

JESUP COMMUNITY
SCHOOL



2026-2027
HIGH SCHOOL
REGISTRATION
HANDBOOK

JESUP J-HAWKS

IN GENERAL

Jesup High School operates on an 8-period-per-day schedule. Students may choose to take classes in all eight periods, or may take one study hall per day with 7 classes. In regard to course scheduling, the administration must balance a variety of concerns. Every attempt is made to schedule each student for the courses he or she has requested. The administration reserves the right to cancel a course if less than 6 students register for it or to limit the size of certain courses. All courses are available to all students as long as the prerequisites have been met and it fits into the student's schedule. If a student is unable to get into all of their requested classes, they will need to visit the school counselor to decide on alternate courses.

- All students are required to enroll in a minimum of seven (7) classes each semester. Students who return to Jesup for a 5th year or beyond may request to be in attendance for only those classes needed to complete their graduation requirements. Students may not have more than one study hall per day.
- If a student receives a "C" grade or lower and desires to repeat a course, they can do so with administrative approval. This course must be repeated at Jesup High School. Both grades will show on the student's transcript. Duplicate credit will not be awarded for the same course.
- Students will be allowed 3 days at the beginning of each semester to change classes. After the 3rd day classes are finalized. Any drops after this point must be approved by the administration and will result in an "F" grade for that class.
- Courses taken outside the Jesup High School curriculum, such as Hawkeye Community College transfer credits and Waterloo Career Center courses, must have prior approval by the counselor and principal and be registered for appropriately.
- Students transferring to Jesup High School will enter at the level they successfully completed at their previous accredited school. From that point, all graduation requirements of Jesup High School will be in force.
- Students wanting to graduate early must complete an application for EARLY GRADUATION by the last day of school in their 6th semester. This form can be found on page 50 of this handbook.

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DEFINITION OF TERMS

<u>Course</u>	A separate unit of instruction, which is part of a complete series of studies leading to graduation.
<u>Semester</u>	Either of the terms of 18 weeks, which make up a school year.
<u>Credit</u>	The numerical reward received for passing one semester of a course.
<u>Required Course</u>	Any course required for graduation.
<u>Elective</u>	A subject or course which is not a graduation requirement.
<u>Prerequisite</u>	A preliminary requirement, which must be met before a certain course can be taken. For example, Spanish 1 must be taken before Spanish 2.
<u>Honor Roll</u>	Jesup High School will publish an honor roll each semester. Students who attain a 3.0 grade point average or better will be included. <div style="text-align: right; margin-left: 200px;">Gold Honor Roll = 3.500 and above Silver Honor Roll = 3.000—3.499</div>

Grade Point Average (GPA) The total grade points divided by the total courses completed.

Grade Points Points that are assigned to the letter grade a student has received for a 1 semester course.

A+	4.000	B+	3.333	C+	2.333	D+	1.333	F	0.000
A	4.000	B	3.000	C	2.000	D	1.000		
A-	3.667	B-	2.667	C-	1.667	D-	0.667		

THE SCHEDULING PROCEDURE

This handbook has been prepared to assist in planning students' educational programs for the 2026 - 2027 school year. The descriptions in this handbook provide a general view of what is involved in each course or activity. If you need more information or something is not clear to you, please contact the school counselor or any member of the faculty. Those students who are presently in eighth, ninth, or tenth grade should also plan their tentative class schedules for each of their remaining high school years. If college is a goal, then close attention should be given to entrance requirements. Check with the college's Admissions Office about their entrance requirements.

The following is the procedure for completing the registration form.

1. All writing on the form should be done in pencil, except for parent signature.
2. Remember the following as you work on your form:
 - List all requests and be sure to put electives in order of priority.
 - Request courses required for graduation that you have not yet taken, or have failed in the past.
 - Consult this planning booklet and teachers to make sure:
 - You are including courses required for graduation.
 - You have necessary teacher/principal approval or pre-requisites for a course.
 - Think seriously about:
 - How the courses you are selecting will fit into your total program.
 - What is the best sequence for those courses
 - Are you requesting the classes you really want and plan to remain in for the 2026—2027 school year?
3. When you have considered all the above points, please do the following
 - In Pencil, complete the course registration form.
 - Parents/guardian must sign the form
 - Return the form to the High School Office, Middle School Office or Counseling Office.

CREDIT RECOMMENDATIONS FOR COLLEGE ENTRANCE

These are general guidelines. Each college may have more specific requirements, especially regarding a foreign language or recommended core classes. Check with the intended school to be certain the student will have the necessary courses to enroll.

English: 4 years—8 credits
Suggestions: Composition, American Literature, World Literature, Speech.

Math: 3 years—6 credits (a minimum)
Typical minimal 4-year college expectations: Algebra, Geometry, Algebra 2

Science: 3 years—6 credits
1 year of General Science and at least 2 more years from the following (1 year per course): Biology, Chemistry, or Physics. (*Jesup's Anatomy and Physiology* and other science electives may also meet college expectations)
Classes with lab experiences are highly recommended and sometimes required.

Social Studies: 3 years—6 credits

Foreign Language: 2-4 years—4-8 credits
Foreign language entrance and exit requirements vary greatly from school to school.
Check with the intended college.

JESUP GRADUATION REQUIREMENTS FOR CLASS OF 2027, 2028, 2029 & 2030

52 total credits are required

to graduate with a Jesup High School diploma.

Of the 52 total credits needed, 34-36 of them are the following required courses.

English: 8 Credits

English 1 2
English 2 2
Literature Credit 1
Writing Credit 1
Speaking Credit 1
Choice 1

Social Studies: 7 Credits

World Perspectives/Geography 2
World Cultures/History 2
American History 2
American Gov't 1

Physical Ed.: 4 Credits

1 Credit Each Year

Business Computer Apps: 1 Credit

Health: 1 Credit

Life/Career Skills: 1 Credit
+ Electives

Science: 6 Credits

Science 1: Earth Science 1
Science 1: Chemistry 1
Biology 2
Science 1: Physics 1
Science Elective 1

Mathematics: 6-8 Credits

Algebra 1 2
Geometry 2
Algebra 2 or Financial Algebra 2

*Algebra 1 requirement can also be met by successfully taking Algebra 1: Part 1 and Algebra 1: Part 2. If a student chooses this pathway, 8 credits of math will be required to complete the sequence.
**Algebra 2 requirement can also be met by taking the Financial Algebra course. Note: The Financial Algebra course will not meet the Algebra 2 requirement for 4-year colleges or NCAA.

9th	Sem 1	Sem 2		10th	Sem 1	Sem 2
English	English 1 (1)	English 1 (1)		English	English 2 (1)	English 2 (1)
Math				Math		
Science	Science 1: E. Science (1)	Science 1: Chemistry (1)		Science	Biology (1)	Biology (1)
Social St	World Geography (1)	World Geography (1)		Social Studies	World History (1)	World History (1)
PE	PE 9 (1)	-----		PE	PE 10 (1)	-----
Technology	-----	Computer Lit (1)		Health	-----	Health (1)
Elective				Elective		
Elective				Elective		
Elective				Elective		
Total Credits				Total Credits		
11th	Sem. 1	Sem. 2		12th	Sem. 1	Sem. 2
English				English		
Math				Math/Elective		
Science	Science 1: Physics (1)			Elective		
Social St	Am History (1)	Am History (1)		Social Studies	Am Gov't (1)	-----
PE	PE 11 (1)	-----		PE	-----	PE 12 (1)
Lf/Skls	-----	Lf/Skills (1)		Elective		
Elective				Elective		
Elective				Elective		
Elective				Elective		
Credits				Total Credits		

PSEO and CONCURRENT COURSES

The Post-Secondary Enrollment Options Act (PSEO) allows students in grades 11 and 12 and students identified as "gifted and talented" in grades 9 and 10 to enroll part time at an eligible state university or private college/university. The purpose of this act is to "promote rigorous educational pursuits and to provide a wide variety of options for students." Jesup High School and area community colleges work together to provide the opportunity for students to take contracted or PSEO courses for college credit.

- The high school pays the cost of tuition, textbooks, materials, and fees up to \$250 for public school students. Parents/guardians/students over age 18 are required to reimburse the school district for all costs if the student achieves an incomplete or failing grade for the course. This is for PSEO courses only.

Senior Year Plus allows students in grades 9-12 to enroll part time at an eligible community college in which the school has an agreement. This is termed Concurrent Enrollment.

- The high school pays the cost of tuition for Concurrent courses for courses that are on our approved list only.
- Students must provide their own transportation for PSEO and Concurrent courses.
- Students interested in PSEO or Concurrent courses will need to register through the intended college. Dates of registration are communicated each semester in the school announcements.
- Enrollment in these courses is first come, first serve and therefore, limited. Classes fill up so register early. There is a specific registration deadline date students must meet as well which is communicated each semester in the school announcements. For Fall Semester courses, the deadline date will be May 15th. For Spring Semester courses, the deadline date will be November 30th. If the deadline date falls on a weekend, the deadline date for that semester will be the last school day BEFORE the original deadline date.
- Concurrent enrollment is designed to supplement not supplant high school courses.
- Students who successfully take these classes will receive high school and college credit.
- Students who withdraw after the Jesup drop deadline or who receive an "F" grade in a college course will also receive an "F" grade on their high school transcript.
- To determine how these credits will transfer to a particular college or university, the student will need to contact either Hawkeye or the school in question.
- Students with an IEP or 504 Plan may want to apply for accommodations through Student Services at Hawkeye Community College; students can see the school counselor for information.

Some PSEO and Concurrent Courses require ACT, Accuplacer or ALEKS (math only) scores to be met before a student can be enrolled. This varies by course.

See your School Counselor about any of these tests.

The following minimal scores will be required for certain courses if previous course requirement is not met:

ACT Scores

English: 19
Reading: 19
Math: 19 (Calculus-27)

ALEKS Scores

Math: 30

ACCUPLACER Scores

Writing: varies by class, see counselor
Reading: varies by class, see counselor
Algebra: varies by class, see counselor

JESUP HIGH SCHOOL

SENIOR YEAR PLUS

Senior Year Plus (SYP) was enacted by the Iowa legislature in November of 2009 to provide more equal access for high school students to college credit courses. Courses delivered through SYP provide students the opportunity to take a rigorous curriculum and receive both high school and college credit. At Jesup High School these courses include:

Concurrent Enrollment Courses

Career Academy courses

On-site and off-site college-level courses

Iowa Communication Network courses (ICN)

Iowa Learning Online courses

Post-Secondary Enrollment Options Act courses (PSEO)

State guidelines now require all students enrolling in Senior Year Plus courses for the 2026-2027 school year be proficient in reading, math and science as defined by No Child Left Behind (NCLB) requirements assessed through the Iowa Test of Educational Development (ITED). Students not proficient but have an Individualized Education Plan (IEP) will have an IEP team review to determine eligibility under the rules for SYP.

STATE APPROVED CRITERIA ENSURING READING, MATH & SCIENCE PROFICIENCY AS REQUIRED BY SYP:

A student is proficient when they have achieved the 41st National Percentile Rank or higher on the most current math, science and reading Iowa Assessment.

If a student at Jesup High School does not meet the proficiency requirement as stated above, he/she may choose an alternative assessment or evaluation stipulated by the school. The following list includes approved measures for proficiency. The student must be proficient in one of these for measures.

- The student is proficient on the reading, math and science portions of the ACT if the scores for reading, math and science put the student above the 41st percentile nationwide (Reading: 19; Math: 19; Science: 19).
- The student will be judged proficient if they have received letter grade of "B-" or better in the last related course taken in reading, math or science.

***Students with an IEP will be subject to an IEP Team Review to determine eligibility under Senior Year Plus.

FERPA (Family Educational Rights and Privacy Act) Rules:

Please be aware that FERPA has rules and regulations on what information can be disclosed to the parent/guardian of a student when that student is enrolled in college courses.

Please visit the following link to read about FERPA's rules and regulations:
<http://www2.ed.gov/policy/gen/guid/fpco/ferpa/students.html>

2026-2027 POSSIBLE COLLEGE COURSES

At this time, the following courses are tentatively being offered during the fall and/or spring semester (based on availability of instructor, number of students registered and Jesup's final course offering list). These are the courses that were approved by the district that the district will pay for during the 2025-2026 school year. Students can take other courses that Hawkeye offers but the cost will be the responsibility of the student/family.

****The 2026-2027 approved list will be available in mid-late March. Below were the approved courses for 2025-2026 so please note that these could still change.**

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Public Speaking	Page 15
Composition I	Page 15
Composition II	Page 15
Statistics	Page 19
Calculus I	Page 19
Calculus II	Page 19
American National Government	Page 24
Intro to Psychology	Page 25
Intro to Sociology	Page 25
Western Civilizations I	Page 25
Western Civilizations III	Page 25
Automotive Academy	Page 39
Intro to Health Professions	Page 41
Nutrition	Page 41
Medical Terminology	Page 41
Nursing Assistant	Page 41
Intro to Criminal Justice	Page 46
Criminology	Page 46
WCC Courses	Page 47

Advanced Placement Courses

Jesup High School offers students the opportunity to take Advanced Placement (AP) courses through an online option. The school is still in the process of deciding which courses to offer next fall. This list of 4-5 offerings will be finalized by the end of March. The courses that may be offered are listed below. Please see Mr. Rea or Mrs. Bauer for more information and to get registered for these courses.

AP classes cannot replace required core classes for graduation and will be counted as an elective credit.

Students who complete an AP course through the AP Academy via Apex Learning will receive high school academic credit for these courses. Students can ATTEMPT college credit by taking the College Board Advanced Placement Exams in May. There is a cost associated with the Exams.

Iowa Online AP Academy: (2 semester courses)

- AP Calculus AB
- AP Biology
- AP Chemistry
- AP English, Language and Composition
- AP English, Literature and Composition
- AP Environmental Science
- AP U.S. History

Iowa Online AP Academy: (1 semester courses)

- AP Macroeconomics
- AP Microeconomics
- AP U.S. Government

NCAA INITIAL-ELIGIBILITY STANDARDS

If you want to compete in NCAA sports, you need to register with the NCAA Eligibility Center at eligibilitycenter.org. Plan to register before your freshman year of high school. For more information on registration, visit on.ncaa.com/RegChecklist.

ACADEMIC REQUIREMENTS

Division I and II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements.

Division I

1. Earn 16 NCAA-approved core-course credits in the following areas:
 - English: 4 Years
 - Math (Algebra 1 or higher): 3 Years
 - Science (including one year of lab): 2 Years
 - Extra (English, Math or Science): 1 Year
 - Social Science: 2 Years
 - Other (Any area listed above or courses listed in additional discipline—world language, comparative religion or philosophy): 4 Years
2. Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
3. Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of your seventh semester. Once you begin your seventh semester, any course needed to meet the 10/7 requirement cannot be replaced or repeated.
4. Earn a minimum **2.3 core-course GPA**.
5. Ask your high school counselor to upload your final official transcript with proof of graduation to your Eligibility Center account.

Division II

1. Earn 16 NCAA-approved core-course credits in the following areas:
 - English: 3 Years
 - Math (Algebra 1 or higher): 2 Years
 - Science (including one year of lab): 2 Years
 - Extra (English, Math or Science): 3 Years
 - Social Science: 2 Years
 - Other (Any area listed above or courses listed in additional discipline—world language, comparative religion or philosophy): 4 Years
2. Earn a minimum **2.2 core-course GPA**.
3. Ask your high school counselor to upload your final official transcript with proof of graduation to your Eligibility Center account.

Division III

While Division III schools set their own admissions and academic requirements, international student-athletes (first-year enrollees and transfers) who are enrolling at a Division III school after August 1, 2023, must be certified as an amateur by the Eligibility Center. Contact the Division III school you plan to attend for more information about its academic requirements.

The following courses offered at Jesup meet the NCAA Core Course eligibility standards.

ENGLISH

English 1
English 2
American Lit
World Lit
Composition
Creative Writing
Speech
HCC Comp 1
HCC Comp 2
Public Speaking
Oral Communications

SOCIAL SCIENCE

World Perspectives/World Geography
World Cultures/World History
American History
American Government
Anthropology
Economics
Contemporary Affairs
Sociology
Western Civilizations
Psychology

MATH

Algebra 1
Algebra 1A&B (combined)
Algebra 2
Geometry
Discrete Math and Stats
Pre-Calc and Trig

SCIENCE

Science 1
Biology
Physics
Chemistry
Anatomy & Physiology
Environmental Science
Astronomy
Geology
Meteorology

ADDITIONAL CORE COURSES

Spanish 1
Spanish 2
Spanish 3
Spanish 4

LANGUAGE ARTS

Upon successful completion of English 1 and English 2, students will have earned 4 credits. The remaining credits will be taken from the following classes, with students required to take at least one class from each of the following three areas:

- 1.) American Literature or World Literature
- 2.) Composition or Creative Writing
- 3.) Speech or Drama.

The 8th credit may be taken from any of the three areas or from an approved Hawkeye Community College Class.

ENGLISH 1

Required for Freshmen
Course Length: 2 Semesters
Credits: 2

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is designed to expose students to literature and language through the processes of writing, reading, speaking, observing, and discussing. The course includes the general content areas: reading, writing, literature, vocabulary, spelling, grammar, and library skills with anticipated responses being the development of an appreciation of language and literature, improved writing skills, and enhanced reading comprehension and oral communication skills. This course includes an introduction to writing as a process; analysis of novels, short stories, poems, and plays; and research and citing unit. Student evaluation is based on class participation, completion of assignments, a combination of objective and subjective tests, classroom presentations, the student's writings, and journals over the student's readings.

ENGLISH 2

Required for Sophomores
Course Length: 2 Semesters
Credits: 2

Prerequisites: English 1
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is designed to build upon the learning processes developed in English I, and, at the same time, challenge and prepare students for higher-level English courses. Skills are developed through writing, reading, speaking, observing, and discussing a wide variety of materials. Through instruction, students will better understand and appreciate literature, improve and expand their knowledge of the writing process and the skills required, and refine oral communication skills. Students will be evaluated by class participation, completion of assignments, a portfolio, objective testing, and classroom presentations.

AMERICAN LITERATURE

Fulfills Junior/Senior Literature Requirement

English Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: English 2
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: American Literature is designed to introduce students to the works of great American writers. Students will read, analyze, and respond to *Adventures of Huckleberry Finn* and *The Secret Life of Bees*. Students are evaluated through reading guides, group work, quizzes and essay writing.

WORLD LITERATURE

Fulfills Junior/Senior Literature Requirement

English Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: English 2
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: World Literature is a one-semester course designed for students to read, analyze, and respond to literature produced by authors from Old English, Middle English, and Modern English. Some of the main works/authors that are studied include *Beowulf*, Chaucer, and Shakespeare. Students will examine fiction and non-fiction in novels, plays, ballads, and poetry. New vocabulary is acquired through reading and an intense study of commonly used words in our everyday world.

COMPOSITION

Fulfills Junior/Senior Writing Requirement

English Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: English 2
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Most colleges now require students to have completed a basic high school composition course. In this one semester course, the process of writing will be examined, learned, and practiced through the composing of a classic argument essay, which is broken down into content, research, citing, and proofreading. This writing is thesis driven and research based. Students will experience exploratory and pre-writing activities, drafting strategies, and revision techniques. Following the argument essay is the development of a feature story in which five writing techniques are introduced and used.

CREATIVE WRITING

Fulfills Junior/Senior Writing Requirement

English Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: English 2
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Creative Writing gives students the opportunity to explore and try their hand at various genre of Poetry, Memoir (Non-fiction), and Fictional Short Story. Through the writing process, public sharing of works in progress, peer and self-editing, the students will create a portfolio of their best work in all genres studied.

SPEECH

Fulfills Junior/Senior Oral Communication Requirement

English Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: English 2
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: One half of the course will focus on a textbook study of human behavior and its influences on communication with others. Evaluations will be based upon quizzes over the assigned readings as well as lecture.

The other half of the course will focus on effective public speaking skills. Students will be required to write and present a variety of speeches with emphasis on different styles of writing and oral delivery. Evaluations will be based upon the quality of their oral presentation.

DRAMA

Fulfills Junior/Senior Oral Communication Requirement

May not fulfill college entrance requirements as an English credit. Please check with the specific college

English Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: English 2
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Drama class provides students with opportunities to improve skills needed to perform in front of an audience. Units of study are first broken down to focus on the body (Pantomime) and then the voice (Vocal Delivery). Student learning shall be reinforced by practicing with their peers as well as through peer critique. Final evaluations are based upon the quality of their performances.

JOURNALISM MEDIA

*Does NOT fulfill one of Jesup's English Graduation Requirements
May not fulfill college entrance requirements as an English credit.
Please check with the specific college
May be repeated, with administrative permission*

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: Jr./Sr. Standing or
teacher approval
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: A Media student will gain knowledge and experience in journalistic writing and reporting, yearbook layout and design, and photography. This course emphasizes meeting deadlines as an essential skill.

HCC Composition 1, HCC Composition 2, HCC Oral Communication & HCC Public Speaking will be offered based on availability of instructor and number of students registered.

HCC COMPOSITION 1

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: Composition and
required ACT or Accuplacer Score
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: HCC Composition 1 is strongly recommended for the college bound student. It develops students' writing skills by emphasizing fluency, organization, the use of supporting details, and research techniques. Students will demonstrate these skills through writing a summary/response essay, exploratory essay, classical argument essay, and a final reflection. Writing is approached as a recursive process that includes prewriting strategies, drafting, revising, and editing. The course helps students define a sense of audience and purpose in their writing. All formal writing is thesis driven and research based.

HCC COMPOSITION 2

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: HCC Composition 1
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: In HCC Composition 2, students extend the writing principles learned in HCC Composition 1 to ethical and effective argument and persuasion in order to evaluate, propose, analyze and reflect. Students will demonstrate these skills through writing an evaluation essay, proposal essay, analysis essay, and a final reflection. This course teaches precise and responsible use of research tools and requires critical analysis of reading materials.

HCC FUNDAMENTALS OF ORAL COMMUNICATION

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: Meet Concurrent Requirements
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course presents elements of the oral communications process with emphasis in developing public speaking skills. Students will be involved in activities that provide opportunity for the understanding and improvement of their oral communication skills.

HCC PUBLIC SPEAKING

Fulfills Junior/Senior Oral Communication Requirement

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: Meet Concurrent Requirements
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course studies the fundamentals of public speaking, emphasizing the process of speech preparation and delivery in various contexts. This course is taken as a part of the CAPS Program.

MATHEMATICS

ALGEBRA 1

Acceptance into this course will be based on Standardized test scores and Math teacher recommendation.

Required
Course Length: 2 Semesters
Credits: 2

Prerequisites: Proficiency in General Math
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: The purpose of Algebra 1 is to give the student experience in the language of mathematics, mathematical reasoning, and systematic problem solving. The course provides the student with an introduction to the mathematical theory and application, which are necessary for the technical school and college. The class will move at a quicker pace than Algebra 1: Part 1, with the goal of covering the entire book. The course structure consists of introduction of a variety of sample problems, homework assignments covering the same topics, and class time the next day spent on clearing up areas of trouble. Students will be graded on daily homework, quizzes, unit tests and semester final. The required materials are paper, pencil, graph paper and a scientific calculator.

ALGEBRA 1: PART 1

Required
Course Length: 2 Semesters
Credits: 2

Prerequisites: Proficiency in General Math
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: The purpose of Algebra 1: Part 1 is the same as Algebra 1. The difference is that the same material will be covered in 2 years as opposed to 1. Next year this student will take Algebra 1: Part 2. The required materials are paper, pencil, graph paper and a scientific calculator.

ALGEBRA 1: PART 2

Required
Course Length: 2 Semesters
Credits: 2

Prerequisites: Algebra 1: Part 1
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Algebra 1: Part 2 will pick up where Algebra 1: Part 1 left off. The required materials are paper, pencil, graph paper and a scientific calculator.

GEOMETRY

Required
Course Length: 2 Semesters
Credits: 2

Prerequisites: Algebra 1 or Algebra: Part 1 & Part 2
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Throughout life, geometry is studied informally by observing and studying the sizes and shapes of many items. This, in simple terms, is what geometry is—the accurate study of size and shape. Geometry aids the student in his/her ability to organize geometric ideas into a logical system of thought. Emphasis is placed on applications of geometric theories. The required materials are paper, pen, pencil, protractor, compass, ruler, graph paper and a scientific calculator.

ALGEBRA 2

Required
Course Length: 2 Semesters
Credits: 2

Prerequisites: Geometry or Teacher Approval
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is intended to provide advanced algebraic concepts for the student who plans a career in electricity, medicine, engineering, physics, navigation, computer science, chemistry, accounting or any other career that requires a minimum of two or more years of technical training and/or college. The areas studied include equations, inequalities, linear functions, relations, systems, matrices, polynomials, roots, quadratics, conics, rational expressions, and exponential and logarithmic functions. The course structure consists of the introduction of a variety of sample problems, homework assignments covering the same topics, and class time the next day spent on clearing up areas of trouble. Students will be graded using daily homework, unannounced quizzes, and chapter tests. The required materials are paper, pencil, graph paper and graphing calculator.

FINANCIAL ALGEBRA

Required
proval
Course Length: 2 Semesters
Credits: 2

Prerequisites: Geometry or Teacher Approval
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: In this course students will model with mathematics in exploring real world financial phenomena including interpreting and justifying reasoning to make data-supported financial decisions. Mathematical content areas studied include modeling with basic Algebra, Geometry, Statistics and Probability while making rigorous and relevant connections to the real world. Topics include discretionary spending, banking, credit, auto and home ownership, employment, taxes, investments, entrepreneurship, retirement, & budgeting. A scientific calculator is required for this course.

PRE-CALCULUS & TRIGONOMETRY

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: Algebra 2 and Geometry
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is designed to provide a wide range of mathematical experiences for the college-bound student. The class is intended to prepare the student for the study of calculus and other mathematics at the college level. A portion of the class is designed to help the student prepare for mathematics placement exams, which colleges use in placing the student at the appropriate starting level of college mathematics. The areas studied include linear relations and functions, theory of equations, the nature of graphs, trigonometric functions, graphs, identities and applications, vectors, polar coordinates, complex numbers, conics, and exponential and logarithmic functions. The students will be graded using chapter tests, daily work, and unannounced quizzes. The required materials are paper, pencil, graph paper and graphing calculator.

DISCRETE MATHEMATICS & STATISTICS

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: Algebra 2 and Geometry
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is designed to broaden the mathematical background for the student who is planning to continue his/her education, but not necessarily in a mathematically related field. College freshman mathematics courses are gradually changing to the study of topics other than advanced algebra concepts. This course is intended to introduce probability, sequences and series, statistics, limits, some advanced algebra topics, finite mathematics, and a variety of other topics as time permits. The student will be graded using daily homework, unannounced quizzes, and unit tests. The required materials are paper, pencil, graph paper and a scientific calculator.

HCC Statistics and HCC Calculus 1 and 2 will be offered based on the availability of the instructor and the number of students registered.

HCC STATISTICS

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: Jr or Sr Standing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is a study of descriptive statistics including graphical representation, central tendency, correlation and regression, intuitive treatment of probability, and inferential statistics including hypothesis testing.

HCC CALCULUS 1

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: Pre Calc & Trig
Course Mark: Letter Grade
Applies to GPA: Yes
ACT Math score of 27 or above

Course Description: This is a first course in integrated calculus and analytic geometry. The concepts of analytic geometry are studied as they apply to calculus. The calculus concepts covered include the rate of change of a function, limits, derivatives of algebraic, logarithmic, trigonometric and inverse trigonometric functions, applications of the derivative and an introduction to integration and its applications.

HCC CALCULUS 2

Elective
Course Length: 1 Semester
Credits: 1
College Credits 3

Prerequisites: HCC Calculus 1
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course will expand and continue the topics covered in Calculus 1.

SCIENCE

SCIENCE 1: EARTH SCIENCE AND CHEMISTRY

Required for Freshmen
Course Length: 2 Semesters
Credits: 2

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is an introduction to the basics of chemistry and Earth science. Students learn about conservation laws and characteristic properties of elements and compounds and how matter interacts. They also study the basic concepts of Earth science disciplines including geology, astronomy, and meteorology and their applications to the world around us. Instruction is provided by lectures, laboratory experiments, discussions, and audio-visual presentations. Evaluation of student progress is a combination of tests, quizzes, lab activities and projects, class participation, and homework.

BIOLOGY

Required for Sophomores
Course Length: 2 Semesters
Credits: 2

Prerequisites: Science 1
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Biology is devoted to the study of living things and their processes. Throughout the year this course provides an opportunity for students to develop scientific process skills, laboratory techniques, and an understanding of the fundamental principles of living organisms. Students will explore biological science as a process, cell structure and function, cellular processes, genetics and heredity, evolution, diversity of living organisms and their ecological roles, cycling of matter and energy flow, and human impact on the planet. Students will complete laboratories through the use of microscopes, dissections, and other techniques. Evaluation of students is based on daily work, lab performance and participation, tests, and projects.

SCIENCE 1: PHYSICS

Required for Juniors
Course Length: 1 Semester
Credits: 1

Prerequisites: Biology
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course will focus primarily on concepts of physics and include some math for engineering standards. The general topics addressed will include stability in motion, waves, and engineering. Students will be expected to solve critical thinking problems, develop designs that reflect the concepts learned, and discover applications of those same concepts.

CHEMISTRY

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: Science 1 & Algebra 1
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is an in-depth study of the atom and how and why it combines with other atoms to form compounds. Instruction is provided through lectures, laboratory experiments, discussions, and audio-visual presentations. Evaluation of student progress is a combination of tests, quizzes, class participation, lab activities, and daily work. Each student will need a calculator.

PHYSICS

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: Science 1 & Algebra 2
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is a study of matter and energy and the scientific laws, which describe our physical environment. A special project may include the Physics Competition at UNI and/or regional Rube Goldberg competition. Instruction is provided by lectures, laboratory experiments, discussions, and audio-visual presentations. Evaluation of student progress is a combination of tests, quizzes, class participation, lab activities, and daily work. Each student will need a scientific calculator.

ANATOMY AND PHYSIOLOGY

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: Biology
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course provides essential information for understanding the structure and function of the human body. Students will gain important insights into the human body and develop an appreciation for the body's amazing design and intricate workings. Structure is emphasized through dissection. This is a preparatory course for students pursuing further studies in biology, those interested in any health or medical field, as well as students who may study physical education, psychology, and other related fields. Evaluation will be based on daily work, lab performance and participation, tests and projects.

ASTRONOMY

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Junior/Senior Standing, Biology
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Units of study will include the ancients' views of the skies, a history of astronomy, tools of astronomy, Sun-Moon-Earth system, solar system (planets, dwarf planets, moons, asteroids and comets), stars and constellations, galaxies, origin of the universe, composition of the universe, and the explorations of neighboring bodies and far-away objects. Students are engaged in lectures, presentations and discussions, lab activities, building and engineering projects and nighttime stargazing.

GEOLOGY

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Junior/Senior Standing, Biology
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course will focus primarily on the structure of Earth, its formation, and the forces that change its surface. Topics will include rocks and minerals, plate tectonics, earthquakes, volcanoes, mountain building, and weathering.

METEOROLOGY

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Junior/Senior Standing, Biology
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course will focus primarily on the earth's atmosphere and its processes that produce our weather. Topics will include structure of the atmosphere, cloud formation and types, weather patterns, and severe weather.

ENVIRONMENTAL SCIENCE

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Junior/Senior Standing, Biology
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Environmental Science is designed to help students gain a better understanding of the diverse nature of our environment. Through this course, students will gain an understanding and appreciation of the natural world, an awareness of problems caused by our use of the world and its resources, as well as searching for remedies to these problems. Emphasis is on the development of thinking and decision-making skills as environmental issues are analyzed. Course topics include a study of ecosystems, water, air, land, atmosphere and climate, food, energy, waste management, and population growth. Evaluation will be based on daily work, lab performance, class participation, tests, and projects.

SOCIAL STUDIES

WORLD GEOGRAPHY

Required for Freshmen
Course Length: 2 Semesters
Credits: 2

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is designed to examine the history, politics, economics, society, and culture of various regions of the world, such as Africa, Latin America, Europe, East Asia, and the Middle East. World Perspectives focuses on the history of these regions, taking an interdisciplinary approach to the contemporary issues affecting the region.

WORLD HISTORY

Required for Sophomores
Course Length: 2 Semesters
Credits: 2

Prerequisites: Sophomore Standing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Descriptions: This course will provide an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments.

AMERICAN HISTORY

Required for Juniors
Course Length: 2 Semesters
Credits: 2

Prerequisites: Junior Standing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course covers America's history from the turn of the 20th century to the present. This course is designed to help students develop a background of the historical development of the United States as a whole, and our relationship with the rest of the world. Instruction involves research, reading, lectures, audiovisual presentations, and primary sources. Over the course of eight units students will develop critical thinking skills by "doing history." Students taking part in this course will gain an understanding as to how historical situations can best be utilized in the future for a better world.

AMERICAN GOVERNMENT

Required for Seniors
Course Length: 1 Semester
Credits: 1

Prerequisites: Senior Standing or Early Graduate
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course provides a background of our American government. Through knowledge learned about our government, students can become better citizens understanding the importance/relevance of government and their roles in government. A variety of learning activities will be used including resource speakers, possible field trips, group interaction, classroom discussion, and community service activities. Areas of study include: foundations of American government, national branches of government, political participation, state and local government, and law and the legal process. The course will finish with a comprehensive exam based on the Federal Citizenship Exam.

CONTEMPORARY AFFAIRS

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Soph., Jr. or Sr. Standing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course studies current global issues/events and current American social problems. A variety of learning activities will be used including resource speakers, field trips, group interaction, surveying, classroom discussions, and various media sources. Areas of study also include: news/media bias, historical backgrounds, current American social problems, and evaluating potential solutions to these current global issues and events.

ECONOMICS

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Jr or Sr Standing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course will help any student gain a better understanding of basic economic concepts. The course encourages student involvement in economic experiences, actual as well as simulated. Various learning methods will be used including resource speakers, computers, field trips, group interaction, classroom discussion and a variety of media sources. Students will also engage in an online stock market investment game with the opportunity to win scholarships or a trip to Washington DC. Areas of study include: investing, microeconomics, macroeconomics, market trends and financial literacy.

ANTHROPOLOGY IN IOWA

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Jr or Sr Standing,
World Perspectives, World Cultures
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is an introduction to anthropology with a focus on Iowa. Methods of archeology, and linguistics will be studied, as well as cultural and biological anthropology. The Iowa focus will be developed in 4 units; Effigy Mound Builders, Meskwaki people, Amish communities, and Iowa micro-cultures. Basic understanding of historical methods and prerequisite courses of world perspectives and world cultures are required.

HCC AMERICAN NATIONAL GOVERNMENT

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: Meet Concurrent Requirements
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is the study of the United States national government, specifically its institutions, the process of governing, the means by which individual citizens and groups influence that process, and the output of that governing process.

HCC American National Government, Introduction to Psychology, Introduction to Sociology and HCC Western Civilizations I and III will be offered based on availability of instructor and number of students registered.

HCC INTRODUCTION TO PSYCHOLOGY

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: Jr or Sr Standing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course provides an introduction to the study of behavior with emphasis in the areas of learning, cognition, motivation, personality, behavioral disorder, therapy, and social influence. An understanding of the impact of both theoretical perspectives and experimental evidence on the formulation of the science of human behavior is also stressed. Psychological theories and principles are utilized to explain and predict behavior.

HCC INTRODUCTION TO SOCIOLOGY

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: Jr or Sr Standing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course surveys the basic principles, concepts, and research findings of social life from small groups to societies. This course examines the range of sociological explanations of various forms of social behavior and establishes a basis for further study in the field.

HCC WESTERN CIVILIZATIONS I

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: Jr or Sr Standing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Western Civilizations traces the development of Western civilization from prehistory to the end of the seventeenth century. It will explore the major political, social, economic, scientific, intellectual, cultural, and religious developments contributing to Western society. This includes the significant events and contributions of early Middle Eastern civilizations, classical and Hellenistic Greece, the Roman Empire, the Christian church, Medieval Europe, the Renaissance, the Reformation, and the scientific revolution.

HCC WESTERN CIVILIZATIONS III: THE MODERN PERIOD

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: Jr or Sr Standing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course will continue exploring the development of Western Civilization covering the period from the French Revolution until the present. The role of the Humanities is emphasized. The course will examine the major political, social, economic, intellectual, cultural, and religious developments contributing toward Western Society. Included are such major developments as the industrial revolution, the French revolution, Romanticism, European colonialism, World War I, World War II, the Cold War, the new European order, and the world of the Twenty-first Century.

AGRICULTURAL EDUCATION

THESE COURSES ARE DESIGNED TO PREPARE STUDENTS FOR SUCCESSFUL CAREERS AND A LIFETIME OF INFORMED CHOICES IN THE GLOBAL AGRICULTURE, FOOD, FIBER, AND NATURAL RESOURCES SYSTEMS. THESE COURSES PROVIDE A BROADER OUTLOOK AND MORE TECHNICAL EDUCATION IN AGRICULTURE. ALL STUDENTS ARE REQUIRED TO HAVE A SUPERVISED AGRICULTURAL EXPERIENCE.

INTRO TO AGRICULTURE A & B

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is an entry-level course for freshmen and first-year students in the agriculture education program. During the first semester, students will learn about the history of agriculture education, FFA, and SAEs (Supervised Agricultural Experience). During the second semester, students will learn about service projects, communication, opportunities in agriculture and natural resources in the future.

ANIMAL SCIENCE

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Intro to Agriculture or
Instructor/Principal's Approval
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Animal Science is a course that provides students with an overview of the field of animal science. The course will heavily focus on large animals, but can also be applied to small animals. All areas that the students study can be applied to large and small animals. Topics to be addressed include the history of animal science, anatomy and physiology, reproduction, and careers in animal science.

ADVANCED ANIMAL SCIENCE

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Animal Science
Recommended for 10th-12th Grades
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course will use what students learned in animal science to assist with learning about behavior, nutrition, rations, genetics and breeding systems. Students will have hands on opportunities within these topics that will be discussed and be able to make real world connections and how there are positive and negative impacts in the animal industry.

COMPANION ANIMAL SCIENCE

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Intro to Agriculture or
Instructor/Principal's Approval
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is designed for junior and senior students. This course is about small animals such as cats, dogs and birds. Students will learn about different breeds, how to select the perfect animal, the reproduction of small animals, budgeting and small animal digestion/nutrition.

PLANT SCIENCE

Elective

Course Length: 1 Semester
Credits: 1

Prerequisites: Intro to Agriculture or Instructor/
Principal's Approval; Recommended for 10th-12th Grades
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course provides students with an overall view of how humans utilize horticulture plant materials. Topics covered are fruits, vegetables, ornamental plants, and their proper use and care. Proper culture and environmental conditions are also included. This class will be utilizing the materials in the greenhouse.

GREENHOUSE MANAGEMENT

Elective

Course Length: 1 Semester
Credits: 1

Prerequisites: Plant Science
Recommended for 10th-12th Grades
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is designed to allow students to learn about the greenhouse environment, growing plants, plant needs, plant uses, propagation, identification and productively hosting a plant sale. Students will be in charge of promoting/marketing a plant sale, operating the sale and assisting customers in purchases of plants. Students would be in charge of managing and making decisions for the hydroponics system in the greenhouse.

NATURAL RESOURCES

Elective

Course Length: 1 or 2 Semesters
Credits: 1 or 2

Prerequisites:
Recommended for 10th-12th Grades
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: A course designed to study the management of soil, water, wildlife, forests, and air as natural resources. We will do an in-depth study of soil along with a deep dive into the world of conservation and outdoor recreation activities. It will be based on the North American Model of Wildlife Conservation, including hunting, fishing, trapping, conservation work, shooting sports, and boating. It will give a foundational basis for habitat acquisitions, enhancement, and protection, as well as wildlife management.

AGRICULTURE BUSINESS MANAGEMENT

Elective

Course Length: 1 Semester
Credits: 1

Prerequisites: Intro to Agriculture;
Recommended for 11th-12th Grades
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This advanced level course focuses on agriculture production and management. Students will have hands on to computer tools to assist with decision making, planning, documenting and markets. They will manage their own production records and see how the changing markets can impact their potential to make profit and keep a business going.

AG CAPSTONE

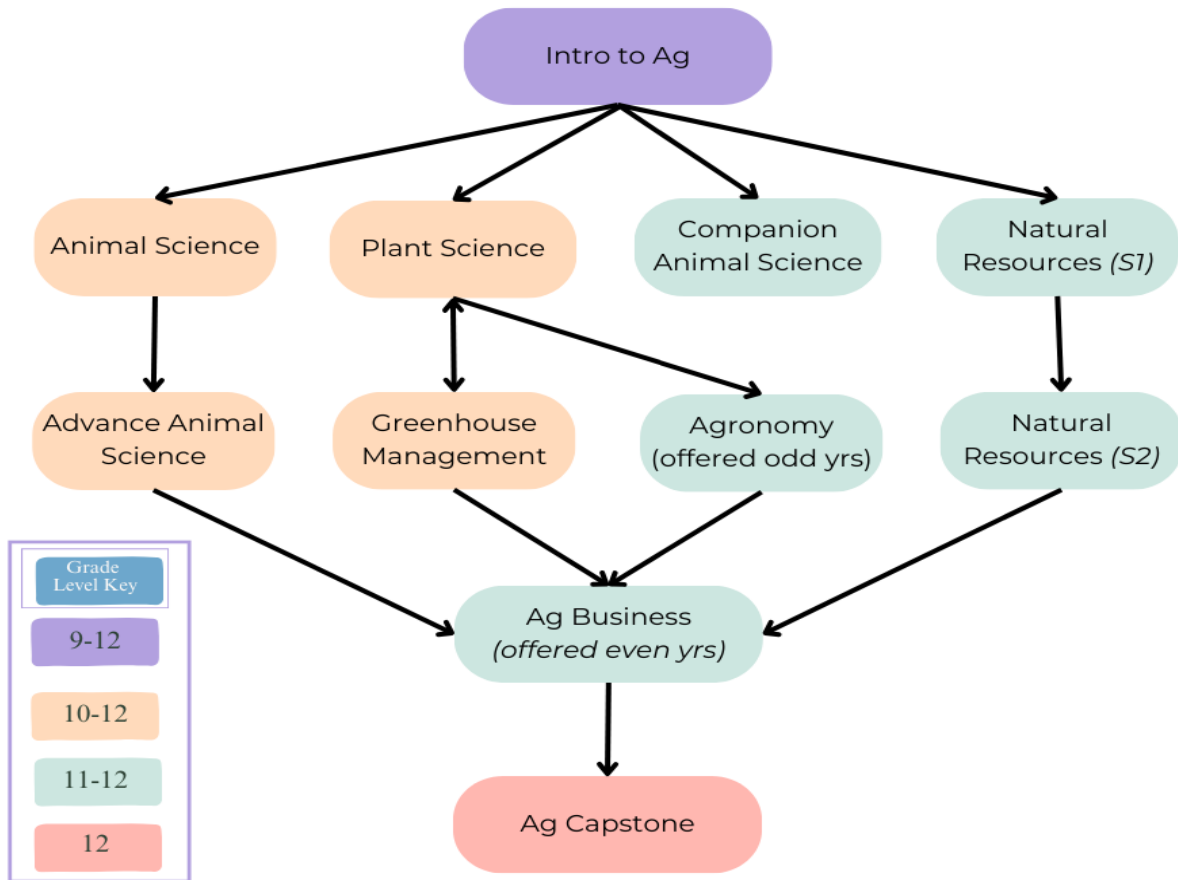
Elective

Course Length: 1 Year
Credits: 2

Prerequisites: Seniors Only. Must have taken 6 credits in Agriculture prior to the start of Senior Year
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: The Senior Capstone Project is designed to provide students with the opportunity to apply all that they have learned in their four years of high school to a project which will extend their learning, stretch their potential and challenge their abilities. The Capstone Project is completed in the senior year (must have completed 6+ credits before the start of senior year to be eligible). The work of the Capstone Project consists of 5 phases: The proposal, the research, the project, the presentation and the portfolio. The goal is to choose a topic that relates to a possible career interest of the student and explore that topic in depth.

Agriculture Class Map



ART

ART 1

Elective
Course Length: 2 Semesters
Credits: 2
Full Year Class—Cannot be added at Semester.

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: The purpose of this course is to give the student experience in working with a wide range of materials and techniques. This course is designed to be more comprehensive starting with drawing then moving through 3D and eventually to painting. Each project and medium will have several brief introductory videos which are included on the project instructions posted in Google Classroom. Students will utilize sketch books for vocabulary, techniques, research and reference. Outside class time may be needed on some projects. Final projects receive a letter grade, The major factors that determine the student's grade are based on the project rubric and include technique, craftsmanship, creativity and use of class time

RECOMMENDED materials should include: sketch book, drawing pencils, blending tools, erasers, yarns, prism colored pencils, pastels, watercolors, acrylic paints, paint brushes, and a storage container for supplies.

ART 2

Elective
Course Length: 2 Semesters
Credits: 2
Full Year Class—Cannot be added at Semester.

Prerequisites: Art 1 (Mandatory)
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: The purpose of this course is to give the student the opportunity to expand and explore the materials and techniques of their choice while learning to develop original ideas. Projects will be presented for students to foster their visual research and development skills and produce original projects. Students will utilize creative problem solving methods to explore ideas and develop their creativity, technical skills and self-critique. Emphasis is placed on projects that stretch and expand individual's abilities involving the application of techniques and employing both the design principles and elements as well as the studio habits of mind. Students are evaluated on their research and development as well as their final projects and reflections. All projects are submitted via Google Classroom and will have project rubrics related to class participation/work time, research, development, technique and craftsmanship as well as reflections on projects and learning.

RECOMMENDED materials might include: sketch book (possibly from Art 1), drawing pencils, blending tools, erasers, yarns, prism colored pencils, pastels, watercolors, acrylic paints, oil paints, paint brushes and a storage container for supplies.

ART 3

Elective

Course Length: 1 or 2 Semesters

Credits: 1 or 2 (1 per Semester)

Students are able to add at Semester if they have completed Art 2.

Prerequisites: Art 2

Course Mark: Letter Grade

Applies to GPA: Yes

Course Description: The purpose of this course is to give the student the opportunity to explore the materials and techniques of their choice at an advancing level. Students select an area of focus for the semester which could include: Drawing, Painting, Ceramics, Sculpture, Fiber, Printmaking, Architecture, or a Themed topic such as Identity. Students are provided independent instruction and are required to submit a weekly progress log. Students will be evaluated on this weekly reflection and their final project. Emphasis is placed on projects that stretch and expand individuals abilities involving more advanced techniques and employ both the design elements and principles as well as the studio habits of mind.

RECOMMENDED materials should include: sketch book, drawing pencils, blending tools, eraser, yarns, prism colored pencils, watercolors, acrylic paints, paint brushes and a storage container for supplies.

ART 4

Elective

Course Length: 1 or 2 Semesters

Credits: 1 or 2 (1 per Semester)

Students are able to add at Semester if they have completed Art 3.

Prerequisites: Art 3

Course Mark: Letter Grade

Applies to GPA: Yes

Course Description: The purpose of this course is to give the student the opportunity to explore the materials and techniques of their choice at an advanced level. Students select an area of focus for the semester which could include: Drawing, Painting, Ceramics, Sculpture, Fiber, Printmaking, Architecture, or a Themed topic such as Identity. Students are provided independent instruction and are required to submit a weekly progress log. Students will be evaluated on this weekly reflection and their final project. Emphasis is placed on projects that stretch and expand individuals abilities involving more advanced techniques and employ both the design elements and principles as well as the studio habits of mind.

RECOMMENDED materials should include: sketch book, drawing pencils, blending tools, eraser, yarns, prism colored pencils, watercolors, acrylic paints, paint brushes and a storage container for supplies.

PHOTO 1

Elective

Course Length: 1 Semester
Credits: 1

Prerequisites: Jr./Sr. Standing, Art 1 or
Instructor Approval
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is designed to offer a new medium for students to explore their creative and technical abilities. Photography teaches students to observe the details around them and make purposeful choices in composing digital images. Areas of study include: An introduction to the digital camera and its settings, general shooting techniques including lighting, apertures, exposure, and composition as well as the history of photography. Photography also works with digital editing software, Adobe Photoshop, to create basic editing techniques including cropping, dodging, burning, blending images, and working with layers and masks. Students will explore various emphasis of photography including Portraits, Still Life, Food, and Landscapes. There will be photoshoots set-up both in the classroom, as well as assigned photoshoots outside of the classroom. There is also Photoshop tutorials assigned to correspond to each area of emphasis to be completed during class time. All Photoshoots and Photoshop projects are turned in via Google Classroom and Students will complete a Portfolio presentation for their final project.

Recommended supplies include: Personal SD card storage device 32GB or higher. Digital SLR Camera capable of manual settings.

PHOTO 2

Elective

Course Length: 1 Semester
Credits: 1

Prerequisites: Photo 1 with a C grade or higher
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course offers students the opportunity to further develop their creative abilities. Students will review basic of Photo 1 and explore the emphasizes in more depth. Students will cover several projects related to Portraits, Landscapes and Artistic Photography. Students will continue to develop their digital editing skills through Photoshop or Lightroom. All Photoshop and Lightroom projects are turned in via Google Classroom. **Recommended supplies include: Personal SD card storage device 32GB or higher. Digital Camera capable of manual settings.**

ADVANCED PHOTO

Elective

Course Length: 1 Semester
Credit: 1

Prerequisites: Photo 2 & Teacher Approval
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course offers students the opportunity to expand their creative abilities through photography. Students work independently taking photos and developing their style and techniques with both the digital camera and the Adobe Programs. Video is also a option to create film and explore Adobe premiere.

Recommended supplies include: Personal SD care storage device 32GB or higher. Digital Camera capable of manual settings and or Video.

GRAPHIC DESIGN 1

Elective

Course Length: 1 Semester
Credit: 1

Prerequisites: Jr./Sr. Standing,
Photo 1 or Teacher Approval
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Students in the Graphic Art class will develop their visual understanding of the Principles of Design through projects and digital design. Projects in this course will explore a wide range of design topics including Design Principles, Visual Development, Target Audiences, Elements and Organization, Composition, Visual Tension, Color Psychology, Elements of Type and Layouts and Presentation. Students can work in physical mediums or explore the digital mediums to expand their software knowledge with additional programs in the Adobe suite including Illustrator and Indesign. All projects will be submitted via Google Classroom.

GRAPHIC DESIGN 2

Elective

Course Length: 1 or 2 Semesters
Credit: 1 or 2 Credits

Prerequisites: Graphic Design 1, Photo 1
Teacher Approval
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course offers students the opportunity to expand their creative and technical abilities through graphic design. Students work independently to develop a variety of projects through the use of the Adobe Suite programs.

Recommended supplies include: Storage device for saving digital data (USB jump drive/SD card).

BUSINESS EDUCATION

BUSINESS COMPUTER APPS

Required for Freshmen
Course Length: 1 Semester
Credits: 1

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is required of all freshmen. The class will consist of basics in computer knowledge, keyboarding skills, word processing, excel, etc. Students will be utilizing the Major programs within Microsoft Office and completing the 9th grade level of Career Exploration. Evaluation will be based on hands-on assignments, quizzes, and participation.

LIFE/CAREER SKILLS

Required for Juniors
Course Length: 1 Semester
Credits: 1

Prerequisites: Junior Standing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is required for all juniors. In this class, students will explore career options by identifying interests and personal skills. Students will identify important skills needed to find and maintain a job. Students will learn to create a budget to establish high well-being. Topics covered include: career and college planning, job acquisition, budgeting, saving and investing and making major purchases. This course also requires students to complete one job shadow experience and attend a college visit day.

BUSINESS PROCEDURES

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Soph, Jr. or Sr.
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is a one semester elective course for students interested in the basics of business. Students will obtain a knowledge base of all the different aspects of running a successful business. This includes economics, marketing, management and finance.

PRINCIPLES OF MARKETING

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Soph., Jr., or Sr.
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is a one semester elective course for students interesting in learning more about marketing in business. In this course students will have an orientation to marketing education, human relations, business ethics, Internet marketing, merchandising, sales promotion, displays, marketing math, oral and written communication and entrepreneurship.

COMPUTER SCIENCE PRINCIPLES

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Jr/Sr Standing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is an entry-level course that introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms the Internet, big data, digital privacy and security, and the societal impacts of computing.

ACCOUNTING 1

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: Soph, Jr or Sr
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: In this course, students receive instruction on how to systematically keep track of the money a business earns and spends. The principles presented may also be applied to a personal accounting system. Work is completed outside of class on a regular basis. This course is recommended for possible college business majors or those who plan to start a business. Instruction and evaluation are in the form of computerized working papers and tests.

ACCOUNTING 2

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: Accounting 1
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: In this course, students will focus more on computerized accounting principles. Different software and programs will be used to better prepare students for the workforce. Simulations will be used which enable students to gain experience in working with actual business papers and real work experience. Evaluation will be based on computerized working papers and tests.

ACCOUNTING 3

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: Accounting 2
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: In this course, students will focus more on computerized accounting principles and real-world simulations. This class provides a very hands-on approach to learning modern accounting systems while integrating it with other business applications. Simulations will be used which enable students to gain experience in working with actual business papers and real work experience. Evaluation will be based on computerized working papers and tests, and student grades from the lessons taught.

CAPS (CENTER FOR ADVANCED PROFESSIONAL STUDIES)

Elective
Course Length: 1 Semester
Credits: 2

Prerequisites: Jr or Sr Standing
Format: 3 Consecutive Class Periods
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: The Center for Advanced Professional Studies (CAPS) Experience is for students who are interested in exploring the world of work. Students in this profession-based learning program will be participating in job shadows, site visits, hear from guest speakers and complete business projects. This class will include a broad introduction into a variety of industries, with a focus on college and career readiness and employability skills. All students will have hands-on, active learning opportunities with full immersion in real-world projects developed in conjunction with local business partners. This course will be a 3 period block with instruction taking place at Heartland Technology Business and Event Center. Students enrolled in CAPS will also take HCC Public Speaking. See page 15 for information on HCC Public Speaking. Successful completion of Public Speaking will also earn associate's 3 college credits from Hawkeye Community College and 1 high school English speaking credit.

FOREIGN LANGUAGE

SPANISH 1

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: An introduction to Spanish where students will focus on the four key areas of foreign language study: listening, speaking, reading and writing. The class will be taught using a CI (comprehensible input) method (90+ of the time in the target language (TL)). Students will be able to form simple sentences and dialogues. Students will also have a better understanding of culture in Spanish-speaking countries. Required supplies are a half inch three ring binder and pencils.

SPANISH 2

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: Spanish 1
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This is a continuation of Spanish 1 and also taught 90+ in the target language. By the end of this course students will be able to communicate in the present tense and also the past tense. Students will also continue to explore culture in Spanish speaking countries. Required supplies are a half inch three ring binder and pencils.

SPANISH 3

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisite: Spanish 2
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is focused on the past, future and compound tenses, vocabulary usage and contextual comprehension is essential. This course builds on the fundamentals learned in Spanish 1 and Spanish 2. This course is also taught 90+ in the target language. This course will continue to further explore the culture of Spanish speaking countries. Required supplies are a half inch three ring binder and pencils.

SPANISH 4

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisite: Spanish 3
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Students will continue to sharpen listening, speaking, reading and writing skills through activities in the target language. The students will build on what they learned in the previous 3 years and will also start working with the subjunctive tense (90+ in the target language). Throughout the course, the students will be exposed to the culture of the Spanish speaking world. Required supplies are a half inch three ring binder and pencils.

*Students taking this course will be given the opportunity to test and earn the Seal of Biliteracy during the second semester.

FAMILY AND CONSUMER SCIENCE

FOODS A

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Love to eat? Want to learn how to cook? This course is for you! This basic foods course focuses on planning, purchasing and preparing food. Topics covered in this course include principles of food cookery, nutrition, equipment choice and use, food sanitation, kitchen safety and food preparation skills. Skills in mathematics, reading and science are reinforced in this course. Students will also have many opportunities to interact and work cooperatively with others. Foods A provides a strong foundation for students to build their knowledge about food preparation and healthy eating.

FOODS B

Elective
Course Length: 1 Semester
Credits: 1

Prerequisite: Foods A
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Expand your culinary horizons with this advanced foods course! This course focuses on consumer skills, food supply, menu planning, food preparation skills, food costs and budgeting and meal service. Students will also have many opportunities to interact and work cooperatively with others. Must take Foods A before taking Foods B.

QUICK COOKING

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Foods A & Foods B; Jr/Sr
Standing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is designed for the student interested in learning how to prepare nutritious meals in a minimum amount of time. The focus will be on cooking foods and creating menus for today's fast paced life-style. Students will practice preparing foods based on limited time, space, equipment and money.

CLOTHING & TEXTILES

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Classes are designed to assist the student in developing skills in clothing and fabric selection, and basic hand sewing skills. Clothing & Textiles emphasizes clothing selection and care, wardrobe planning, consumerism, budgeting, learning how to hand sew and use a sewing machine. Project-based learning includes creating fabric projects. Students will be responsible for materials to complete one of the 6 required projects. Suggestions will be provided and a shopping list will be made available for ease of completing this project.

INTERIOR DESIGN

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is designed to help students make wise housing decisions regarding construction, furnishing, and decorating a home. Topics of study will include housing and human needs, choosing a place to live, understanding house plans, elements and principles of design, textiles in the home, furniture styles and selection and windows and lighting.

FAMILY LIVING

Elective
Course Length: 1 Semester
Credits: 1

Prerequisites: Jr/Sr Standing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is designed to empower students to take action for the wellbeing of themselves and others in the family, workplace and community. Special emphasis will be placed on making wise decisions for a person living alone within the first five years after high school. Topics will include financial management, personal development, relationship development, food management, home management and family life. Skills in decision-making, problem solving, critical thinking, workplace readiness and interpersonal relationships are reinforced in this course. Management of time, money, and resources are emphasized in each area allowing students to be successful at home and in the workplace. Students will be able to better understand themselves and their relationships to others after this class.

CHILD DEVELOPMENT

Elective

Course Length: 1 Semester
Credits: 1

Prerequisites: Soph/Jr/Sr
Standing

Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Do you like children? Do you plan on working with children or being a parent someday? This introductory course is for you! Children are the world's greatest resource. Working with children can be very rewarding and this class will provide the tools you will need. Emphasis is placed on enhancing the development of young children while providing early education and care. Topics include stages of development, health and wellness safety, guidance, parenting and developmentally appropriate activities. A simulated experience using computerized "Real Care" babies is an essential part of this class as well. This course is for anyone who enjoys children and would like to learn more about them.

INTRODUCTION TO EARLY CHILDHOOD EDUCATION

Elective

Course Length: 1 Semester
Credits: 1

Prerequisites: Jr/Sr Standing;
helpful to have taken Child Development prior
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course focuses on preparing students to work with young children from infancy to age twelve in early education and child care settings. Major areas of study include personal and professional growth, the early childhood education profession; child development from birth to age twelve; health, safety, and guidance; and opportunities in early childhood education.

OBSERVATION OF EARLY CHILDHOOD EDUCATION

Elective

Course Length: 1 Semester
Credits: 1

Prerequisites: Intro to Early
Childhood Education
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course and internship is intended to provide students with authentic work experience in a variety of early childhood settings. This experience allows them to have firsthand knowledge of what it means to teach and care for young children. Students will experience continued classroom instruction in all aspects of early childhood education, followed with internship hours in various early childhood settings.

INDUSTRIAL TECHNOLOGY

INDUSTRIAL TECH 1

Elective
Course Length: 1st Semester
Credits: 1

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: The purpose of this course is to acquaint students with some of the basic industrial processes through the study of drafting. Students will learn how to use the concepts of drafting in order to communicate ideas and processes through the use of drawings. Units of study include sketching, measurement, use of drawing tools, geometric construction, multi-views, and pictorials. Evaluation is determined by completion of unit contracts. Industrial Tech 1 is a prerequisite course for ALL Industrial Tech Courses.

Students MUST pass all Safety Tests in order to take Industrial Tech 2.

INDUSTRIAL TECH 2

Elective

Course Length: 2nd Semester
Credits: 1

Prerequisite: Ind. Tech 1, Completion of all Safety Tests in Ind. Tech 1
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course will introduce students to units in pattern development, precision measurement tools, and squaring stock. Students will also be introduced to power tools. Students will then get the opportunity to use the tools and create a project.

INTRO TO RESIDENTIAL CONSTRUCTION

Elective
Course Length: 1st Semester
Credits: 1

Prerequisite: Industrial Tech 1 & 2
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is designed to prepare students for worksite experiences building residential homes. Students will learn construction technology and practices that are used in the home building industry. Units of study will include: construction materials, basic carpentry tools and safe operation, job safety, and job expectations. Students will also learn about constructing typical floor systems, wall systems, roof systems, and construction materials and practices used to enclose a home from the elements. Students will also have a lab unit on basic household electricity and will wire several basic electrical circuits. Evaluation is based on assigned written work, lab exercises, construction articles, and tests.

WOODWORKING

Elective
Course Length: 2nd Semester
Credits: 1
Fee Required

Prerequisites: Ind. Tech 1 & 2 and Res. Construction
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is a hands-on class with an emphasis in woodworking. Safe operation of woodworking equipment and basic woodworking construction techniques will provide the student with the knowledge and skills to build and apply finishes to woodworking projects. Evaluation will be based on assigned written work, tests, lab exercises, articles, student projects, and lab activities. Students are expected to pay for materials used in take-home projects.

SMALL ENGINE MECHANICS

Elective
Course Length: 2 Semesters
Credits: 2 (1 per semester)

Prerequisites: Industrial Tech 1 & 2
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course provides students with the opportunity to learn how to service and recondition small engines, typically emphasizing two- and four-cycle engines. Students are provided with opportunities to troubleshoot and repair speed controls, lubrication, ignition, fuel, power transfer, cooling, exhaust and starting systems; use hand, power and overhaul tools; and read and interpret service manuals and parts' catalogs. Applications may include lawn mowers, tractors, tillers, power tools and so on.

METALS/WELDING

Elective
Course Length: 1st Semester
Credits: 1

Prerequisite: Ind. Tech 1 & 2
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Intro to Welding will provide you the opportunity to learn about welding as an occupation and a possible career choice in the Welding Technician & Technology pathway. During this course, you will learn about various types of metal welding, brazing, flame cutting, arc welding, blueprint reading, electrical principles, welding symbols, and how to determine weld quality. Intro to Welding teaches knowledge of basic welding that is foundational within manufacturing pathways: Computer Numerically Controlled (CNC) Machining, Industrial Automation, Industrial Maintenance, Machining, Manufacturing Technician/Technology, Robotics, Tool & Die, and Transportation & Logistics.

DRAFTING/SOLIDWORKS

Elective
Course Length: 2nd semester
Credits: 1

Prerequisite: Ind. Tech 1 & 2
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Drafting, being a universal industrial language, is very important in every area of industrial education. Students considering careers in drafting, engineering, and machine trades would find this a valuable course. A great deal of class time during the first nine weeks will be spent learning how to operate and use the CAD program, Solidworks. During the second nine weeks, students will utilize the Solidworks program and its many features by studying units on orthographic projection, geometric construction, dimensioning, and sectioning to eventually create working drawings. The class reviews and introduces industrial practices. The class will encourage higher-level thinking skills for problem solving. Evaluation is based on assigned written work, tests, lab activities, drawings, projects, and portfolios.

ADVANCED WELDING

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: Ind. Tech 1 & 2, Metals/Welding
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Provides students with orientation to the welding profession and will cover the basics of safety and health within the welding profession. Focuses on proper weld safety, machine setup and welding techniques of Gas Metal Arc Welding Short-Circuiting Transfer. Students perform American Welding Society complaint welds on carbon steel, in flat, horizontal, vertical and overhead positions.

ADVANCED TECH

Must have Instructor and Principal approval.

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: Industrial Tech 1 & 2, Metals & Advanced Welding
OR Industrial Tech 1 & 2, Intro to Res. Cons. and Woods
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Students who register for this class must meet all of the prerequisites and be willing to write an individual plan of study for their occupational cluster interest. Up to 10 students (because of hardware requirements) could study in careers that would utilize CAD Systems. A limited number of students could study other opportunities in metals or woods. Students interested in this course must see the instructor about development of a plan of study before registering for the course. Students may opt to re-enroll in this course for additional credit, however, they must first meet with the instructor to identify how they intend to increase and enrich their skills and knowledge (Individual Education Plan.) Following the development and approval of the IEP, consent must then be obtained from the administration.

HCC AUTOMOTIVE ACADEMY

Automotive Academy courses will be offered based on availability of instructor and number of students registered. Courses offered may vary by semester.

HCC INTRODUCTION TO AUTOMOTIVE TECHNOLOGY

Elective
Course Length: 1/2 Semester
Credits: 1
College Credits: 2

Prerequisite: Jr. or Sr. Standing
Course Mark: Letter Grade
Applies to GPA: Yes
Offered: Fall 2026

Course Description: This introductory course provides an introduction to the many facets of the automotive industry to include: careers in the automotive industry, environmental concerns affecting the automotive industry, basic automotive hand tools, specialty tools, precision measuring tools, power tools and shop equipment, using service and shop manuals and shop safety.

HCC INTRODUCTION TO AUTOMOTIVE TECHNOLOGY II

Elective
Course Length: 1/2 Semester
Credits: 1
College Credits: 2

Prerequisite: Jr. or Sr. Standing
Course Mark: Letter Grade
Applies to GPA: Yes
Offered: Fall 2026

Course Description: This course includes the use of hand and power tools, the understanding of electronic repair information and the importance of preventative maintenance.

HCC GAS ENGINE REBUILD

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 4

Prerequisite: Jr. or Sr. Standing
Course Mark: Letter Grade
Applies to GPA: Yes
Offered: Spring 2027

Course Description: This course covers the theory of gas engines and the construction, diagnosis, and repair of all the systems. Fuel, ignition and supportive systems are also included.

HCC INTRO TO COLLISION REPAIR

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 4

Prerequisite: Jr. or Sr. Standing
Course Mark: Letter Grade
Applies to GPA: Yes
Offered: Fall 2027

Course Description: In this course students receive training on the proper handling of hazardous waste and EPA issues together with technical information about specific auto body safety and health situations. Specific training is provided in tools/equipment usage, parts assembly, filler application and straightening techniques. Students will also receive training in auto body welding.

HCC AUTOMOTIVE ENGINE REPAIR

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 4

Prerequisite: Jr. or Sr. Standing
Course Mark: Letter Grade
Applies to GPA: Yes
Offered: Spring 2028

Course Description: Basic theory of two-cycle and four-cycle gasoline engines and their application will be introduced. Disassembly, inspection and reassembly of an engine will be experienced as well as cooling, lubrication, induction, exhaust, compression and valve systems discussed. Students will develop competencies in precision measuring and services procedures.

PHYSICAL EDUCATION AND HEALTH

HEALTH

Required for sophomores
Course Length: 1 Semester
Credits: 1

Prerequisite: Sophomore
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course will be an informative course on personal health and fitness, giving the student facts to live a long, healthy life and achieve total fitness. The course will be preventive in nature. Areas of study include: building a healthy foundation; physical activity and nutrition; mental and emotional health; personal care and body systems; promoting safe and healthy relationships; growth and development; tobacco, alcohol, and other drugs; diseases and disorders; injury prevention; environment health; and sex education.

HEALTH 2

Elective
Course Length: 1 Semester
Credits: 1

Prerequisite: Health
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is a continuation of 10th grade Health. This course will be informative and preventative in nature. Areas of study include: mental/emotional health, consumer health, family life education, personal health, nutrition and fitness, substance abuse, and diseases and disorders. There will also be an emphasis on Health Careers. The students will be required to do 3 job experiences in health related fields throughout the semester.

PHYSICAL EDUCATION

*MORE INFORMATION ON THE SPECIFIC COURSES OFFERED CAN BE FOUND ON THE NEXT PAGE

Required each year
Course Length: 1 Semester
Credits: 1

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Students are provided the opportunity to acquire physical skills and knowledge they can use presently and in their adult lives. More emphasis is placed on physical fitness and wellness so that students can enjoy optimum physical, emotional, mental, and social health both now and beyond their high school years. Evaluation is based on a point system that shows how well students meet the guidelines of the class. Guidelines include: dressing for class, attitude, cooperation, participation, attendance, tests, and any written work assigned.

PHYSICAL EDUCATION AND HEALTH

PHYSICAL EDUCATION

STRENGTH/CONDITIONING AND AGILITY (ZERO HOUR)

Fulfills 1 Credit P.E. Requirement
Course Length: 2 Semesters
Credits: 1 (earned upon completion of 2nd semester)

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Times: Monday, Wednesday & Friday OR Tuesday, Thursday & Friday: 6:30-7:30AM

Course Description: Class that is catered to athletes/non athletes looking to get the most out of their athletic performance and/or fitness level. Athletes and students involved in a lot of extracurriculars have little time outside of school and practice to get a solid training session in the weight room. This would be a way to lighten a student's course load and place emphasis on the importance of resistance training. PE teachers would work hand in hand with coaches to ensure appropriate in and out of season training is taking place. This is a year-long class and cannot be added or dropped at semester.

STRENGTH/CONDITIONING AND AGILITY

Fulfills 1 Credit P.E. Requirement
Course Length: 1 Semester (Daily)
Credits: 1

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: Class that is catered to athletes/non athletes looking to get the most out of their athletic performance and/or fitness level. Athletes and students involved in a lot of extracurriculars have little time outside of school and practice to get a solid training session in the weight room. This would be a way to lighten a student's course load and place emphasis on the importance of resistance training. PE teachers would work hand in hand with coaches to ensure appropriate in and out of season training is taking place.

LIFETIME ACTIVITIES & FITNESS

Fulfills 1 Credit P.E. Requirement
Course Length: 1 Semester (Daily)
Credits: 1

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: In this course, students will explore a variety of physical activities that can be enjoyed throughout their lives. Emphasizing personal fitness and wellness. Students will develop skills in activities that promote lifelong health, balance, and mental well-being, with an emphasis on enjoying movement and staying active well beyond high school. The focus will be on improving individual fitness levels, learning strategies for injury prevention, and discovering fun, accessible ways to remain physically active as they grow older.

COMPETITIVE TEAM SPORTS/GAMES & CONDITIONING

Fulfills 1 Credit P.E. Requirement
Course Length: 1 Semester (Daily)
Credits: 1

Prerequisites: None
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: A positive social setting with competitive team sports and high expectations. Grading would be based on skill performance and activity level. Training days would include high intensity movements to more adequately meet the needs of the activities listed: Volleyball, Football, Basketball, Soccer, Floor Hockey, Kickball, Tabata, Weight Lifting, Ultimate Frisbee, Wrestling/ Kick Boxing, Badminton, Pickleball, Tennis, Running/Jogging, Table Tennis, Omniken Ball and Tchoukball.

HCC Intro to Health Professions, Nutrition, Medical Terminology, and Nursing Assistant will be offered based on availability of instructor and number of students registered.

HCC INTRO TO HEALTH PROFESSIONS

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 2

Prerequisites: Meet Concurrent Requirements
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course introduces the student to the health care system and provides an opportunity to explore a wide variety of health careers/professions. Content includes a broad overview of the State and Federal Regulations governing health care. Students will explore ethical and legal responsibilities within the health care system including expectations for professional behavior. Also included are the standards for HIPAA, Infection Control and Hazardous communication. Students will receive child and dependent adult abuse training and certification. Basic infection control protocols and vital sign skills will be conducted.

HCC NUTRITION

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: Meet Concurrent Requirements
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course will introduce students to the science of nutrition. The course will examine individual nutrients; their structure and function in the human body; nutrient composition of food; and selection of food to meet nutrient needs, maintain health and satisfaction. Students will understand and apply present day knowledge of nutrition to dietary patterns and needs of selected individuals and groups. The course is an advanced beginning course in human nutrition designed for students with a science background.

HCC MEDICAL TERMINOLOGY

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 2

Prerequisites: Meet Concurrent Requirements
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course presents the foundation necessary to develop a basic medical terminology vocabulary. Emphasis on the components of terms as related to each body system will be provided. The course further provides the student with the opportunity to properly spell, pronounce and utilize medical terms in relation to pathological conditions, tests, and procedures. Common medical abbreviations will also be discussed for each system.

HCC NURSING ASSISTANT

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: Meet Concurrent Requirements
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is designed to meet the training requirements of The Omnibus Reconciliation Act of 1987 (OBRA) for aides working in nursing facilities (NF) and skilled nursing facilities (SNF). Emphasis in the course is on students achieving a basic level of knowledge and demonstrating skills to provide safe, effective resident/client care.

CHARACTER DEVELOPMENT & LEADERSHIP

Elective

Course Length: 1 or Semesters
Credits: 2

Prerequisites: Sophomore, Junior
Or Senior Standing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course is designed to strengthen student character as well as personal and group leadership skills. This course will improve skills in public speaking, effective communications, human relations, group dynamics and character leadership traits. Evaluation will be based on character quizzes, participation in discussions, and overall character improvement.

STUDY HALL

ELECTIVE

Course Length: Every day or every other day for 1 or 2 Semesters.
Credits: None

Course Description: Study Hall is an opportunity for students to begin their homework here at school. It is expected to be a quiet time without disturbance or disruption. It is a time for students to get help when they have questions and to enhance their reading skills. Students may only have 1 Study Hall per day.

MUSIC

INSTRUMENTAL MUSIC

Elective
Course Length: 2 Semesters
Credits: 2

Prerequisites: Previous experience or
Director permission
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course meets daily during the school year. Instrumental music offers a curriculum to students who wish to achieve recreational and social values of music, as well as offering preparation for the students who wish to study music post high school. Student performances, improvement, and effort are all criteria that are used to obtain a high achieving grade. Students are expected to attend lessons, rehearsals, participate in solo/ensemble contest, large group contest, and all scheduled performances. Occasionally, the group will be asked to travel and guest perform at various locations.

Areas of Performance:

1. Band (1st, 2nd, 3rd, & 4th quarters)

This is the main section of instrumental music. Throughout the years, students in band class will shift focus around to the following groups: marching band, pep band, solo/ensemble contest, and optional jazz band.

The band as a group performs in the winter for the holiday concert, and in the spring at the pops concert and spring concert, as well as IHSMA Large Group Contest in May. In order to be in the following ensembles, you must be registered for band class.

- **Marching Band - 1st quarter**
Marching band rehearses during the regular class time when the football season is happening. They perform at every home varsity football game (Friday nights) and other various performances in the fall.
- **Pep Band - 2nd/3rd quarters**
Pep band occurs during the basketball season. They play at all the home double header (varsity girls and boys) games. The music consists of a mix of current hits, and well known older tunes. The pep band also plays for all the pep rallies that the school sponsors. This provides a means of support for athletic teams as well as serving as a positive publicity opportunity for the school district and community.
- **Jazz Band - 2nd/3rd/4th quarters (Not required to be enrolled in band class)**
Jazz band starts following the marching band season. Students must have approval of the director to be a part of this ensemble. A typical jazz band consists of saxophones, trumpets, trombones, and a rhythm section featuring drum set, guitar and piano. The group rehearses one morning a week before school. Students must commit to, and be responsible for, attending all rehearsals and performances.
- **Solo/Ensemble Contest - 2nd semester**
Each student enrolled in this class must perform a solo or play with an ensemble for the IHSMA contest in the spring. Students mainly learn this music on their own, with the aid of the director when asked. Students will receive a rating (Division I - Division IV) from a certified judge, along with comments on how to become more proficient on their instrument.
- **Individual Lessons - each student is to attend lessons throughout the semester**

VOCAL MUSIC

MIXED CHORUS

Elective for Grades 9-12
Course Length: 2 Semesters
Credits: 2

Prerequisites: Previous experience or interest in singing
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This self-select choir meets daily and performs repertoire of various eras, composers, and styles. Students will also have a chance to select and perform contemporary pop music. The main focuses of this course are acquiring basic vocal skills and knowledge, achieving personal and musical growth, having meaningful musical experiences, and performing choral music at a high quality.

Individual voice lessons are taken in conjunction with this course and focus on improvement of vocal technique through the performance of solo literature. Each student is given a vocal assessment once per quarter to track growth. Students are expected to regularly attend vocal lessons, rehearsals, and performances, as well as demonstrate a thorough understanding of the repertoire being studied. Students are evaluated on rehearsal etiquette (attitude, attendance, and focus), lesson participation, vocal/musical growth, and performance attendance. Occasional written exercises are also included in the student's evaluation.

****Additional groups may be formed based on student interest**

Areas of Performance:

1. Vocal lessons: Weekly lessons are scheduled during study hall or before or after school.
2. Mixed Chorus: Students must commit to and be responsible for attending all scheduled rehearsals and performances with positive attitudes and maintaining academic eligibility.
3. Concert Choir: Students must be enrolled in High School Mixed Chorus. Selection of membership is made through auditions at the beginning of the school year. Students must commit to and be responsible for attending all scheduled rehearsals and performances with positive attitudes and maintaining academic eligibility.
4. All students will be expected to perform at home concerts, Veteran's Day, NICL Vocal Festival, IHSMA large group festival, and graduation.
5. Students will have opportunities to participate in OPUS Honor Choir (9), All-State Choir, Real Men Sing, Women Sing, Meistersinger Honor Choir, Dorian Honor Choir, ISU Honor Choir, and IHSMA solo/ensemble.
6. The choral music department collaborates with the speech program to offer both large group and individual Musical Theater.

CRIMINAL JUSTICE

HCC Criminal Justice and Criminology will be offered based on availability of instructor and number of students registered.

HCC INTRODUCTION TO CRIMINAL JUSTICE

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: Meet Concurrent Requirements
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course examines the day-to-day operations of criminal justice in our society. Emphasis is on the inter-relationships of the components of law enforcement, the courts, corrections, and the juvenile justice system.

HCC CRIMINOLOGY

Elective
Course Length: 1 Semester
Credits: 1
College Credits: 3

Prerequisites: Meet Concurrent Requirements
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: This course explores the extent and causes of criminal behavior, analysis of crime in relationship to other social problems, and the nature of society's response to crime.

WATERLOO CAREER CENTER

[HTTPS://WWW.WATERLOOSCHOOLS.ORG/SCHOOLSITES/WCC/](https://www.waterlooschools.org/schoolsites/wcc/)

Information about the Waterloo Career Center:

19 Different Pathways are offered including:

- Advanced Manufacturing
- Agri-Science
- Beauty and Wellness
- Business and Marketing Management
- Criminal Justice/Police Science
- Culinary Program
- Digital Mass Media
- Early Childhood Education
- Electrical Construction Trades
- Fire Science/Emergency Medical Services
- Graphic Design
- Health Core
- Hospitality Management
- K-12 Teacher Education
- Networking, Web Development and Cybersecurity
- Plumbing Technician
- Power Tech Academy
- Pre-Nursing
- Sustainable Construction and Design

Please see the link below and visit the Career Center website to learn more about what each pathway entails and what specific courses are offered in each pathway. Please stop in the guidance office to see when each specific course within each pathway will be offered.

Waterloo Career Center Website: <https://www.waterlooschools.org/schoolsites/wcc/>

Waterloo Program of Studies Handbook: <https://www.waterlooschools.org/educationalservices/files/2024/11/Program-of-Studies-25-26-FINAL-ADA.pdf>

*Waterloo Career Center Information is on Pages 29-52

*Waterloo Career Center courses and information are subject to change. We do not contract with the WCC to offer courses that we already teach in our own building.

WATERLOO CAREER CENTER

[HTTPS://WWW.WATERLOOSCHOOLS.ORG/SCHOOLSITES/WCC/](https://www.waterlooschools.org/schoolsites/wcc/)

Courses offered in these programs are offered during 1 of 4 blocks. Blocks run daily and will run on this schedule for the 2025-2026 academic year.

- Block 1: 7:50-9:00 (1st and 2nd hour)
- Block 2: 9:30-10:40 (2nd, 3rd, and 4th hour)
- Block 3: 11:15-12:25 (4th, 5th and 6th hour)
- Block 4: 1:25-2:35 (6th, 7th and 8th hour)

Students can elect to take a course from the block that best fits with their schedule or can choose to take multiple courses over multiple block periods if schedule/credits allow. Not all courses are offered during each block. However, it is typical (although not guaranteed) for there to be at least one course from each pathway offered during each block. Most of the courses in the pathways can be taken in any sequence although there are a few that must be taken in a specific sequence with another course.

In order to register, we need to work with the Waterloo Career Center and most times with Hawkeye Community College as well. The majority (but not all) of Career Center courses are college credit courses. Registration deadlines for Waterloo Career Center courses are the same deadlines that we have for Hawkeye Community College courses. See page 6 for information on registration deadlines. You would be responsible for providing transportation.

For juniors and seniors, if you are interested in taking a course (or courses) from one of these programs, please see Mrs. Bauer to look at the specific courses offered in each block for your program of interest and to see how this course might fit into your schedule. Juniors can also look ahead at utilizing the Career Center for senior year course options as well as for junior year (if schedules/credits allow).

For interested sophomores, this would be for your junior or senior year but look at the options so you can plan ahead if this is of interest to you. See Mrs. Bauer with any questions.

SPECIAL EDUCATION CLASSES

For those students who have been identified by AEA 267 and have an Individual Education Plan (IEP).

Special Education classes at Jesup are student-centered programs that provide help for students to attain a level of achievement consistent with their academic, social, and physical potential. The process includes identification and assessment of special needs, developmental counseling, and individual instruction. Individualized instruction involves the modification of materials and teaching strategies in the areas of language arts, mathematics, social studies, science, vocational, and daily living skills. The programs provide a series of successful experiences in the areas of need that promote the growth of a more positive and realistic self-concept and thereby enhance the development of the individual's personality and character.

Each student in the SI classroom has been identified in accordance with state and federal regulations as having a specific need. The need is severe enough to require alternate curriculum to provide successful school learning experiences to these students. An Individual Education Plan (IEP) determines the specific content of each course. Individualization to accommodate student differences in these special classes include class discussions, computer activities, videos, DVD's, pictures, diagrams, oral readings, lectures, field trips, and study guides.

SPECIAL ED CLASSES WITH INTEGRATION (SI-LEVEL 2)

For students identified as eligible through evaluation

Course Length: 2 Semesters
Credits: 2

Prerequisites: IEP
Course Mark: Letter Grade
Applies to GPA: Yes

Voc English 1, 2, 3, 4
Consumer Math 1, 2, 3, 4
Vocations 1, 2
EBCE (2 credits/semester - for Jrs. or Srs.)
Functional Living

Gov't/Economics
General Science 1, 2
Earth Science
Environmental Science

DIRECT INSTRUCTION

For students identified as eligible through evaluation

Course Length: 2 Semesters
Credits: 2

Prerequisites: IEP
Course Mark: Letter Grade
Applies to GPA: Yes

Course Description: The emphasis is on helping the special needs student to better cope with school and life in general through remediation, adaptation, and compensation. Individual and small group instruction encourages interaction between peers and teachers in a learning atmosphere. Instruction and activities vary with the individual needs of the students. Learning strategies are taught to help the student achieve academic success and increase basic learning. Social, vocational, and daily living skills complement the academic curriculum. Students' progress in regular classes is monitored.

NAME: _____

Date _____

REASON FOR EARLY GRADUATION:

Students who feel they would like to graduate prior to completing 8 semesters in high school must be willing to comply with the following:

1. This form must be completed and turned in no later than the last day of the semester preceding the intended semester of graduation.
2. Students must have made an honest effort to secure a sound education during their previous and current years of HS. This decision will be left to the discretion of the administration and the Board.
3. Students must have met all requirements for graduation as prescribed by the State Department of Public Instruction and Jesup Community School.
4. A student must have a specific objective in mind, such as college, employment, or the armed services.
5. Students must, upon application, agree to accept the decision of the Board of Education as final.
6. Students who have received the approval of the Board may elect to remain a full-time student by enrolling for the next semester prior to the start of that semester.
7. Students who have received approval for early graduation and have completed all graduation requirements will be considered non-students after the diploma date.
8. All early graduates may elect to participate in the Commencement Exercises at the end of the regular school year. If the early graduate desires to participate, he/she will need to file a request with the principal prior to the end of the first semester, and to conform to school policies concerning commencement. Early graduate students are also eligible for Dollars for Scholars Scholarships offered the year they graduate.
9. For those graduating mid-year, with administrative approval, the student (and guest) may attend prom, as well as other 2nd semester dances, award programs (FFA, Athletic Banquet, etc.), after prom and grand march.

Signature of Student _____

Date: _____

Signature of Parent/Guardian: _____

Date: _____

Signature of Counselor: _____

Date: _____

Signature of Board Representative: _____

Date: _____

ADMINISTRATION

Chad Kohagen
Superintendent

Paul Rea
Principal

Kristen Bauer
School Counselor

The Jesup Community School District does not discriminate on the basis of sex, race, or physical disability in employment or in access to or participation in education programs and services. Inquiries concerning the application of this statement should be addressed to:

District Compliance Coordinator
Jesup Community Schools
531 Prospect St.
PO Box 287
Jesup, IA 50648
319-827-1700