



2025-2026



GLADBROOK-REINBECK HIGH SCHOOL COURSE DESCRIPTION HANDBOOK

GRADUATION REQUIREMENTS

All students are required to earn 55 credits of high school work in order to graduate. A credit is earned in a class meeting five times a week for one trimester. You will receive .5 credit per trimester for participation in band and chorus. All required courses failed must be made up. It is recommended this be done the following trimester or year.

The credits required for graduation must include the following:

SUBJECT	CREDITS
English	8 (Must include English 9, 10, and 11)
Mathematics	6
Science	6 (Must include Physical Science, Biology, Chemistry, Environmental Science)
Social Studies	6 (Must include American History, World History, Economics, and Government)
Physical Education	4
Health	1 (Must include 1 trimester of Health)
Life Skills or Personal Finance (includes Financial Literacy)	1 (Junior or Senior Year)
Fundamentals of Oral Communications , Communications , Public Speaking, or Business Communications	1
Other Electives Ag Business FCS Ind. Technology Foreign Language Art HCC Fine Arts Technology Internship	22 (Must include 1 trimester Fine Arts; 3 Vocational)
Total	55

*55 graduation credits for the class of 2023 and beyond

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Course Offerings

LANGUAGE ARTS

ENGLISH 9 -- Two Trimesters (Required)

English 9 integrates writing, literature, and speech. Students' reading includes fiction, nonfiction, poetry, drama, and supplementary novels, focusing on world varying perspectives. Students use the writing process to create various kinds of writing, incorporating MLA and APA styles.

ENGLISH 10 -- Two Trimesters (Required) - Prerequisite - English 9

English 10 thoroughly explores the writing process and a variety of literature forms. Students expand their writing skills from a simple summary to analytical essays and projects as well as journalistic writing. The forms of short story, poem, essay, drama, and novel are studied and analyzed in terms of their elements. Interpretation of these literature forms are made in written, oral, and project form.

ENGLISH 11 Two trimesters (Required) - Prerequisite - English 9 and English 10

English 11 uses the timeline of American literature for students to examine and participate in each literary form: fiction, nonfiction, poetry, and drama. Students will hone reading skills through the use of historical context analysis and literary theory. In addition, writing about American literature will emphasize the use of textual evidence to support ideas, as well as developing an appreciation for American literature by using various works as mentor texts for their own writing. This course will also provide a student choice project as well as extensive career and college research and planning.

APPLIED ENGLISH (11, 12) One trimester - Prerequisites- English 11

Applied English focuses on applied communications, both written and oral. Basic writing skills will be reviewed and applied to business, technical, and life skills writing, including application materials. Students will also read and discuss nonfiction texts related to personal development and life skills. This course is appropriate for seniors who will be attending a technical or community college or who will be going directly into the workplace. *A student will **not** be able to take Advanced Composition or if one has taken Career English.*

COMMUNICATIONS (11, 12) One trimester - Prerequisites - English 9 and 10

In Communications, we will focus on communicating with others orally and through writing in both formal and informal settings. This course also focuses on understanding your audience and knowing how to speak to different people. Audience and purpose will be the main components of our speeches/compositions, ranging from communicating in the workplace, on the stage, and in a variety of other settings.

READING WORKSHOP (11, 12) One Trimester - Prerequisite - English 9 and 10

In Reading Workshop, students will be asked to read choice books from a variety of

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genres. Students learn how to annotate, analyze, and discuss texts. Assessments will be in the form of reader's response essays.

WRITING WORKSHOP (11, 12) One Trimester - Prerequisites - English 9 and 10

Writing Workshop will require students to take the role of writer, reader, editor, and publisher. Students will create their own publications for a variety of purposes, fiction and nonfiction, and will also review and edit other students' works from any writer within the student body.

CREATIVE WRITING (11, 12) One Trimester - Prerequisite - English 11

Students will learn how to add voice and interest into their writing, a skill that will help them in their future writing endeavors. Students will learn how to use specific details, sensory details, and other techniques to make their writing more interesting and to entertain an audience. In this course, we will focus on narrative and observation writing. Students will be expected to write and revise several different writing samples throughout the trimester as well as share their work and thoughts in a community of writers.

PUBLIC SPEAKING

This would also fulfill the speech requirement to graduate from high school.

Description: Public Speaking courses enable students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

MATHEMATICS

ALGEBRA I – (9, 10, 11, 12) - Two Trimesters OR ALGEBRA 1 YR - Three Trimesters (2 credits for either track)

This course includes all major topics that are appropriate for the first course in Algebra. Topics included are formulas, equations, problem solving, graphs, logical thinking and the algebraic concepts necessary to study them. A notebook for homework and a calculator of some type will be needed. If purchasing a graphing calculator, a TI-84 plus CE **Python** is the one used in class.

GEOMETRY (9, 10,11,12) - Two Trimesters - OR GEOMETRY YR - Three Trimesters Prerequisite - Algebra I (2 credits for either track)

Geometry consists of pointing out the geometric aspects of our environment, developing an awareness of the logic of geometry, encouraging the independence of thought, and enabling the student to acquire a thorough knowledge of the facts of geometry needed for continued work in mathematics and allied subjects. A calculator,

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a notebook and graph paper are required.

ALGEBRA II (10,11,12) - Two Trimesters - Prerequisite -Algebra I and Geometry

This is the second year Algebra course which extends the skills and concepts taught in Algebra I. It fulfills the mathematical entrance requirements of most colleges. Areas of emphasis include: systems of equations and inequalities, radicals, matrices, functions (linear, quadratic, and polynomial), logarithms, rational expressions and equations. A notebook for homework and a calculator of some type will be needed. If purchasing a graphing calculator, a TI-84 plus CE **Python** is the one used in class.

CAREER PREP MATH (11-12) - Two Trimesters - Prerequisite - Algebra I

Career Prep Math covers material designed for career technical or general studies for students who need to study particular mathematical topics. Topics may include measurement, algebra, geometry, trigonometry, graphs, and/or finance. These are presented at an introductory level and the emphasis is on applications.

PRE-CALCULUS - Two Trimesters

Prerequisites - Algebra I, Geometry, Algebra II, and Trigonometry

This course will have four major subdivisions: Graph Theory, Statistics and Probability, Discrete Math, and Intro to Calculus. These four major topics will give a good background for the beginning math classes at college. A notebook for homework and a calculator of some type will be needed. If purchasing a graphing calculator, a TI-84 plus CE **Python** is the one used in class.

TRIGONOMETRY (11,12) - One Trimester

Prerequisite - Algebra I, Geometry and Algebra II

Students will use both triangular and circular trigonometric functions to model and solve problems. The course will also include many applications of trigonometry including oblique triangle laws, graphing, and polar coordinates. Some ACT preparation is also included. It is highly recommended that students take this course before taking Physics and Pre-Calculus. A calculator and a notebook are required.

APPLIED MATH (12) - One Trimester

This course is designed to present basic facts of arithmetic including whole numbers, fractions, decimals, powers, roots, English and metric measurement, ratio-proportion, percents, introduction to Algebra, and an introduction to Geometry. Instruction includes use of scientific calculators and emphasis is placed on critical thinking and problem solving skills. A notebook and scientific calculator are required.

AP Calculus AB (12) - Two Trimesters (5.0 GPA Scale)

AP Calculus AB focuses on students' understanding of calculus concepts and provides experience with methods and applications. Through the use of big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), the course

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becomes a cohesive whole, rather than a collection of unrelated topics. This course requires students to use definitions and theorems to build arguments and justify conclusions.

The courses feature a multi representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential. Teachers and students should regularly use technology to reinforce relationships among functions, to confirm written work, to implement experimentation, and to assist in interpreting results. A notebook for homework and a calculator of some type will be needed. If purchasing a graphing calculator, a TI-84 plus CE Python is the one used in class.

SCIENCE

Required Classes

PHYSICAL SCIENCE (9) Two Trimesters - (Required)

Physical Science introduces students to the subjects of physics and earth science. The first trimester concentrates on the physics concepts of motion, energy, work, forces, waves, light and sound. The second trimester will concentrate on Earth science topics including the processes that shape the lands and impact people, processes of the atmosphere and space science. Throughout the year the students will do labs and activities to stimulate learning and illustrate the concepts. This class is required of all students for graduation.

BIOLOGY (10) Two Trimesters - (Required)

This course gives the student a general overview of the study of life as we know it. It begins with the study of the basic unit of structure, the cell, and progresses through units on genetics, ecology, microbiology, plants, and animals including human biology.

CHEMISTRY (11,12) - Two Trimesters - Prerequisites - Algebra I (Chemistry A/Applied Chemistry Required)

Chemistry introduces students to matter and the changes it undergoes. The students start the year learning basic science skills and then dive into the atom. From there we introduce bonding and we look at ionic, covalent and metallic bonds. Then the students are able to look at chemical reactions and write the equations to describe the change. The next concept is stoichiometry, which is the math of chemistry. The students will learn the factor-label method that assists in all calculations. The last part of the year focuses on solids, liquids and gases and the different changes they can

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undergo. Students will be introduced to lab procedures throughout the year.

ENVIRONMENTAL SCIENCE (11,12) - One Trimester (Required) - Prerequisite - Biology

This is a one trimester course. Field studies as well as classroom work are combined to provide the main thrust of the dual ecology and environmental science theme. In this class areas of study include: General ecological principles, Population Demographics, Pollution, Global Climate Change, Wildlife Management, and various field study opportunities. Typically the class culminates with a canoe trip and fishing excursion.

Elective Classes

FORENSIC SCIENCE -ONE TRIMESTER (11-12) - Prerequisite: Biology

This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Through online lessons, virtual and hands-on labs, and analysis of fictional crime scenarios, students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions.

NEUROSCIENCE -ONE TRIMESTER (11-12) - Prerequisite: Biology

What does it mean to be human? How might emerging brain science change the answer? This course will allow you to relate the sense of perception and establish an understanding of the conscious mind. The applications of neuroscience have far-reaching implications for our self-identity, health, relationships, and social systems. Learn how the brain and nervous system underlie all human behavior, affect personal health and wellness decisions, and explore the current and future methods and technologies of neurosciences.

HUMAN ANATOMY & PHYSIOLOGY (11,12) One Trimester - Prerequisite - Biology

This is a one trimester course that involves a much deeper concentration of the parts of the human body and their functions. It is designed to give those students who are interested in pursuing a career in some medically related field exposure to topics they will cover in a post secondary program.

PHYSICS (12) - Two Trimesters - Prerequisite - Algebra II, Geometry, Trigonometry or with approval of teacher

Physics introduces students to the way matter behaves. Concepts covered in this class include motion, forces, work, energy, momentum, waves, light and sound. The LabPro system uses computers and sensors to take and analyze real-time data. These systems are used throughout the year to reinforce the concepts. This is a great class for any

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students interested in pursuing a science related field.

SOCIAL STUDIES

AMERICAN HISTORY (9,10,11) - Two Trimesters - (Required)

American History deals with the history of the United States from 1877 to the present. Emphasis is placed on the understanding of the development of the U.S. through the economic, social, and political areas. Close attention will be paid to the role of America in world affairs as well as examining how the economic conditions and policies have shaped the response of the Government and ordinary citizens. The course also deals with the importance of cause and effect relationships in history. A history research project will also be required.

WORLD HISTORY (9,10) - Two Trimesters - (Required)

World History is concerned with every part of the globe. We will study world politics, world wars, and rulers who sought to dominate the entire world. We will learn about world culture through their art, music, architecture and literature. A study of world history will help you to understand points of view and values that are different from your own.

AMERICAN GOVERNMENT (11-12) One Trimester - (Required)

The function and operation of American Government is examined at the national, state, and local areas in this one trimester course. We shall consider the ways in which the Government in this country is organized, the ways in which it is controlled by the people, the many things that it does, and the various ways in which it does them. Main focus is on the development of the three branches of government (Legislative, Judicial, Executive). A focus on the development and specifics of the Constitution.

ECONOMICS (11-12) - One Trimester - (Required)

This course is a theory approach to economics recommended for those students planning to attend college. This course deals with the macro and micro study of Economics in relation to different economies, production factors, and supply and demand.

Elective Classes

HISTORY OF FILM STUDIES (9,10,11,12) - One Trimester

Many students watch movies to learn about history, but how historically accurate are they? This course will help answer that question. Students will identify history movies that they are interested in watching. Prior to watching the movie, students will do basic background research on the main topic of the movie. After watching the movie, students will have open discussions and write responses to how accurate the movie was to the information they research beforehand. This course will focus on major class discussions and weekly written responses. If you are not comfortable participating in

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the class discussion and writing papers this class is not for you.

CURRENT GLOBAL ISSUES (9th-12th) – One Trimester

Curious about how global issues or conflicts are handled? Take this course to investigate current events going on in the world around us. Students will learn to think and communicate like a historian and investigate conflicts around the world including, but not limited to, economic, political, and geographical. They will learn to understand world issues from multiple perspectives by gathering and analyzing sources around the topic. After the initial investigation, students will collaborate with different audiences to communicate their findings and solutions.

GEOGRAPHY (9, 10, 11, 12) – One Trimester

This trimester course is an elective. Geography deals with the study of the earth and the ways people live and work on it. Students will learn the use of globes and maps in this course. They will study all of the major landforms and regions of the earth, along with the people that live in each particular area. Emphasis is placed on studying the different regions of Earth to study varying cultures and unique ways of life. Finally, natural hazards and disasters will be examined to explore real world ways geography is used as a career.

SOCIOLOGY (10th-12th) - One Trimester

Sociology deals with the study of human behavior in groups and emphasizes man's actions based on such things as values, family, customs, cultures, education, and other social institutions. Topics covered in this course include: race, social class, adolescent issues, and crime.

PHYSICAL EDUCATION/HEALTH

PHYSICAL EDUCATION (9,10,11,12) 12 trimesters (Required)

The Physical Education program has been established to provide the student with a wide variety of activities. It is the philosophy of the department to give all students the opportunity to acquire physical skills and knowledge that will be of use to them throughout their entire lives. In the regular PE classroom setting, being active, participating in individual and team units, is an expectation. The program also gives opportunities for those to develop a fitness based approach with consistent workouts with strength and conditioning units. The students will be graded on his/her preparation for the day, participation each class period, and overall sportsmanship in these activities within the class. All classes will meet every other day each trimester and will be pass/fail.

HEALTH (9, 10) One Trimester (Required)

Health is a one trimester, activity oriented health course designed to help students

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develop an awareness of physical and mental needs, the effects of alcohol, tobacco, drugs on the human body, human sexuality, self esteem, stress management, interpersonal relationships, and current health issues.

HEALTHY CHOICES (9,10,11,12) One Trimester - Heath Prerequisite

Healthy Choices is a health course which encourages students to not only learn about living well, but asks students to practice and live it. On a weekly basis, students will learn to prepare and taste a healthy food item. Mental and emotional health will also be part of the course. Outside agencies may be part of this course. Students may work on a project over the trimester which will be designed to positively influence others outside of the classroom.

FOREIGN LANGUAGE

SPANISH I (9,10,11,12) - Two Trimesters

Students will learn the basics of beginning Spanish with an emphasis on vocabulary. Class time is devoted mostly to practicing the language using reading, writing, listening, and speaking activities.

SPANISH II - Two Trimesters- Prerequisite - Spanish I (10,11,12)

Spanish II builds on what was learned in the first year. More vocabulary is introduced with an emphasis on speaking and listening comprehension. Reading, writing, listening, and speaking activities make up the majority of class time.

SPANISH III -Two Trimesters- Prerequisite - Spanish II (11, 12, Native speakers)

Students in this advanced class will learn to speak in the past tense as well as continuing to grow their vocabulary. In addition to writing, listening, and speaking activities, students will read some Spanish language books.

SPANISH IV - Two Trimesters - Prerequisite - Spanish III

This advanced class emphasizes reading and writing skills. Coursework will include reading several novels. There will be both individual and group projects and presentations.

BAND & CHORUS

(Fine Arts Classes)

BAND (9, 10, 11, 12) - Prerequisite - JH Band

The Gladbrook-Reinbeck Band is a performing instrumental group open to all high school students with prior experience in band (*students without prior experience or who play a stringed instrument must first get instructor permission to enroll*). This course provides the opportunity for each student to improve their technical skills in reading

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and performing music with others, while developing their sensibilities in interpreting music. Dual curriculum instruction also includes individual and/or group lessons. This course is co-curricular with athletic pep band performances at varsity FB and BB games. Concert performances and State Large Group attendance is required. Other optional performance opportunities include honor bands, university and college festival bands, and State Solo and Ensemble Contest.

Materials needed: [lyre with flip-folder](#) and at least 10 windows, maintenance supplies for your instrument (reeds, valve oil, cork grease, swabs, etc.), “Modern Metronome” phone app (free), “Bandmate Chromatic Tuner” phone app (free).

CHORUS (9,10,11,12)

The Gladbrook-Reinbeck Concert Choir is a performing vocal group open to all high school students. Students will work toward becoming independent musicians by learning tools of sight-singing and ensemble singing. Performances include a Fall Concert, a Winter Concert, the NICL Conference Vocal Festival, Large Group State Contest, a Spring Concert and Graduation. Repertoire will cover a range of styles from popular to classical. Chorus members may also participate in a musical every year (on stage or helping backstage), small group contest, and various chorus festivals held at area schools and colleges. Participation for the full year is recommended but not required. Suggested materials: Black binder 1”

All performing groups provide the opportunity for each student to improve vocally and to expand his/her knowledge of reading music, interpreting music, and performing music. Students have to attend group or individual voice lessons in a trimester.

ART

(Fine Arts Classes)

SCULPTURE (9,10,11,12) One Trimester - Prerequisite ~ 8th Grade art

3D will consist of demonstrations and projects done in three dimensions. Students will be working with multiple materials, large and small scale. This class will be divided up into the construction of multiple materials and pottery. Subjects like scale sizing, coil pots, slab pots, slab projects, sculptures out of clay, and bowls and plates on the wheel.

CRAFTS (11,12) One Trimester - Prerequisite ~ 8th Grade Art

Crafts will be a class for students looking to experience art in a lifelong way. Students will be learning how to create art by turning junk into gems for the first half of the trimester. The second half of the trimester will be personal craft projects.

STUDIO ART (11,12) One Trimester -By PERMISSION OF INSTRUCTOR ONLY -
Prerequisites - 2 or more art classes excl. Fundamentals of Art, Art 1, or 8th grade Art
This class is for advanced art students. Designed to give serious art students the

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opportunity to choose their own project ideas. Students who take this course should be hard-working, self-motivated individuals who have the responsibility to stay on task while working on their own ideas and projects. There are a set amount of projects expected to be completed by certain due dates within the trimester.

PHOTOGRAPHY (10,11,12) One Trimester - Prerequisite ~ 8th Grade Art

Photography will consist of an in-depth study of the techniques, materials, theory, aesthetics, and appreciation of photography. Students will learn how to use their phone as a professional camera, along with other digital cameras. Activities, projects, and knowledge about photography are covered during the course of the trimester.

DESIGN (11&12) One Trimester - Prerequisite ~ 8th Grade Art

Design will consist of learning the elements of design, their importance and how they are used. Things covered will range from commercial design, fashion drawing, web design, and much more. Students will get a chance to use drawing skills along with computer skills.

DRAWING (9,10,11,12) One Trimester - Prerequisite ~ 8th Grade Art

Drawing will consist of demonstrations and projects done in pencil, pastels, charcoal, pen/ink, marker and colored pencils. Students will get a chance to experiment with each type of medium and then will do projects with those mediums. Students will be learning about artists that use the above mediums.

PAINTING (10,11,12) One Trimester - Prerequisite ~ 8th Grade Art

Painting will consist of demonstrations and projects done in tempera, acrylic, oil paint, oil pastels, watercolors, and livestock markers. Students will get a chance to experiment with each type of medium and then will do projects with those mediums. Students will also be learning about artists who use each of the above mediums.

STAINED GLASS (11, 12) One Trimester - Prerequisite ~ 8th Grade Art

Beginning or advanced projects based on previous experience. Demonstrations in basic techniques (planning patterns, glass cutting, foiling, soldering, and use of lead came) for making window projects. Demonstrations will be done on etching glass (planning patterns, contact paper, cutting out design, and using etching cream). Students may be responsible for purchasing glass for their stained glass projects and mirrors and etching cream.

MURALS (11,12) One Trimester - Prerequisite ~ Painting & 8th Grade Art

Murals will consist of doing community murals throughout the trimester. Students will need to have taken painting class to understand the mixing process and painting process needed to be successful. Students will be learning the process of designing a mural, working with the community, scaling and much more involved with a mural.

Digital Art (9,10,11,12) One Trimester - Prerequisite ~ Drawing & 8th Grade Art

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Digital Art will consist of learning the process of drawing/creating on iPads. Students will be using Apple Pencils, Procreate, and other apps on the iPads. Projects will consist of creating new brushes, animation, designing posters, mandalas, portraits, and much more.

BUSINESS EDUCATION

(Vocational Classes)

LIFE SKILLS (12) One Trimester (Mandatory Requirement)

A unique course that will teach students many important life aptitudes from interviewing and job skills, financial literacy to household to basic cooking and clothing care. These personal skills are handy, and many times necessary, tools for making it on your own in the grown up world.

PERSONAL FINANCE (12) One Trimester (Option to fulfill Life Skills graduation requirement)

Understanding and managing personal finances are key to one's future financial success. This course presents essential knowledge and skills to make informed decisions about real world financial issues. Focus areas include, but are not limited to, all things credit, budgeting, comparison shopping, savings, insurances, taxes, investing/retirement and the stock market. Provides students with the knowledge and skills to manage financial resources effectively for a lifetime of financial well-being. Students will have the opportunity at the end of the course to pay to take a test to earn three college credits through University of Northern Iowa.

BUSINESS COMMUNICATIONS (11 & 12) One Trimester (Option to fulfill Communications graduation requirement)

Students will develop skills that are expected of professionals in any workplace in the 21st century. These skills will help them effectively communicate and interact with others, no matter which job or career path they choose. This course will cover a variety of business communication topics including workplace social skills. Students will demonstrate their understanding of Business Communication through class presentations, infographics, videos, notes, worksheets, group and individual projects, presentations, research, activities, team building activities, and assessments.

WORKPLACE SKILLS (10, 11, 12) One Trimester (REQUIRED FOR INTERNSHIPS)

This course introduces the concepts, tools, and strategies used to explore and obtain a job. A mock interview will be required. Students are introduced to workplace concepts in teamwork, conflict resolution, listening skills, and interpersonal relationships. This class will help you learn and practice the skills you'll need to be successful in the community and at work.

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Requirements: Interview clothing

GENERAL BUSINESS (9, 10, 11,12) One Trimester

General Business is a course that introduces students to the world of business and helps to prepare them for their economic roles of consumer, worker, and citizen. This course will also serve as a background for other business courses students may take in high school or college, assist them with consumer decision making, prepare them for future employment, and help them effectively perform their responsibilities as a citizen.

YEARBOOK (11 & 12) One, Two or Three Trimesters

Yearbook is a course that is designed to let students create the yearbook. Students need to be able to work well independently. Students will be required to attend a set amount of outside events to capture pictures for the yearbook. Priority will be given to juniors and seniors

FREE ENTERPRISE (10, 11, 12) One Trimester

This is a student run business out of the school. Students will “apply” for various roles within the business, including but not limited to CEO, manager, HR, accounting, marketing, etc.. Students will be graded based on weekly “employee performance reviews.” Students will be creating various things to sell, some ideas are custom t-shirts, custom epoxy tumblers, metal signs, cutting/charcuterie boards, key chains, ornaments, etc. Projects are determined based on sales and student interest.

Class is offered during Production Systems if you wish to do the creation of products in the shop

FAMILY & CONSUMER SCIENCE

(Vocational Classes)

LIFE SKILLS (11 & 12) (Required)

A unique course that will teach students many important life aptitudes from interviewing and job skills, financial literacy to household to basic cooking and clothing care. These personal skills are handy, and many times necessary, tools for making it on your own in the grown up world.

ADVANCED FOODS (9,10,11,12) - One Trimester. - Prerequisite Foods I

Students will learn about advanced food preparation techniques which may relate to appetizers, soups and sauces, salads, pastas, casseroles, and desserts. Students will also explore institutional-style food preparation. Students may also explore regional and cultural foods. Successful completion of Foods (C- or above) is required to take this course.

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SEWING &/or TEXTILE PROJECTS (9,10,11,12)/ADVANCED SEWING &/or TEXTILE PROJECTS - One Trimester

Students will become actively involved in making purchasing decisions as they plan their projects. Projects could include, but are not limited to, the following: sewing, knitting, crocheting, tatting or your ideas will be considered. School will provide sewing and embroidery machine and basic notions. All other supplies and tools must be furnished by the student. Number and types of projects will be determined on an individual basis. Encourages the use of critical thinking skills, responsible decision-making and management skills in making daily life choices. Successful completion of the Sewing &/or Textile Projects course (C- or higher) is required to be in the Advanced course.

CHILD DEVELOPMENT (9,10,11,12) One Trimester

Child Development is a trimester course about life. It encourages an understanding of all aspects of children's physical, intellectual, social, emotional, and moral development. We will start at the point of contraception, continue through pregnancy, the birth process, and then study the development of the baby once it is born. Students will be required to wear the empathy belly, along with taking the real-care baby home.

FASHION DESIGN (9,10,11,12) - One Trimester

Fashion Design brings to life the exciting world of fashion. Fashion design explores the fashion industry. Fashion design will help students become more fashion conscious by explaining how to use the elements and principles of design to their advantage, telling how to plan the best wardrobe for their needs and teaching how to shop and care for their clothes. You will be able to express your individual fashion through a blog, sketches and a project or two.

FOODS I (9,10,11,12) - One Trimester

Foods is a one trimester course. Students will practice basic food preparation skills, food sanitation & sanitation, food buying & storage, and meal management. The students will also use skills to make frozen meals to sell to consumers. Career opportunities in foods will be explored and job skills will be practiced.

HOUSING (9,10,11,12) - One Trimester

Housing is a one trimester course studying housing and interior design. Students will develop an appreciation of housing by examining housing styles, investigating issues regarding housing selection and the procedures involved in renting and buying a home. Students will develop knowledge of materials and methods used in home, furniture, home furnishings and appliance construction. The elements and principles of design will be applied to the development of good design while planning attractive, functional interiors and exteriors. Consumer purchasing of home furnishings will be emphasized as well as care and maintenance of housing and home furnishings.

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FOOD SCIENCE (9-12) - ONE TRIMESTER - Prerequisite - None What makes food react the way that it does? How do we keep humans safe when it comes to food? Did you know that every time you are making food that you are actually doing a science experiment? In this class, we will look at the science behind food. We will be making food, tasting food, and developing food that meets our nutritional needs and we will look at its impact on the environment. Special focus will be given to time in the lab as we look at the science behind food. Caution: This class is not for spectators!

INDUSTRIAL TECHNOLOGY

(Vocational Classes)

MASONRY (9-12) ONE TRIMESTER

Masonry courses enable students to learn to construct interior and exterior walls, columns, doorways, window openings, fireplaces, chimneys, and foundations from brick and concrete block. Along with other activities, students may mix and spread cement and mortar, read blueprints and plans, and estimate materials needed for a project. Other topics may also include how to layout buildings on footings and how to establish grades using a surveying transit.

WOOD PROCESSING (9-12) ONE TRIMESTER

Wood Processing/Production courses allow students to study the physical and chemical properties of woods and composites made from woods and to use these materials to construct usable products according to industry standards. These courses enable students to experience the process of translating an idea into a finished product, with instruction in planning, designing, selecting materials, and using tools and machines.

METAL PROCESSING (9-12) ONE TRIMESTER

Metal Processing/Production courses allow students to study the physical and chemical properties of metals and metal alloys and to use these materials to construct usable products according to industry standards. These courses enable students to experience the process of translating an idea into a finished product, with instruction in planning, designing, selecting materials, and using tools and machines.

ADVANCED PROCESSING (9-12) ONE TRIMESTER

Processing/Production—Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to processing and production. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.

INDUSTRIAL MAINTENANCE (9-12) ONE TRIMESTER

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Industrial Maintenance courses introduce students to the care and maintenance of a wide range of industrial equipment, including chain and gear drives, couplings, and fluid power equipment. Course topics may include lubricants and lubrication, the replacement of seals and bearings, and the correct application and selection of hand and power tools. Advanced courses may emphasize motor alignment using laser alignment, milling operations, turning operations, welding, technical drawings, and quality control.

PRODUCTION SYSTEMS (9-12) ONE TRIMESTER

Production Systems courses provide students with knowledge and skills related to manufacturing technologies from conception through production. Although courses vary, students typically analyze markets, design and develop prototypes, plan a marketing or sales strategy, manage a production plan, and manufacture useful products. These courses may also explore the evolution and impact of technology on society's social, cultural, and economic systems and institutions.

WELDING (9-12) ONE TRIMESTER

Welding courses enable students to gain knowledge of the physical and chemical properties, uses, and applications of various metals. Students gain skills in various processes used to join and cut metals (such as oxyacetylene, shielded metal, metal inert gas, and tungsten arc processes) and experience in identifying, selecting, and rating appropriate techniques. Students read and interpret blueprints in order to identify, select, and rate appropriate techniques. These courses may prepare students to pass relevant industry certifications.

PRODUCT DEVELOPMENT (9-12) ONE TRIMESTER

Product Development courses provide students with the opportunity to focus on one or more areas of industrial technology to design or redesign a product to solve a problem. Students may build prototypes and working models and may evaluate the product and process according to industry standards.

INTRO TO DESIGN (CAD) (9-12) ONE TRIMESTER

Drafting—General courses introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications and then refine the skills necessary for this craft. Drafting—General courses use exercises from a variety of applications to provide to students the knowledge and experience to develop the ability to perform freehand sketching, lettering, geometric construction, and multiview projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems (if available) are typically introduced and used to fulfill course objectives.

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CNC MACHINING (9-12) ONE TRIMESTER

Machining courses enable students to design and manufacture metal parts using various machine tools and equipment. Course content may include interpreting specifications using blueprints; preparing and using manual and computer numerical controlled (CNC) lathes and milling machines, shapers, and grinders with skill, safety, and precision; maintenance; developing part specifications; and selecting appropriate materials. Advanced course topics may include quality control; statistical process control; and application of measurements, metalworking theory, and properties of materials. Courses may prepare students for industry certification.

CARPENTRY (9-12) ONE TRIMESTER

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

CONSTRUCTION (9-12) ONE TRIMESTER

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

DRAFTING - ARCHITECTURAL (9-12) ONE TRIMESTER

Drafting—Architectural courses introduce students to and help them refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from architectural applications. These courses are intended to help students develop general drafting skills, but place a particular emphasis on interior and exterior residential (and light commercial) design, site orientation, floor plans, electrical plans, design sketches, and presentation drawings. In addition, students may prepare scale models.

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TECHNOLOGY

(Vocational Classes)

MULTIMEDIA (9, 10, 11, 12) One Trimester

Multimedia provides students with hands-on experience with current technology in the marketplace and its application in information technology. A wide range of current hardware and software will be explored. Students will use their creativity and skills to create and edit interactive multimedia with focus areas being coding, web design, video editing, app development, etc. Students will cover various content in the Google Suite. The knowledge and skills acquired in this class will enable students to successfully perform and interact in today's technology-driven society.

COMPUTER SCIENCE PRINCIPLES (10, 11, 12) One Trimester

Students will learn about what computer science all entails. They will work with data, collaborating to solve problems and develop computer programs. We will cover many concepts including how a computer works, artificial intelligence, scratch and end with hard coding.

VOCATIONAL AGRICULTURAL EDUCATION

(Vocational Classes)

AG 1: INTRODUCTION to AGRICULTURE (9,10,11,12) - One Trimester

This class is intended for students who have not taken any agriculture classes, although any may enroll. This class is designed to acquaint students with the basic knowledge of agricultural education, focusing on the ag industry, FFA, parliamentary procedure, SAE, and exploratory agriculture within the fields of: animal and crop production, horticulture, and natural resources.

PLANT SCIENCE (9,10,11,12) - One Trimester

This course is designed to present knowledge and skills in the many areas of horticulture. Instruction will be provided in; plant anatomy, physiology, propagation, agronomy, soil science, pest management, and other related topics. Students will have

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the opportunity to work inside the greenhouse and be able to perform agriscience experiments.

ANIMAL SCIENCE (9,10,11,12) - One Trimester

This course is designed to serve any student with an interest in animal management and its related occupations. The following materials will be covered: careers in animal science, procedures and practices in selecting, raising, and marketing livestock, animal products and their uses, and current events in animal agriculture. Time will also be spent on animal rights and welfare viewpoints, as well as livestock evaluation. Major topic time will be spent on the following species: swine, beef, dairy, poultry, horses, sheep and goats.

WILDLIFE MANAGEMENT (10, 11, 12) - One Trimester

This class will deal with wildlife species, natural resources and the management strategies utilized to balance those with agriculture. Extensive time will be spend on wildlife species and habitat within the state of Iowa and the United States. Topics to be covered include habitat, habitat management, wildlife species, predation, carrying capacity, wildlife populations, wildlife-based recreation, and wildlife regulations.

PLANT PRODUCTION (10, 11,12)

This class will go more in depth into the production of field, fruit, and vegetable crops and work with designing floral displays. Students will be given the opportunity to work hands-on in the greenhouse with growing and maintaining production crops and ornamentals in the greenhouse. Projects may include experiments with different plant types, soil and fertilizer, plant sale management, and plant breeding.

AGRICULTURE LEADERSHIP DEVELOPMENT (11,12) - One Trimester

This course offers a look at the last line of the FFA Motto, "Living to Serve." It offers a broad look at what leadership is and why it is important. The class will provide an opportunity for students to participate in and design a service learning project for the community. Topics include: leadership, volunteerism, self-concept, motivation, group dynamics, communication, team building, decision making, parliamentary procedure, and conduct of meetings.

AGRICULTURAL PROCESSING (10,11,12) – One Trimester

This course is designed with the "farm to table" concept in mind. This class offers students an opportunity to study the agricultural industry in a fashion they rarely get the opportunity to - processing. Students will explore the processes, regulations, and career opportunities associated with turning agricultural commodities into consumer products. Time will be spent on safe and effective harvest, food safety and sanitation,

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quality and yield grades, hands-on meat processing, packaging and labeling, and food preservation.

AGRIBUSINESS MANAGEMENT (10,11,12) - One Trimester

This class focuses on the opportunities in the largest area of the agricultural industry. This course emphasizes basic economic concepts, basic financial concepts, and functions of business, business technology, and career preparation. Students will be exposed to various aspects of the agribusiness world. Such topics to be discussed are: business structures, business offerings, business financial transactions, business health, risk analysis and prevention, and business plan development. Students will also be exposed to various careers in agribusiness.

VETERINARY SCIENCE (10,11,12)-One Trimester

Veterinary Science examines the health side of working with animals. We will look into the anatomy and physiology of livestock and companion animals (dogs, cats, etc). Care and treatment of animals will be discussed as well. Topics covered will include animal anatomy and physiology, veterinary terms, clinical procedures, hospital procedures, animal behavior and management, and medication administration. Potential for trips to farms, visits with veterinarians, and working with animals.

CEDAR VALLEY WEST INTERNSHIP/WORK EXPERIENCE (11, 12) - Offered every trimester - Prerequisite: WORKPLACE READINESS (10, 11, 12) One Trimester

An internship is an opportunity for students to have a career focused experience during which students become directly involved in a local business. This experience provides an opportunity for a student to apply the skills obtained in high school to real work situations, and to learn additional skills. An internship will also help students define career goals. The CVW Internship course combines online classroom activities and site based training/meetings. Students intern at least 1 class period up to 3 class periods hours per week for 12 weeks. Students also complete class assignments and learn workplace readiness skills through classes taught by the internship instructor. Students are carefully placed with businesses that provide them with an opportunity to explore careers in their personal area of interest. Students are responsible for transportation to internship sites. Additionally it is recommended that if students have an area of interest they take courses aligned with industry available at the high school or Western Outreach Center.

EAGLE

EAGLE (9, 10, 11, 12) -- Available Each Trimester for Identified EAGLE Students

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Students may choose to take this course one, two, or three trimesters through the year. We will focus on higher-order thinking activities and challenges. Each trimester will consist of a different blend of topics: teacher instructed projects, independent study, college and career readiness, and exposure to different forms of technology and/or coding.

HAWKEYE COMMUNITY COLLEGE WESTERN OUTREACH CENTER COURSE OFFERINGS -- ALL DEPARTMENTS

In order to enroll in the following classes, students must have obtained the required ACCUPLACER and Iowa Tests of Educational Development scores by the deadlines specified by Hawkeye Community College.

COMPOSITION I (11, 12) - One Trimester

This course develops students' writing skills by emphasizing fluency, organization, the use of supporting details, and research techniques. Writing is approached as a recursive process that includes pre-writing strategies, drafting, revising, and editing. The course helps students define a sense of audience and purpose in their writing.

COMPOSITION II (11, 12) - One Trimester

This course aims to review and extend writing principles learned in Composition I to analytical, argumentative, and research-based writing. This course emphasizes critical reading, evaluation, and precise and responsible source citation.

INTRODUCTION TO LITERATURE (11, 12) – One Trimester

This course is designed to introduce students to three genres of literature: short story, poetry, and drama. It will emphasize understanding both the possibilities and the limitations of various types of literature, willingness to share interpretations, relate awareness of literary structure of his/her analysis of selected literary pieces, and different methods of critical analyses.

ART APPRECIATION (11, 12) - One Trimester

This course examines the value, aesthetic pleasures, structure, function, and history of art. The course explores sculpture, painting, film, drawing, printmaking, photography, ceramics, and architecture. Field trips to galleries allow students the opportunity to personally experience significant visual art.

FUNDAMENTALS OF ORAL COMMUNICATION (11, 12) - One Trimester

This course presents elements of the oral communications process with emphasis in developing interpersonal, small group, and public speaking skills. Students will be involved in activities

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that provide opportunity for the understanding and improvements of their oral communication skills.

INTRODUCTION TO PSYCHOLOGY (11, 12) - One Trimester

This elective one trimester 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.

INTRODUCTION TO SOCIOLOGY (11, 12) - One Trimester

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

MATH FOR LIBERAL ARTS (11, 12) - One Trimester

This course satisfies the minimum general education requirement for math. The course is designed to impart math skills which are helpful in everyday life as well as expose students to areas of mathematics they may not have seen before. Topics include problem-solving skills, set theory, algebra, consumer mathematics, probability, and statistics. Students must have a qualifying ACT or compass test score.

PRINCIPLES OF ENGINEERING TM (10, 11, 12) - One Trimester

This is the second of three foundation courses offered through Project Lead the Way. This course explores technology systems and manufacturing processes and addresses the social and political consequences of technological change.

INTRODUCTION TO STATISTICS (11, 12) - One Trimester

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.

WESTERN CIVILIZATION I (11, 12) - One Trimester

This course traces the development of Western Civilization from prehistory to 1300 C.E., the end of the High Middle Ages. The role of the Humanities is emphasized. The course explores major political, social, economic, scientific, intellectual, cultural, and religious developments contributing to Western societies.

PRINCIPLES OF AGRONOMY (11, 12) – One trimester

This course presents introductory principles of plant-soil-climate relationships in crop production, plant anatomy, crop plant classification and identification, crop physiology, climate, soils, soil water, tillage and seeding, plant breeding, seed and grain quality, weeds, insects, crop diseases, crop management, harvesting and storage. Global Positioning and Geographic Information Systems in crop systems is discussed.

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PRINCIPLES OF HORTICULTURE (11, 12) - One trimester

This course provides students with an overall view of how man utilizes horticulture plant materials. Topics covered are fruits, vegetables, ornamental plants and their proper use and care. Proper culture and environmental conditions are also included.

INTRODUCTION TO HEALTH CAREERS (11, 12) – One trimester

This introductory course is designed to provide the student with an exploration of a variety of health careers/professions, some basic health care principles and skills, and certification in CPR, First Aid, Mandatory Reporter Training for Child and Dependent Adult Abuse, and Blood Borne Pathogen Training.

NURSING ASSISTANT (11, 12) –One trimester

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. This course parallels PNN-132 Nursing Fundamentals I.

MEDICAL TERMINOLOGY FOR HEALTH SCIENCES (11, 12) – One trimester

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. The utilization of a medical dictionary will also be a focus.

ANIMAL SCIENCE (11, 12) – One trimester

This class is an overview of the factors that define contemporary ethical and scientifically based issues facing animal agriculture. Life skills development will be incorporated.

WORD PROCESSING (11, 12) - One trimester

This course will provide word processing concepts, terminology, and experience producing entry-level and advanced documents found in typical business offices. The major focus of the course is on mastery of word processing functions and concepts.

INTRODUCTION TO ACCOUNTING (11, 12) - One trimester

This course covers the terminology, concepts, and procedures involved in financial accounting for businesses. Topics include accounting for cash and accounting for payroll.

SPORTS MARKETING (11, 12) - One Trimester

This course will explain the basics of sports marketing, research, and delivery.

WORK-BASED LEARNING - EXPLORING CAREERS (10, 11, 12) - One Trimester

This course will provide guidance in choosing a career goal and preparing for employment. Emphasis will be placed on identifying interests, abilities, and values, and exploring options for careers. Students will learn how to access labor market information and employment trends.

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Additionally, students will develop the skills and aptitudes necessary to obtain employment, emphasizing the development of characteristics associated with job success. This course can be taken for 1 – 3 credits.

WORK-BASED LEARNING - EMPLOYABILITY SKILLS (10, 11, 12) - One Trimester

This course is designed to assist students in developing the skills necessary to obtain employment and to learn and practice the skills and attitudes required for job success. Students will practice resume writing, job application completion, and interviewing techniques. Additionally, students will practice workplace problem solving strategies, and demonstrate skills required to work in a diverse environment. This course can be taken for 1 – 3 credits.

MACHINE TRADE PRINT READING 1 (11, 12) - One trimester

This course provides the student with the necessary knowledge to read and interpret basic prints used in the machining industry. It covers terminology, line-types, and drawing interpretation. First and third angle orthographic projection, dimensioning methods, and tolerancing are the major topics covered.

INTRODUCTION TO CNC PROGRAMMING 1 (11, 12) - One trimester

In this course students will create basic programs for CNC mills. Student will use a plain ASCII text editor (like Notepad) to input basic industry standard G and M code programs. Programs are run on verification software to ensure accuracy. Speed and feed calculations, operator notes and start-up lines, mill tooling types and procedures, rectangular coordinates, canned (drill) cycles, and file management are other areas of study.

INTRODUCTION TO CNC PROGRAMMING 2 (11, 12) - One trimester

In this course students will create programs for CNC mills using cutter diameter compensation, sub-routines, and sub-programs. Students will also write start-up lines and basic level programs on CNC lathes. Students will use a plain ASCII text editor (like Notepad) to input basic industry standard G and M code programs. Programs are run on verification software to ensure accuracy. Lathe tooling, typical turning procedures, cutter nose radius compensation, and tip orientation are other areas of study.

NUTRITION (11, 12) - One Trimester

This course continues the study of food nutrients and body utilization for good health. There is emphasis on special diets, food exchanges, socio-economic and cultural implications of nutrition.

Continuous Notice of Nondiscrimination

It is the policy of the Gladbrook-Reinbeck Community School District not to discriminate on the basis of race, color, national origin, sex, disability, religion, creed, age (for employment), marital status (for programs), sexual orientation, gender identity and socioeconomic status (for programs) in its educational programs and its employment practices. There is a grievance procedure for processing complaints of discrimination. If you have questions or a grievance related to this policy please contact Anjuli Myers, Co-Equity Coordinator, 600 Blackhawk Street,

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Reinbeck, IA 50669. Telephone: (319) 345-2921. Email: anjuli.myers@gr-rebels.net; or, Shaun Lehmann Co-Equity Coordinator, 300 Cedar Street, Reinbeck, IA 50669. Telephone: (319) 345-2822. Email: shaun.lehmann@gr-rebels.net.

Annual Notice of Nondiscrimination

The Gladbrook-Reinbeck Community School District offers career and technical programs in the following areas of study: Agriculture, Industrial Technology, Business, and Family & Consumer Sciences. It is the policy of the Gladbrook-Reinbeck Community School District not to discriminate on the basis of race, color, national origin, sex, disability, religion, creed, age (for employment), marital status (for programs), sexual orientation, gender identity and socioeconomic status (for programs) in its educational programs and its employment practices. There is a grievance procedure for processing complaints of discrimination. If you have questions or a grievance related to this policy please contact Anjuli Myers, Co-Equity Coordinator, 600 Blackhawk Street, Reinbeck, IA 50669. Telephone: (319) 345-2921. Email: anjuli.myers@gr-rebels.net; or, Shaun Lehmann, Co-Equity Coordinator, 300 Cedar Street, Reinbeck, IA 50669. Telephone: (319) 345-2822. Email: shaun.lehmann@gr-rebels.net.

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Core Course Offerings by Subject

English *English 9 A & B *English 10 A & B *English 11 A & B Applied English Reading Workshop Writing Workshop Communications College Ready Reading & Writing Comp 1 - HCC Comp 2 - HCC Fundamentals of Oral Communications - HCC Introduction to Literature - HCC	Social Studies *American History A & B *World History A & B *Economics *Government Geography Current Global Issues Psychology Sociology Historical Film Studies US History BEFORE 1877 - HCC US History AFTER 1877 - HCC Psychology - HCC
Science *Physical Science A & B *Biology A & B *Chemistry A (required) & B *Applied Chemistry *Environmental Science Physics A & B Anatomy Forensic Science Neuroscience Anatomy & Physiology I - HCC Anatomy & Physiology II - HCC	Mathematics Algebra I A, B, or Algebra 1 YR Geometry A, B, or Geometry YR Algebra II A & B Precalculus A & B Trigonometry Career Prep Math A & B Applied Math Calculus AB A & B Introduction to Statistics - HCC
PE & Health *Physical Education A, B, or C Zero Hour PE *Health I Healthy Choices	Spanish Spanish I A & B Spanish II A & B Spanish III A & B Spanish IV A & B

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Career & Technical Course Offerings

FCS	Business	Ag	Industrial Technology
*Life Skills Foods Advanced Foods Child Development Fashion Design Sewing Projects Introduction to Education Food Science	*Life Skills *Personal Finance Yearbook Multimedia General Business Computer Science Introduction to Accounting - HCC Sports Marketing - HCC Workplace Readiness - HCC	Intro to Ag Natural Resources Agribusiness Ag Issues Animal Science Ag Leadership Plant Production Intro to Horticulture Survey of Animal Industry - HCC Horticulture - HCC Farm Business Management - HCC	Wood Processing Advanced Processing CNC - Gcode Metals Processing Welding Construction Intro to Design Production Systems Industrial Maintenance Carpentry Masonry Architecture Machine Trade Print - HCC Intro to CNC I & II - HCC

Fine Arts Course Offerings

Chorus A, B, & C	Band A, B, & C	Sculpture Crafts Studio Art Photography Design Drawing Digital Art Painting Stained Glass
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