

**Humphrey
High School
Course Booklet
2023-2024**

Humphrey High School's mission is to provide quality educational opportunities in a supportive environment.

The course description information in this booklet is designed to help you learn more about courses that will/may be offered at Humphrey Public Schools. There are two types of courses within this course booklet. There are required courses and electives. Required courses are not optional; you must take them in order to meet graduation requirements. Elective courses are not required. Humphrey Public Schools tries to offer a variety of courses to help each student with his/her academic preparation for life after high school. There are a wide variety of courses to choose from. Career planning is extremely important and courses should be selected with that in mind. A student with an aptitude and/or a career interest should take high school courses that prepare him/her for that field. Included above is Nebraska's Career Clusters and Pathways chart. This information can help a student understand what path he/she should be heading.

Humphrey Public Schools is part of Network Nebraska, a program that allows students to receive classes from schools and colleges throughout Nebraska using the interactive television network, also called distance learning. Students will be able to take classes that are not offered at Humphrey Public Schools. We correlate classes with over 90 statewide schools and Central Community College. The program also gives Humphrey Public Schools an option to offer classes from our teachers to the program. For additional information regarding this program, please contact the school principal or counselor.

You are encouraged to take this handbook home and look it over with your parents. After studying the material, you and your parents should determine what course of study would be best for you to pursue and what subjects are necessary to meet your intended goals. If you have any questions concerning your course of study, please contact the school counselor or principal. Parents are encouraged to participate with their son/daughter, the counselor, and principal as much as possible in determining courses of study for both a long and short-range plan of study.

Some classes change each year based on set rotations and required courses. Keep in mind that if a student has failed a required class, it may not be possible to schedule that individual in the required course that following year. Some alternative scheduling, such as correspondence courses may have to be taken. These correspondence courses may be at a cost to the student.

Education is not only for the work you will be doing, but to a great extent, determines the life you will be living. Just as the type of work you do determines the lifestyle you will be living, your education will determine the type of work. So, plan carefully and plan early.

REGISTRATION INFORMATION

A. General Information

1. A prerequisite is a subject required before you can take certain other subjects. Please note if consent of the instructor is needed. Example: Algebra is a prerequisite for Geometry.
2. Students who register for modern languages, should complete two courses. One course does not give sufficient background to enable the student to use the skill taught.
3. Students should fill in all spaces on the registration form.
4. Class enrollment will be limited in some areas because of size. Priority will be given to *first year students* enrolling in Advanced Woods and students will be limited to taking only two years of Advanced Woods.
5. Students will be screened for some classes offered at St. Francis.
6. Students who are members of FFA *MUST* take one semester of an AG ED class.

B. College Prep Students

1. Early and careful planning is imperative as admission requirements vary. Your academic record is important in determining if the college of your choice will accept you.
2. Factors considered by colleges in action upon application:
 - a. Class rank, ACT scores, high school courses studied.
 - b. Activity record. The extent and participation in the various extracurricular activities is a matter of interest to every college or employer. Do not permit your extra curricular activities to jeopardize your academic record, but if you choose to participate, do so to the best of your ability.
 - c. High school courses.
 - d. High school recommendation.
3. Students planning to attend college should attempt to take as many challenging courses as possible, which will prepare them for the demands of college. Many of the courses are required, but beyond these requirements, students should enroll in classes that will provide them with experiences to benefit them in college. Many four-year colleges require 4 years of English, 4 years of Math, and 2 years of a foreign language.

COURSE REQUIREMENTS

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12/College English
Physical Science	Biology	Science	Math or Science
Math	Math	Math	American Government
IT Applications/ Introduction to Business	Modern World History/Geography	American History	

PE/Health			
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GRADUATION REQUIREMENTS: 235 credit hours to include:

Core Courses: 155 Credit Hours

40 Hours	English	30 Hours	Math
30 Hours	Science	30 Hours	Social Science
10 Hours	PE/Health	10 Hours	IT Apps/Intro to Business
5 Hours	Career Planning		

Electives: 80 Credit Hours

COURSE OFFERINGS

AGRICULTURE EDUCATION

Introduction to Agricultural Sciences

Each course below is 1 semester in length, Leadership is the only Year Long Course

Agribusiness Systems	Animal Systems	Plant Systems	Natural Resource Systems	Power, Structural, Technical Systems	Food Products & Processing Systems
Leadership	Animal Science	Plant Science	Natural Resources	Welding	Food Science
Agribusiness	Large Animal Management	Advanced Plant Science		Advanced Welding	
	Companion Animals				
	Veterinary Science				

Introduction to Agricultural Sciences 011000 This is a semester-long class that serves as an orientation to an introduction in the Environmental and Agricultural Sciences Career Pathway. This class develops basic agriculture literacy and is a foundation for further coursework. This class is strongly encouraged for freshman and new FFA members. The course includes a study of the National FFA Organization, leadership, basic record keeping, animal science, plant science, and basic welding.

Recommended for: 9-10th Grade

Leadership _____ 017000

This is a YEARLONG course for advanced study in the area of leadership. This class is designed to develop leadership skills necessary for personal and career success. The class includes a study of leadership, types of leadership, teamwork, goal setting, problem solving, public speaking and several other topics. The class also develops interpersonal skills necessary for personal and career success. The class includes a study of personality type, values, communication, learning characteristics, time management, and conflict resolution.

Recommended for: 9-12th Grades

Metals /Welding _____ 016004

This is a semester long class for students interested in metal science and development of welding skills. The class develops fundamental training in SMAW, GMAW, and Oxyacetylene welding and brazing. This class focuses on opportunities in welding careers, laboratory safety, basic welding processes, and welding skill development. Depending on the student's speed and level of skill development in the course, a small metals project may be built and completed. Proper clothing such as jeans or coveralls and leather boots are required for class. Welding helmets, leather gloves, welding jackets and safety glasses will be provided. This class is offered with Small Engines. Limited to 12 Students.

Recommended for: 10-12th Grades

Advanced Welding _____ 016005

This is a semester long class for students interested in advanced development of welding and cutting skills. The class develops additional training in SMAW, GMAW, GTAW, Aluminum Spool, Plasma and Oxyacetylene cutting. This class focuses on advanced welding and cutting skill development. Metals projects may be built and completed with instructor approval. Proper clothing such as jeans or coveralls and leather boots are required for class. Welding helmets, leather gloves, welding jackets and safety glasses will be provided. This class is offered with Small Engines. ***Only Junior & Seniors are allowed, and must have passed welding with satisfactory welding skills and safety.*** Limited to 10 Students.

Recommended for: 11-12th Grades

Food Science (2021 FALL) _____ 014000

This is a semester long class for the study of the area of food science and related careers. This class introduces students to the science of food and food processing and production. Students will learn the scientific principles involved in the food industry including food science, food processing, microbiology, toxicology, regulations concerning the protection of the food supply. This class is offered with Agribusiness.

Recommended for: 11-12th Grade

Agribusiness (2021 FALL) _____ 011009

This is a semester-long class for the study of the area of agribusiness and related careers. This class is designed to develop business skills necessary for a career in agriculture. The class includes a study of record keeping, financial statement analysis, sales, marketing, advertising, business types and commodity marketing. This course also includes the study of owning and operating a business enterprise with

emphasis placed on planning, organizing, financing, and managing a small business. This class is offered with Plant Science.

Recommended for: 10-12th Grade

Plant Science (2022) (SPRING) 011007

This is a semester long class for the study of plants and soils and related careers. This course includes an introduction to plant science, basic plant processes, plant growth and development, basic soil science, and soil conservation. This class is offered with Advanced Plant Science.

Recommended for: 10-12th Grade

Advanced Plant Science 018061

This is a semester long class for the advanced study of plants and soils and related careers. This course includes a study of crop science, horticulture plants, landscape design and maintenance and basic principles of floriculture. This class is offered with Introduction to Plant Science.

Recommended for: 10-12th Grade

Natural Resources (2022) (SPRING) 013000

This is a semester long course for advanced study of natural resource management and related careers. The class focuses on natural resource management, water conservation, soil science, forestry, pollution, and government policy. This class is offered with Wildlife Management every other year, alternating with Introduction to plant Science/Advanced Plant Science.

Recommended for: 10-11th Grade

Small Animal Management (2022) (SPRING) 011006

This is a semester long class designed for the study of companion animals and related careers. This course includes small animal care and management, breed identification, disease identification and management, and zoo animal care. This class is offered with Vet Science every other year, alternating with Introduction to Animal Science/Large Animal Management.

Recommended for: 10-12th Grade

Veterinary Science (2021) (FALL) 011015

This is a semester long class designed for the study of veterinary science and related careers. This course introduces students to the basics of animal care. Topics covered include diseases, parasites, nutrition, reproduction, veterinary terminology and equipment, grooming, and general animal care. This class is offered with Companion Animals every other year, alternating with Introduction to Animal Science/Large Animal Management.

Recommended for: 10-12th Grade

Animal Science (2020) (FALL) 011004

This is a semester long class designed for advanced study of animal science and livestock production. The class is designed using the scientific approach to the study of agricultural animals. Special emphasis is placed on anatomy and physiology, reproduction, genetics, breeding, nutrition, health, safety, and

biotechnology. This class is offered with Large Animal Management every other year, alternating with Companion Animals/Veterinary Science.

Recommended for: 10-12th Grade

Large Animal Management (2021) (SPRING) 011005

This is a semester long class designed for the study of food (large) animals and related careers. This course places special emphasis on production and management of beef, swine, sheep, horse, dairy cattle, and poultry. This class is offered with Animal Science every other year, alternating with Companion Animals/Veterinary Science.

Recommended for: 10-12th Grade

ARTS AND PERFORMING ARTS

Art I (At St. Francis) 020100

Art I is designed for those students who are developing a serious interest in art. The class is divided into the following units: elements of art, drawing and composition, printmaking, sculpture, ceramics, painting, and crafts. Art history is included in all units with students studying artists, their work, and art movements associated with the particular unit. Humphrey School District #67 pays tuition for each class a student attends at St. Francis High School. Students will be required to display their best behavior while attending these classes, or they will be expelled for the class and found an alternate activity.

Art II (At St. Francis) 020200

Art II is a course designed for the serious art student. Emphasis is placed on developing the skills of a particular art technique or techniques in which the student has special interest. A unit on the principles of design is incorporated into this highly individualized course as well as a more in-depth study of art history. Field trips to local galleries and museums will be a part of the course, which will supplement the student's art study. Humphrey School District #67 pays tuition for each class a student attends at St. Francis High School. Students will be required to display their best behavior while attending these classes, or they will be immediately removed from the class and enrolled in a more appropriate class at Humphrey Public Schools.

Prerequisite: Satisfactory completion of Art I

Art III (At St. Francis) 020300

Art III is a self-directed, individualized program for creative expression. In this program, the student and the teacher establish a course to meet the personal creative goals of the student. This program is set up for the serious art student who has exhibited exceptional ability and who wishes to pursue a career or lifetime hobby in the arts.

Prerequisite: Art II and permission of the instructor.

Band 120500

The senior high band will study a number of styles of music. Required activities include major concerts such as the Christmas and spring concerts, the Conference Band Clinic, and the District Music Contest.

Band students may audition for Honor Bands and All-State Band. Students in grades 7-12 may join high school band. This class is an elective class for grades 7-12. Only students serious about performing with the band should take this class. Students lacking the basic skills necessary may need to schedule private lessons with the instructor before being admitted to the band. The instructor reserves the right to deny a student's participation if they display behavior deemed inappropriate. While the parents purchase most instruments, the school does have some instruments on hand for rent. Students that use school instruments will be charged a rental fee of \$20.00 per semester. The school will try to have supplies needed by the students (i.e. reeds, oil, etc.) for their purchase as needed. Students may be limited to auditions and financial support from the school.

Class Size: Unlimited

Prerequisite: Permission of Instructor

Vocal Music 120400

Students in grades 9-12 may join vocal music. Emphasis is placed on utilizing vocal techniques to achieve tone projection and articulation needed for performance. The mixed chorus participates in the Cornhusker Conference Clinic, the District Music Contest and concerts during the year. Individuals in chorus may also choose to audition for Honor Choirs and All-State Chorus. This class is an elective class for grades 9-12. Only students serious about performing with the choir should take this class. Students lacking the basic skills necessary may need to schedule private lessons with the instructor before being admitted to chorus. The instructor reserves the right to deny a student's participation if they display behavior deemed inappropriate. Students may be limited to auditions and financial support from the school.

Class size: Unlimited

Prerequisite: Permission of Instructor

BUSINESS AND TECHNOLOGY

Programs of Study	Accounting	Entrepreneurship	Finance	Data Science	Digital Design	Video Production
1st Course	Introduction to Business or Personal Finance	Introduction to Business	Introduction to Business or Personal Finance	Computer Science Principles	Digital Media	Digital Media
2nd Course	Accounting 1	Accounting 1 or Economics	Accounting 1	Foundations of Web Design	Digital Design	Video Production (Newscast)

3rd Course	Accounting 2	Entrepreneur ship	Economics	Statistics	Foundations of Web Design	Foundations of Web Design
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270611 Digital Design (PDF)

270602 Digital Media (PDF)

Accounting 1 (Semester) 030501

This one-semester course covers a service business organized as a sole proprietorship which will include accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, and accounting systems and controls. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting applications using technology.

Recommended for: 10-12th Grade

Accounting 2 (Semester) 030502

This one-semester course covers concepts of a merchandising business, which will include accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic accounting including payroll, related career opportunities, application of generally-accepted accounting principles related to recording, summarizing and reporting, principles of income measurement and asset valuation, and accounting systems and controls. Students are exposed to careers in and related to the accounting field and are given the opportunity to perform accounting applications using technology.

Recommended for: 10-12th Grade

Prerequisites: Accounting 1

Accounting 3 (Semester) 030503

This is a one-semester course that includes partnership and corporate accounting, departmentalized accounting, adjustments in inventory control systems, and further enhancement of accounting skills.

Recommended for: 11-12th Grade

Prerequisites: Accounting 2

Accounting 4 (Semester) 030504

This is a one-semester course that includes further enhancements of accounting skills in partnership and corporate accounting. These skills include examining different types of accounting principles within different organizations, adjustments in inventory control systems, and budgetary control systems.

Recommended for: 11-12th Grade

Prerequisites: Accounting 3

Business Law (Semester) 030900

In this course, students develop an understanding of laws and regulations that impact business. Topics included are contracts, environmental, and employment law. Students also acquire knowledge of business torts, sources of law, and the United States judicial system and legal procedures.

Recommended for: 10-12th Grade

Careers (Semester) 320101

Students learn and apply the career and college planning process using the Nebraska Career Education Model and related resources. Students will identify personal interests, skills and values, then apply this knowledge to both academic and career decision making. Students will demonstrate progress/proficiency in Nebraska Career Readiness Standards of Practice which are current expectations in today's workplace. Students will activate the planning process by setting goals, developing and implement a Personal Learning Plan, for effective transition from high school to most appropriate post secondary education based on knowledge of self, career goal and financial considerations.

Required for: 11th Grade

Computer Science Principles (Semester) 270703

Computer Science Principles introduces students to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computing, you will learn to analyze data, create technology that has a practical impact, and gain a broader understanding of how computer science impacts people and society. Students learn to use a variety of programming languages such as JavaScript to program drawings, animations, games etc. Course concepts include: problem solving techniques, program design, control structures, functions, loops, data structures and algorithms. The course uses the Khan Academy computer-programming curriculum.

Class Limit: 12

Recommended for: 9-12th Grade

Economics (Semester) 031800

Economics is a course designed to help students understand economic principles as applied to current events and issues. Emphasis includes allocation of resources, economic systems, economic institutions and incentives, markets and prices, market structures, productivity, role of government, global economic concepts, and economic indicators.

Required for: 9th Grade

Entrepreneurship (Semester) 032370

Entrepreneurship is a course with emphasis on the evaluation of the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United State and the impact on the national and global economy will be explored. Work-based learning strategies could be included through the development of a business plan, operation of school-based enterprise, or actual creation of a student-run business.

Class Limit: 12

Recommended for: 10-12th Grade

IT Applications 1 (Semester) 270501

Students will explore emerging technologies as it applies to their success for high school, college, and career. The focus will be on the importance of digital citizenship, professional communication practices, advanced document processing, professional presentations, and intermediate spreadsheet and database applications used personally and professionally.

Required for: 9th Grade

Introduction to Business (Semester) 032300

This course is designed to introduce students to the Business, Marketing, and Management Career Field, which focuses on organization, economics, management, marketing, financial management, and operations. Career opportunities and technology will also be used and discussed.

Required for: 9th Grade

Personal Finance (Semester) 033000

The goal of Personal Finance is to help students to become financially responsible, conscientious members of society. To reach that end, this course develops student understanding and skills in such areas as income, money management, budgeting, financial goal attainment, the wise use of credit, insurance, and investments.

Recommended for: 11th Grade

Foundations of Web Design (Semester) 270604

Students will demonstrate knowledge of web design and languages, including HyperText Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to effective page layout, image creation and manipulation, interactivity, content creation, and project management.

Class Limit: 12

Recommended for: 10-12th Grade

FAMILY AND CONSUMER SCIENCE

All classes are only a semester long, if they have an asterisk * they have a course requirement

Programs of Study	Life Span Performance	Nutrition and Wellness	Design	Child Youth and Family Studies
1st Course	Health Sciences 1 (S1)	Fundamentals of Nutrition and Culinary (S1 & S2)	Introduction to Design (S1)	Lifespan Development (S1)
2nd Course	Nutrition* (S2)	Nutrition* (S2)	Home Design and Interiors Or Fashion Design	Child Development* (S2)

			(S2)	
3rd Course	Lifespan Nutrition and Wellness*	Food Science*	Entrepreneurship	Interpersonal Relationships*

Non Programs of Study Courses:

Intro to FCS (9th Grade)

Independent Living (12th Grade)

Introduction to FCS

090101

This is a semester-long class that serves as an orientation to an introduction in the Family and Consumer Sciences Career Pathway. This class focuses on problem solving, goals, decision making, food safety, personal finance, and textiles. This class also includes a study of the National FCCLA organizations, leadership, and career development

Recommended for: 9th grade students

Class Limit: 12 students

Recommended for: 9-10th grades

Independent Living

090104

This course is designed to prepare students for responsibilities in a home, family, and work environment. Personal and career development will be expanded. Topics covered include adult roles and responsibilities, goal setting, decision making, communication, leadership, personal finance, consumer skills, and personal wellness.

Class Limit: 12 students

Recommended for: 12th grade

Health Sciences 1

077300

This course is designed to give an overview of the therapeutic services, diagnostic services, support services, biotechnology research and development, and health informatics pathways. This course focuses on exploring health science pathways and careers, employability skills, ethical and legal responsibilities, safety practices, and technical skills, and the history and current healthcare trends. This is the beginning course for the Life Span Performance pathway.

Class Limit: 12 students

Recommended for: 10-12th grade

Nutrition

090124

This is a semester-long course that looks into the science of nutrition. Topics covered include careers in nutrition, digestion and metabolism, function of the six essential nutrients, nutrient recommendations, diets, meal planning, creating accommodations for consumers, and impacts of the national food system on production and consumerism. Food safety will also be reinforced in this course through hands-on learning opportunities. *Only Junior & Seniors are allowed, and must have passed health sciences 1 or Fundamentals of Nutrition and Culinary with satisfactory grades and safety skills.*

Recommended for: 11-12th grade

Fundamentals of Nutrition and Culinary (Foods and Nutrition) **090107**

This is a semester-long course for the study of nutrition and food safety. The class focuses on nutrition, body processes, food safety, kitchen safety, and food demonstrations. This class is not just for eating, it will include instruction

Class Limit: 10 students

Recommended for: 10th-12th grade

Introduction to Design **090126**

This introductory course explores the definition, application, and evaluation of elements and principles of design in the interior and apparel industries. Topics covered include knowledge of textiles, apparel skills, and interior design skills. Design technology, career opportunities and the skills necessary for careers in design will also be included.

Class Limit: 12

Recommended for: 9th-12th grade

Fashion Design (Textiles) **090206**

This intermediate course explores skills needed for the evolving field of the fashion and apparel industry building on concepts from the introductory course. Topics covered include examining fashion history, fashion trends, distinguishing characteristics of garments, career opportunities, and business principles. The design process will be practiced from fashion concept to implementation through the use of technology.

Class Limit: 8 students

Recommended for: 10th-12th grade

Life Span Development (Human Growth and Development) **090123**

This introductory course explores the physical, intellectual, emotional, and social development of individuals across the lifespan from conception to death. Topics covered are external impacts on development including family structure and practices, theories of development, social and technological forces, and resources available to individuals and their outcomes.

Class Limit: 12 students

Recommended for: 10th-12th grade

Child Development **090119**

This intermediate course provides an overview of developmental stages in the prenatal period through 12 years of age. This course will study the behaviors, skills, and theories of child development to identify the effects of parenting practices, social and cultural, and linguistic diversity. **Recommended only for students who have completed Life Span Development with a B or higher.**

Class Limit: 10 students

Recommended for: 10-12th grade

INDUSTRIAL TECHNOLOGY

Intro to Skilled And Technical Sciences (Photography and Crafts) (Code 100100)

The student will become familiar with different types of equipment and assembly. The student will also be exposed to basic skills and techniques of digital photography.

Manufacturing Processes (Woods 1) (Semester) (Code: 101921)

A course designed to introduce students in the shop areas. Students learn classroom theory and apply safe skills with the construction practices to become familiar with the shop areas. Students will be required to cover the cost of projects they build in this class.

Recommended for: 9th Grade

Class Limit: 12

Transportation 1 (Small Engines) (Semester) (Code 101600)

A course designed to help students with practical information about small engine construction, operation, lubrication, maintenance, troubleshooting, service, rebuilding, and repair.

Class Limit: 12

Advanced Manufacturing and Fabrication-Woods (Advanced Woods) (Code: 101922)

This class is designed to help students further their knowledge in the field of woodworking. The student will design, construct, and finish a project with the use of various power tools in the shop. Students will be required to cover the cost of projects they build in this class.

Class Limit: 12

Prerequisite: Successful completion of Intro to Ag and Industrial Technology. If students are registering for a second year of the class, permission of the instructor is required.

Building Construction (Semester) (Code 100110)

Building construction is designed to help students understand the basic principles of carpentry and masonry. Learning classroom theory and applying skills with on-the-job construction projects, students learn and become familiar with the tools of the trade. Students may also attain work experience from a local construction company.

Class Limit: 10

Prerequisite: Adv. Woods and permission of instructor

Electricity (Wiring) (Semester) (Code: 100405)

Students will have an overview of wiring theory, terminology, tools and practical experience in the skills needed for a career in the electrical field. This course covers skills needed to build circuits, wire residential, and commercial wiring.

Architectural Design 1 (CAD I Architectural Drafting) (Code: 100140)

Students will utilize the Chief Architect CAD program to become familiar with all aspects of architectural drafting. The student will create several sets of pre-designed house plans as well as using their creativity in drawing a house of their own design.

Class Limit: 12

Prerequisite: Grades 10-12

Drafting and Design (CAD 2 Mechanical Drafting) (Code 100130)

Students will utilize the Sketchup CAD program to become familiar with mechanical drafting. The student will use the Sketchup program to draw tools, parts, and cabinets. They will also draw items that can be printed using the 3D printer as well as the laser engraver.

Class Limit: 12

Prerequisite: Grades 10-12

LANGUAGE ARTS

English 9 **050021**

Reading comprehension and the application and analysis of elements of fiction are the emphasis of English 9. Students will read several short stories and novels during this course as well as one play, *Romeo and Juliet*. Vocabulary, writing skills, analysis, comprehension, and presentation skills will be paired with the reading. Grammar usage and sentence structure are studied during the second quarter. In the fourth quarter, there is an informative speech unit which includes choosing a topic, doing research, drafting a speech, creating visual aides, and presenting the speech.

Required for: 9th Grade

English 10 **050022**

The curriculum of English 10 will center around grammar and writing, research, short story analysis, historical fiction, and memoir. Grammar and writing skills will include the process of creating different types of sentences and understanding how to create cohesive paragraphs, which lead into essays. Studies in literature will focus on analyzing different genres such as short stories, novel, poetry, drama, and memoir. Two small research projects will be conducted along with reading novels during the second semester.

Required for: 10th Grade

English 11 _____ **050023**

Students in English 11 will apply the grammar skills they have learned via regular writing assignments during the second and third quarters of the year. Students will be exposed to different forms of literature written by American authors, ranging from Native American literature to contemporary literature. The study of literature will include the use and understanding of relevant vocabulary words. Students will be involved in class discussions over literature and writing via debates, town hall discussions, and Socratic Seminars. Daily ACT prep questions will highlight the importance of the ACT as both an entrance exam and as a Nebraska State Test.

Required for: 11th Grade

English 12 _____ **050024**

This course will include a study of British literature during the first semester. Students will verbally analyze the literature via Socratic Seminar. The second semester will be dual-focused on contemporary literature and writing. Practical writing in the form of business letters and expository essays will be included in the curriculum.

Required for: 12th grade unless enrolled in English Comp 1010 and Writing and Research 1020.

Creative Writing (Semester) (FALL) _____ **050100**

This course is designed to give students more experience in writing in a variety of genres to include technical writing, fiction writing, non-fiction writing, and poetry composition.

Advanced Speech (Semester) (SPRING) _____ **050502**

This is a course designed to help students prepare to participate in speech competitions. In the third quarter, emphasis will be placed on material selection, writing, visual aid creation, and delivery in regards to speech. Use of props is also highlighted. Students are required to participate in competitive speech while in this class. During the fourth quarter, students will focus on script cutting, writing speeches, and using techniques of persuasion.

Journalism _____ **050401**

This course is for producing the school's high school and elementary yearbooks. Students will learn how to take effective digital pictures, which includes editing using Adobe Photoshop. Students are taught page layout using Jostens Yearbook Avenue online. Photography during home sporting events, concerts, and other extra curricular competitions is a required part of this course. Newswriting is also taught during this course as articles for the local newspaper will be written and submitted weekly.

Newscast/Video Production 270609

This course focuses on broadcast journalism and publishing. The students will write news scripts, edit scripts and videos, and use a teleprompter and green screen. The newscast will be uploaded to the school website, to social media, and will be shown in the school each Friday. Students will complete video editing using iMovie and Final Cut Pro.

English Composition 1010 dual credit (3 College Credits)

An exploration of personal, expository, and persuasive writing.

Prerequisite: English and Reading scores of at least an 18 on the ACT.

English Writing and Research 1020 dual credit (3 College Credits)

This course focuses on writing extended research based essays. There is also emphasis on research and organizational strategy, use and integration of multiple sources, and the proper use of library resources. A research paper is required.

MATHEMATICS

Traditional / 4-Year College Prep	Traditional / 2-Year College Prep	Modified / Work Force
Algebra I	Algebra I	Algebra I
Geometry	Geometry	Applied Math
Algebra II	Algebra II	Geometry
Advanced Math	Advanced Math or Transitional Math	Algebra II or Transitional Math
College Math Class*		
*Upon completion of all above required course work or administrative approval		
Note: Once a student has successfully completed a course, they may not "back up" to an earlier course.		

Algebra I 110300

Algebra I is for students grades 7-12 with average or above mathematical ability. This course included a review of four fundamental operations on real numbers and their use in the solution of equations and related problems. Polynomials, factoring and fractions lead to the solution of more complicated problems. A study of functions and relations and systems of open sentences extend the range of problems that can be solved. The course concludes with a study of irrational numbers and quadratic functions. School District

#67 recognizes the important role mathematics play in the education of students. With that in mind, this class can be offered to students as early as the 7th grade if they meet criteria established by the instructor and administration.

Geometry 111200

Geometry is for students who have successfully completed Algebra I and wish to improve their mathematical and logical reasoning ability. The course includes a study of the basic figures of geometry. The student will develop an understanding of the nature of proof and gain experience in writing proofs in triangles, quadrilaterals, similar polygons, right triangles, and circles.

Prerequisite: Algebra I

Algebra II 110306

A continuation of the elementary algebraic concepts presented in Algebra I. The course begins with a review of the properties of real numbers and linear equation solving in two variables. A study of polynomial functions and methods of factoring polynomials is applied to problem solving and graphing of quadratic functions. A review of irrational numbers leads to the solving of quadratic equations using the quadratic formula and graphing of quadratic relations. The course concludes with a study of exponential functions and logarithms, sequences and series, and matrices.

Prerequisites: Geometry or permission of instructor

Transitional Math

A course for juniors and seniors who wish to review the basic concepts of algebra and geometry, as well as applied mathematics concepts. This course is designed for students that want an alternative to advanced math, especially students who plan to attend a 2-year college after graduation. Topics covered will include solving equations, rational numbers, graphing, quadratic functions, area, perimeter and volume, statistics and probability, right triangle trigonometry, law of sine's and cosines, budgets and taxes.

Prerequisite: Algebra I and Geometry

Advanced Math

A one-year course for college prep students. The course begins with a study of coordinate geometry, graphs of inequalities and functions. A detailed discussion of trigonometry and its applications to include the law of sine's and cosines. The remainder of the year is spent covering pre-calculus topics such as analytical geometry, systems of equations, sequence and series, exponents and logarithms, and an introduction to the f, a fundamental idea of calculus the limit.

Prerequisite: Algebra II and Geometry

College Algebra 1150 Dual Credit (3 College Credits)

This course is the study of relations, functions and their graphs, equations, and inequalities, polynomial and rational functions, exponential and logarithmic functions, systems of equations, and inequalities.

Prerequisite: Score at least a 22 on the Math portion of the ACT.

Analytic Geometry and Calculus I Dual Credit (5 College Credits)

This course is a study of analytic geometry and single variable calculus. Topics include limits, continuity, derivatives, applications of derivatives, integrals, and applications of integrals.

Prerequisite: Advanced Math, Math ACT of 24 or above.

PHYSICAL EDUCATION AND HEALTH

PE/Health

A co-educational class broken down into segments of PE and Health. Activities and skills acquired in junior high are refined and reemphasized. Realizing the benefits of staying physically fit throughout lifetime participation will be promoted. A more detailed study of previous health practices will be taught. The following will be given emphasis: first aid, drug use, body functions, nutrition, attitudes, and physical, mental and social health.

Required for: 9th Grade

Advanced Physical Education/Weight Lifting

A specialized course with physical fitness and lifetime sports as its central focus primarily directed to: a) physical fitness as assessed through measures of strength, flexibility, and circular respiratory endurance, plus ratings of static and dynamic posture, b) emphasizing the advantages of voluntary participation throughout life in a variety of activities. Weight lifting places emphasis on muscular strength, endurance, flexibility, and safety. Students will work on developing a personal weight training plan.

SCIENCE

Physical Science

Physical Science addresses the Nebraska Physical Science Standards. Content covered will include the following questions as outlined in the physical science standards.

- How can one explain the structure and properties of matter?
- How do substances combine or change (react) to make new substances? How does one characterize and explain these reactions and make predictions about them?"
- How can one explain and predict interactions between objects and within systems of objects?
- How is energy transferred and conserved?
- How are waves used to transfer energy and send and store information?

Required for: 9th Grade

Biology

Biology addresses the Nebraska Life Science Standards. Content covered will include the following questions as outlined in the life science standards.

- How do the structures of organisms enable life's functions?
- How are the characteristics from one generation related to the previous generation?
- How do organisms obtain and use energy they need to live and grow? How do matter and energy move through ecosystems?
- How do organisms interact with the living and non-living environment to obtain matter and energy?

- How can there be so many similarities among organisms yet so many different plants, animals, and microorganisms? How does biodiversity affect humans?

Required for: 10th Grade

Applied Science

This course covers several applications of science in the areas of biology, physics, and chemistry. The emphasis of the course is on the science process and problem solving. This course is designed for those students who do not enroll in chemistry class.

Prerequisite: Physical Science and Biology

Grade - 11th and 12th Grade

Chemistry

Strongly recommended for those juniors (seniors) who are considering going to college. The course contains abstract concepts that some consider challenging. The content of the course includes the nature of matter, atomic structure, chemical nomenclature, chemical reactions & equations, qualitative analysis, solutions, stoichiometry, acids & bases, and additional concepts time permitting.

Prerequisite: Biology and Algebra I or permission of instructor.

Grade - 11th and 12th Grade

Advanced Sciences

Recommended for those seniors who plan on attending college. The content of this course will include areas of advanced chemistry, advanced biology, anatomy and physiology, and physics. The course may be modified to best meet the needs of the students enrolled. Emphasis will be placed on the science process skills and problem solving.

Grade -12th Grade

Prerequisite: Biology and Chemistry

Physics

Recommended for those juniors and seniors who are considering careers in science, engineering. Must have an excellent mathematical background. First semester covers mechanics and energy. Second semester covers waves, electricity and magnets. Topics covered if time permits are electronic devices and subatomic physics.

Prerequisite: Algebra II and currently enrolled in Advanced Math or permission from the instructor.

*****Offered as Needed***

Anatomy and Physiology

The course is a systematic study of human anatomy and physiology. Emphasis is placed on structural anatomy with a more basic approach to physiology.

Prerequisite: Biology and Chemistry

*****Offered as Needed***

SOCIAL SCIENCES

Modern World History (Semester) (FALL) 150800

This course begins with a summarization of pre-history and progresses to the present time. The course is a record of the past, encompassing those peoples and events that influenced the development of the world as it is today.

Required for: 10th Grade

Geography (Semester) (SPRING) 150700

In this course, we will learn geography basics: vocabulary terms and reading maps as well as focus on South America, Europe, Asia, and Africa. We will focus on these different areas and look at their physical geography and their human geography. The course also includes memorization of countries on these continents.

Required for: 10th Grade

American History 150820

This course begins with the end of World War II and progresses to the present time. The course provides an introduction to the social, political, cultural, and economic changes taking place in America from the end of World War II to an industrial-technocratic democracy in a global age.

Required for: 11th Grade

American Government 151110

This course covers the structure, organization, and function of government in the United States at the national, state, and local levels. The course also provides opportunities for student to discuss world and national problems, which are in the news or are continuing problems at the national or world level. It prepares students for their citizenship role in the adult world they are about to enter.

Required for: 12th Grade

Economics (Semester) (SPRING)

This course is a study of the principles, practices, features, and functions of our American and world economics. Topics studied include economic theory, current economic issues, and careers in economics. Learning terms, skills, and concepts essential in understanding the value of economics are the primary aim of the course. Also, students will learn how economics affects their personal lives on a world, national and personal level.

Modern Problems (Semester) (FALL) 151103

In this class, we focus on three places: Afghanistan, Mexico, and North Korea. We will read about the history of each place and learn how the events of the past have directly affected their current state today. By learning about their past, it helps form a better understanding of what is happening there today.

Psychology (Semester) (SPRING) 151200

An introduction to the science of psychology including the application of critical thinking to the study of learning theory, memory, personality, growth and development, biological and neurological aspects,

abnormal behavior, therapies, intelligence, motivation, emotion, sensation, perception, and theoretical perspectives.

Sociology (Semester) (FALL) 151300

A course that will focus on studying human social behavior. Sociology studies the patterns in social relationships and how these can help individuals. This course will look at culture and social structures, social inequality, social institutions, and social change.

WORLD LANGUAGE

Spanish I 060241

Spanish I will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information, and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading, and limited writing. There are two main objectives to the course. Foremost is to give the students the ability to carry on a simple conversation. The second is to provide the students with instruction that teaches a basic understanding of Spanish culture, vocabulary, and grammatical concepts.

Prerequisites: Students should have a good background in English grammar and sentence structure.

Spanish II 060242

Spanish II builds upon knowledge gained in Spanish I. Students will be responsible for vocabulary and grammar covered in Spanish I. This course will also reinforce the skills learned in Spanish I: listening, speaking, reading, and writing. Emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Acquisition of functional vocabulary is expected. Students will be exposed to the past tenses, future, conditional, and subjunctive mood. Students will be expected to apply them in their writing and speaking.

Prerequisites: Spanish I

Distance Learning Classes

Through the Nebraska Network, students will be able to access distance learning classes. Each year, technology allows us to access more classes throughout the state; thus, changing the number and types of courses each year. Humphrey Public School district pays the cost for textbooks used in these courses.

Courses students have been able to take in the past are as follows:

Business Law
College Algebra
College Calculus

College Psychology
College Public Speaking
English Composition

Intro to Literature
Sports Marketing
Statistics

To be eligible to take various college courses, there may be an ACT or MAP acceptable minimum score that must be on file before registration can be secured.

ACE Scholarship: Nebraska has established this scholarship for high school students who wish to take college credits while in high school. To meet guidelines, students must be on free or reduced lunches. Currently, there are no restrictions on the number of college hours that a student can take. Students file an application online in late summer for fall semester, and December for spring semester classes.

Junior High Courses

English 7

English 8

Agriculture 7

Agriculture 8

Family Consumer Sciences (FCS) 7

Family and Consumer Sciences for 7th graders focuses on the textiles, sewing, and design field as well as Foods and Nutrition Principles. Students will be able to demonstrate basic sewing skills before and during the construction of a project. Students in this course will also be able to identify the MyPlate groups, foods, importance of each, recommended amounts, and how the MyPlate can help them make better eating choices. Students will also be given hands-on opportunities to practice kitchen safety skills.

Family Consumer Sciences (FCS) 8

Family and Consumer Sciences for 8th graders focuses on personal finance, college and career ready skills, and housing and interior design. There is a strong emphasis on understanding personal finance terminology, understanding the flow of money, and identifying short and long term financial goals. Students will also be able to identify employability skills helpful in obtaining and maintaining a job. Students will do a deep dive on the Nebraska Career Education Model and research a few careers that might interest them. At the end of the quarter students will be able to identify the purpose and function of a home. They will apply their knowledge over personal finance to make wise choices with the housing market.

Social Studies 7

Social Studies 8

Math 7

Math 7 is a fundamental course that provides students a review of elementary math skills dealing with fractions and decimals along with their applications in the area of consumer math. An emphasis on operations with rational numbers is the focus of the first semester of this course. Second semester is spent

preparing for pre-algebra by formally introducing the concept of variables, simplifying variable expressions, and solving one- and two-step equations and inequalities. A review of statistics, probability, and geometric figures rounds out the course. Math 7 is typically taken by 7th grade students who are in need of a review of elementary skills before taking pre-algebra.

Pre-Algebra 8

Pre-Algebra is to serve as a bridge between elementary mathematics and Algebra. This course will build a foundation of algebraic concepts through the use of technology, manipulatives, problem solving, and cooperative learning. Concepts include algebraic expressions, linear equations, inequalities, geometry, statistics, and graphing. Problem solving, reasoning, estimation, and connections between math and everyday applications will be emphasized throughout Pre-Algebra. This course is designed to prepare students for Algebra I.

Media 7

Media 7 is an introductory course to digital, print, video, and social media platforms. This course will build a foundation for writing complete sentences and paragraphs, creating digital documents, editing of photos using Adobe Photoshop, speaking in front of a group, and publishing information to the web. Students will write captions for photos, will write interview questions, and will create a script for the weekly newscast. Students will learn basic Photoshop editing skills such as erasing pieces of images, resizing images, adding text to images, blending images together, creating GIFs, and creating photo documents using multiple media methods. Students will also learn the basics of video editing using iMovie. They will incorporate green screen technology into video editing as they learn how to blade videos, add music, add photos, and export videos for publication on the school's YouTube page.

Media 8

Media 8 builds on the foundational information and skills learned in Media 7. Students will write articles for the newspaper, publish poems, and write short stories. Students will learn skills in Adobe Photoshop that will include using Layer and Clipping masks, using the Clone Stamp Tool, using multiple images to create a scene, and using the Shape tool to create inanimate objects such as snow globes and ornaments. Students will increase their reading rate with the use of the Teleprompter app and mirrored glass. In iMovie, students will learn how to detach audio, use picture-in-picture technology, use screen recording, and other technological details. Students will learn how to take candid pictures using a digital camera and iPad.

Computers 7

Computer Applications 7 provides students with instruction in basic computer skills. Students will learn to understand computer related terms and identify computer hardware components and peripheral devices. Students will acquire knowledge of word-processing and keyboarding. They will understand the legal, social and ethical issues related to the use of computers in daily life, including internet safety practices.

Computers 8

Computer Applications 8 provides students with advanced instruction in basic computer skills and provides the foundation for more advanced middle school technology courses, including Multimedia

Design. Students will build on their knowledge of word-processing and keyboarding, while learning other office applications to create authentic projects. They will understand the legal, social and ethical issues related to the use of computers in daily life, including internet safety practices.

JH Band

JH Study Skills

This course is designed to help students develop and use study skills that will help them become successful learners. Students will learn various techniques that will be helpful to them throughout their academic years. Topics include time management, organization, reading strategies, learning styles, note taking, test preparation and test taking strategies.

JH Choir

Middle School Physical Education

Middle School Physical Education is to foster participation in physical activities by applying movement concepts and skills that the students can appreciate for the rest of their life. In the process, the students will use critical thinking skills, decision-making and problem-solving skills as they relate to the middle school student and physical education.

Science 7

This course will include a heavy emphasis on the process of science. Students will use the science skills to solve problems related to the course content. Content of the course will include the following areas:

- Matter and Chemistry.
- Chemical Reactions.
- Energy, Matter and Living Things.
- Recycling of Matter on Earth
- Earth's History - Fossils & Plate Tectonics

Required for: 7th Grade

Science 8

This course will include a heavy emphasis on the process of science. Students will use the science skills to solve problems related to the course content. Content of the course will include the following areas:

- Matter and Chemistry
- Energy
- Heredity & Genetics
- Natural Selection and Adaptations
- Sun - Earth - Moon Systems
- Waves and Radiation
- Earth's History - Geologic Time

Required for: 8th Grade