

# Clarinda High School Course Selection Guide



## 2023-2024

Clarinda High School  
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Clarinda, IA 51632  
Phone: 712-542-5167  
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## ACADEMIC POLICIES & PROCEDURES

### INTRODUCTION

This handbook is published annually to give students, parents, and staff the information needed to plan and manage each student's success in high school. A successful high school experience is the outcome of knowing what is required, careful selection and sequencing of courses, and awareness of important academic policies and procedures. Counselors, administrators, and teachers stand ready to help students develop plans and make decisions. Students, however, must assume the greatest responsibility for their success in high school since they direct their development and choose where and how to use their effort and talents. Students and families need to be aware that all course offerings are subject to enrollment.

The courses listed below are not a guaranteed offering each semester.

#### **District Mission:**

The Clarinda Community School District's mission is to educate all students to succeed by ensuring quality leadership, curriculum, assessment and instruction.

### NON-DISCRIMINATION STATEMENT

It is the policy of the Clarinda Community School District not to illegally discriminate on the basis of race, color, national origin, sex, disability, religion, creed, age (for employment), marital status (for programs), sexual orientation, gender identity and socioeconomic status (for programs) in its educational programs and its employment practices. There is a grievance procedure for processing complaints of discrimination. If you have questions or a grievance related to this policy, please contact the district's Equity Coordinator, Heidi Bird at:

423 E. Nodaway PO Box 59  
Clarinda Iowa 51632  
712-542-5165  
hbird@clarindacsd.org

Additional questions about this policy can be addressed by contacting the Iowa Civil Rights Commission, Grimes State Building, 400 E. 14th Street, Des Moines, IA 50319-1004; phone number 515-281-4121, 800-457-4416; website: <http://www.state.ia/us/government/crc/index.h>

# GRADUATION REQUIREMENTS

## Requirements for Graduating

<a href="#">English Language Arts</a>	<b>Total 8</b>
<a href="#">Financial Literacy</a>	<b>Total 1</b>
<a href="#">Health</a>	<b>Total 1</b>
<a href="#">Mathematics</a>	<b>Total 6</b>
<a href="#">Physical Education</a>	<b>Total 4</b>
<a href="#">Science</a>	<b>Total 6</b>
<a href="#">Social Studies</a>	<b>Total 6</b>
World History	2 Credits
American History	2 Credits
American Government	1 Credit
Social Studies Elective	1 Credit
<b><u>Approved elective courses</u></b>	<b><u>Total 20</u></b>
<b>Total Requirements</b>	<b>52 Credits</b>

## Recommended Year and Course Schedule

### Freshman Courses:

- English 9, Honors 9
- Algebra I, Geometry, or Algebra II
- Physical Science
- World History
- Physical Education

### Sophomore Courses:

- English 10 B - Communication
- English 10 or Honors 10
- Biology
- American History
- Health I
- Algebra I, Geometry, or Algebra II
- Physical Education

### Junior Courses:

- English 11 A & B or Honors 11 A & B
- Math Requirement
- Science Electives (2)
- Physical Education
- Social Studies Elective
- Personal Finance (Required elective for Junior or Senior Year)

### Senior Courses:

- English 12 A
- American Government
- Physical Education
- Personal Finance (Required elective for Junior or Senior Year)

## AGRICULTURAL SCIENCE

### **Agricultural Education I**

*Grade Level:* 9,10

*Terms:* 2

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

This course surveys a wide array of topics within the agricultural industry, and students with no agricultural background will find areas of interest in this course offering. Students will be exposed to the many careers in agriculture and will study the food and fiber system -- its history and social/environmental impact on our state and world. International agriculture will be a focus, as students will examine a wide variety of animals and crops found throughout the world. Students will also study animal husbandry areas that make up the U.S. agricultural sector and will learn about the production and management of livestock. Other topics studied in this course include an introduction to FFA and SAE, leadership abilities and how to conduct meetings, basic record keeping skills, and basic woodworking skills. The use of computers and the internet will be an effective resource for students in Ag. Ed. I. Students will be introduced to how science is integrated into agriculture through labs and other activities from the CASE curriculum.

### **Agricultural Education II**

*Grade Level:* 10,11,12

*Terms:* 2

*Prerequisite:* Ag. Ed. I

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

This course involves the study of biological concepts and principles of plant growth and development. Topics include the importance of plants to the environment, plant classifications, functioning parts of the plant, and the importance of plant physiology in growth and development. Students will examine the practices in U.S. and world plant production and identify their importance as a food source for a growing world population. Students will take an in-depth look at the life cycle of plants and plant classification and will gain valuable hands-on experience by working with each other in small groups collecting and identifying plants throughout the area. Ag. Ed. II students will also work with each other in examining current issues in agriculture and discussing and debating these issues with one another. Students will gain leadership and communication skills by learning parliamentary procedure. Students will be introduced to how science is integrated into agriculture through labs and other activities from the CASE curriculum.

### **Ag. Careers & Industry**

*Grade Level:* 10,11,12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Career preparation is relevant and rigorous; this course will provide the students with basic leadership and personal development skills that will transfer as the student continues with their education, community involvement, and/or employment. Throughout the semester students will be provided with opportunities to develop knowledge and skills that pertain to the agriculture industry and careers with the industry. The course will combine classroom instruction with business and industry experiences/opportunities. The main goal is to

prepare students with a variety of skills for a potential career in agriculture or a foundation for any setting. Students will have a capstone project that includes resume, job application, cover letters, work/school samples

### **Agricultural Communications**

(can satisfy an English elective)

Grade Level: 11,12

Enrollment Limit: 18

Terms: 1

Prerequisite: None

Credit/Semester: 1

NCAA: No RAI: No

This is a very practical, hands-on course in which students will gain valuable experience in communicating in the business world. The primary goal of the course is to help students communicate successfully through written and oral business messages that receivers can easily understand and to which they will react favorably. Topics in which students will gain experience are writing effective letters, memos, reports, and proposals and learning how to give proper oral reports to different audiences. Students will use computers extensively to create the documents listed above and learn to write effectively for their future endeavors in the business world.

### **Conservation**

Grade Level: 9,10,11,12

Enrollment Limit: 18

Terms: 1 (science elective)

Prerequisites: None

Credit/Semester: 1

NCAA: No RAI: No

This course will engage students in the study of conservation practices throughout Iowa and the U.S. and the study of natural resources in the U.S. and the world. Students will gain an understanding of the importance of soil science and its properties and functions by taking soil samples and judging soil. Students will also be exposed to the topic of wildlife management as well as water quality and watershed issues. Another area of study will be tree identification and physiology, in which students will study how trees can protect wildlife and land, clean our air and streams, and impact our nation's energy needs. Students will be introduced to how science is integrated into agriculture through labs and other activities from the CASE curriculum.

### **Food Science**

Grade Level: 10,11,12

Enrollment Limit: 15

Terms: 1

Prerequisite: None

Credit/Semester: 1

NCAA: No RAI: No

Discover the science behind your favorite foods! How is your favorite food made? Are additives and GMO's bad? Will you get sick if you eat mold? These questions and more will be answered as you investigate principles of food processing and food science. Topics to be covered include food safety and regulations, processing and preservation, product development, and nutritional content of various foods. The course places emphasis on hands-on lab activities and discussion.

### **Horticulture**

Grade Level: 9,10,11,12

Enrollment Limit: 18

Terms: 1 (science elective)

Prerequisite: None

Credit/Semester: 1

NCAA: No RAI: No

Horticulture students will be engaged in learning many different practices and procedures in the horticulture industry. An overview of horticulture and plant science concepts will begin the course, followed by hands-on activities which include seed germination, taking cuttings and propagating them, transplanting, grafting tree

branches, and pruning trees. Nursery management principals will be discussed, along with the choice of horticulture careers in the business world today. Students will be introduced to how science is integrated into agriculture through labs and other activities from the CASE curriculum.

### **Landscape Design**

*Grade Level:* 9,10,11,12

*Enrollment Limit:* 12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Landscape Design students will begin a study on landscaping and will utilize a computer program to perform their own landscape designs. Students will also look into the increasingly popular area of turf and lawn grass management and discover the importance of these areas of study to home and recreational horticulture. Other areas of interest in which students will gain an understanding and receive hands-on experience are xeriscaping, interior landscaping, and floriculture.

### **Ag Marketing**

*Grade Level:* 11,12

*Enrollment Limit:* 18

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Any student who plans to enter the world of business will benefit. Students entering careers such as banking, business, economics, and marketing will develop an understanding of U.S. and world production, specialization and trade, U.S. and world markets, and the principles of supply and demand. An overview of marketing concepts, activities, & principles will be studied, along with commodity marketing and pricing strategies. Students will be involved in giving sales presentations and will also develop marketing strategies of their own in order to gain valuable experience in organizing their marketing activities.

### **Small Animal Veterinary Science**

*Grade Level:* 10,11,12

*Enrollment Limit:* 15

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Students learn how to keep your pets happy, healthy, and safe with actual animals. You will learn how to make diagnoses, and analyze diets and nutrition. You will learn how to bandage an injury, stitch a wound, and address any major medical emergency. You will understand what it takes to effectively care for small animals in any situation. This is an ideal class for anyone who loves caring for animals or who wants to pursue a career in a medical field. This class involves opportunities to work with live dogs and cats as well as various other species.

### **Large Animal Veterinary Science**

*Grade Level:* 10,11,12

*Enrollment Limit:* 15

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Students in this course explore health and diseases, analyze pathogens and learn how to reduce the prevalence of disease through administration of vaccines, antibiotics, and other health measures. Students explore the reproductive system of mammals. Students explore nutrition, connecting the components of the diet of an animal to its health and wellbeing. Students conclude the course by assessing animal welfare, facility design, and finish by conducting physical exams.

**Ag Internship***Grade Level: 11,12**Enrollment Limit: 10**Terms: 1**Prerequisite: None**Credit/Semester: 1**NCAA: No RAI: No*

This experience gives students the opportunity to receive on-the-job training at one or more work sites on a non-paid basis. The focus is on long-term training. Work sites are secured and monitored by the Internship Coordinator(s). Work evaluations are completed. The Coordinator will meet weekly with students to review performance.

**Ag Seminar***Grade Level: 9, 10, 11,12**Enrollment Limit: 10**Terms: 1**Prerequisite: None**Credit/Semester: 1**NCAA: No RAI: No*

This course covers basic hand tool and machine operations in the wood/carpentry shop. Shop and machine safety are prioritized and operation of jigsaw, band saw, scroll saw, drill press, jointer, table saw, bandsaw, sanders, lathe, and portable tools will be implemented. Semester consists of required projects aimed at principles of construction, joints, assembly, gluing, clamping, and finish. The final for the semester focuses on the design and construction of the student's own project(s).

### **AG Dual College Credit Classes**

**Farm Business Management (AGB 330)***Grade Level: 10,11,12**Enrollment Limit: 18**Terms: 1**Prerequisite: None**College credits (3) available for this course**Credit/Semester: 1**NCAA: No RAI: No*

Farm Business Management examines the business and economic principles applied to decision-making and problem-solving in the management of a farm business. Students learn about cash flow, partial, enterprise, and whole farm budgeting. Additional topics include: information systems for farm accounting, analysis, and control; obtaining and managing land, capital, and labor resources; and alternatives for farm business organization.

**Survey of Animal Industry (AGS 113)***Grade Level: 10,11,12**Enrollment Limit: 18**Terms: 1**Prerequisite: None**College credits (3) available for this course**Credit/Semester: 1**NCAA: No RAI: No*

Survey of the Animal Industry examines ways domestic animals serve the basic needs of humans for food, shelter, protection, fuel, and emotional well-being. Terminology, basic structures of the industries surrounding the production, care, and marketing of domestic animals in the U.S. Includes hands-on learning experiences relative to production and/or companion animals common to the area.

**Introduction to Crop Science (AGA 181)***Grade Level: 10,11,12**Enrollment Limit: 18**Terms: 1**Prerequisite: None**College credits (3) available for this course**Credit/Semester: 1**NCAA: No RAI: No*



Introduction to Crop Science examines the basic structure and function of plants, origin and classification, growth and development. Fundamentals of photosynthesis, plant water use, plant nutrition and genetics that regulate plant growth, development and responses to the environment.

**Introduction to Soil Science (AGA 182)**

*Grade Level: 10,11,12*

*Enrollment Limit: 18*

*Terms: 1*

*Prerequisite: None*

*College credits (3) available for this course*

*Credit/Semester: 1*

*NCAA: No RAI: No*

Introduction to Soil Science covers physical, chemical, and biological properties of soils, soil formation, classification and global distribution, soil health, soils and humanity and sustainable land management.

**Ag Selling (AGB 336)**

*Grade Level: 10,11,12*

*Enrollment Limit: 18*

*Terms: 1*

*Prerequisite: None*

*College credits (3) available for this course*

*Credit/Semester: 1*

*NCAA: No RAI: No*

Principles of selling with application to agricultural and food related businesses. Attitudes, value systems, and behavioral patterns that relate to agricultural sales. Marketing, selling strategies, preparing for sales calls, making sales presentations, handling objections, and closing sales. Analysis of the buying or purchasing process. Evaluation of the agri-selling profession.

## BUSINESS AND TECHNOLOGY EDUCATION

**Accounting I**

*Grade Level: 10, 11, 12*

*Prerequisite: A "C" or better in General Business, Personal Finance, or teachers' permission.*

*Terms: 2*

*Credit/Semester: 1*

*NCAA: No RAI: No*

Description: Accounting I is designed to provide the student with necessary fundamental principles needed to keep systematic & accurate financial records. Accounting covers complete accounting cycles of sole proprietorships, partnerships and corporations. Accounting I is recommended for the college-bound student. Practical simulations are offered that will give first-hand experience on how accounting actually works in a business situation. Daily homework will be assigned. May be taken in grade 10 with teacher permission. It is suggested that Accounting I be taken during their 10th grade year, Accounting II during their 11th grade year, and Principles of Accounting at IWCC during their 12th grade year.

**Accounting II**

*Grade Level: 11, 12*

*Terms: 2*

*Prerequisite: Accounting I*

*Credit/Semester: 1*

*NCAA: No RAI: No*

Description: Accounting II is a full-year course which continues the theories learned in Accounting I. This course is designed for the student specifically interested in a business career. It is highly recommended for the student planning to major in business in college. The course includes 20 chapters & 3 packets. Computerized accounting applications will be infused throughout the course. Daily homework will be assigned. It is suggested that Accounting II should be taken during their 11th grade year, and Principles of Accounting at IWCC during their senior year.

**Desktop Publishing**

Grade Level: 9, 10, 11,12

Terms: 1

Prerequisite: None

Credit / Semester: 1

NCAA: No RAI: No

Description. This class will challenge students to create projects published from various applications. Both the technical & artistic layouts of work to be viewed by the public are explored. Student work will be displayed. Students will have a very good understanding of Photoshop and Pixels.com

**General Business (Business I)**

Grade Level: 9, 10, 11, 12

Terms: 1

Prerequisite: None

Credit/Semester: 1

NCAA: No RAI: No

Description: This course offers a variety of units on business concepts and skills that everyone must learn to function in today's society. It is suggested that future accounting students enroll in this course to give them a better business foundation. Topics include:

- Basic Economics—(needs and wants) (supply and demand) (recession and recovery)
- Ethics and Social Responsibility—doing the right thing (businesses and individuals)
- Foreign Trade—imports, exports, foreign currency (international business)
- Business Types and Ownerships—sole owners, partnerships, corporations (stock market)
- Government—USDA, EPA, FDIC, etc. (Prepare a 1040 tax return)
- Online Banking—complete a banking packet and understanding identity theft

**Computer Science**

Grade Level: 9, 10, 11, 12

Terms: 1

Prerequisite: None

Credit/Semester: 1

NCAA: No RAI: No

**Information Management**

Grade Level: 9, 10, 11, 12

Terms: 1

Prerequisite: None

Credit/Semester: 1

NCAA: No RAI: No

Description: This course is intended to enhance competencies in the use of spreadsheet and database programs to better manage information. Skills taught include the creation of spreadsheets and databases, calculations, creating charts and graphs, layouts, reports, and searches.

**Information Technology**

Grade Level: 9, 10, 11,12

Terms: 1

Prerequisite: None

Credit/Semester: 1

NCAA: No RAI: No

Description. Students will develop the necessary skills to code and program websites, games and robots using problem-solving skills to complete projects and assignments. Additional topics include exploration of current trends in technology, selecting equipment to purchase, and computer security topics, while possibly having community members speak about technology in the workplace and issues that arise.

**Microsoft Applications**

Terms: 1

Credit/Semester: 1

Description: This course will develop competencies in the advanced feature of word processing using the following: Microsoft Word software, spreadsheet using Excel, Open Office, Google Docs, PowerPoint and iPad Applications. There is a focus on using the tools and elements of the program.

### **Personal Finance (Required)**

Terms. 1

Credit/Semester: 1

Grade Level: 11, 12

Prerequisite: (Gen. Bus. suggested)

NCAA: No RAI: No

The class will include, but not be limited to according to the Financial Literacy Mandate:

- a. Savings, including an emergency fund, purchases, and wealth building.
- b. Understanding investments, including compound and simple interest, liquidity, diversification, risk-return ratio, certificates of deposit, money market accounts, single stocks, bonds, mutual funds, rental real estate, annuities, commodities, and futures.
- c. Wealth building and college planning, including long-term and short-term investing using tax-favored plans, individual retirement accounts and payments from such accounts, employer-sponsored retirement plans and investments, public and private educational savings accounts, and uniform gifts and transfers to minors.
- d. Credit and debt, including credit cards, payday lending, rent-to-own transactions, debt consolidation, automobile leasing, cosigning a loan, debt avoidance, and debt marketing, especially to young people.
- e. Consumer awareness of the power of marketing on buying decisions, including zero percent interest offers; marketing methods, including product positioning, advertising, brand recognition, and personal selling; how to read a credit report and correct inaccuracies; how to build a credit score; how to develop a plan to deal with creditors and avoid bankruptcy; and the federal Fair Debt Collection Practices Act.
- f. Financial responsibility and money management, including creating and living on a written budget and balancing a checkbook; basic rules of successful negotiating and techniques; and personality or other traits regarding money.
- g. Insurance, risk management, income, and career decisions, including career choices that fit personality styles and occupational goals, job search strategies, cover letters, resumes, interview techniques, payroll taxes, and other income withholdings, and revenue sources for federal, state, and local governments.
- h. Different types of insurance coverage including renters, homeowners, automobile, health, disability, long-term care, identity theft, and life insurance; term life, cash value, and whole life insurance; and insurance terms such as deductible, stop loss, elimination period, replacement coverage, liability, and out-of-pocket.
- i. Buying, selling, and renting advantages and disadvantages relating to real estate, including adjustable rate, balloon, conventional, government-backed, reverse, and seller-financed mortgages.

### **Web Design**

Terms. 1

Credit/Semester: 1

Grade Level: 9, 10, 11, 12

Prerequisite: None

NCAA: No RAI: No

Description. This course uses the Adobe Dreamweaver program to introduce the area of web page design. Students learn to create different styles of sites and use different elements to make their sites more efficient.

## DRAMA THEATRE (OFFERING - TBD)

### **Beginning Acting**

*Grade Level:* 9, 10, 11,12

*Enrollment Limit:* 20

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No    *RAI:* No

Description: This course provides experience and skill development in one or more aspects of theatrical production, by allowing the students to concentrate on acting and performance skills. This Introductory course will explore fundamentals, expand students' exposure to different types of theatrical craft and traditions, and increase their participation in public productions.

### **Introduction to Theatre**

*Grade Level:* 10, 11,12

*Enrollment Limit:* 20

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No    *RAI:* No

Description: Introduction to Theatre will explore a wide variety of elements of theater--everything from improvisation to literature to lighting to promotion. The class will work as individuals and as team members to study various periods of theater history, developments of theater technology, acting styles, and playwrights. Students should also be prepared to research and write short papers about theater topics.

### **Play Reading & Writing**

*Grade Level:* 10, 11,12

*Enrollment Limit:* 20

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No    *RAI:* No

Description: This course helps students understand and employ writing principles and techniques to create original scripts suitable for theater, film, and/or television. This course explores the appropriate techniques of each genre and may examine the creative writing craft, scene writing, and the creation of a production.

### **Stagecraft**

*Grade Level:* 10, 11,12

*Enrollment Limit:* 20

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No    *RAI:* No

Description: This course is designed to cover the fundamentals of technical theater. The course introduces students to stage terminology, equipment, and basic construction methods. The course requires students to work on actual production situations. The class will maintain the stage and scene shop. They will also be used to service groups that use the auditorium. Hours of work beyond class time are also required.

### **Theater Production**

*Grade Level:* 11,12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No    *RAI:* No

*Enrollment Limit: 20*

Description: Theater productions class focuses on the study and production process of putting on a play. Students will learn all aspects of a show, ranging from a high school production to a professional production.

## EMPLOYABILITY EDUCATION

### **Core Career Education**

*Grade Level. 9,10,11,12*

*Terms: 1*

*Prerequisite. None*

*Credit/Semester: 1*

*NCAA: No RAI: No*

Description. This course is designed to provide students a basic background in the areas of getting and keeping a job. Development of workplace maturity skills, leadership skills, interviewing skills, interpersonal skills, & communication skills are key elements of this course. Students will examine their unique personal traits and review them in relation to various occupations, study job requirements, fill out applications, and complete a personal resume.

### **Internship I**

*Grade Level. 10, 11, 12*

*Terms. 1*

*Prerequisite. Core Careers or Ag. Comm.*

*Credit/Semester: 1*

*NCAA: No RAI: No*

*Enrollment Limit: 10 interns per term*

Description. This experience gives students the opportunity to receive on-the-job training at one or more work sites on a non-paid basis. The focus is on long-term training. Students may earn up to two credits per term. Work sites are secured and monitored by the Internship Coordinator(s). Work evaluations are completed. The Coordinator will meet weekly with students to review performance.

### **Internship II**

*Grade Level. 12*

*Terms. 1*

*Prerequisite: Internship I*

*Credit/Semester: 1*

*NCAA: No RAI: No*

*Enrollment Limit: 10 interns per term*

Description. This experience gives students the opportunity to receive on-the-job training at one or more work sites on a non-paid basis. The focus is on long-term training. Students may earn up to two credits per term. Work sites are secured and monitored by the Internship Coordinator(s). Work evaluations are completed. The Coordinator will meet weekly with students to review performance.

### **IJAG I (Iowa's Jobs for America's Graduates)**

*Grade Level: 9, 10*

*Term: Year*

*Credit/Year: 2*

*Prerequisite: None*

Description: Career transition into the workplace, including graduation and placement into postsecondary education, the workforce and/or the military. Targeted youth with employability and life survival skills through classroom instruction of 37 core competencies, guidance/counseling, academic remediation, work-based learning experiences, summer activities, post-secondary, and career advisement.

**IJAG II (Iowa's Jobs for America's Graduates)**

Term: Year

Credit/Year: 2

Grade Level: 11, 12

Prerequisite: None

Description: Introductory career preparation program that provides instruction in exploring personal strengths and weaknesses. Students will work to build strengths in academic areas, time management, personality and temperament, communication models for personal and career use and work to understand the relationship between personal actions and consequences that follow. Students will make connections to career interest, ability, and aptitude areas to begin determining their career goal. The program format involves individual and team activities/projects to demonstrate IJAG core competency attainment. Guest speakers will be a regular part of the course and students will be involved in community service experiences.

**ENGLISH LANGUAGE ARTS COURSE****English 9***Terms:* 2

Credit/Semester: 1

*Grade Level:* 9*Prerequisite:* None

NCAA: Yes RAI: Yes

Description: The basics of language arts are covered in English 9 to help students develop skill in English/Language Arts. This course meets state and district standards in areas of reading, writing, listening, and speaking. Through the study of novels and other reading choices, major literary style techniques will be introduced to help develop critical thinking skills on all levels: knowledge, comprehension, evaluation, analysis, and synthesis.

**English 9 Honors***Terms:* 2

Credit/Semester: 1

*Grade Level:* 9*Prerequisite:* Teacher rec.

NCAA: Yes RAI: Yes

Description: English 9H emphasizes learning advanced skills in language arts and is an alternative to English 9. Students write extensively, read challenging works, and view representation of literary works. This course meets state and district standards in areas of reading, writing, listening, and speaking. Through the study of novels and other reading choices, major literary style techniques will be introduced to help develop critical thinking skills on all levels: knowledge, comprehension, evaluation, analysis, and synthesis.

**Language Lab***Terms:* 2

Credit/Semester: 1

*Grade Level:* 9, 10*Prerequisite:* Teacher rec.

NCAA: No RAI: No

Description: This course is specifically designed to improve accelerated achievement in reading comprehension. Students will read books in class and independently to improve fluency, comprehension, vocabulary, and writing. Freshmen may take this course in place of two terms of English 9.

**English 10A***Grade Level:* 10*Terms:* 1*Prerequisite:* English 9*Credit/Semester:* 1*NCAA:* Yes *RAI:* Yes

Description: English 10 Language Arts offers a focus on composition and literature. This course meets state and district standards in the areas of reading, writing, listening, and speaking. Students learn about the alternate aims and audiences of written compositions and by writing persuasive and critical essays. Through study of various genres of literature, and comprehension plus develop skills to determine the author's intent and theme.

**English 10A Honors***Grade Level:* 10*Terms:* 1*Prerequisite:* Teacher rec.*Credit/Semester:* 1*NCAA:* Yes *RAI:* Yes

Description: English 10H emphasizes learning advanced skills in language arts and is an alternative to English 10. Students write, read challenging works, and view representation of literary works. This course meets state and district standards in the areas of reading, writing, listening, and speaking. Students learn about the alternate aims and audiences of written compositions and by writing persuasive and critical essays. Through study of various genres of literature, students can improve reading rate and comprehension plus develop skills to determine the author's intent and theme.

**English 10B Introduction to Communications (Offered: TBD)***Grade Level:* 10*Limit:* 16 students*Prerequisite:* English 9*Terms:* 1 *Credit/Semester:* 1*NCAA:* Yes *RAI:* Yes

Description: This course explores the three levels of communication: self-communication, communication with a small group, and communication with a large group. Activities and assignments offered to students are geared toward individual abilities. Short speech presentations will be presented by class members.

**English 11***Grade Level:* 11*Terms:* 2*Prerequisite:* English 10*Credit/Semester:* 1*NCAA:* Yes *RAI:* Yes

Description: English 11 continues to develop students' reading, writing, and discussion skills. The course features a variety of texts that range from classic literature to more contemporary pieces. Analyzing these texts will encourage students to practice critical thinking and the application of complex concepts to literature. Students will write and continue to focus on structure, mechanics, and fluidity.

**English 11 Honors***Grade Level:* 11*Terms:* 2*Prerequisite:* Teacher rec.*Credit/Semester:* 1*NCAA:* Yes *RAI:* Yes

Description: English 11 Honors is an alternative to English 11 that focuses on a deeper study of literature and more detailed writing. Students read challenging works, read extensively, and participate in small group discussions. The course features a variety of texts that range from classic literature to more contemporary pieces. Analyzing these texts will allow students to practice critical thinking and apply complex concepts to literature. English 11H students will demonstrate advanced writing skills by producing highly polished work.



**English 12 A***Grade Level:* 12*Terms:* 1*Prerequisite:* English 11*Credit/Semester:* 1*NCAA:* Yes *RAI:* Yes

Description: English 12A continues to guide students as they grow as readers, writers, and thinkers. Students will explore the development of the English language through texts that range from Anglo-Saxon literature to the prose of Shakespeare, to contemporary memoirs. This sweeping survey of the English language balances reading and writing while exploring the essential humanity that lies within literature.

**English 12 B: Lifetime Literature***Grade Level:* 12*(Offered: TBD) Terms:* 1*Prerequisite:* English 11*Credit/Semester:* 1*NCAA:* Yes *RAI:* Yes

Description: This course provides students with the opportunity to build a deeper understanding of different storytelling and artistic traditions for lifelong readers. Lifetime Literature highlights a variety of literature including fiction, nonfiction, poetry, and drama. The semester will allow students to sample writing from many different genres as they explore the link between language and life.

**Agricultural Communication** (may be used to satisfy either an agriculture or English elective)*Grade Level:* 11,12*Terms:* 1*Enrollment Limit:* 16*Prerequisite:* None*Credit/Semester:* 1*NCAA:* No *RAI:* No

Description: This is a very practical, hands-on course in which students will gain valuable experience in communicating in the business world. Primary goal of the course is to help students communicate successfully through written and oral business messages that receivers can easily understand and react favorably. Topics in which students will gain experience are writing effective letters, memos, reports, and proposals and learning how to give proper oral reports to different audiences. Students will use computers extensively to create documents listed above and learn to write effectively for their future endeavors in the business world. It may satisfy either an agriculture or English elective credit.

**Cardinal Publications (Offered: TBD)***Terms:* 1*Grade Level:* 11,12*Prerequisite:* Communication*Credit/Semester:* 1*NCAA:* Yes *RAI:* Yes

Description: Cardinal Publications focuses on teaching students how to write for a wide audience in a number of different contexts. Students will grow as writers as they produce a regular newsletter, television scripts, social media posts, and other similar modes of writing. Grammar, mechanics, and polished writing will be emphasized throughout the course. Writers will collaborate within their own class and with Cardinal TV.

**Creative Writing***Grade Level:* 11,12*Terms:* 1*Prerequisite:* English 10*Credit/Semester:* 1*NCAA:* No *RAI:* No

Description: This Creative Writing course offers students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the course is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft.



**Interpersonal Communication (Offered: TBD)**

Terms: 1

Credit/Semester: 1

Grade Level: 10,11,12

Prerequisite: English 10B Intro to Communication

NCAA: No RAI: No

Limit: 16 students

Description: This Communication course focuses on the application of written and oral communication skills through a variety of formal and informal experiences. The course is performance-based and emphasizes effective interpersonal and team-building skills. This Communication course will involve the study of how interpersonal communications are affected by stereotypes, nonverbal cues, vocabulary, and stylistic choices.

**Performance Literature**

Terms: 1

Credit/Semester: 1

Grade Level: 10,11,12

Prerequisite: Communication

NCAA: Yes RAI: Yes

Limit: 16 students

Description: This course is the study and presentation of prose, poetry, and dramatic literature. Students will learn how to analyze literature and apply their findings to performing the literature. Students will work both independently and in groups. Students will also study improvisation as well as performing monologues and scenes from dramatic literature.

**Public Speaking**

Terms: 1

Credit/Semester: 1

Grade Level: 11,12

Prerequisite: Communication

NCAA: Yes RAI: Yes

Limit: 16 students

Description: This course is a further study of speaking begun in Communication, with the emphasis shifting to formal speech presentation. Students will also concentrate on thought organization skills, writing skills, and speech presentation techniques. Public Speaking class will also be introduced to formal debate.

## FAMILY & CONSUMER SCIENCE EDUCATION

**Child Development (Articulated)**

Terms: 1

Credit/Semester: 1

Grade Level: 10,11,12

Prerequisite: None

NCAA: No RAI: No

Enrollment Limit: 16

Description: This course focuses on human development from birth to three years of age in the areas of cognitive, physical, social, and emotional development. These topics included pregnancy, infant care, toddlerhood, and parenting of the child. Infant simulators will be distributed for student practice.

**Child Development / Parenting**

Terms: 1

Credit/Semester: 1

Grade Level: 11,12

Prerequisite: Child Development 1 &amp; interested in

Education as a career.

NCAA: No RAI: No

Enrollment Limit: 10

**Description:** Integrated Child Development students study the physical, social, emotional, and intellectual development of children from preschool through age 12. Other areas addressed include child development principles and theory, family relationships, health and safety of children, middle childhood/school-age program management & professionalism. Students will observe children as well as implement activities/lessons with school-age children in an individual, small group, or class setting.

### **Culinary Arts I**

*Terms:* 1

*Credit/Semester:* 1

*Grade Level:* 10, 11,12

*Prerequisite:* Foods & Nutrition (pass with C or above)

*NCAA:* No

*RAI:* No

*Enrollment Limit:* 16

**Description:** Students will demonstrate food safety and sanitation procedures, justify the correct use and maintenance of food production equipment and tools, apply scaling and measuring techniques, demonstrate basic knife skills, demonstrate preparation of menu items, and demonstrate garnishing and presentation techniques. Students will explore breakfast, lunch, appetizers, dinner, and desserts. Students will apply menu management and production principles as it relates to hospitality.

### **Culinary Arts II**

*Terms:* 1

*Credit/Semester:* 1

*Grade Level:* 10,11,12

*Prerequisite:* Foods & Nutrition + Culinary Arts I (pass with C or above)

*NCAA:* No *RAI:* No

*Enrollment Limit:* 16

**Description:** Culinary Arts 2 helps build a foundation of principles and skills of baking, and then using specific applications and recipes. Students will explore culinary baking topics, baking recipe planning and preparation, preparing recipes, and the science behind baking. Students will apply the knowledge and skills of how basic ingredients function, baking/pastry vocabulary, and mixing techniques to produce baking/pastry products based on industry standards. Students will develop skills in basic bread and pastry techniques to produce breads, muffins, biscuits, pies, cakes, pastries, and specialized desserts.

### **Foods & Nutrition**

*Terms:* 1

*Credit/Semester:* 1

*Grade Level:* 9,10,11, 12

*Prerequisite:* None

*NCAA:* No

*RAI:* No

*Enrollment Limit:* 16

**Description:** This course will cover basic nutrition and application of basic principles of food selection and preparation. Basic cooking principles and cooking practices for specific foods; such as vegetables, fruits, eggs, milk, breads, pastry and protein foods will be covered. Students will develop a cooking foundation.

### **Interior Design**

*Terms:* 1

*Credit/Semester:* 1

*Grade Level:* 9,10,11,12

*Prerequisite:* None

*NCAA:* No *RAI:* No

*Enrollment Limit:* 16

Description: This course enables creativity exploration in the field of interior design. Identification of the elements and principles of design are emphasized. Other topics included are housing choices, floor plans and careers. Projects are integrated throughout the course to provide applications as students study: architecture, furniture styles and construction, surface treatments and backgrounds, design and function of space. There will be a creative stitchery or sewing project (students can make something to be used at home). Students may also redesign, reuse or refinish a piece of furniture from home or through a donation.

### **Life and Relationships**

*Grade Level: 9,10, 11, 12*

*Enrollment Limit: 16*

*Terms: 1*

*Prerequisite: None*

*Credit/Semester: 1*

*NCAA: No RAI: No*

Description: Students learn about how family's function and personal identity is formed, the course also addresses skills necessary in everyday life. Students will evaluate concepts of self-discovery, goal setting, decision-making, relationships with your family and peers, the decision to marry, problems in marriage and the decision to parent, and to make life and career choices.

## **FOREIGN LANGUAGE**

### **Spanish I**

*Grade Level: 9-12*

*Terms: 2*

*Prerequisite: None*

*Credit/Semester: 1*

*NCAA: Yes RAI: Yes*

Description: Spanish I builds a foundation for the students' learning of Spanish. The students will learn about the 21 Spanish-Speaking countries of the world. The students will learn a lot of vocabulary and basic words and phrases in the Spanish language. A large emphasis of Spanish I is placed upon subject pronouns, conjugating verbs in the present tense, gender and number, and pronunciation. The students will develop skills in Reading, Writing, Speaking, and Listening of the Spanish language. This course fulfills one year of college preparatory language requirement. A strong GPA (3.00 and above) is the best predictor for success in the study of foreign languages.

### **Spanish II**

*Level: 10- 12*

*Terms: 2*

*Prerequisite: Spanish I*

*Credit/Semester: 1 Grade*

*NCAA: Yes RAI: Yes*

Description: In Spanish II, the students will reinforce what they learned in Spanish I, and will continue to expand their vocabulary of the Spanish language and cultural understanding of Spanish-speaking countries. A large emphasis of Spanish II is to learn one of the future tenses, Direct and Indirect Object Pronouns, and commands. The students will continue to develop their Reading, Writing, Speaking, and Listening skills of the Spanish Language. This course fulfills the second year of college preparatory language requirement. A minimum "C" grade average in Spanish I is recommended for enrolling in this course.

### **Spanish III**

*Grade Level: 11,12*

*Terms: 2*

*Prerequisite: Minimum of C in Spanish II*

*Credit/Semester: 1*

*NCAA: Yes RAI: Yes*

Description: In Spanish III, the students will reinforce what they learned in Spanish I and Spanish II, and will continue to expand their vocabulary of the Spanish language, and their cultural understanding of Spanish-speaking countries. A large emphasis of Spanish III is to continue to develop using Direct and Indirect Object Pronouns, to develop using different commands, to learn Reflexive verbs and one of the past tenses of the Spanish language. The students will continue to develop their Reading, Writing, Speaking, and Listening skills in the Spanish language.

#### **Spanish IV**

*Terms:* 2

*Credit/Semester:* 1

*Grade Level:* 12

*Prerequisite:* Minimum of C in Spanish III

*NCAA:* Yes *RAI:* Yes

Description: In Spanish IV, the students will reinforce what they learned in Spanish I, Spanish II, and Spanish III. They will continue to expand their vocabulary of the Spanish language, and their cultural understanding of Spanish-speaking countries. A large emphasis of Spanish IV is placed on continuing to develop using pronouns and reflexive verbs. They will also learn the imperfect tense, the progressive tense, the subjunctive tense, and the future tense. The students will continue to develop their Reading, Writing, Speaking, and Listening skills in the Spanish language.

### **GUIDANCE & LEADERSHIP**

#### **ACT Prep and Pre-College Readiness**

*Terms:* 1

*Credit/Semester:* 1

*Grade Level:* 11, 12

*Prerequisite:* None

*NCAA:* No *RAI:* No

Description. This course is for students who intend on going to college and want help preparing for success on the ACT. This Standardized Test Preparation course helps prepare students for national standardized tests such as the PSAT, SAT, and ACT. In particular, this course assists students in developing and/or expanding their vocabulary, test-taking, and reasoning skills through study, lecture, and practice drills. Course topics may include vocabulary review; root words, prefixes, and suffixes; mathematical concepts, logic, and rules; and general problem-solving and test-taking strategies. In addition to ACT test preparation, this course will provide students an opportunity to become familiar with the language and processes associated with obtaining a postsecondary education diploma or credential by: Assisting students to understand how to plan for postsecondary education while in high school; connecting personal interests and values to college majors and careers; encouraging students to develop a values-driven, decision-making process; and, providing insight on how to pay for college.

#### **Iowa Career & Academic Plan (ICAP)**

*Terms:* Embedded

*Grade Level:* 9, 10, 11, 12

Description. This class allows students to create an electronic portfolio designed to fulfill state requirements. To meet these requirements, students will complete assessments and surveys, career research, course plan building, education linkages, and financial aid and career development activities that assist students in their future. These activities are developmentally appropriate for the grade level of the students. Students can revise

their career and educational plans as they mature and learn more about themselves and their interests and abilities. New components of ICAP Plan will be introduced each year and existing entries will be reviewed and revised annually as part of units taught through: English 9, Communications / English 10, American History & American Government

## HEALTH

### **Health I (Required)**

*Grade Level:* 9,10,11,12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Description: Units in this course include Making Healthy Decisions, Food and Nutrition, Making Healthy Food Choices, Exercise and Lifelong Fitness, Alcohol, Tobacco, Preventing Drug Abuse, Reproduction and Heredity, Adolescence and Adulthood, Sexually Transmitted Infections and AIDS. This course meets the Health requirement for graduation and aligns with National Health Standards.

### **Health II**

*Grade Level:* 10, 11,12

*Terms:* 1

*Prerequisite:* Health I

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Description: Units covered in this course include Mental and Emotional Health, Self-Esteem, Managing Stress, Coping with Loss, Preventing Suicide, Methods of Relaxation, Defense Mechanisms, Chronic Diseases and Disabilities, and Careers in Health.

## INDUSTRIAL TECHNOLOGY EDUCATION

### **Small Engines**

*Grade Level:* 10,11,12

*Enrollment Limit.* 12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

### **Auto Mechanics**

*Grade Level:* 10,11,12

*Enrollment Limit.* 12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Description: This class will cover the automobile systems from bumper to bumper. It is designed to give an overview of the car for consumer awareness, for home handyman care, and as a foundation to a career as an

auto mechanic. Units covered will be Engine and Drive-train systems, Brakes, Steering, Fuel Systems, Electrical Systems, Lubrication and Cooling Systems, Tires and Suspension, Buying Used Cars, and Auto Body Work. Recommend having access to a personal vehicle to enhance the lab experience.

### **Building Trades**

*Grade Level:* 11,12

*NCAA:* No *RAI:* No

*Terms:* 1

*Prerequisite:* Construction Trades I & II

*Enrollment Limit:* 12

*Credit/Semester:* 1

Description: This Comprehensive course provides students with basic knowledge and skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and training requirements) regarding construction-related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance.

### **Carpentry**

*Grade Level:* 11,12

*No RAI:* No

*Terms:* 1

*Prerequisite:* Home Improvement or Construction Trades I *NCAA:*

*Enrollment Limit:* 12

*Credit/Semester:* 1

Description: Carpentry courses provide information related to the building of wooden structures, enabling students to gain an understanding of wood grades and construction methods and to learn skills such as laying sills and joists; erecting sills and rafters; applying sheathing, siding, and shingles; setting door jambs; and hanging doors. Carpentry courses may teach skills for rough construction, finish work, or both. Students learn to read blueprints, draft, use tools and machines properly and safely, erect buildings from construction lumber, perform finish work inside of buildings, and do limited cabinet work. Carpentry courses may also include career exploration, good work habits, and employability skills.

### **Construction Trades I (Home Improvement)**

*Grade Level:* 9,10,11,12

*Enrollment Limit:* 12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Description: This course exposes students to the opportunities available in the architecture and construction industry, including occupations such as carpenter, electrician, plumber, heating/air conditioning technician, safety supervisor, architect, engineer, and other occupations. Students learn about the processes involved in construction projects and may engage in a variety of small projects. These courses emphasize responsibilities, qualifications, work environment, rewards, and career paths within construction-related fields.

### **Construction Trades II**

*Grade Level:* 10,11,12

*NCAA:* No *RAI:* No

*Terms:* 1

*Prerequisite:* Home Improvement or Construction Trades I

*Enrollment Limit:* 12

*Credit/Semester:* 1

Description: This Comprehensive course provides students with basic knowledge and skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and training requirements) regarding construction-related

occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance.

### **Exploratory Technology**

*Grade Level:* 9,10,11,12

*Enrollment Limit:* 12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Description: Students will explore all areas of industrial education. These areas may include but are not limited to woodworking, basic drafting, vehicle maintenance, small engine and power equipment repair and maintenance, and everyday skills needed for living on your own. Students will need to purchase materials for this class.

### **Innovation and the Workforce**

*Terms:* 1

*Grade Level:* 11,12

*Enrollment Limit:* TBD

*Credit/Semester:* 1

*Prerequisite:* None

*NCAA:* No *RAI:* No

Students will explore supply chain, advanced manufacturing, problem solving and the iterative process while building an innovative mindset. Students' workforce skills will grow through authentic experiences in local industries, guest instructors from business and industry, job shadows, tours, hands-on experiences, Kaizens (activities of continuous improvement of all functions and processes from CEO to assembly line, purchasing, logistics, etc.), Lean Management, and other learning experiences.

## **MATHEMATICS**

### **Algebra I**

*Grade Level:* 9,10,11,12

*Terms:* 2

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* Yes *RAI:* Yes

Description: This course is for those who need algebra to pursue a high school diploma, a technical post high school program, or college. Units include properties of real numbers; solving linear equations and inequalities; graphing linear equations and inequalities; exponents and exponential functions; polynomials and factoring. Algebra I is a prerequisite for geometry and other advanced math.

### **Geometry**

*Grade Level:* 9,10,11,12

*Terms:* 2

*Prerequisite:* Algebra I

*Credit/Semester:* 1

*NCAA:* Yes *RAI:* Yes

Description: Modern geometry helps the student understand the basic structure of mathematics, grow in understanding of the deductive method and in appreciation of the need for precision of language. This course



gives knowledge of the methods of coordinate geometry and of the way in which algebra and geometry complement each other.

### **Algebra II**

*Grade Level:* 9,10,11,12

*Terms:* 2

*Prerequisite:* Algebra I, Geo.

*Credit/Semester:* 1

*NCAA:* Yes *RAI:* Yes

Description: This course is an essential class for any student wishing to pursue a post-secondary education. The first half of the class will be geometry concepts, along with concepts introduced in Algebra I: quadratics, higher order polynomials, exponential & logarithmic functions. In the second half of the class, more advanced concepts include probability, statistics, sequences, series, and an introduction to trigonometry. This class is recommended for any student planning on attending any college or university.

### **Pre-Calculus**

*Grade Level:* 10, 11,12

*Terms:* 2

*Prerequisite:* Algebra II

*Credit/Semester:* 1

*NCAA:* Yes *RAI:* Yes

Description: The first trimester of this course will be spent studying different areas of precalculus. These areas include exponential and logarithmic, conic sections, sequences and series, probability and statistics. The second trimester will study trigonometry: right triangles, Law of Sines, Law of Cosines, graphing sinusoids, solving trigonometric equations, simplifying and verifying trigonometric equations, and studying the sum, difference, double, and half angle formulas. This class is suggested for anyone whose college major is going to require math or science classes.

### **Practical Math**

*Grade Level:* 10, 11,12

*Terms:* 2

*Prerequisite:* Algebra

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Description: This course will cover topics such as basic operations with whole numbers, fractions, mixed numbers, decimals, and percent; systems of measurement; signed numbers; exponents and square roots; and basic algebra. Relevant topics will include jobs, checking and savings accounts, credit, taxes, buying a car and house, investments, and probability.

### **Probability and Statistics**

*Grade Level:* 10, 11,12

*Terms:* 2

*Prerequisite:* Algebra I, Geo.

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Description: Probability and Statistics courses introduce the study of likely events and the analysis, interpretation, and presentation of quantitative data. Course topics generally include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs). Course topics may also include normal distribution and measures of variability.

### **AP Calculus**

*Grade Level:* 11, 12

*Terms:* 2

*Prerequisite:* Pre-Calc.

*Credit/Semester:* 1

*NCAA:* Yes *RAI:* Yes



Description: The primary purpose of this course is to prepare students for success on the AP Calculus AB Exam. Students may then choose either to bypass Calculus I in college or to use their knowledge from this course to help them succeed in Calculus I in college. In this course the students will study limits, derivatives, applications of derivatives, and integrals. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena.

## MUSIC

<b>Band</b>	<i>Terms: 2</i>	<i>Credit/Semester: 1</i>
<i>Grade Level: 9,10,11,12</i>		<i>NCAA: No    RAI: No</i>
<i>Prerequisite: Must have been in Middle School Band or Audition for Instructor</i>		

Description: Performing ensembles within the band are Marching Band, Pep Band & Concert Band. Performance opportunities include football half-time shows, marching band festivals, pep rallies & games, home concerts, and state music festivals. A student signing up for band must remain in band for the entire school year. Additional performance opportunities are All-State Band, District Honor Band, State Solo/Small Ensemble, and Jazz Band. Jazz Band meets before school starting after the marching season and is selected on an audition basis.

<b>Jazz Band</b>	<i>Terms: 1</i>	<i>Credit/Semester: 1</i>
<i>Grade Level: 9,10,11,12</i>	<i>Prerequisite: Audition only</i>	<i>NCAA: No    RAI: No</i>

Description: This course helps students perform a variety of contemporary styles, such as traditional jazz, jazz improvisation, and rock. At the same time, these courses cultivate students' technique on instruments appropriate to the style(s) performed—brass, woodwind, string, percussion instruments, and/or electronic. These ensembles emphasize instrumental music but may also include vocal music. Advanced coursework provides students with opportunities for growth through rehearsal and performance, improvisation, or creating and performing their own compositions.

<b>Flags (Non-Band Members Only)</b>	<i>Terms: 1</i>	<i>Credit/Semester: 1</i>
<i>Grade Level: 10,11,12</i>	<i>Prerequisite: Audition only</i>	<i>NCAA: No    RAI: No</i>

Description: The Flag Corps is an auxiliary rank of the marching band. This group is not exclusively chosen from band students but open to any student. If selected, the student must list "Band" on the first term column of the sign-up sheet. Members of the Flag Corps perform with the marching band at football half-time shows and marching band festivals. Students then participate in band for the remainder of first semester.

<b>Choir</b>	<i>Terms: 2</i>	<i>Credit/Semester: 1</i>
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*Grade Level:* 9, 10, 11, 12

*Prerequisite:* None

NCAA: No      RAI: No

Description: Mixed Choir is open to any high school student who enjoys singing and wishes to expand knowledge of choral music. A variety of music is sung, choral techniques are developed, and sight-singing skills are fine-tuned. No audition is necessary for the ensemble. Concerts are performed throughout the school year. Additional performance opportunities include All-State Choir, Opus Honor Choir (9th), Honor Choirs, Solo/Ensemble Contest, National Anthem performances and Large Group Contest.

### **Advanced Music I-Theory**

*Grade Level:* 10,11,12

*Terms:* 1

*Credit/Semester:* 1

*Prerequisite:* Enrollment in choir or band

NCAA: No      RAI: No

Description: This course is designed to give music students an in-depth study in music theory. Instruction will be split between intensive performance study and class work in music theory. The class work portion will include written theory, voice training, and ear training.

### **Advanced Music II- History**

*Grade Level:* 10,11,12

*Terms:* 1

*Credit/Semester:* 1

*Prerequisite:* Enrollment in choir or band

NCAA: No      RAI: No

Description: This course is designed to give music students an in-depth study in music history. Students are encouraged to take Advanced Studies of Music I prior to the enrollment of this course. Instruction will be split between intensive class work portions and will include independent reading, ear training and music history.

### **Advanced Topics in Music**

*Grade Level:* 11,12

*Terms:* 1

*Credit/Semester:* 1

*Prerequisite:* Enrollment in choir or band, Teacher Rec.

NCAA: No      RAI: No

Description: Advanced topics in music is a course that is intended for students who plan to pursue an undergraduate degree in music and/or for students who plan to participate in music in college. This course will be tailored to each student's needs and may cover topics such as advanced music theory/history, music composition, careers in music, audition preparation, etc.

### **Modern Music Studies**

*Grade Level:* 10,11,12

*Terms:* 1

*Credit/Semester:* 1

*Prerequisite:* None

NCAA: No      RAI: No

Description: This course provides students with an opportunity to learn and apply skills in modern music making, compositional techniques, career paths, history, and other related topics.

## PHYSICAL EDUCATION

### **Advanced Fitness P.E.** Grade Level: 9, 10,11,12

Terms: Every  
Enrollment Limit: 30

Credit/Semester: .5  
NCAA: No    RAI: No

Description: The advanced P.E. class is geared towards incorporating a more in depth understanding of personal fitness. Several aspects of fitness will be covered with an emphasis on weight training and cardiovascular endurance. Plyometric activities will also be covered during the class. Students will set goals and have personal fitness prescriptions to follow for the duration of the class.

### **Physical Education** Grade Level: 9, 10,11,12

Terms: Every

Credit/Semester: .5  
NCAA: No    RAI: No

Description: The focus will be primarily on team and individual sport/activities. The following is a list of activities that may be covered throughout the year: team sports, individual/dual sports, recreational sports, fitness/conditioning activities and lifetime activities.

### **Weights and Conditioning** Grade Level: 9,10,11,12

Terms: Every  
Enrollment: Teacher/Coach Discretion

Credit/Semester: 1

Description: This class is geared toward the development of athletes. Several different aspects of athletic success will be covered and used to achieve the goal. Strength, speed, explosiveness, and injury prevention are the main goals this class will reach. Students that have goals of succeeding athletically, will be pushed and developed to do so. These are physically demanding classes that will push students abilities and should not be entered without careful consideration. It is recommended that students have a conversation with the instructor before enrolling.

### **Modified Fitness** Grade Level: 9,10,11,12

Terms: Every  
Prerequisite: Doctor Rec.

Credit/Semester: .5  
NCAA: No    RAI: No

Description: This independent study course is conducted with the physical education instructor and physical trainers as mentors. This course enables students to explore topics of interest related to physical education to increase fitness. This independent study courses may serve as an opportunity for students to participate in modified physical education while under medical treatment.

### **Team Sports PE Exemption** Grade Level: 9,10,11,12

Terms: 1 sem. per year  
Prerequisite: Team Involvement

Credit/Semester: .5  
NCAA: No    RAI: No

Department of Education Ruling: If a student is participating in an “organized and supervised athletic program which requires at least as much participation per week as one-eighth unit of physical education” at some time during one semester, quarter, or trimester in a school year, the student’s principal may excuse the student from physical education for one quarter, semester, or trimester per year, after consultation with the student’s guidance counselor

Description: Team Sports provides students with the knowledge, experience, and opportunity to develop skills in more than one team sport (such as volleyball, basketball, marching band, cheerleading and so on). Students must be enrolled in the school sponsored sport/activity in the term in which the student enrolls.

## Physical Education Exemptions

*Terms:* Every

*Credit/Semester:* 0

*Grade Level:* 9,10,11,12

*Prerequisite:* Doctor Rec.

*NCAA:* No *RAI:* No

Department of Education Ruling:

- **Mandatory**
  - Medical Exemption. If a parent files a statement signed by a physician or other competent health care provider (e.g., within the scope of the provider's licensure and authorized practice) that a student is not "physically able" to participate in physical education, then the student is exempt from physical education.
  - Conflict with Religious Belief. If a parent of a student files a written statement with the school principal that a physical education course conflicts with the "pupil's religious belief," the student shall be exempt from participation in the physical education course.
- **Discretionary Excusals Available to Students in Twelfth Grade**
  - A high school's principal has the discretion to grant excusals from physical education to students in the twelfth grade in three instances, if requested by a parent or guardian in writing. These excusals need not be available on demand, and a school may set reasonable conditions on receiving one of these excusals. The principal must be rational and evenhanded in granting or denying requested excusals. The principal must carefully balance all factors when determining whether to grant these excusals.
  - A principal may not grant any of these excusals until the principal has received a written request from a student's parent or guardian. These excusals are to be considered on a student-by-student basis.
- **Off-Campus Educational Program.**
  - If a twelfth-grade student is enrolled in a "work-based learning program or other educational program authorized by the school" requiring the student's absence from school premises during the school day, the principal may excuse the student from the physical education requirement.
- **Academic Course Not Otherwise Available.**
  - If a twelfth-grade student seeks to enroll in "academic courses not otherwise available to the student," the student's parent may request excusal from physical education, in writing.

## SCIENCE

### Physical Science (Required)

*Terms:* 2

*Credit/Semester:* 1

*Grade Level:* 9

*Prerequisite:* None *NCAA:* Yes *RAI:* Yes

Description: This course focuses on investigations in chemistry and physics. It is designed to give students basic knowledge in these two science disciplines and apply knowledge through the use of technology.

### Biology (Required)

*Terms:* 2

*Credit/Semester:* 1

*Grade Level:* 10,11,12

*Prerequisite:* None *NCAA:* Yes *RAI:* Yes

Description: Biology is the study of living things. Focus in the course will include, but not limited to Ecosystems, Population Dynamics, Cell Structure/Function, Cell Growth and Division,

Photosynthesis, Cellular Respiration, Mendelian Genetics, DNA and Genetic Engineering. Models, projects, labs and student presentations will be infused.

### **Earth and Space Science**

*Terms:* 1

*Credit/Semester:*1

*Grade level:* 9, 10, 11,12

*Prerequisite:* None *NCAA:* Yes *RAI:* Yes

Description: This course investigates how human needs are met by our biosphere and our interactions with it. Units include mineral compositions & formations, energy resources, plate tectonics, the geologic time, the solar system and beyond our solar system.

### **Anatomy and Physiology w/ Lab**

*Terms:* 1 or 2

*Credit/Semester:*1

*Grade Level:* 11,12

*NCAA:* Yes *RAI:* Yes

Description: This course consists of the study of function and structure of cells, tissues and body systems. Primary units include the anatomic names of human body parts, the support systems (skeletal, muscular and integumentary), the regulating functions (nervous and senses), the transportation and nourishing functions (cardiovascular and digestive), the reproductive system (male and female), and how the human body obtains oxygen and maintains body fluids (respiratory and urinary). This course is targeted for students planning to pursue a career in nursing or other medical professions.

### **Chemistry**

*Terms:* 2

*Credit/Semester:* 1

*Grade Level:* 10, 11,12

*Prerequisite:* Alg I *NCAA:* Yes *RAI:* Yes

Chemistry is about the properties of elements and chemical reactions. The class will cover problem solving, measurement, chemical formulas and equations, the mole concept, the Periodic Table, atomic structure and basic chemical reactions. You will design experiments and analyze data. You will summarize and show your work so others can follow your thinking. If you are planning to go to a four-year college OR into health fields or science, this class is for you.

### **Physics**

*Terms:* 2

*Credit/Semester:* 1

*Grade Level:* 11,12

*Prerequisite:* Alg II/Teach Rec *NCAA:* Yes *RAI:* Yes

Description: This course is an Algebra-based overview of all parts of physics, including motion, energy, light, electricity, magnetism, waves, materials, nuclear physics and astronomy. It counts as a science elective. Instead, we will use online readings, handouts, and activities for our learning.

### **Launching into Aerospace**

*Terms:* 1

*Credit/Semester:* 1

*Grade Level:* 9, 10, 11, 12

*Prerequisite:* None *NCAA:* No *RAI:* No

Description: This course will provide the foundation for advanced exploration in the areas of flying, aerospace engineering, and unmanned aircraft systems. Students will learn about engineering practices, problem-solving, and the innovations and technological developments that have made today's aviation and aerospace industries possible. Students will look at the problem-solving practices and innovative leaps that transformed space exploration from the unimaginable to the common in a single generation. Students will also gain historical perspective, starting from the earliest flying machines and leading to the wide variety of modern aircraft and the integral role they play in making today's world work.

**Exploring Aviation and Aerospace***Terms: 1**Credit/Semester: 1**Grade Level: 9, 10, 11, 12**Prerequisite: None NCAA: No RAI: No*

Description: This course is designed to give students a clear understanding of career opportunities in aviation and aerospace and the critical issues affecting the aviation system. Students will also begin to drill down into the various sectors of aviation and the elements that make up the aviation and aerospace ecosystem. They will discover how advances in aviation created a need for regulation and will learn about the promulgation of civil aviation oversight.

Students will explore modern innovations and develop their own innovative ideas to address real-world challenges facing the aviation industry. They will be exposed to a variety of career options in aviation and aerospace and take an in-depth look at the opportunities available. This course will build upon the necessary foundations for flying, aerospace engineering, and unmanned aircraft systems.

**Forensic Science***Term: 1**Credit/Semester: 1**Grade Level: 10, 11, 12**Prerequisite: None NCAA: No RAI: No*

Description: This course focuses on the skills and concepts behind the aspects of forensic science. This course covers the history of forensic science and the strategies used in a crime scene. Labs are used to further student engagement, knowledge, and the processes that are used by a forensic scientist.

**Wildlife Biology***Term: 1**Credit/Semester: 1**Grade Level: 10, 11, 12**Prerequisite: None NCAA: No RAI: No*

Description: This course studies the life history of vertebrates, invertebrates, plants and trees native to the Midwest. Flora and fauna endemic to Iowa will be a primary focus. Students will learn about the unique biodiversity found in Iowa's prairie and temperate deciduous forest systems. This course also explores global environmental, biological, and ecological issues.

**Basic Anatomy***Terms: 1**Credit/Semester: 1**Grade Level: 10, 11, 12**Prerequisite: Biology**NCAA: Yes RAI: Yes*

Description: This course consists of the study of the structure of the primary body systems. Units will include the anatomic names of human body parts of the skeletal, muscular, nervous, cardiovascular and digestive systems, as well as studying the integumentary system and the senses.

**Ecology***Terms: 1**Credit/Semester: 1**Grade Level: 10, 11, 12**Prerequisite: None NCAA: Yes RAI: Yes*

Description: This course looks at environmental science and ecological topics ranging from biodiversity, environmental problems, sustainability, climate change, and agriculture. Students will study strategies in environmental management and conservation.

## SOCIAL STUDIES

### **World History (Required)**

*Grade Level:* 9

*Terms:* 2

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* Yes    *RAI:* Yes

Description: This course will provide an overview of the history of human society from the southern Renaissance in Europe to the contemporary period. It will examine political, economic, social, religious, military, scientific, and cultural developments—including an overview of world geography in order to explore geographical concepts and the importance of geography. Students will explore the events, concepts, and relationships that began thousands of years ago that continue to have impact on contemporary life today.

### **American History (Required)**

*Grade Level:* 10, 11, 12

*Terms:* 2

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* Yes    *RAI:* Yes

Description: This course is the study of American history starting at the end of the American Civil War in 1865 with Reconstruction through the Cold War. The goal of this class is to explore the impact of history in social, political and economic changes that influenced the development of the United States today. Students will be encouraged to build on their knowledge of American history, make connections to other eras, and use critical thinking skills while examining different issues in the United States. Major time periods studied are Reconstruction, the Progressive Era, World War I, the 1920s, the Great Depression, World War II into the Vietnam Era.

### **American Government (Required)**

*Grade Level:* 12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* Yes    *RAI:* Yes

Description: American Government will engage the student in an examination of the principles of the American Constitution and evolution of American political thought. The structure and activities of government are also surveyed to help students become more aware of government in action. Students are challenged to develop their awareness of citizenship and participation in political activity.

### **Current Issues/American History**

*Grade Level:* 11,12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* Yes    *RAI:* Yes

Description: This is a continuation of American History B combined with a look at current issues the United States faces today. Students will study places, people and events that impacted the history of the United States following WWII. Students will examine social, political and economic influences of the United States from



both a historical and modern perspective. Sources outside class such as the internet, print and television will be used to relate today to the past.

**Economics**

*Grade Level:* 11,12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* Yes *RAI:* Yes

Description: This course focuses on developing the student's notion of the forces that influence the production, distribution, exchange and consumption of goods and services. The basic principles and practices of economics are emphasized to enhance the student's comprehension of the free enterprise capitalistic economy of the United States. This course is suggested as being of value for students that plan to study business or economics in college.

**Geography**

*Grade Level:* 9,10,11,12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* Yes *RAI:* Yes

Description: This course covers the physical and human geography of countries. The study and application of the five themes of geography (location, region, place, human-environment interaction, and movement) will be used as students explore different parts of the world. Political, social, physical and economic relationships of different countries will be researched and compared to other places around the world.

**Human Behavior**

*Grade Level:* 10,11,12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* Yes *RAI:* Yes

Description: This course covers the basic concepts of human behavior, including the development of personality, emotions, motivation, and perception. Students learn about the many influences that may affect human behavior. Students will examine results of important research and major theoretical concepts, and the students will learn about some of the people who have made significant contributions to the field of psychology. Within this course, students will be able to speak, write, and simply observe their own behavior and the behaviors of others around them in a more meaningful way.

**Sociology**

*Grade Level:* 10,11,12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* Yes *RAI:* Yes

Description: The study of sociology provides students with the basic tools they need to develop a sociological imagination. The focus is on the individual, group, and society and the social processes that create them. The sociological imagination is the ability to see the connection between the larger world and our personal lives. The development of a sociological imagination enables the students to examine how society shapes human actions and beliefs, and how such actions and beliefs in turn shape society. The course will also focus on the formal organizations and social institutions of society.

**Psychology**

*Terms:* 1

*Credit/Semester:* 1



*Grade Level:* 10,11,12

*Prerequisite:* None

*NCAA:* Yes *RAI:* Yes

### **Street Law**

*Grade Level:* 10,11,12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Description: Street Law teaches students the workings of the US criminal and civil justice systems, including understanding of civil and criminal law, the legal process, the structure and procedures of courts, and the role of various legal or judicial agencies. It will also cover the history and foundation of US law (the Constitution, statutes, and precedents), including contemporary problems in criminal justice systems.

### **Foundations of Diversity, Equity, and Inclusion**

*Grade Level:* 10,11,12

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Description: Foundations of Diversity introduces students to key concepts of identity, bias, power, privilege and oppression. This course establishes the importance of ally behavior, self-care, and creating inclusive spaces. This class will prepare students to succeed in a diverse global society while promoting equity, equality, and inclusion.

## **VISUAL ART**

### **Introduction to Art I**

*Grade Level:* 9,10,11,12

*Enrollment Limit:* 20

*Terms:* 1

*Prerequisite:* None

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Description: This is an introductory course in the visual arts that has been designed for students of all artistic ability levels who enjoy drawing and learning about art. In this course, students will learn about communicating through images and designs, about creative problem solving in art and developing better drawing and shading techniques. Students will be introduced to different mediums such as pencil, colored pencil, ink & watercolor.

### **Introduction to Art II**

*Grade Level:* 9,10,11,12

*Enrollment Limit:* 15

*Terms:* 1

*Prerequisite:* Art I

*Credit/Semester:* 1

*NCAA:* No *RAI:* No

Description: This is an introductory course in visual arts that has been designed for students of all artistic ability levels who enjoy printmaking and working with clay. Students will learn about communicating through images and designs. The student will also deal with creative problem-solving techniques and ideas. Students will be introduced to different mediums such as: ink and clay.

**Art Portfolio***Terms:* 1 or 2*Credit/Semester:* 1*Grade Level:* 12*NCAA:* No *RAI:* No

*Prerequisite:* Completion of all art courses, cumulative art subject GPA of 3.33 or above, and teacher permission.

Description: This course is designed for students who are motivated to pursue their own art interests. During each term, students will have designated drawing times for drawing skill development, service projects which benefit the art program and the school, and the opportunity to follow their own studio interests. Each student will be expected to buy his/her own supplies if the school does not have desired materials on hand.

**Ceramics***Terms:* 1*Credit/Semester:* 1*Grade Level:* 10,11,12*Prerequisite:* Intro to Art II *NCAA:* No *RAI:* No*Enrollment Limit:* 15

Description: Ceramics/Pottery courses provide students with a foundation in the history of ceramics, with an emphasis on critique, aesthetic inquiry, and creative production. These courses provide knowledge of ceramic techniques (e.g., kiln firing and glazing) and processes, with a focus on creative design and craftsmanship. Courses may include clay modeling, hand building, coil building, casting, and throwing on the potter's wheel.

**Digital Art***Terms:* 1 or 2*Credit/Semester:* 1*Grade Level:* 9, 10,11,12*NCAA:* No *RAI:* No*Enrollment Limit:* 12

Description: This is an introduction to digital mediums. Students should have a good general understanding of the elements of art, computer technology and photography. Students will explore digital drawing/ painting from photographs via student Ipads. Students will learn layer masking and blending in Adobe Photoshop to complete photo manipulation and compositing. Due to the limited computers with Adobe Photoshop on them students may need to work outside of class hours to complete assignments.

**Drawing***Terms:* 1*Credit/Semester:* 1*Grade Level:* 9,10,11,12*Prerequisite:* None*NCAA:* No *RAI:* No*Enrollment Limit:* 20

Description: In Drawing, students will learn and refine basic drawing techniques such as shading, creating the illusion of depth, etc. During the term, there will be an emphasis on drawing the human figure, animals, landscapes and various still lives. Students will concentrate on improving their drawing and shading techniques along with learning the value of color through the use of color pencils and oil pastels.

**Painting***Terms:* 1*Credit/Semester:* 1*Grade Level:* 10,11,12*Prerequisite:* Intro to Art I *NCAA:* No *RAI:* No*Enrollment Limit:* 15

Description: This course is designed to explore the world of painting in greater depth. Students will refine their sketching techniques and work with tempera paint, acrylic and watercolors.

**Photography - Digital**  
*Grade Level:* 9,10,11,12  
*Enrollment Limit:* 12

*Terms:* 1  
*Prerequisite:* None

*Credit/Semester:* 1  
*NCAA:* No *RAI:* No

Description: This is an introduction to digital photography. A manual DSLR camera will be needed to complete the course work. Depending on course enrollment there will be a few DSLR cameras that can be checked out. Students will learn basic camera manipulation for creative expression. Students will use Adobe Photoshop techniques to increase their creative expression. Due to the limited computers with photoshop on them and the number of DSLR camera students, students may need to work outside of class hours to complete assignments.

**Photography - Film**  
*Grade Level:* 9,10,11,12  
*Enrollment Limit:* 12

*Terms:* 1  
*Prerequisite:* None

*Credit/Semester:* 1  
*NCAA:* No *RAI:* No

Description: This is an introduction to analog black and white film photography. Students will learn basic camera manipulation for creative expression. Students will process film and enlarge photos via darkroom using chemicals. Having your own 35mm SLR camera is beneficial but not required. Students will need to be willing to cover the cost of their own film and be willing to photograph outside of class hours.

**Yearbook**  
*Grade Level:* 9, 10,11,12  
*Enrollment Limit:* 12

*Terms:* 1 or 2

*Credit/Semester:* 1  
*NCAA:* No *RAI:* No

Description: This course is designed to allow students to create, design, and manufacture the school's annual yearbook. Students will be taking photos, writing articles, reaching out to business for advertising, and working with a company to create the annual.

## ADVANCED PLACEMENT

### Advanced Placement Course Offered at Clarinda

**AP Calculus**  
*Grade Level:* 11, 12

*Terms:* 2  
*Prerequisite:* Pre-Calc.

*Credit/Semester:* 1  
*NCAA:* Yes *RAI:* Yes

Description: The primary purpose of this course is to prepare students for success on the AP Calculus AB Exam. Students may then choose either to bypass Calculus I in college or to use their knowledge from this course to help them succeed in Calculus I in college. The students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Instead of simply getting the right answer,

students learn to evaluate the soundness of proposed solutions and to apply mathematical reasoning to real-world models. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena.

## COLLEGE CLASSES WHILE IN HIGH SCHOOL

### Senior Year Plus Ruling

Enacted by the legislature in 2008, Revised in 2014, Senior Year Plus was created to provide increased and more equal access to college credit and advancement placement courses. Courses delivered through Senior Year Plus provide students the opportunity to take a rigorous college curriculum and receive, in many cases, both high school and college credit concurrently.

**If a student drops after the official date stated by the high school (CCSD aligns with IWCC official drop dates), the student will be assigned a grade of “F” for that course and appear on the high school transcript as such. The grade may not be reflected on the college transcript, however. All courses taken through Senior Year Plus at school expense or as part of a student's minimum course load will be added to the student's high school transcript and grades earned will be used when calculating high school GPA and class rank.**

Any parent or student desiring more information or application forms about Senior Year Plus should contact the counselor or principal. Rules written by the Department of Education for guidance on November 11, 2009 and issued to community colleges, superintendents and via the Department of Education website. [www.iowa.gov/educate](http://www.iowa.gov/educate).

#### **Important Points**

Student eligibility: Must meet criteria of institution including test scores and course prerequisites. In order to participate in the program, a student must have demonstrated proficiency in reading, math & science as evidenced by achievement scores on The Iowa Statewide Assessment of Student Progress (ISASP).

Students may not be enrolled full time in any one institution for SYP programming. Full time is defined as 24 or more credits in one academic year, not including summer term.

SYP courses cannot be used to supplant high school courses (see page 25 Accreditation Standards). CTE concurrent enrollment courses can be used as part of the offer & teach sequence, but if so, they are not eligible for supplemental weighting.

**\*Note to students and parents: Remember when registering for an IWCC course in any of these program options, the student is taking a college course. This means he/she might be beginning or adding to a college transcript. Low or failing grades could affect future financial aid eligibility, athletic eligibility, G.P.A., and/or class rank.**

## **Iowa Western Community College – Clarinda Center College Early Start Schedule**

### **IWCC – Course Descriptions:**

All course descriptions available at <https://catalog.iwcc.edu/content.php?catoid=3&navoid=91>  
Iowa Western Community College – Clarinda Center: Schedule posted and shared mid April.

Students who qualify for Senior Year Plus (Proficient ISASPS scores, ACT score of 21 or higher, or Identified as T.A.G.) will register with the School Counselor for IWCC classes each semester. Information regarding when registration opens and closes will be shared through email, google classroom and via announcements.

### **IOWA REGENT SCHOOL ADMISSION CRITERIA –**

#### **University of Iowa, Iowa State & University of Northern Iowa**

Iowa high school graduates must achieve a Regent Admission Index (RAI) score of at least 245 and take the minimum number of [\*\*required high school courses\*\*](#) to qualify for automatic admission as freshmen to Iowa State University, the University of Northern Iowa, and the College of Liberal Arts and Sciences at the University of Iowa. The [\*\*RAI Core Course Lists\*\*](#) provide each Iowa high school with a list of their respective courses that are accepted for the RAI. Students who achieve a score less than 245 will be considered for admission on an individual basis.

The RAI combines factors that strongly predict success at the Regent Universities: ACT or SAT test score, high school rank, high school cumulative grade-point average, and the number of completed high school core courses.

There are two RAI formulas for computing students' RAI scores, the Primary RAI formula (for students [\*\*whose high school provides class rank\*\*](#)) and the Alternative RAI formula (for students [\*\*whose high school does not provide class rank\*\*](#)). Below is a detailed description of each formula:

## Primary RAI Formula

(for students whose high school provides class rank)

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(3 x **ACT composite score**)

+ (30 x **Cumulative GPA**)

+ (5 x Number of years of **RAI-approved high school courses** completed in the **core subject areas**)

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**= RAI score**

[Click here to calculate your unofficial RAI score:](#)