

KEOKUK HIGH SCHOOL



Course Catalog

2023-2024



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Dear Students, Parents, and Staff of the Keokuk High School,

The purpose of this guide is to help students make educated decisions concerning course selections for the upcoming year. It is important to use this booklet in developing an overall plan for a student's entire high school career. Each class a student chooses should work toward the goal of graduation and attaining a high school diploma.

At Keokuk High School, we are focused on students selecting a career area that will satisfy and challenge them as adults. Students register for classes as part of an educational investment in attaining this goal. We are not advocating for the selection of a specific career, but rather in an area of interest. Looking at the job trends over recent years, we realize that many of the jobs students will be competing for in the future do not even exist today. At Keokuk High School we are continually adjusting our programs and classes to better prepare our students for the 21st century.

Keokuk High School values college and career readiness and focuses on providing students with information on educational investments they will need both in high school and beyond. Having a vision in your future and what it takes to get there is crucial in obtaining a career past high school. It is our hope that Keokuk High School will provide students with the challenges and rewards that will make them productive, well-balanced, successful citizens in the society of tomorrow.

Nathan Harrison, Principal
Keokuk High School

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MISSION STATEMENT

Keokuk Community School District provides an educational foundation where students are active participants in becoming adaptable and critical thinkers along with achieving the skills necessary (academic/vocational) for lifetime success.

ACCREDITATION

Keokuk High School is operated under the authority of the Keokuk Community School District and is accredited by the Department of Education of the State of Iowa.

GENERAL INFORMATION

PREREQUISITE

The availability of a course to a student is subject to the grade level restrictions and prerequisites placed on each course. It is not general practice to allow a student to take a course if a prerequisite has not been reached.

SPECIAL STUDENT STATUS

The principal may grant a special student status in cases of extraordinary circumstances. The granting of this special status allows a student to enroll for a limited schedule (Less than five subjects plus physical education).

Examples of extraordinary circumstances:

1. A mother/father returning to school
2. Medical Reasons (including sudden or extreme physical or mental health)

TRANSFER STUDENTS

Students transferring to Keokuk High School will have their transcripts evaluated by the Guidance Center. Recommendations will then be made to the principal regarding the course of study and requirements needed for graduation.

HOME STUDY

Home study is an educational option when extreme health or social problems prevent students from attending regular classes.

Students seeking a home study program should confer with their counselor; however, all home study placements must be approved by the principal. Lab courses do not qualify for home study. Additionally, students will be required to arrange regular appointments for conferences with teachers to maintain home study status.

EARLY GRADUATION

Early graduation (completion of all high school requirements in less than 8 semesters) is not a practice that is promoted or discouraged. It is viewed as a possibility that may exist for those particular students who have special needs or abilities that may be met by such a course of action.

Any student anticipating early graduation is required to discuss the intention and purpose for a request with the principal and guidance counselor. Students anticipating early graduation should file a Mid-Year/Early Graduation form with their counselor by the end of the first quarter of the student's last semester. Parental involvement is imperative. Any student graduating early (meeting all graduation requirements) will be awarded a diploma at the next regular commencement exercise. Upon request, the school will provide the student with a letter attesting to fulfillment of requirements as soon as they have been satisfied.

FEES AND FINANCIAL ASSISTANCE

Textbook rental fees are set annually by the Board of Education. Special course fees may also be established. These fees will be collected in each course. Students whose families meet the income guidelines for free and reduced-price lunch, the Family Investment Program (FIP), Supplemental Security Income (SSI), transportation assistance under open enrollment, who are in foster care or whose families are experiencing temporary financial complications are eligible to have their student fees waived or partially waived. Parents or students should contact the building principal for a waiver form. This waiver does not carry over from year to year and must be completed annually. Students in need of financial assistance for class fees, medical conditions, counseling, activities, or clothing may consult with teachers, counselors,

social workers, or the building principal. At the high school level, the principal may authorize the use of the Aldrich Trust or other funds to assist students in need.

In addition, a number of funds have been established to assist students and families with medical, clothing, and counseling needs to help students participate fully in school. These funds assist students in all grades, K-12. Parents and students may make inquiries to teachers, counselors, or building principals.

SPECIAL PROGRAMS

In accordance with the Iowa Department of Education, the principal may consider the granting of credit towards graduation by examination, independent study, extension, or correspondence courses. The principal may also authorize special programs for students in career exploration or community service. Waivers for special programs originate with the Guidance Center and require the approval of the principal.

SEMESTER EVALUATIONS

Semester evaluations serve as the focal point of what is most important in each course. Each course offered provides skills or knowledge that a student should learn or retain. Semester evaluations may be given the last two days of each semester.

GRADES/GRADE POINT AVERAGE- CLASS RANK

Grades are an evaluation of the level of learning that a student has acquired in a course. They become part of a permanent record. Institutions of higher learning, potential employers, and the various military services are all interested in students' high school records. Students are evaluated according to scholastic performance at the end of each semester. Courses awarding letter grades and meeting for one period, five times a week for a semester will award one credit for all letter grades of "D" and above. A 4.0 scale (A-4.0, B-3.0, C-2.0, D-1.0, F-0.0) will be used to calculate grade point average (GPA) for all courses awarding credit. The calculated grade point average (GPA) will be used for the official permanent transcript, class rank, extra-curricular eligibility, honor rolls, all local academic awards, and membership in the National Honor Society.

HONOR ROLL

To be eligible for the Honor Roll a student must have a 3.0 grade point average or above. Students enrolled in three (3) or more general subjects will be eligible for quarter and/or semester honor rolls. Grades earned in courses taken under the PACE guidelines are included in the honor roll, grade point average, and class rank. Course work taken outside the regular program does not apply to the honor roll, grade point average, and class rank. A student receiving an incomplete grade or an “F” in any subject is not eligible for inclusion on the honor roll. The grade point average (GPA.) is calculated by dividing the total grade points by the number of courses that have letter grades (A, B, C, D, F). Unweighted grades will be used for calculating the grade point average (GPA) for the honor roll.

ACADEMIC HONORS

Honor Students

Students earning a 3.0 grade point average or higher for their high school career will be designated Honor Students. These students will be recognized at Class Day and Commencement.

Maud Marshall Hassall Award

The Maud Marshall Hassall Award is supported by a trust fund. The award was established December 12, 1955 by the Board of Directors. The Maud Marshall Hassall Award is given to the graduating senior who has maintained the highest grade-point average while enrolled for four years at Keokuk High School.

Kilbourne Prize

The Kilbourne Prize was established by a trust fund in 1887. The first Kilbourne Prize is awarded to the student in the graduating class who receives the highest grade-point average and the second Kilbourne Prize is awarded to the student in the graduating class who receives the next to the highest grade-point average. In the event of a tie for the highest honors no second prize is awarded. Only those students attending Keokuk High School three full years shall be eligible to receive either of these awards.

President's Award for Educational Excellence

Keokuk High School participates in the President's Award for Educational Excellence when sponsored by the United States Department of Education. This award may not exceed five (5) percent of the enrollment at the exit grade.

Presidential awards will be made to graduating seniors who meet the following criteria:

Attained an A- average or equivalent accumulated over grades 9, 10, 11, and the first semester of grade 12. The A- average is defined as equivalent to 3.5 on a 4-point scale.

Received a score in the 11th and 12th grade, placing them at or above the 85th percentile on any nationally standardized college admissions examination such as the SAT or ACT. (The school may decide which composite norm to utilize.) Test must be taken by end of first semester of senior year.

Earned 24 credits in the following five subjects: English, math, science, history, and geography. Students must take 24 credits in any of these areas, but need not take a course in each area. All graduates will now meet these criteria.

CAREER PLANNING

WHAT IS CAREER FOCUS PLANNING?

Career Focus Planning is an educational approach which helps students focus their education toward career development while allowing flexibility. The six career pathways identified within this Academic and Career Planning and Course Description Guide are clusters of occupations or careers that have been grouped based on similar interests that people share. Each career pathway includes a sequence of courses which have common foundational skills (core academic, thinking, personal qualities) and varying specific occupational skills.

WHY CAREER FOCUS PLANNING?

Career Focus Planning provides a plan for all students, regardless of their interests, abilities, talents, or desired levels of education. All pathways have equal dignity.

IS CAREER FOCUS PLANNING REALLY FOR ME?

Career Focus Planning is for ALL STUDENTS. By selecting a career pathway you are taking your first step in preparing yourself for the future, regardless of your interests, abilities, or talents.

WHAT ARE THE BENEFITS OF CAREER PLANNING?

By engage in career planning, students will

- have assistance from parents/guardian(s) and adults as careers and course selections are discussed
- develop the skills needed in the future.
- have a road map for the future.
- see relevance in your selected courses making high school more meaningful.
- be able to better compete in a global economy

CAN I CHANGE MY MIND?

Career focus planning is not a permanent commitment. As you mature and gain new experiences, it will become necessary to make the appropriate changes in your career focus planning. Students are encouraged to discuss changes with their parents/guardian(s) and their guidance counselor, so course selections will align with your new career interests.

WHICH CAREER PATHWAY BEST FITS YOUR NEEDS?

As you make career path decisions, the Academic and Career Planning/Course Description Guide is designed to help you. Consider careers in each pathway based on your interests, abilities, and talents. Once you find a career of interest, refer to the following career pathway pages and course descriptions or talk to your counselor, guidance staff, teachers, and other knowledgeable people about this career opportunity. You should consider using resources in the Career Center. Decide which career pathway seems to fit you best. It is not important to decide on specific occupations at this time. Decide which high school courses are related to your career pathway.

GRADUATION REQUIREMENTS FOR KEOKUK HIGH SCHOOL

To ensure that all students have a sound education in fundamentals, the Board of Education requires that certain courses be taken for graduation. Other courses may be chosen to fit individual needs and plans. Students' programs of study should be the result of cooperative planning by the students with their parents, teachers, and guidance counselors.

Forty-eight) credits will be required to graduate. One credit is given for each subject satisfactorily pursued five days a week for a semester. Classes meeting less than one semester are credited proportionately. Credits in grades 9-12 are included in computing graduation requirements.

The entire forty-eight (48) credits required for graduation must be taken at the high school. However, courses taken away from the high school may, under certain circumstances, meet specific requirements. Courses taken under the Postsecondary Enrollment Options Act or courses taken at an approved alternative school may also count toward high school graduation.

A student's high school schedule must include six courses or combination of courses and credited activities which occupy the student each day for each semester in which they are enrolled in school. Each student is also urged to participate in the extra-curricular activity program of the school. However, no student should be overloaded with classes and extra-curricular activities to the detriment of his or her physical and mental health and/or scholarship.

KEOKUK HIGH SCHOOL COURSE POLICIES

Written below are several policies relating to such things as the number of courses you must take and when you may add or drop courses.

MINIMUM COURSE LOAD

All students in grades 9-11 are required to take a minimum of seven (7) classes each of the two semesters of the school year. Physical education may count as one of the seven courses.

Students in grade 12 are required to take a minimum of four (4) classes each of the two semesters of the school year.

CHANGING/DROPPING COURSES

Students will be given multiple opportunities to change their schedule prior to the first day of both semesters. Once the semester begins, a student will be allowed 2 days to make changes without the need for written documentation. A student may drop one non-required academic class without grade penalty so long as the drop is agreed upon between the teacher, parent, and administrator within the first two weeks of class. A student that drops a class after the first two weeks of the term of the class will receive a letter grade of “F” so long as he/she presents a note from a parent requesting the change and clearly stating the parent understands that a grade of “F” will result.

CREDIT REQUIREMENTS TO GRADUATE

Credit Requirements	Credits
English	8
Mathematics	6
Science	6
Social Science	6
CORE CREDITS	26
Financial Literacy	1
Career and Technical	1
Fine Arts	1
Health	1
Character Leadership	1
Physical Education	8
Other Electives	9
ELECTIVE CREDITS	22
TOTAL GRADUATION REQUIREMENTS	48

Department of Education requirements shall be

followed. A student excused by a doctor's statement or exempt by approved activity participation will receive a designation (EX) and will not earn credit. One (1) credit will be awarded for each semester of physical education/health passed with a grade of D or better. Physical education/health letter grades are calculated in a student's grade point average (GPA) and the credit is applied toward the forty-eight (48) credits required for graduation.

JUNIORS AND SENIORS COLLEGE-CREDIT OPPORTUNITIES WHILE IN HIGH SCHOOL

Juniors and seniors are encouraged to explore opportunities that will allow them to begin their college or vocational careers during high school. Our community is fortunate to have a community college located in Keokuk and students should take advantage of programs that might be available. Your guidance counselor will assist you in evaluating individual options available.

KEOKUK HIGH SCHOOL GRADING SCALE

Letter Grade	Score
A+ through A-	100-90
B+ through B-	89-80
C+ through C-	79-70
D+ through D-	69-60
F	< 59

COURSE DESCRIPTIONS

BUSINESS

Business Leadership

1 Credit

1 Semester

GRADES 9-12

Prerequisites: None

This course gives students an introduction to the global business world. Students will have an understanding of how the American business economy operates as well as the importance of understanding the influences of businesses around the world. Students will learn about the

free enterprise system, how businesses are organized, business marketing, business technology, and the pros and cons of owning your own business. This course is a good introduction course and a must for anyone interested in a business career.

Business Law

1 credit

1 semester

GRADES 10-12

Prerequisites: Passing Introduction to Business with a C average.

This unique course is organized to create an understanding of our legal system and to show respect both for the law and those responsible for enforcing the law. Students will study criminal, civil, and business law. Topics that will be covered include: legal history, current legal issues, contracts, insurance, consumer law, case analyses, and the court system. Students will learn from analyzing cases, participating in class discussions, viewing videos, field trips, and guest speakers.

Accounting I

1 Semester

1 Credit

GRADES 10-12

Prerequisites: None

This course provides students the background and foundation to utilize basic business accounting procedures. Students will learn the basics of double entry bookkeeping as well as how to analyze and record financial transactions. Students will understand how day to day business transactions affect owner's equity and various business accounts. Students will understand the terms and activities associated with assets, liabilities, double entry accounting, how to journalize, posting of entries, usage of special journals, adjustments, and closing entries. Students will understand and be able to utilize the complete business accounting cycle.

Accounting II

1 Semester

1 Credit

GRADES 10-12

Prerequisites: Passing Accounting I with a C average.

This course is a continuation of 1st semester Accounting I. Students will continue to focus on the accounting cycle for a merchandise business, recording inventory, and processing business payroll. Students will learn how to operate QuickBooks software to complete business transactions. QuickBooks is used by many businesses to record their day-to-day transactions, prepare inventory lists, payroll summaries, and purchase orders.

Vertex Workplace Management Experience

1 Credit

1 Semester

GRADES 11-12

Prerequisites: Students must have completed and passed at least 2 business courses prior to admittance

This class is for students to learn skills that will give them success on the job. This is a unique class that will include in-class and online instruction as well as job shadowing work experience. 21st Century Employability Skills as stated by the State of Iowa will be the focus and include, but are not limited to, effective communication, problem-solving, good listening skills, teamwork, cooperation, and human relations skills. Students will use a variety of computer programs in completing assignments. Grading will be based on their performance on the job and class assignments. This is a great class if you are ready to experience the “real world”. Students are admitted to this course with approval by the instructor.

Personal Finance

1 Credit

1 Semester

GRADES 11-12

Prerequisite: None

This course is designed to empower students with knowledge and application of basic financial principles so that they can make sound financial decisions for life.

A few of the key goals of the course are:

Enhance students' financial literacy skills; Enable students to develop informed money-management strategies; Stimulate interest in financial management; Inspire students to achieve financial well-being; and Foster an understanding and appreciation of ethical money management.

Computer Science Principles and Cybersecurity

1/2 Credit

1 Semester (First Semester course)

GRADES 9-12

Prerequisites: None

This course includes content in the principles of Computer Science and introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. This course is rigorous, engaging, and approachable and explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in. This course also teaches students how to identify cybersecurity threats and protect against them. Detect intrusions and respond to attacks. Begin to examine your own digital footprint and better defend your own personal data. Learn how organizations protect themselves in today's world. Whether seeking a career in the emerging field of cybersecurity or learning to defend their own personal data or a company's data, students in Project Lead The Way Cybersecurity establish an ethical code of conduct while learning to defend data in

FAMILY AND CONSUMER SCIENCE

Child Development I

1 Credit

1 Semester

GRADES 9-12

Prerequisite: None

The program draws on aspects of the social and biological sciences of which Family and Consumer Sciences is a component. The Child Development I course will stress responsibility in parenthood as well as guides for care during the prenatal period, infancy, and early childhood. A thorough study of children's physical, intellectual, emotional and social development will be discussed in various stages. Special topics will include child abuse, childcare options,

communicating with children, importance of play, and food and nutrition. With an understanding of growth and guidance of children, the student should be able to prepare for future parental roles, employment in the child care industry and/or continue with education in the area of Child Development.

Child Development II

1 Credit

1 Semester

GRADES 9-12

Prerequisite: Child Development I

This class will take a more in-depth look at the social and biological science as the child moves through adolescence. Students will focus on the importance of health, safety, and nutrition of young children. A focus will be on the importance of building relationships with families and the community. Special attention will be providing meaningful-learning filled and engaging activities for young children. Special topics may include the importance of understanding diverse populations, respectful behaviors, and positive work ethics.

Culinary I

1 Credit

1 Semester

GRADES 9-12

Prerequisites: None

Culinary I is a basic course in food and nutrition. Nutrition and good health introduce scientific principles of nutrition and the relationship between eating habits and good health. Food skills focus on the basic knowledge needed for food preparation-tools and techniques. Managing food resources includes basic ingredients, using a recipe, working in the kitchen, and safety and sanitation. Food preparation, including the basics of baking, give guidelines for various food labs such as quick breads, muffins, bars, cookies, cakes, breakfast, and egg cookery, grains, and snacks.

Culinary II

1 Credit

1 Semester
GRADES 9-12

Prerequisite: Culinary I

Culinary II is a basic course in food and nutrition. Nutrition and good health introduces scientific principles of nutrition and the relationship between eating habits and good health. Food skills focus on the basic knowledge needed for food preparation-tools and techniques. Managing food resources includes basic ingredients, using a recipe, working in the kitchen, and safety and sanitation. Food preparation, including the basics of baking, give guidelines for various food labs such as quick breads, muffins, bars, cookies, cakes, breakfast, and egg cookery, grains, and snacks. Students will construct events, create recipes, and plan different types of entertainment. They will learn piping techniques and explore different businesses within the food industry.

Introduction to Family Consumer Science

1 Credit
1 Semester
GRADES 9-12

Prerequisite: None

Introduction to Family and Consumer Sciences showcases the wide variety of content FCS has to offer. This class offers students the opportunity to explore many different content areas at one time. This class is designed for students to find their interest and hopefully further continue into that desired pathway.

Independent Living

1 Credit
1 Semester
GRADES 11-12

Prerequisites: None

Are you prepared to handle all the challenges and responsibilities of adult living? If not, this class is for you! This course is designed to strengthen the connections between the student and life following graduation.

INDUSTRIAL TECHNOLOGY

Introduction to Automobiles

1 Credit

1 Semester

GRADES 9-12

Prerequisite: None

This course is primarily intended as a personal automobile mechanics course, but also useful for students exploring future careers in automotive technologies. Introduction to Automobiles courses expose students to the various mechanical systems in automobiles and provide basic experience in maintenance tasks. The course may also cover career opportunities in the automotive and/or transportation fields.

Automotive Service

1 Credit

1 Semester

GRADES 9-12

Prerequisite: Introduction to Automobiles

Automotive Service courses emphasize preventative auto maintenance and automobile troubleshooting. Course content typically includes tune-up, oil change, and lubrication skills; tire replacement, alignment, and balancing; and basic knowledge of brake, cooling, electrical, emission, fuel, ignition, steering, suspension, and transmission systems. These courses may also include public relations, sales techniques, and service station management.

Introduction to Building Trades

1 Credit

1 Semester

GRADES 9-12

Prerequisite: None

This course covers self-evaluation, goal setting, employability skills, specific career information the craft trades, real-world-of-work-descriptions of workers on the job. Safety, basic hand and

power tools, fasteners and adhesives, joints and wood types, shop math and measurement. Students will be given hands on and classroom experiences. Projects may include frames, cutting boards.

Building Trades I

1 Credit

1 Semester

GRADES 10-12

Prerequisite: Introduction to Building Trades

Reviews safety, tools, and materials information. Students will build upon the knowledge base from year one, adding print reading, wall construction, deck construction, and building small structures (kids playhouse) picnic tables, and benches.

Building Trades II

1 Credit

1 Semester

GRADES 10-12

Prerequisite: Introduction to Building Trades and Building Trades I

Students will build upon the knowledge base from year one, adding print reading, wall construction, deck construction, and building small structures (kids playhouse) picnic tables, and benches

Materials Needed

Tool belt, Tape Measure, Hammer

Building Trades III

2 Credits

Full Year

GRADES 11-12

Prerequisites: Introduction to Building Trades, Building Trades I

Welding I

1 Credit

1 Semester

GRADES 9-12

Prerequisites: None

This course will introduce students to the properties, uses, and applications of various metals. This welding course provides experience in various processes used to join and cut metals. Processes used in this class will include oxyacetylene welding, and cutting; shielded metal arc welding (ARC); and gas metal arc welding (MIG). An option with this class will be the building of a welding project once required welding objectives have been completed.

Welding/Metal Fabrication

1 Credit

1 Semester

GRADES 10-12

Block Class (2 periods)

Prerequisite: Welding 1

This semester course is designed to give students advanced experiences in gas, electric arc, MIG and TIG welding of metals in various positions and applications. This course also addresses Fabricating a go-cart frame or mini bike frame and turning and creating the parts in the machine shop. Also entering their project in the Industrial arts Competition in May of that year.

Materials Needed

Welding helmet and gloves

Welding Capstone/Engineering

1 Credit

1 Semester

GRADES 10-12

Block Class (2 periods)

Prerequisite: Welding I

This semester course is designed to give students advanced experiences in gas, electric arc, MIG and TIG welding of metals in various positions and applications. This course also addresses Fabricating a go-cart frame or mini bike frame and turning and creating the parts in the machine shop. Also entering their project in the Industrial Arts Competition in May of that year.

Materials Needed

Welding helmet and gloves

HEALTH OCCUPATIONS

Introduction to Health Occupations I

1 Credit

1 Semester

GRADES 9-12

Prerequisite: None

Health careers are currently the most rapidly expanding careers in our area and offer many opportunities. This course will help students decide whether the healthcare field is right for them and can also help students choose the right health career to meet their specific skills and interests. This first of two semester courses will provide a health care foundation with a focus on employability skills for all health-related careers.

Introduction to Health Occupations II

1 Credit

1 Semester

GRADES 9-12

Prerequisites: Introduction to Health Occupations I

Health careers are currently the most rapidly expanding careers in our area and offer many opportunities. This course is designed to introduce students to a wide variety of health-related careers, such as nursing, dental care, respiratory care and animal care. This semester students will explore a wide variety of careers and help them find a healthcare career to meet their specific skills and interests.

Basic Life Support

1 Credit

1 Semester

GRADES 10-12

Prerequisite: None

Students will learn basic first aid principles and be able to provide basic first aid as needed. Students will also learn how to perform basic life support (CPR) and how to use an AED when available. Students will also learn basic infection control practices, legalities of providing care to a victim, and the importance of maintaining confidentiality and providing accurate care. Students who complete this course will be certified through the American Heart Association for basic life support, AED, and basic first aid. This card will be good for 2 years.

SCC/HSC - 114 Medical Terminology

1 Semester

3 Hours of SCC & 1 KHS Credit

GRADES 11-12

Prerequisites: Recommended Intro to Health Occupations I & II, Biology, Anatomy and Physiology be taken prior to this course

This course introduces the student to the world of medical terminology by learning how to break words down and determine what each word part means. The students will learn the word parts of each body system and will learn how to build medical terms and also how to break them down to define the terms.

SCC/HSC - 401 Medical Law & Ethics/Human Relations for Health Care Provider

1 Semester

2 Hours of SCC & 1 KHS Credit

GRADES 11-12

Prerequisite: Recommended Intro to Health Occupations I & II, Biology, Anatomy and Physiology be taken prior to this course

This course is designed to expose the student to legal concepts of standard of care, scope of employment, criminal and civil acts, contract, negligence and ethical concepts in health care. This course also includes fundamental principles related to human relations. Basic psychological and developmental theorists, factors that influence behavior, professional attitudes and behavior, self-improvement and communication in the healthcare setting are emphasized.

Advanced Health Occupations (VERTEX)

2 credits

1 Semester

2 Periods

GRADES 11-12

Prerequisites: Introduction to Health Occupations I & II/ Instructor Approval

Juniors and seniors will have the opportunity to learn and practice a variety of employability skills throughout this course. Some of these skills include: workplace and team building, critical thinking and communication. Opportunities for health career job shadow experience is also provided throughout this course. A minimum of 3 job shadow experiences will be required. Students will also have the opportunity to help develop and carry out projects within our local healthcare facilities.

SCC/HSC - 168 Nurse Aide

1 semester

3.5 Hours of SCC & 1 KHS Credits

GRADES 11-12

Prerequisites: Medical Terminology/Instructor Approval

Emphasis of this course is on students gaining a basic level of knowledge and demonstrating skills to provide safe, effective resident care. This course meets the requirement of the Department of Inspection and Appeals for nursing assistants / direct caregivers working in long-term care and skilled facilities. Upon completion, a student is eligible to take the written and skills performance competency tests to become a Certified Nursing Assistant in the State of Iowa. NOTE: This course will not cover BLS and Mandatory Reporter Requirements. Students must complete a successful background check prior to the first day of class and TB status prior to the third week of class. Students may be subject to drug screens if necessary.

IJAG

2 Credits

Full Year

GRADES 9-12

Prerequisites: None

This is a career exploration and preparation program that provides a hands-on approach in exploring personal strengths and challenges as well as job attainment skills (cover letter, resume, job application, interviewing, etc.) and workplace “survival” skills (interpersonal relations, teamwork, etc.) through the use of project-based learning (PBL). Students will work to build strengths in leadership, relationships, academic areas, time management, positive decision-making, and communication. The individual work and team-building activities will also help students come to an understanding of personality, temperament, and the relationship between personal actions and potential consequences that can follow. Students will make connections to their career interests, abilities, and aptitudes through career assessment and by determining their education and career goals through development of an Individual Career Development Plan. There will be individual assignments, team-building activities/projects, academic remediation support, service-learning opportunities, guest speakers, field trips (businesses, colleges, & state-wide iJAG events in Des Moines), and career exploration through job shadowing and/or possible internships. All iJAG students will participate in the iJAG Career Association in various activities focused on Career, Leadership Development, Service Learning, and Civic Social Awareness.

ENGLISH AND LANGUAGE ARTS

Chief Literacy

½ Credit

1 Semester

GRADES 9-11

Prerequisites: None

Chief Literacy is a course created to support students in reaching their individual reading and writing academic goals using a data-driven approach that emphasizes the identification of areas of focus to develop learning experiences. Pearson iLit is one of the tools used to collect data points during different times of the semester in order to provide material that matches individual literacy goals. Other data sources included in building an individualized learning experience for students include Iowa State Assessment of Academic Progress and NWEA MAP results.

Literature Composition I

2 Credits

Full Year

GRADE 9

Prerequisites: None

This course emphasizes the core skills of reading and writing. All reading, writing, speaking and listening skills will be focused on the Iowa Core Language Arts Standards. In particular, a more intensive focus will be determined by the incoming students' Iowa test results. A research paper is required. Students will study different types of literature including drama, short story, novel, and poetry. Writing skills studied will include informal and formal formats.

Literature Composition II

2 Credits

Full Year

GRADE 10

Prerequisite: Literature Composition I

This course is a skills-based course to help students further develop proficiencies in the areas of reading, literary analysis, writing, grammar and usage, oral communication, and research. Students will be asked to do close readings of historical texts, informational texts, literacy texts, and argumentative texts. Students will hone in on their collaboration skills to further enhance their understanding of discussion techniques and etiquette.

Literature Composition III

2 Credits

Full Year

GRADE 11

Prerequisites: Literature Composition I & II

This course provides students the opportunity to improve their reading, writing, listening and speaking skills. A variety of selections from American literature provides numerous opportunities for critical thinking. There is a concentration on writing and related skills throughout the year. A research paper is required. All reading, writing, speaking and listening skills will be focused on the Iowa Core Language Arts Standards.

World Studies

2 Credits

Full Year

GRADES 10-12

Prerequisites: Instructor's Approval

World Studies is a literature and composition course that focuses on a wide-range of literature and rhetoric. Frequent writing assignments will require students to strengthen their ability to reflect and critically analyze text and to demonstrate an ability to write for a variety of purposes and audiences. Geography and history connections will be emphasized and students will be encouraged to publish their work to authentic audiences. Classical literature, Greek Tragedy, Mythology, Middle Eastern Literature, Asian Literature, African Literature, and British Literature comprise the studies of units with a heavy emphasis on research-based writing, persuasion, and analysis.

Journalism

1 Credit

1 Semester

GRADES 10-12

Prerequisites: None

The students study and practice the methods of journalistic writing. They also study the technical aspects of design, layout, interviewing, leads, copy editing, computer skills, and headlines needed for newspaper and yearbook production.

Publications

1 Credit

1 Semester

2 Credits

2 Semesters (Students may take multiple semesters for credit.)

GRADES 9-12

Prerequisites: Journalism or Photography/Instructor's Approval

This is a course where the main goal is to produce and distribute the school yearbook (The Comment). In this course students will gain skills in one or more of the following areas: publication skills such as writing, layout & design, copy editing, interviewing, photography, business management, and desktop publishing skills; while producing a creative, innovative yearbook which records school memories and events. Participants also gain useful real-world experience in time management, marketing, teamwork, and design principles. Students not enrolled in the class may still participate in Comment production. A student may elect to enroll for additional semesters of credit.

Reading Enrichment I

2 Credits

Full Year

GRADES 9-12

Prerequisites: Instructor's/Guidance Counselor's Approval

This course is designed to help students who experience difficulty with reading. The goal is to move each student from his/her present reading level to a higher level based on both grade equivalencies and MAPS testing data. Specific strategies involve an intense focus on both comprehension and inferential skills. Those who apply themselves should expect to advance more than one reading level in a year.

Reading Enrichment II

2 Credits

Full Year

GRADES 10-12

Prerequisites: Instructor's/Guidance Counselor's Approval

This course is designed to help students who experience difficulty with reading. The goal is to move each student from his/her present reading level to a higher level based on both grade equivalencies and MAPS testing data. Specific strategies involve an intense focus on both comprehension and inferential skills. Those who apply themselves should expect to advance more than one reading level in a year.

Literature 1R

1 Credit

1 Semester (1st or 2nd semester)

GRADES 11-12

Prerequisites: None

This course is a skills-based course to help students develop proficiencies in the areas of reading, literary analysis, writing, grammar and usage, and oral communication. Students will be asked to do close readings of both literary and informational text. Students will also learn the art of analyzing and evaluating informational texts. Students will write both narrative, and informational pieces. Students will learn how to discuss text using evidence from text to guide them.

FINE ARTS

Foundations of Art

1 Credit
1 Semester (Beginner Level)
GRADE 9-12
Prerequisites: None

This course will provide the foundation for all art and design areas of study. It will consist of 2D design work in a studio setting. Emphasis will be drawing, color study, perspective, and the elements and principles of design.

Digital Photography

1 Credit
1 Semester (Intermediate Level)
GRADES 9-12
Prerequisites: Foundations of Art

This course is designed to give the students basic preparation in various aspects of digital photography. Special emphasis will be placed on a visual arts approach to seeing the technical layout and functions of the digital camera and exploring the basic aspects of Adobe Photoshop to manipulate the photographic image. The goal is to raise students' appreciation and understanding of the photographic medium. The student will be responsible for a camera and other equipment used during the course. A photography notebook is required.

Digital Design

1 Credit
1 Semester
GRADES 10-12
Prerequisites: Foundations of Art or Photography

This course is an introduction to computers and digital media Adobe software. It is designed to give students an opportunity to learn the fundamental skills.

2D Studio Art

1 Credit

1 Semester (Intermediate Level)

GRADES 10-12

Prerequisites: any two Beginner Level courses

The course will include forms of 2D media such as drawing, painting, printing and art history. The emphasis will be on creative problem solving, composition and art history. A sketchbook is required.

3D Studio Art

1 Credit

1 Semester (Intermediate Level)

GRADES 10-12

Prerequisites: any two Beginner Level courses

This course will consist of mostly of 3D Art in plaster, ceramics and printing with emphasis on creative problem solving, construction techniques and art appreciation. A sketchbook is required.

Graphic Art Principles

1 Credit

1 Semester (Intermediate Level)

GRADES 10-12

Prerequisites: any two Beginner Level courses

This course is an introduction into the field of Graphic Design. Students will study the vocabulary, concepts and history of commercial design as well as develop skills using the vector software Illustrator by Adobe. During the first quarter of the semester, we will focus on skill development while the second quarter will require students to apply those skills in creating solutions to various commercial design problems.

Advanced Arts

2 Credits

Full Year (Advanced Level)

GRADES 11-12

Prerequisites: any two Intermediate Level courses

Drawing, painting, graphics, ceramics, sculpture, digital media and art history will be the core of this course. The emphasis will be on developing an individual style and personal vision in areas chosen by the student. Individual style will be through an awareness of art history and aesthetic values. Concentration in a medium of the student's choice will be required as well as individually exhibiting work during the year. A sketchbook is also required. (May repeat up to 2 Years)

Wind Band

2 credits

1 year

GRADES 9-12

Prerequisites: None

Wind Band is a co-curricular course that offers a broad, comprehensive instrumental music experience. Students in this course make up the Keokuk Band Program which includes the Concert Band, "The Sound of Keokuk" Marching Band, Pep Band, and Percussion Ensemble. Students will concentrate on progressing individual instrument technique and mature their music literacy. The development of critical listening and rehearsal skills will be stressed. Students will develop a high level of teamwork, confidence, responsibility, and pride through preparation and performance. Students will be required to attend band events outside of the school day. These events may include concerts, festivals, pep band, parades, and rehearsals. Extra-curricular opportunities are offered in conjunction with Wind Band such as Honor Bands, Solo and Ensemble, and Jazz Band.

Materials Needed

Uniform Fee (Established each fall); Instrumental Rental Fee for school instruments

Percussion Ensemble

1 Credit

2nd Semester

GRADES 9-12

Prerequisites: None

Percussion Ensemble is a co-curricular course for percussionists during the year. Students in this course are a part of the Keokuk Band Program which includes the Concert Band, "The Sound of Keokuk" Marching Band, Pep Band, and Percussion Ensemble. Students will learn and expand in the areas of rhythm, rudiments, technique, develop and master musical concepts on many different percussion instruments. Students will develop a high level of teamwork, confidence, responsibility, and pride through preparation and performance. Students will be required to attend band events outside of the school day. These events may include concerts, festivals, pep band, parades, and rehearsals. Extra-curricular opportunities are offered in conjunction

with Wind Band such as Honor Bands, Solo and Ensemble, and Jazz Band. Students who have not been in Band before are welcome to sign up but must understand the expectations of the course and Band Program. Those who are not percussionists should sign up for Wind Band but may take Percussion Ensemble concurrently with Wind Band.

Materials Needed

Instrumental Rental Fee for school instruments

Mixed Choir

2 Credits

Full Year

GRADES 9-10

Prerequisites: None

The Keokuk Singers ensemble, composed of 9th / 10th grade students enrolled in chorus. The class curriculum will include introductory level techniques for healthy singing; sight-reading skills, musical terms, abbreviations, notation and symbols; a variety of musical styles; how to mark a vocal score, and techniques for singing with good diction, tone and intonation. Additionally, The Keokuk Singers will focus on working together to meet common goals, while having an appreciation of a variety of music. The Keokuk Singers will perform at a number of concerts such as the Winter Concert, Spring Concert, State Large Group Contest, and other community events / festivals.

Purple Harmony

Full Year

GRADES 9-12

Extra-Curricular, Meets Outside of School

Show Choir will study the production and performance aspects of a pop music style show in a choral setting. The course will include singing, choreography, stage blocking, costumes, and all other aspects of a musical production with emphasis placed on singing techniques and choreographed movements. Audition is required and students will be required to pay uniform fees. Performances will be required. Rehearsals will be after school and on the weekends. Purple Harmony will be working together to meet common goals and perform at several concerts, competitions and community events.

Concert Choir

2 Credits

Full Year

GRADES 11-12

Prerequisites: None

Chorale ensemble, composed of 11th and 12th grade students enrolled in chorus. The class curriculum will include techniques for healthy singing; sight-reading skills, musical terms, abbreviations, notation and symbols; a variety of musical styles; how to mark a vocal score, and techniques for singing with good diction, tone and intonation. Additionally, Chorale will focus on working together to meet common goals, while having an appreciation of a variety of music. Chorale will perform at a number of concerts such as the Winter Concert, Spring Concert, State Large Group Contest, and other community events / festivals.

Music Theory I

1 Credit

1 Semester

GRADES 9-12

Prerequisites: None

Music Theory I is designed as a precursor to an AP Music Theory class or a college Music Theory I course. This course covers basic music reading skills including staves, clefs, notation, rhythm and note names up through roman numeral analysis, chord voicing, cadences, and music analysis. This class is highly recommended for anyone thinking of majoring in music in college.

Video Media Arts I

1 Credit

Full Year

GRADES 10-12

Prerequisites: None

Video Media Arts is designed to introduce students to the world of film making. This course covers basic video skills including story board creation, production of silent movies, lighting, production of short movies, advertisements, and sound. This class is highly recommended for anyone thinking of majoring in video media or acting.

Video Media Arts II

1 Credit

Full year

GRADES 10-12

Prerequisites: Video Media Arts I

Video and Media Arts II is an intermediate level art class designed to allow students to create, connect, and respond through hands-on curriculum with an emphasis in connecting to an audience, cultural appreciation, and self-motivation. By using a format most students are at

least familiar with ensures they are better equipped to cultivate insight, problem-solve, and promote creative thinking skills. The collaboration amongst classmates promotes their ability to respond and connect to others. VMA II is a year-long class which can be joined during either first or second semester. A full year of VMA I must be taken/passed before enrollment into VMA II.

Broadcasting

1 Credit
Full Year
GRADES 10-12
Prerequisites: None

Broadcasting is an introductory art class designed to allow students to create, connect, and respond through hands-on curriculum with an emphasis in connecting to an audience through different forms of media including social media. Students will write, edit, and hold interviews.

MATHEMATICS

Transitions to Algebra

2 Credits
Full Year
GRADES 9-12
Prerequisites: None

The topics in this course include: algebraic expressions; all operations with integers; coordinate plane with ordered pairs; solving 1, 2, & multi-step equations and inequalities; mean, median, and mode; linear relationships

Algebra I

2 credits
Full Year
GRADES 9-12
Prerequisites: 8th grade Math or 9th grade Transition to Algebra

Algebra 1 is a first-year course in the study of algebraic expressions, equations, inequalities, functions, statistics and probability. The course is aligned to the common core standards and emphasizes the mathematical practice standards. Students will be challenged to develop 21st Century Skills such as critical thinking and creative problem solving.

**Since Algebra I is the entry-level math course required for all future math courses at KHS, successful completion of this course is required for graduation.

Materials Needed

Pencils, notebook, 3-ring binder, $\frac{1}{4}$ graph paper, loose leaf paper

9th Geometry

2 credits

Full Year

GRADES 9

Prerequisites: Proficiency in Algebra I

Ninth grade Geometry is an accelerated, rigorous course developed to continue students on the pathway of being successful KHS mathematicians with the goal of taking Calculus as seniors. Students in 9th grade Geometry will acquire critical thinking skills and study formal geometric concepts. The students will focus on logical proofs and use of reasoning skills when solving problems or evaluating arguments and will use geometry to solve real-life problems. Geometry is a critical component the total mathematics education because students are required to relate concepts from Algebra I to geometric phenomena. The course is aligned to the common core standards and emphasizes the mathematical practice standards. Students will be challenged to develop 21st century skills such as critical thinking and creative problem solving. Most post-secondary institutions require students to complete a geometry course in high school because this subject provides the necessary mathematical foundational tools for complex reasoning and solving problems in the sciences, technology, engineering, and many skilled trades and professions. Technology will be used for instruction, investigation, and solving problems.

Materials Needed

Pencils, notebook, protractor, compass, scientific calculator

Foundations of Geometry

2 Credits

Full Year

GRADES 9-12

Prerequisites: Proficiency in Algebra I

This course is designed for the student who struggled conceptually in Algebra I and will encompass the basic concepts as Geometry with a more generalized approach. The topics are aligned to the Iowa Common Core Standards, the first approach is the studying of plane and solid figures to a more formal approach using presentations of deductive reasoning and logic with a few proofs in the study of several postulates and theorems. Other topics include congruence, similarity parallelism, perpendicularity, and trigonometry, coordinate geometry

and transformations. Other topics reviewed are basic measurement, perimeter, area, volume and inductive reasoning.

Materials Needed

Protractor, compass, inexpensive scientific calculator

Geometry

2 Credits

Full Year

GRADES 9-12

Prerequisite: Proficiency in Algebra I

This course transitions from an informal approach of studying plane and solid figures to a more formal one using presentations of deductive reasoning and logic and a few proofs in the study of several postulates and theorems. Other topics include the concepts of congruence, similarity, parallelism, perpendicularity and trigonometry, which were introduced in Algebra, and angle measuring rules, coordinate geometry, and transformations. Other review concepts include basic measurement, perimeter, area, volume and inductive reasoning. This course is aligned to the Iowa Common Core Standards and students will be challenged to develop 21st century skills such as critical thinking and creative problems solving. Most post-secondary institutions require students to complete a Geometry course to gain the necessary foundational mathematical tools for complex reasoning and problem solving in science, math engineering, and business coursework along with many skilled trades and professions. Technology will be used for instruction, investigation, and solving problems.

Materials Needed

Protractor, compass, inexpensive scientific calculator

Foundations of Algebra II

2 Credits

Full Year

GRADES 10-12

Prerequisites: C or above in Foundations of Geometry & Algebra I

Foundations of Algebra II is designed for students that struggled conceptually with Algebra I and Geometry. The course is aligned to the common core standards and emphasizes the essential core standards. Students will be challenged to develop 21st century skills such as critical thinking and creative problem solving. This course serves as a foundation for other mathematics, science, and business courses. The same concepts will be instructed as the Algebra II course however in a more generalized approach.

Algebra II

2 credits

Full Year

GRADES 10-12

Prerequisites: C or above in Algebra I & Geometry

Algebra II is designed to build on algebraic and geometric concepts. The course is aligned to the common core standards and emphasizes the mathematical practice standards. Students will be challenged to develop 21st century skills such as critical thinking and creative problem solving. Algebra II serves as a foundation for other mathematics, science, and business courses. Technology will be used for instruction, investigation, and solving problems.

Pre -Calculus

2 credits

Full Year

GRADES 11-12

Prerequisites: C or above in Algebra II

This course encompasses an in-depth review of Algebra II concepts and additional topics in preparation for Calculus. Students will be challenged to develop 21st century skills such as critical thinking and creative problem solving. Technology will be used for instruction, investigation, and solving problems.

SCC MAT – 210/ Calculus I

Fall Semester

4 Hours SCC/1 KHS Credit

GRADE 12

Prerequisites: Pre-calculus, ACT ≥ 29 or ALEKS $\geq 76\%$

Calculus I is the study of differential calculus of a single Variable. Students will be challenged to develop 21st century skills such as critical thinking and creative problem-solving. Technology will be used for instruction, investigation, and solving problems.

SCC MAT – 216/Calculus II

Spring Semester

4 Hours SCC/1 KHS Credit

GRADE 12

Prerequisites: MAT-210/Calculus I

Calculus II is the study of integral calculus of a single variable. Students will be challenged to develop 21st century skills such as critical thinking and creative problem-solving. Technology will be used for instruction, investigation, and solving problems.

SCC MAT-110/ Math for Liberal Arts

Fall Semester

3 Hours SCC/1 KHS Credit

GRADE 11-12

Prerequisites: Algebra II, ACT ≥ 20 , ALEKS $\geq 30\%$

Math for Liberal Arts is a survey course for students not pursuing a career needing upper-level mathematics courses. Students will be challenged to develop 21st century skills such as critical thinking and creative problem-solving. Technology will be used for instruction, investigation, and solving problems.

SCC MAT-156/Statistics

Spring Semester

3 Hours SCC/1 KHS Credit

GRADES 11-12

Prerequisites: Algebra II, ACT ≥ 22 , or ALEKS $\geq 46\%$

Statistics is an applied course in statistics, designed to introduce students to the concepts, symbols, procedures, and vocabulary used in the field of statistics. Students will be challenged to develop 21st century skills such as critical thinking and creative problem solving. Technology will be used for instruction, investigation, and solving problems.

MODERN WORLD LANGAUGES

Spanish I

2 Credits

Full Year

GRADES 9-12

Prerequisites: Proficient Score in Native Language.

Spanish I consists of a foundation in listening, speaking, reading, and writing. The course is an introduction to basic vocabulary and sentence structure of the Spanish language. It is designed to be challenging and requires daily practice. Topics covered include the concepts of masculine and feminine, singular and plural nouns, subject pronouns, and the present tense of regular and irregular verbs, subject/verb agreement, and adjective agreement. Cultural information of

Spanish-speaking countries will be studied. In addition, internet resources immerse students in authentic language and culture. The course grade is based on tests and quizzes, as well as oral and written activities that focus on communication, grammar, vocabulary, pronunciation, and fluency.

Spanish II

2 Credits

Full Year

GRADES 9-12

Prerequisite: Spanish I

In this course, students will increase their oral and written fluency in the language and continue their study of the cultures of Spanish-speaking countries. More advanced vocabulary and grammar are emphasized. Topics covered include irregular present tense, the immediate future, the present progressive, the preterit tense, verbs like gustar, negation, direct/indirect and reflexive objects, and a review of the present tense. In addition, internet resources immerse students in authentic language and culture. The course grade is based on tests and quizzes, as well as oral and written activities that focus on communication, grammar, vocabulary, pronunciation, and fluency.

Spanish III

2 Credits

Full Year

GRADES 11-12

Prerequisite: Spanish II

The course is designed for the serious student who wishes to increase fluency in oral and written Spanish. Topics covered include a thorough review of the present and preterit verb tenses and the objects discussed in Spanish II, the preterit and the imperfect tenses and commands. In addition, internet resources immerse students in authentic language and culture. The course grade is based on tests and quizzes, as well as oral and written activities on learning targets that focus on grammar, vocabulary, pronunciation, and fluency.

Spanish IV

2 Credits

Full Year

GRADE 12

Prerequisites: Spanish I, II, & III

Comprehension of spoken and written Spanish is stressed with the use of more advanced grammatical structure. Topics covered include a thorough review of all verb tenses, all command forms, the present subjunctive, the future and the conditional tenses. Grammatical

polemics such as por vs. para and the subjunctive vs. the indicative will also be discussed. The literature studied includes a variety of works by major Hispanic authors. Students will write a final paper and develop an Elementary Student Unit which they will teach to elementary students in the school district. In addition, internet resources immerse students in authentic language and culture. The course grade is based on tests and quizzes, as well as oral and written activities on learning targets that focus on grammar, vocabulary, pronunciation, and fluency.

PHYSICAL EDUCATION AND HEALTH

Sports and Fitness

1 Credit

1 Semester

GRADES 9-12

Prerequisites: None

This course is designed to practice and develop skills that will prepare students to maintain fitness throughout their life. Students will assess their level of fitness and engage in activities to improve their fitness. Individual, partner, and team activities will be explored to develop skills to promote life-long participation in exercise.

Materials Needed

Tennis shoes, athletic shorts/pants, and t-shirt/sweatshirt are to be worn each day in order to participate. Tennis shoes worn to school can be worn in PE as long as they are clean, can be tied, and fit properly for physical activity. Shirts must have sleeves. Teacher judgment as to the appropriateness of clothes will be final. Students will be issued a locker and padlock and are encouraged to use these each day to secure their belongings. Students may wear their gym clothes or bring clothes to change into.

Personal Strength

1 Credit

1 Semester

GRADES 10-12, 9(if enrolled in a sport)

Prerequisites: Playing a sport

Students will participate daily in a strengthening and conditioning workout. The environment will be closely supervised and intense in nature with the goal being to develop each student to their physical peak. Working well with others and safely completing workouts is important.

Materials Needed

Tennis shoes, athletic shorts/pants, and t-shirt/sweatshirt are to be worn each day in order to participate. Tennis shoes worn to school can be worn in PE as long as they are clean, can be

tied, and fit properly for physical activity. Shirts must have sleeves. Teacher judgement as to the appropriateness of clothes will be final. Students will be issued a locker and padlock and are encouraged to use these each day to secure their belongings. Students may wear their gym clothes or bring clothes to change into.

Recreation and Fitness

1 Credit

1 Semester

Grades 9-12

Prerequisites: None

This course is for those students who want to explore fitness activities, individual & partner games, and personal skill challenges at a less strenuous level. Students will assess their level of fitness and engage in activities to improve their level of fitness as well as their physical skills in different areas (catching, throwing, coordination, balance, etc.) Activities may include walking, yoga, badminton, pickle ball, tennis, disc golf, dance, resistance training, etc. Other activities may include recreational games such as bags, horseshoes, hacky sack, and ladder ball. Student interest will help guide the selection of activities with the goal of engaging all learners.

Materials Needed

Students need to wear tennis shoes and dress for activity. Changing clothes is optional. A lock and locker will be provided if students choose to leave shoes or clothes at school.

Health - Fitness and Nutrition

1 Credit

1 Semester (only offered Fall semester)

GRADES 9-12

Prerequisites: None

Health is a semester long course that will provide students with the knowledge needed to live healthy lives. Health is affected by a variety of positive and negative influences within society. Knowing how to identify and deal with these influences can help improve the health of our bodies allowing us to live long, healthy lives. Students need to be present and participate in class activities and discussion in order to learn the content. They also need to do their part in the learning process.

Health and Human Physiology

1 Credit

1 Semester (only offered spring semester)

GRADES 9-12

Prerequisites: None

Health is a semester long course that will provide students with the knowledge needed to live healthy lives. Health is affected by a variety of positive and negative influences within society. Knowing how to identify and deal with these influences can help improve the health of our bodies allowing us to live long, healthy lives. Students need to be present and participate in class activities and discussion in order to learn the content. They also need to do their part in the learning process.

SCIENCE

Geoscience

2 Credits

Full Year

GRADE 9

Prerequisites: None

Geoscience is a required course that is aligned with the Iowa Core Science Standards. This course is taken primarily at the freshman level. Students will use explorative activities and research projects to investigate Earth's history and geologic systems. It is important to the validity of this course to use real-time data, maps and investigations. Topics of study include: space systems, the formation and history of the Earth, ongoing processes and systems on Earth, weather and climate change, and human sustainability and conservation.

Accelerated Science

2 Credits

Full Year

GRADE 9

Prerequisites: None

This course is designed to provide rigorous curriculum, and to accelerate students for greater freedom in their schedules as upperclassmen, in order to take more advanced math and science courses. This course is a blended module of Geoscience and Biology. The course will be covering the same Iowa Core standards as the traditional Freshman/Sophomore science track at a quicker pace, but also providing a more in-depth understanding of both topics.

Biology

2 Credits

Full Year

GRADE 10

Prerequisites: Geoscience

Biology is a required course that is aligned with the Iowa Core Science Standards. This course is taken primarily at the sophomore level. Students will use scientific processes to investigate phenomena of the Natural World and apply knowledge to solve problems while making educated and ethical decisions throughout their lifetime.

AP Biology

2 Credits

Full Year

GRADES 10-12

Prerequisites: 1 year of Accelerated Science/Biology or TAG identification

This AP Biology course framework includes two essential components: science practices and course content. The course is organized around the four big ideas, eight units, and seven science practices as identified in the framework. Students are provided the opportunity to engage in investigative laboratory work integrated throughout the course. AP Biology will provide students with opportunities to connect their biological and scientific knowledge to major social issues to help them become scientifically literate citizens. This class may also qualify students to earn college credits after completing their AP Biology Exam at the end of the course.

Biotechnology I, Microbiology/Genetics

1 Credit

1 Semester

GRADES 9-12

Prerequisites: C or above in Literature/Composition I, Instructor's Approval

How do we feed, fuel, and heal our world? Biotechnology provides breakthrough products, technologies, and research to fight debilitating and rare diseases, reduce our environmental impact, feed the hungry, and have safer, cleaner, and more efficient industrial processes. This is an advanced science course designed to expose students to lab skills and careers associated with Biotechnology. The class will expose students to concepts and lab techniques associated with a biological laboratory setting. The class will include a significant time in lab, research/exploration activities, and technical writing. The group also takes an overnight trip to Iowa State to work in the Biotech outreach lab. The class is being broken down into two units: microbiology and Biotechnology.

Biotechnology II, Research & Ethics in Science

1 Credit

1 Semester

GRADES 10-12

Prerequisites: Biotechnology I, Microbiology/Genetics

Biotech is a global industry in a rapid growth phase. Biotech jobs are highly skilled and highly paid. The class will include college and career exploration, literature review, defending and debate, applications of biotechnology, bioethics, and the funding and research process. The class will be broken down into four units: your future, applications of biotechnology, research and funding, and bioethics. This group usually takes an overnight trip to Monsanto and visits 4-5 colleges.

Anatomy and Physiology

2 Credits

Full Year

GRADES 11-12

Prerequisites: Biology

This course will benefit students who will major in health, science or a related field. Basic structures (anatomy) and functions (Physiology) will be discussed for each system covered. Laboratory work will be part of the student's learning experience, including the "autopsy" of a small mammal to compare it with that of the human anatomy.

Chemistry

2 Credits

Full Year

GRADES 10-12

Prerequisites: Geoscience & Biology

College prep course designed to meet the needs of students planning to attend a 4-year college or university. Especially recommended for those planning to major in science, medicine or engineering. Course covers a broad range of introductory chemistry concepts, chemical reactions, chemical bonding, acids, bases, & salts, gas laws, and solutions. Fair amount of math (Algebra) is required. There is also an emphasis on lab work and hands-on chemistry. Students will become familiar with lab equipment and techniques. Grades based on activities, labs, lab reports, quizzes and formal assessments.

Physical Science

2 Credits

Full Year

GRADES 11-12

Prerequisites: Geoscience & Biology

Physical Science is an introduction to the basic ideas in physics and chemistry usually completed by juniors that choose not to take Chemistry and Physics and is aligned with the Iowa Core Standards and will include the Engineering and Design Standards. The content will be student-centered, activity-oriented, and include laboratory demonstration and investigation.

Physics

2 Credits

Full Year

GRADES 10-12

Prerequisites: Geoscience, Biology, & Chemistry

This college-prep course will be exciting to students interested in how things work. The course has many hands-on activities and labs. We will emphasize the mathematical problem-solving skills necessary to succeed in college and we will gain an appreciation of the history of our technological developments. Some of the many topics covered include mechanics, Thermodynamics, and electricity. A typical week includes lab experiments, quizzes, some reading and lively discussions. If you want to know how the universe works, this is the course for you!

SOCIAL SCIENCE

American History

2 Credits

Full Year

GRADES 10-12

Prerequisites: None

American History is the study of the history of the United States from the period after Reconstruction through the present time. In this course, the student will study problems pertinent to the social, political, and economic life of people of the United States. These problems are studied and discussed in the light of their effect on our lives today and their possible effect on the future. Topics discussed include: Industrial Revolution, Immigration, World War I, The Great Depression, World War II, The Cold War, The Modern Era, and Global Interactions. The course is designed to meet the state requirements for U.S. History. It is required of all 10th grade students.

AP History

2 Credit

Full Year

GRADES 10-12

Prerequisites: None

AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to critically assess the problems and materials within U.S. history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. The following themes are covered in United States History: American Diversity and Identity, Culture, Demographic Changes, Economic Transformations, Environment, Globalization, Politics & Citizenship, Reform, Religion, Slavery & its Legacies, and War & Diplomacy. Students will learn to assess historical materials and the relevance to a given interpretive problem, reliability, and importance and to weigh the evidence and interpretations presented in historical scholarship. An AP U.S. History course develops the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

Character Leadership

1 Credit

1 Semester (fall)

GRADE 9

Prerequisites: None

This course is required to assist with 9th grade transition and establish good character for our students. Guidance counselors will work with the students in developing career and/or college goals. Students will gain knowledge of what it means to be a good leader and maintain 'grit' in the face of adversity. This course is an introduction to civic education and what it takes to be a part of a community. Social and skill development will also be a key focus of this class.

Contemporary U.S History

1 Credit

1 Semester (Second)

GRADES 9-12

Prerequisites: U.S History

Contemporary U.S. History is a semester-long course that examines major events and turning points in the U.S. from the late 20th century into the early 21st century. The course leads students toward a clearer understanding of the patterns, processes, and people that have shaped U.S. History. As students progress through each era of modern U.S. history, they will study the impact of dynamic leadership, the influence of social and political movements on societal change, and the importance of modern cultural and political developments. Recurring themes lead students to draw connections between the past and the present, between cultures, and between multiple cultures.

Iowa History

1 Credit
1 Semester (Second)
GRADES 9-12
Prerequisites: None

This course is designed to understand the basic structures and processes of Iowa's history, implementing analytical tools, vocabularies, and concepts in which to interpret Iowa's natural environment, native people, migration, as well as the social, economic, and political changes experienced by Iowans. No previous knowledge of the subject is expected or required.

World History

1 Credit
1 Semester (spring)
GRADES 9-12
Prerequisites: None

World History involves the study of the beginnings of civilizations through the development of the East and West. Included are the Middle Ages, the emergence of Modern Europe, the Enlightenment, The Revolution, the Age of the Unification and Nationalism. This course will also cover Western Imperialism, World Wars I and II, the growth of science and technology, dictatorship and democracies, and the changing world since 1945.

U.S. Government and Politics

1 Credit
1 Semester
GRADES 11-12
Prerequisites: None

U.S. Government and Politics provides an overview of American constitutional government, federalism, political beliefs and behaviors, political parties, and the government of the State of Iowa. It focuses considerable attention on how and why people behave politically to get what they want from individuals and institutions that have the ability to meet those desires. Attention will be given to providing knowledge and skills that will allow individuals to participate fully in democratic government including instruction in voting procedures. A project will be required each semester. Community service will be strongly encouraged. Each student will also study current events on a regular basis and apply knowledge gained in the U.S. Government and Politics to those current events.

World Geography

2 Credits

Full Year

GRADES 11-12

Prerequisites: None

World Geography is designed to help students better understand the world in which they live. Emphasis will be placed on the fact that Americans are a part of a global society and that we are dependent on one another. This course looks at the world using a regional approach. The culture, history, topography, climate, natural resources, and economics of each region will be studied. Current events and the specific problems of each region will be included. Considerable map work will be required.

Sociology

1 Credit

1 Semester (First)

GRADES 9-12

Prerequisites: None

This course introduces students to the academic field of sociology. Sociology is a broad discipline, which employs scientific methodology to study society. Students are exposed to introductory concepts, theories, and methods used in contemporary sociology. Upon successful completion of this course, students will have a basic understanding of the sociological perspective and the ways in which the discipline understands and explains human behavior at all levels of society. The course also provides students with skills that they can utilize to understand themselves and their world; the theories, concepts, and ideas covered in this class will help students recognize the connection between self and society, biography and history, as well as the individual and social structures.

World Cultures

1 Credit

1 Semester (Second)

GRADES 9-12

Prerequisites: None

This course examines the nature of culture; how cultural identities are acquired, maintained, and transformed; and theories used to analyze cultures. You will explore world cultures, with an emphasis on the analysis of religious and spiritual beliefs, art forms, and philosophy. You will study the contributions and influence of a range of cultural groups and will critically analyze issues facing ethnocultural groups within Canada and around the world. You

will also develop and apply research skills and design and implement a social action initiative relating to cultural diversity.

Youth Leadership Team

1 Credit
1 Semester
GRADES 9-12
Prerequisites: None

Selected students enrolled in this class will be expected to demonstrate good behavior while representing the school. Students will be representing the school by going out in the community and helping where needed. They will also help other students in the school district by tutoring, and being good role models. They will be organizing events in the community and school district. The main purpose of this course is to better our school district and community.

Senior Seminar (Senior Success)

1 Credit
1 Semester
GRADE 12
Prerequisite: None

Senior Seminar is a course designed to prepare upcoming graduates for college, vocational, and career readiness. It is a semester course that includes practical study and experience to encourage and develop students with skills beyond high school. Our focus areas are career and college exploration, access to services within our building and community, scholarship applications, job searches, resume writing, interview skills, and general exposure to potential academic or vocational scenarios. There is a special emphasis on developing Iowa 21st Century Skills related to employability and citizenship.

SCC General Psychology

1 semester
3 SCC Credit Hours & 1 KHS Credit
GRADES 11-12
Prerequisites: None

A basic course in the understanding of behavior, designed to give the student a scientific background in the fundamental problems and techniques covered in the field of psychology.

SCC Abnormal Psychology

1 semester
3 SCC Credit Hours & 1 KHS Credit
GRADES 11-12
Prerequisites: C or above in General

This course will provide you with an overview of the etiology, diagnosis, course, and treatment of abnormal behavior from multiple perspectives. Topics covered include assessment and treatment of mental disorders, anxiety and mood disorders, the psychotic disorders, personality disorders, and disorders of childhood origin.

OTHER

Specially Designed Instruction

1 Credit
Full Year
GRADES 9-12

Prerequisites: students must have an Individualized Education Plan (IEP)

SDI is a pass/fail elective credit for students with IEPs to work towards their IEP goals and transition plans. This class offers an individualized classroom setting focusing on student abilities and future plans in the areas of living, learning, and working. SDI has bi-weekly progress monitoring of all IEP goals.

WBL Employability Skills

1/2 Credit
1 Semester (Second Semester Course)
GRADES 11-12
Prerequisites: None

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 work-place problem solving strategies, and demonstrate skills required to work in a diverse environment.