 1 credit
1 Sem. only (1 <sup>st</sup> or 2 <sup>nd</sup> Sem.)			

A foods class for the beginner. We will include the study of foods such as: eggs, meat, poultry, yeast breads, quick breads, vegetables, soups, salads, desserts. With this study we will prepare meals learning to manage time, money, and energy. Main emphasis is on nutrition and the actual preparation of foods. Course work will include written tests and homework. Attendance is of utmost importance, especially for labs. Enrollment will be limited to 12.

<b>Family Consumer Science II (FCS II)</b>	Grade 9-12	Elective Prereq.- FCS I	5 days/week 1 credit
1 Sem. only			

Level II of Family Consumer Science (FCS) is a comprehensive course covering the various subjects in FCS. Additional topics include: Goal setting, clothing care and textiles, clothing construction and maintenance, balancing work and family, child development, and the family life cycle.

<b>Foods &amp; Nutrition II</b>	Grades 9-12	Elective Prereq. – Foods & Nutrition I	5 days/week 1 credit
1 Sem. only			

Basic and advanced food preparation and sanitation will be covered. Emphasis will be on food preparation, foods from a variety of countries, and gourmet foods. Students will tour food service institutions. They will plan, prepare, cost, and serve a meal for the Vocational Advisory Committee. Attendance is of utmost importance, especially for the labs. Enrollment will be limited to 12. Prerequisite is Foods and Nutrition I OR consent of instructor.

## \* Courses offered when available \*

<b>Textiles &amp; Clothing I</b>	Grades 9-12	Elective	5 days/week
1 Sem. only		Prereq.- none	1 credit

Beginning sewing techniques will be studied. The student will learn to read and follow pattern/directions. Several projects will be made with the individual working on their level at their own speed. Attendance is extremely important for this lab class.

<b>Textiles &amp; Clothing II</b>	Grades 9-12	Elective	5 days/week
1 Sem. only		Prereq.- Textiles & Clothing I	1 credit

Students will be reintroduced to basic sewing skills. Also included will be units on the history of fashion, culture and clothing, family needs, budgeting, and careers in the fashion industry. A minimum of two advanced projects or a quilt will be completed. Attendance is extremely important for this lab class.

<b>Family Living</b>	Grade 10-12	Elective	5 days/week
1 Sem. only		Prereq.- none	1 credit/sem.

Understanding ourselves in relation to others - inside and outside the family. The various stages of the family life cycle will be studied. Special attention is emphasized on values and goals in a changing society. Others units included are human sexuality, marriage, divorce, housing, insurance, financial management, the elderly, & abuse.

<b>Housing &amp; Interior Design</b>	Grades 10-12	Elective	5 days/week
1 Sem. only		Prereq. – none	1 credit/sem.

Housing & Interior Design is a semester class where students gain the skills required to plan and decorate spaces suited to different needs. Students analyze the many housing options available to determine how the social, service, and private areas of a home can work together to satisfy individual and family needs. The concepts studied will help students make wise decisions about selecting a home site, planning a home, furnishings, accessories, and window treatments. Students will investigate and compare home norms across time and cultures to gain global awareness. Students create floor plans and design boards to showcase different styles and functions of design.

<b>Parenting &amp; Child Development</b>	Grade 10-12	Elective	5 days/week
1 Sem. only		Prereq. – none	1 credit/sem.

This course will cover prenatal development, birth, child growth and development, parenting skills and child-care careers. Students will have the opportunity to wear the "Empathy Belly", as well as care for the "Infant Simulator Baby". We will observe child care facilities and a hospital birthing facility.

## FINE ARTS DEPARTMENT

### 1ST SEM. ONLY

<b>Art History &amp; Appreciation I Pre-Historic - Renaissance</b> 1st Sem. Only	Grades 9-12	Elective Prereq.- none	3 days/week 0.5 credit
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Students will be exposed to art from the earliest periods through the present day. Multicultural art projects will help students trace history. Activities will help develop critical thinking skills and also help increase students' awareness of artists and their work. This course along with Art History & Appreciation II each stand alone. Although it is recommended that they are taken in order, it is not a requirement.

<b>Ceramics</b> 1st Sem. Only (Enrollment limited to 12)	Grades 9-12	Elective Prereq.- none	3 days/week 0.5 credit
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Students will learn several building techniques as well as how to finish their work using glaze and other mediums.

<b>Painting</b> 1st Sem. Only (Enrollment limited to 12)	Grades 9-12	Elective Prereq. - none	3 days/week 0.5 credit
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Students will explore techniques in watercolor and acrylic paint.

### 2ND SEM. ONLY

<b>Art History &amp; Appreciation II Renaissance - Modern</b> 2nd Sem. Only	Grades 9-12	Elective Prereq.- none	3 days/week 0.5 credits
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Students will be exposed to art from the earliest periods through the present day. Multicultural art projects will help students trace history. Activities will help develop critical thinking skills and also help increase students' awareness of artists and their work. This course along with Art History & Appreciation I each stand alone. Although it is recommended that they are taken in order, it is not a requirement.

<b>Design</b> 2nd Sem. Only (Enrollment limited to 12)	Grades 9-12	Elective Prereq.- none	3 days/week 0.5 credit
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Emphasis is on the basics in the field of design. Students will work with and explore such areas as architecture, illustration, interior, and product design.

<b>Printmaking</b> 2nd Sem. Only (Enrollment limited to 12)	Grades 9-12	Elective Prereq.- none	3 days/week 0.5 credit
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A class designed for the student who would like to learn printmaking techniques. Work will incorporate organic materials, foam board, lino blocks, and silk-screen.



## **1 YEAR COURSE**

<b>Art I</b>	Grades 9-12	Elective	5 days/week
1 year course		Prereq.- none	2 credits

This is an introductory course designed to give students the opportunity to work with a variety of media and processes. Art terminology, history, and the elements and principles of design will also be focused on. Weekly sketchbook assignments are a part of the course work. Students must complete the 1st semester of Art I before taking the 2nd semester of Art I.

<b>Art Study</b>	Grade 11-12	Elective	5 days/week
1 year course		Prereq.- Studio Workshop	2 credits
		Permission of Instructor	

Advanced course based on the individual student's needs. Curriculum will be based on the student's interests and can include construction of a portfolio.

<b>Studio-Workshop</b>	Grades 10-12	Elective	5 days/week
1 year course		Prereq.- Art I	2 credits
		Permission of Instructor	

An opportunity for the serious student to pursue individualized study in the area of their major in art. Sketchbook assignments are part of the course work.

## **Qtr. LENGTH CLASSES**

<b>Exploratory Art 8</b>	Grade 8	Required	5 days/week
1 Qtr. only			0.5 credit

Students explore different types of art throughout history and in different cultures. Their units of study include: Working with clay and drawing assignments.

<b>Exploratory Art 7</b>	Grade 7	Required	5 days/week
1 Qtr. only			0.5 credit

Students learn fundamentals of art while working in 2D & 3D. Units of study include: clay, drawing and color.

## FOREIGN LANGUAGE DEPARTMENT

### 1 YEAR COURSE

<b>Spanish I</b> 1 year course	Grades 9-12	Elective Prereq.- none	5 days/week 2 credits
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Simple dialogues, vocabulary, and common expressions are learned. Emphasis is placed on basic grammar and sentence structure. Speaking will be done in both individual and group settings. Study and discussion of culturally related material will also be covered in this year. Students will be introduced to easy readers and read one book.

<b>Spanish II</b> 1 year course	Grades 10-12	Elective Prereq.- Spanish I	5 days/week 2 credits
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The format of this course is similar to Spanish I, beginning with a comprehensive review of material covered in the first year. More in-depth vocabulary and dialogues will be covered along with new verb tense introductions. Culturally related material will also be covered. Students will in group and individual settings read and discuss various level 1 & II readers. Must have a "C" average.

<b>Spanish III</b> 1 year course	Grades 11-12	Elective Prereq.- Spanish II	5 days/week 2 credits
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Review of grammatical material learned in Spanish II and new vocabulary will be introduced at this level. A more in-depth look at grammar and linguistical concepts will be covered. Students will begin to write more detailed written reviews. More reading and writing will be emphasized. Cultural related material will be discussed. Students will read a variety of level three readers and have in group and individual discussions. In order to continue on to the Spanish IV level, you must achieve a "C" average.

<b>Spanish IV</b> 1 year course	Grade 12	Elective Prereq.- Spanish III	5 days/week 2 credits
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Review of grammatical concepts covered in Spanish III. Students will read short story books and do free reading. Review of reading done orally and written. Emphasis will be on communicating in Spanish during class. Cultural related material will be discussed.

### Qtr. LENGTH CLASSES

<b>Exploratory Spanish 7</b> 1 Qtr. only	Grade 7	Required	5 days/week 0.5 credit
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Introduction to the written and oral language of Spanish. Basic Spanish vocabulary is taught. Emphasis is on vocabulary and word pronunciation. Alphabet and vowels are taught. Group activities to practice oral proficiency.

<b>Exploratory Spanish 8</b> 1 Qtr. only	Grade 8	Required	5 days/week 0.5 credit
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Continuation of Spanish vocabulary. Introduction of Spanish masculine/feminine and singular/plural. Verbs and conjugations for likes and dislikes, and stating basic needs

## MATH DEPARTMENT

### Math 7, Math 8, Pre-Algebra, Algebra I, Geometry, & Practical Math Students:

- **Scientific calculator is required.**
- Look for a calculator that has a 2-row screen that will show total input on the one line and the output on the second line.
  - Comparable to a **TI-30xIIS or Casio fx-300ES**

### Algebra II, F.S.T., Pre-Calculus & Calculus Students:

- **Graphing calculator** is highly recommended and will be used daily.
  - **TI-83+ or TI-84+** (Do not get a Casio)

### 1 YEAR COURSE

<b>Pre-Algebra</b>	Grades 9	Elective	5 days/week
1 year course			2 credits
* Instructor permission & signature required for this course			

Topics covered are: real numbers (integers, decimals, fractions, roots, ratios, percents, exponents); expressions, equations, and inequalities (constructions, graphing, solving multi-step problems, polynomials); geometry (angles, congruence, similarity, transformations, area, surface area, volume); data and statistics (probability, plotting, analysis).

<b>Algebra I</b>	Grade 9-10	Required	5 days/week
1 year course	*Grade 8	Prereq.- none	2 credits

- \* Grade 8 – with Instructor's approval  
 - credit will be high school elective, not core math

The course covers basic algebra units such as: Real numbers, powers, roots, order properties, factoring, graphing, inequalities, linear equations, factoring, quadratic and exponential functions, and various types of word problems.

<b>Geometry</b>	Grades 9-12	Required	5 days/week
1 year course		Prereq.- Algebra I	2 credits

An organized logical development of the structure of mathematical system-geometry, by use of deductive and inductive reasoning. The course is designed to improve the student's ability to reason logically, both directly and indirectly. The basic topics in Euclidian geometry - both two and three dimensions - are lines and planes, areas, similarity, circles, spheres, constructions.

<b>Algebra II</b>	Grades 10-12	Required	5 days/week
1 year course		Prereq. - Algebra I & Geometry	2 credits

\*Can take concurrent with Geometry if given instructor's approval.

Review of the basic concepts and skills of Algebra I, a continuing development and understanding of linear and quadratic functions, coordinate geometry, complex numbers, systems of equations, the logarithmic function, equations of the first and second degree in two variables, the exponential function, and trigonometric functions. Graphing calculators are used extensively in this class.

**Functions, Statistics & Trigonometry (FST)**

1 year course

Grades 12

Elective

Prereq. – Successful completion Algebra II

5 days/week

2 credits

Functions, Statistics & Trigonometry is a course for the college bound or highly skilled work force bound student who has completed Algebra I, Geometry and Algebra II. FST can be taken before, after, or at the same time as Pre-Calculus or Calculus. Content includes topics functions, statistics, and trigonometry, as related to real world with business applications.

**Pre-Calculus**

1 year course

Grades 11-12

Elective

Prereq. – Algebra II  
“C-“ or Above

5 days/week

2 credits

This course introduces students to variables, expressions, and solving algebraic equations. Fractions, decimals, percents, square roots, and real world applications are used to help students master these concepts. Probability, statistics, and graphing are also used to tie different concepts together and enhance student understanding.

**Practical Math**

1 Year Course

Grade 12

Elective

Prereq.- 3 yrs of Math  
w/successful completion

5 days/week

2 credits

Students study and review arithmetic skills they can apply in their personal lives and in their future careers. There is a focus on occupational topics such as wages, deductions, taxes, insurance, and spending. Also personal finances such as checking accounts, loans, automobile, and home expenses.

**Calculus**

1 Year Course

Grade 12

Elective

Prereq.- PreCalc. or  
equivalent class  
“C-“ or Above w/Instructor's approval

5 days/week

2 credits

Calculus stands at the gateway to a plethora of applications in many fields. It is a mathematical tool used to analyze the rate at which a physical quality varies. In arithmetic, operations are carried out on numbers; in algebra, operations are carried out on variables; in calculus, operations are carried out on functions which represent relationships between variable quantities.

**Math 7**

1 year course

Grade 7

Required

5 days/week

Topics covered are: proportional relationships (unit rates, scale drawings, percentages); operations with rational numbers (negative numbers, decimals, fractions); expressions and equations (writing and performing operations with expressions, solving multi-step equations); geometry (angles, circles, surface area, volume); data and statistics (sampling, dot plots, probability).

**Math 8**

1 year course

Grade 8

Required

5 days/week

Topics covered are: geometry (congruence, transformations, similarity, angle relationships, volume, Pythagorean Theorem); linear equations (solving multi-step equations, solving systems of equations); proportional relationships (interpreting, graphing, constructing); functions (interpreting, constructing, graphing); data and statistics (scatter plots, trend lines, two-way tables); real numbers (roots, exponents, scientific notation).

# MUSIC DEPARTMENT

## APPLIED MUSIC

### 1ST SEM. OR 2ND SEM.

<b>Beginning Music History</b> 1st or 2nd Sem.	Grades 9-12	Elective Prereq. - Teacher's Consent	5 days/week 1 credit
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This course surveys musical history, styles, and composers from the Baroque period on.

<b>Advanced Music History</b> 1st or 2nd Sem.	Grades 9-12	Elective Prereq. - Beg. Music History	5 days/week 1 credit
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This course is a continuation of the beginning music history course.

<b>Beginning Music Theory</b> 1st or 2nd Sem.	Grades 9-12	Elective Prereq. - Teacher's approval required	5 days/week 1 credit
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This course will introduce the student to the fundamentals of music. These fundamentals being notes, rhythms, keys, key signatures, scale spelling, chords, and sight singing.

This course is open to students, but the student must have some background in music. Curriculum will be constructed based on the student's interest.

<b>Advanced Music Theory</b> 1st or 2nd Sem.	Grades 9-12	Elective Prereq.- Beg. Music Theory & Teacher's approval required	5 days/week 1 credit
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This advanced course would develop the fundamentals, learned in the beginning of music theory, to a higher degree. A final project would be an original composition following musically correct rules of competition. Curriculum will be constructed based on the student's interest.

<b>Music Appreciation</b> 1st or 2nd Sem. (Concurrent Enrollment – IHCC)	Grade 12	Elective Prereq. – Instructor's approval	5 days/week 1 credit
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This class is a concurrent college level class offered at Keota High School. This course will include a general survey of musical terminology, and is designed to develop musical perception with discussion of musical time periods through listening to specific musical compositions, and discussion of specific practice techniques and instrumentation of each period. The emphasis of the course is to build an understanding of musical compositions, their historical significance, and elements.

The student will listen to selected works, attend live performances, identify musical works aurally and complete a paper investigating an important composition by a major composer.

<b>Applied Voice</b> 1 <sup>st</sup> or 2 <sup>nd</sup> Sem. (Concurrent Enrollment – IHCC)	Grades 11-12	Elective Prereq. – Instructor's approval	5 days/week 1 credit
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<b>American Music Theatre/ or American Music Theatre II</b> 1st or 2nd Sem.	Grade 11-12	Elective Prereq.- Instructor's approval	5 days/week 1 credit
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Research, analyze, journal, critique, write, and perform musical theatre productions from 1900's on.

<b>Music Theory 1-6</b> 1st or 2nd Sem. (Concurrent Enrollment – IHCC)	Grade 11-12	Elective Prereq. - Instructor's approval	5 days/week 1 credit
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## **INSTRUMENTAL MUSIC**

### **1 YEAR COURSE**

<b>Instrumental Music</b> 1 year course	Grades 9-12	Elective Prereq.- none	3 days/6 day cycle 0.5 credit/semester
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The band performs at various events throughout the year such as SICL Festival, concerts, athletic events, small and large group ensemble festivals, graduation. The band performs and studies literature from Renaissance to pop, learning correct style and performance practices of each historical period. Through co-operative learning, correct sound production and artistic expression skills are developed.

<b>7<sup>th</sup> &amp; 8<sup>th</sup> Gr. JH Band</b> 1 year course	Grades 7 & 8	Elective	3 days/week
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Music of several time periods is performed. A Winter Concert and Spring Concert are performance opportunities.

## **VOCAL MUSIC**

### **1 YEAR COURSE**

<b>High School Chorus</b> 1 year course	Grades 9-12	Elective Prereq.- none	3 days/6 day cycle 0.5 credit/semester
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Chorus performs at various events throughout the year such as concerts, honor choir, community programs, small and large group ensemble festival, SICL festival, and graduation. Chorus performs and studies literature from the Renaissance to pop, learning correct style and performance practices of each historical period. Through co-operative learning, correct sound production and artistic expression skills are developed. EAGLEROCK! begins with chorus membership but rehearses outside of chorus time.

<b>7<sup>th</sup> &amp; 8<sup>th</sup> Gr. Jr. High Chorus</b> 1 year course	Grades 7 & 8	Required	3 days/week
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Music of several time periods is performed. A Winter Concert and a Spring Concert are performed.

# PHYSICAL EDUCATION DEPARTMENT

## 1 YEAR COURSE

### **Co-Ed P.E.**

Grades 9-12

Required

3 days/6 day cycle

1 year course

Prereq.- none 0.5 credit/semester

Physical Education is a required course for all 9-12 students. The main emphasis is on lifetime and leisure time activities. Some team activities and team sports are taught. The following units are taught: soccer, football, tennis, volleyball, weight lifting, fitness walking, table tennis, shuffleboard, badminton, pickleball, racquetball, bowling, golf, frisbee golf, bean bag tossing and CPR.

Golf is taught and students get to go to the golf course and play nine holes.

The 9-12 students go to Sigourney every year to bowl.

CPR is taught every other year.

### **7th Gr. & 8<sup>th</sup> Gr. Physical Education**

Grades 7 & 8

Required

3 days/6 day cycle

1 year course

Junior High Physical Education meets three days in a six day cycle. The following units are taught: team sports (football, soccer, speedball, basketball, volleyball, softball, and Eagle Ball); individual and dual sports (table tennis, shuffleboard, badmitton, pickleball, racquetball, bowling, and bean bag tossing).

### **Personal Health**

Grades 9-12

Elective

5 days/week

1 year course

1 credit/sem.

This course is designed to inform each student of the importance of maintaining a healthy body and a positive outlook on life. Instruction shall include personal health; environmental health; safety and survival skills; consumer health resources and prevention of control and diseases.

## SCIENCE DEPARTMENT

### 1 YEAR COURSE

<b>Biology</b>	Grade 10	Required	5 days/week
1 year course		Prereq. - none	2 credits

A study of the basic life structures, functions and processes; the interaction of all living things on earth; cell division, heredity, and evolution; and the scientific method. Special projects include lab reports, cell diagram, and a cancer research project.

<b>Chemistry</b>	Grades 11-12	Elective	5 days/week
1 year course		Prereq.- Alg. I	2 credits

Chemistry is a rigorous course in science that has incredible ties to the real world. It teaches you to problem solve, think on your feet, argue from evidence, evaluate sources of information and collaborate with others to learn.

In this class you will learn about atomic structure, chemical bonding, chemical reactions, gas laws, as well as acids and bases. Since chemistry is a laboratory based course, each chapter will include a lab and writing of lab reports.

Course units studied for chemistry are: Making Sense of Matter, Inside the Atom, Periodic Table, Ion and Nomenclature, Covalent Bonding, The Mole, Chemical Reactions, Stoichiometry, and Acids & Bases.

<b>Environment Science</b>	Grades 11-12	Elective	5 days/week
1 year course		Pre-req. - Physical Science & Biology	2 credits

Environmental Science is a science course that enables students to develop an understanding of natural and man-made environments and environmental problems the world faces. Students explore environmental science concepts through an inquiry-based approach. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for Earth Systems, The Living World, Human Population, Water and Land Resources, Energy Resources and Consumption, Pollution and Waste Production, Global Change, and Civic Responsibility.

<b>Physical Science</b>	Grade 9	Required	5 days/week
1 year course		Prereq.- none	2 credits

This course will deal with the basic principles of both physics and chemistry. Students will study a variety of topics in those areas, i.e. motion, matter, sound, light, waves, general chemistry, energy (different forms), organic chemistry, and others. Special projects include an atom model, designing own periodic table, roller coaster, Rube Goldberg devices, and lab reports.



**Science Research Methods**  
1 year course

Grades 10-12

Elective  
Pre-req. - Biology

5 days/week  
2 credits

This course is for students who have the desire to learn more about the scientific method and how it applies to the investigation of the scientific application of Biotechnology in the discovery of and use of bioengineered organisms. This course will have a collaborative effort amongst students and mentors in developing the student's own individual research project, which will culminate in a year-long independent science research experience using the scientific method as the driving force in developing a better understanding of bioengineered projects.

Course work will include instruction in biotechnology and techniques used to make bioengineered organisms and related "hands on" investigations. All students will be required to complete one independent science research project. This project will include a display board, a large format poster, a scientific research paper as well as the research binder and laboratory notebook. Students are required to complete the project. Students will be assessed quarterly on their progress. The display board and paper are subject to multiple revisions prior to gaining eligibility to enter competitions.

**Integrated Science 7**  
1 year course

Grade 7

Required

5 days/week

All 7<sup>th</sup> grade students will take this science class that incorporates units in Life Science, Earth Science, and Physical Science. Specific units include: forces and interactions, energy in a system, Earth's place in the universe, from molecules to organisms, ecosystems, heredity, and variations of traits. Special projects include an Insect project and Science Fair.

**Integrated Science 8**  
1 year course

Grade 8

Required

5 days/week

Units include: motion and stability, energy, waves, ecosystem dynamics, biological evolution, Earth's place in the universe, and Earth's Systems. Special projects include Science Fair.

## SOCIAL STUDIES DEPARTMENT

### 1 YEAR COURSE

<b>U.S. History</b> 1 year course	Grade 10	Required Prereq.- none	5 days/week 2 credits
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A course in American History using the survey approach to discuss the political, economic, and social factors and changes of the United States from Reconstruction through WW II. Periods covered include the Reconstruction Era, Westward Expansion, Imperialism, Gilded Age, Progressive Era, WW I, Jazz Age/Roaring 20's, Great Depression and WW II.

<b>American History 8</b> 1 year course	Grade 8	Required Prereq.-none	5 days/week
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This course is a general survey history course that discusses the political, economic, and social factors of the United States from 1400 AD through the Civil War. This course will consist of reading, organized classroom discussion, simulation games, worksheets, debates, videos, individual and group projects, the use of the Internet, note taking, journaling, critical thinking, scenario writing, quizzes and tests.

<b>Social Studies 7</b> 1 year course	Grade 7	Required Prereq. - none	5 days/week
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This class begins with a look at what history is and what steps are taken to try and accurately portray history. They will begin to look at ancient cultures with particular emphasis on Ancient Egypt, Ancient Rome, and Medieval Europe.

First semester will cover the Stone Age, Mesopotamia, Egypt, Greece, and Rome.

The second semester will cover the following areas: Medieval Europe and The Americas – Early Explorers. Students will learn about mapping and such skills as latitude and longitude.

### 1ST SEM. ONLY

<b>Psychology</b> 1st Sem. Only	Grades 10-12	Elective Prereq.-none	5 days/week 1 credit
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This course is focused on the development of human behavior. This course will consist of reading, organized classroom discussion, simulation games, worksheets, videos, individual and group projects, the use of the Internet, note taking, critical thinking, quizzes and tests. Emphasis will be placed on approaches to psychology, the life span, and the workings of the mind and body.

<b>Recent U.S. History "A"</b> 1 <sup>st</sup> Sem. Only	Grade 9-12	Elective Prereq.- Instructor's approval	5 days/week 1 credit
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Recent U.S. History "A" covers American history from 1945-1968. Topics such as the cold war, suburbanization, the rise of the Sunbelt and decline of the Rust Belt, the conformity and contentment of the 1950s, and the upheavals of the 1960s are some of the issues covered in this class. Society, culture, economics, politics and technology of this time period will be covered. The class includes an analysis of the people, events, and issues and also historical evidence reflecting time, continuity, change and casual relationships from 1945-1968.

<b>Sociology</b>	Grades 11-12	Elective	5 days/week
1st Sem. Only		Prereq.- none	1 credit

This course is focused on people and their relationships to society. This course will consist of reading, organized classroom discussion, simulation games, worksheets, debates, videos, individual and group projects, the use of the Internet, note taking, critical thinking, scenario writing, quizzes and tests. Emphasis will be placed on the sociological perspective, organization of social life, and the individual in society.

<b>U.S. Government</b>	Grade 12	Required	5 days/week
1st Sem. Only		Prereq.- US History	1 credit

U.S. Government is a one-semester course required for seniors in order to graduate. It covers the United States Constitution, the Bill of Rights, the federal system of government (specifically the legislative, executive, and judicial branches), and the structure and relationship between the national & state governments. Also covered are voting statutes and procedures, voter registration requirements, the U.S. citizenship test, and the method of acquiring and casting an absentee ballot. Finally, the course covers the government of Iowa and current trends and issues.

<b>World History</b>	Grades 9-12	Elective	5 days/week
1 <sup>st</sup> Sem. Only		Prereq. – none	1 credit

World History is a one semester course open to freshmen, sophomores, juniors, and seniors. It uses the “Big History” online curriculum covering the Big Bang to present (13.8 billion years). Major topics include Early Humans, Agriculture and Civilization, Age of Exploration, the Industrial Revolution, 20<sup>th</sup> Century Conflicts and Advancements, and, finally, Predictions for the Future.

## **2ND SEM. ONLY**

<b>Advanced Psychology</b>	Grades 10-12	Elective	5 days/week
2nd Sem. Only		Prereq.-Psych. I	1 credit

This course is designed to be a continuation course of Psychology I. This course will consist of reading, organized classroom discussion, simulation games, worksheets, videos, individual and group projects, the use of the Internet, note taking, critical thinking, quizzes and tests. Emphasis will be placed on learning and the cognitive process, personality and individuality, and social psychology.

<b>Advanced Sociology</b>	Grades 11-12	Elective	5 days/week
2nd Sem. Only		Prereq.- Sociology	1 credit

This course is designed to be a continuation course of Sociology. This course will consist of reading, organized classroom discussion, simulation games, worksheets, debates, videos, individual and group projects, the use of the Internet, note taking, critical thinking, scenario writing, quizzes and tests. Emphasis will be placed on social inequality, social institutions, and the changing society.

**Recent U.S. History “B”**  
2<sup>nd</sup> Sem. Only

Grade 9-12

Elective  
Prereq.- Instructor's  
approval

5 days/week  
1 credit

Recent U.S. History “B” covers American history from 1968 to the present. Topics covered include the collapse of the USSR, the new multipolar, the post-cold war world, the new millennium and the turn of the century. Society, culture, economics, politics and technology of this time period will be covered. The course includes an analysis of the people, events, issues and historical evidence reflecting time, continuity, change and casual relationships from 1968 to the present.

**World Geography**  
2<sup>nd</sup> Sem. Only

Grades 9-12

Elective  
Prereq.- none

5 days/week  
1 credit

World Geography is a one semester course open to freshmen, sophomores, juniors, and seniors. It begins by examining the basic geographic skills, cartography, and the geographic perspective. Then it examines the major concepts of physical geography and human geography. Finally, it examines how these combine to make each region of Earth unique. Areas that may be covered include: the U.S.A. and Canada, Middle and South America, Europe, and Russia, North Africa, Southwest and Central Asia, sub-Saharan Africa, South Asia, East Asia, Southeast Asia, Australia, New Zealand, and the Pacific Islands.

**World Political Theory  
(Model UN)**  
2<sup>nd</sup> Sem. Only

Grades 9-12

Elective  
Prereq.- none

5 days/week  
1 credit/sem.

This course is a study of world politics and foreign policy. The students will develop a total foreign policy package for their representative country and, using this knowledge, represent that country at a 1-day Model United Nations exercise at the University of Northern Iowa.

**Intro. to Psychology**  
(Concurrent Enrollment – IHCC)  
2<sup>nd</sup> Sem. Only

Grades 11-12

Elective  
Prereq.- Instructor's  
approval

5 days/week  
1 credit

This is a concurrent college level class offered at Keota High School and is open to juniors and seniors. This course provides a broad introduction to the principles of contemporary psychology. The goal is to provide students with an understanding of the theoretical foundations of psychology, as well as a survey of empirical research dealing with behavior and mental processes. This course is a survey of the many different areas covered within the field of psychology. It introduces students to the way psychology affects them as a person as well as its ability to help us understand, predict, and control behavior for the betterment of people. It is offered as a general education college course in light of its impact on our society through the research that is being conducted and the theories that are presented.

## CAREER EDUCATION DEPARTMENT

<b>Career Development Skills</b>	Grades 11-12	Elective	5 days/week
(Concurrent Enrollment – IHCC: ADM 221)		Prereq. – None	1 credit
1 <sup>st</sup> Sem. Only			

This is a concurrent college level class offered through Indian Hills Community College. The purpose of this class is to prepare students for work study experience and for the world of work. It will explore many different topics related to entering the workforce. These topics will be useful not only for work study, but for your future adult life. Some of the areas of study will be identifying ways to plan for employment; identifying ways to search for a job; applying for a job; understanding wages, benefits, and taxes; understanding safety standards and procedures in the workplace; understanding procedures for job training, performance evaluation, retention, and promotion; interpersonal interaction in employment situations; and using the computer to enhance job performance.

<b>Employability Skills</b>	Grade 11-12	Elective	5 days/week
(Concurrent Enrollment – IHCC: WBL110)		Prereq.-	1 credit
1 <sup>st</sup> OR 2 <sup>nd</sup> Sem.		Administration approval	

This is a concurrent college level class offered at Keota High School and is open to Juniors & Seniors. This course is designed to assist students in illustrating the skills necessary to obtain employment by aligning career goals with education plans and practice the skills and attitudes required for job success. Students will complete an inventory, practice resume writing, interviewing techniques, and work-place problem solving strategies. Networking with local employers and learning about local employment opportunities will be a key course component.

<b>How to Be Successful in College</b>	Grade 11-12	Elective	5 days/week
(Concurrent Enrollment – IHCC: SDV101)		Prereq.-	1 credit
1 <sup>st</sup> OR 2 <sup>nd</sup> Sem.		Administration approval	

This is a concurrent college level class offered at Keota High School and is open to Juniors & Seniors. This course introduces students to the fundamental skills necessary for college success. Topics include: study and test-taking skills, college culture and services, financial aid and literacy, health and wellness, policies and procedures.

<b>Work Experience Program</b>	Grade 12	Elective	5 days/week
1 <sup>st</sup> OR 2 <sup>nd</sup> Sem.		Prereq.-	2 credits
		Administration approval	

In order to enroll in Work Experience (a 2-credit course), students must be on a clear path to graduation with all required courses completed or in process. The Work Experience Program is only available for Seniors and can only be taken ONE semester. Placements can not be with family members but must rather be with a place of business that will provide a real work experience which prepares students for long-term employment later in life. The Work Experience Program is a “pass/fail” course that does not impact the student’s GPA. Students must get permission from Keota School Administration to participate and placements must be approved.

Along with a signed agreement by all involved parties, students are to have their employers fill out an evaluation form every month, which is provided by the school and it must be return back to the school administration for credit to be issued.

# YEARBOOK

**(Yearbook is a year-long course and can NOT be dropped at the semester.)**

<b>Yearbook I</b> 1 year course	Grades 9-12	Elective	3 days/week - 0.5 credit
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The introductory yearbook course offers the student total involvement in the production of the school yearbook. Activities include advertising, layout planning, photography, copy writing, and proofing.

<b>Yearbook II</b> 1 year course	Grades 10-12	Prereq - Yearbook I	3 days/week - 0.5 credit
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The second level yearbook course is designed to help students refine their skills in copywriting, proofing, photography, and layout planning. Students deepen their understanding of advertising.

<b>Yearbook III</b> 1 year course	Grades 11-12	Prereq.- Yearbook I & II	3 days/week - 0.5 credit
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This course is for junior & senior level publication staff members. Students are required to fill an editor's position or take a leadership role on the publication staff. Students complete various spreads, assignments, and copy edit. They master layout and design in desktop publications, digital imagery, and photo placement.

<b>Yearbook IV</b> 1 year course	Grade 12	Prereq. - Yearbook I, II, & III	3 days/week - 0.5 credit
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