

BELOIT JR./SR. HIGH SCHOOL
COURSE DESCRIPTION GUIDE



ENGLISH LANGUAGE ARTS: 4 credits required to graduate

ENGLISH 9: In English 9, students indulge in texts of high complexity to develop skills as critical thinkers, readers, and writers. By developing these skills, students will ensure career preparation and college readiness. Works studied throughout the class will include short stories, poetry, novels, Shakespeare, critical vocabulary, and films. Writing and grammar will be provided in a multitude of genres ranging from personal narrative, one research paper, literary analysis, and reflection. Effective speaking, listening, and collaborative skills will be used to convey awareness of presentation impact on audiences. Developing skills, fluency, and confidence in written language will guarantee success from English 9 to English 10. They will also practice ACT skills on a regular basis. This course is taken in the 9th grade year; it is required to graduate. If this course is not passed, then it must be made up sometime within the next three years of high school.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = ENG9

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LITERATURE AND COMPOSITION 10/SPEECH: Literature and Composition 10 fulfills the requirements for English 10. The course will follow a relatively similar scope of texts and address the same learning objectives as English 10. Students are expected to comprehend literature and directives with a limited need for remediation. The course will offer additional enrichment and advancement opportunities. The course will empower students to study the literature more comprehensively, bolster scholastic writing skills, concentrate on draft development and revisions, and emphasize the acquisition of academic language, rhetorical strategies, sociocultural perspective, and intertextual connections. Students enrolled in the course will not receive more or lengthier assignments, but the expectations for assignments will be more extensive. Students must score in the 80th percentile or above on the MAP assessment or have a teacher recommendation from the prior English teacher in order to enroll in this class.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = LITC10

OR ENGLISH 10/SPEECH: As a continuation of English 9, English 10 will focus on a variety of texts including literary short stories, classic dramas, classic and contemporary poetry, and fiction and nonfiction novels. Students will engage in meaningful reading tasks that promote fluency and comprehension. Informal and formal writing tasks will utilize all steps of the writing process. Students will write three formal essays in the course: a narrative, an argumentative research paper, and a literary analysis essay. English 10 is designed to flow seamlessly into English 11. The course will also have daily tasks that bolster the editing, grammar, and reading comprehension skills needed to find success on the ACT. This course is taken in the 10th-grade year; it is required to graduate. If this course is not passed, then it must be made up sometime within the next two years of high school.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = ENG10

OR PRACTICAL ENGLISH 10/SPEECH: Practical English 10 students will benefit from additional remediation and support to meet the learning objectives. The course will follow a relatively similar scope of texts and address the same learning objectives as English 10. Course assignments and texts will be modified and streamlined to meet the needs of each student. This is a required class to graduate if replacing English 10 with it. This course may not be offered each year, depending on availability.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = PENG10

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ENGLISH 11: Students in English 11 will study a variety of American Literature, including historical nonfiction, classic, contemporary novels, and short stories. A mixture of reading guides, reflections, analytical essays, and argumentative research will be used at various times to study the texts that are read. Speaking and listening skills will also be practiced in the form of small and large group discussions, as well as short and long presentations. ACT skills will be practiced on a regular basis. This course is taken in the 11th grade year; it is required to graduate. If this course is not passed, then it must be made up some time within the next year of high school.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = ENG11

OR PRACTICAL ENGLISH 11: Students in Practical English 11 will learn and practice practical writing skills, review and expand on basic grammar and usage skills, and study various selections from American Literature. Evaluation will include quizzes, study guides, tests, formal book reports, and writing assignments. This course is a slower-paced, more technical version of English 11 for students who may struggle with English classes. This is a required class to graduate if replacing English 11 with it. This course may not be offered each year, depending on availability.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = PENG11

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ENGLISH 12: This course emphasizes reading, writing, speaking and listening skills necessary for college and career readiness. The curriculum requires an in-depth study of multiple literary genres (both classic and contemporary), authorial purposes, universal and cultural themes, and application of literary vocabulary to the thinking process while discussing literature. Selected readings clarify important ideas, stimulate discussion, and act as a springboard for writing. There is a comprehensive study of varied written rhetorical devices and application of these devices to writing projects. Daily language skills are emphasized to reinforce proofreading skills and to encourage a “rules approach” to decision making when selecting appropriate, standard English application of grammatical and mechanical rules. Expectations include completion of all major written projects, readings, daily work, and required projects. This course is taken in the 12th grade year; it is required to graduate. If this course is not passed, then it must be made up through an online credit recovery program prior to graduating from Beloit High School.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = ENG12

OR PRACTICAL ENGLISH 12: This course emphasizes reading, writing, speaking, and listening skills necessary for college and career readiness. The curriculum requires a study of

multiple literary genres (both classic and contemporary), authorial purposes, universal and cultural themes, and application of literary vocabulary to the thinking process while discussing literature. Selected readings clarify important ideas, stimulate discussion, and act as a springboard for writing. There is a comprehensive study of varied written rhetorical devices and application of these devices to writing projects. Daily language skills are emphasized to reinforce proofreading skills and to encourage a “rules approach” to decision making when selecting appropriate, standard English application of grammatical and mechanical rules. Expectations include completion of all major written projects, readings, daily work, and required projects. This course is a slower-paced, more technical version of English 12 for students who may struggle with English classes. This is a required class to graduate if replacing English 12 with it. This course may not be offered each year, depending on availability.

CREDIT = 1 BHS GRADUATION REQUIREMENT

CODE = PENG12

OR COLLEGE COMPOSITION I / II: English Composition I will examine rhetorical strategies and application of these strategies through writing, emphasizing grammatical correctness, acceptable usage, effective organization and expression of ideas. Critical thinking, argumentation, research, and analysis of selected readings are part of the course. Assigned readings, expository writings and a research paper are required. Prerequisite requirements: Appropriate ACT/Accuplacer scores or permission by the Dean of Instructional Services. This is a concurrent credit college class that will replace English 12. This course is offered through Ft. Hays Tech/NC for 3 credit hours each semester for a total of 6 credit hours for the year = \$150 due each semester. In order to take this course, students must have an 18+ on ACT Reading **AND** ACT English; **OR** Accuplacer Reading and Writing test score of 255+; **OR** a 3.00+ high school cumulative unweighted GPA after five or more semesters; **OR** 16+ ACT Reading **AND** ACT English **AND** B or higher (not B-) in most recent high school English course; **OR** 2.7+ high school cumulative unweighted GPA after 5 or more semesters **AND** B or higher (not B-) in most recent high school English course. If this class is taken, it must be passed in order to graduate from Beloit High School. Composition II is a continuation of Composition I focusing on persuasive writing. Emphasis will be on the writing process, the writing workshop and incorporating research and documented sources into writing. Assigned readings, expository writings and a research paper are required. This course can only be taken as a senior.

CREDIT = 1 BHS GRADUATION REQUIREMENT

CODE = COMPI COMPII

7TH GRADE ENGLISH: The core curriculum is based on the Kansas College and Career Readiness Standards (KCCRS). At the seventh grade level, study is balanced between the reading, writing, language, speaking, and listening standards. In reading, students analyze literature and read from a variety of genres including the short story, poem, and novel. Looking for evidence and research skills are developed while reading informational text. Students write a variety of text types including arguments, informative or explanatory assignments, and narrative prompts. Students develop reading and listening skills through classroom presentations, debates, and discussions. Required.

CODE = ENG 7

8TH GRADE ENGLISH: The eighth grade English/Language Arts course is a continuation of study on the Kansas College and Career Readiness Standards (KCCRS). At the eighth grade level, study is balanced between the reading, writing, language, speaking, and listening standards. Students analyze literature and read from a variety of genres including the short story, poem, and novel. Looking for evidence and research skills are developed while reading informational text. Students write for a variety of purposes and in a variety of types including arguments, informative or explanatory texts, and narratives while developing grammar usage and mechanics. Students develop reading and listening skills through classroom presentations, debates, projects and discussions. Required.

CODE = ENG 8

ELA ENRICHMENT: Junior High

CODE = ENRICH

ENGLISH LANGUAGE ARTS ELECTIVES

COLLEGE SPEECH: This is a college course in the study and practice of the basic principles of speech and interpersonal communication. Students examine a variety of speaking situations including workplace speaking, persuasive speaking, and special occasion speaking with emphasis on critical thinking, creative, and intelligent selection of material, organization, and oral presentations. This course is available for students in grades 11-12. This course is offered through Ft. Hays Tech/NC for 3 credit hours = \$150. This is a one-semester class. There is no minimum ACT score to qualify for this class. This is an elective class.

CREDIT = ½

CODE = CSPCH

LITERATURE EXPLORATION: Literature Exploration is a Language Arts elective where students will work independently and in groups to explore both classic and contemporary literature. We will look at well-known authors from the canon of classroom literature and explore the works they produced. We will read and discuss a range of genres and types of literature including short stories, poetry, and novels. Selections will be chosen with student interest and preference in mind. This class is designed to give students exposure to authors and literature that they might have heard about but have not had the opportunity to explore. Classwork will consist of reading, discussions, and student choice projects. This is an elective class. This course is available for students in grades 9-12.

CREDIT = 1

CODE = LITEXP

21ST CENTURY JOURNALISM: The course promotes skills needed today and in the future. The course promotes adherence to the ethical practices of finding and reporting newsworthy activities in our school and community. Mediums include both electronic (social media) and print formats. Specific skills involve interviewing and writing in a responsible manner. Students will also understand concepts related to digital media, including photography. Consideration is given for the legal and ethical issues related to reporting news. Computer layout and design is an important element for the course. Digital image manipulation and visual structure for framing images is also a key skill that students will explore. Students develop and refine real world skills of planning, designing, and publishing news within a specified timeline and given an often

changing environment and availability of content. Meeting deadlines and producing high quality products is a primary life-skill for students in this course. This Journalism course produces the Trojan Times newspaper and publications. First semester is entitled 21st Century Journalism and second semester is entitled Journalism. Students grades 9-12 can take this class. This is an elective class.

CREDIT = 1

CODE = 21CJOU

MATH: 3 credits required to graduate

ALGEBRA IA: Algebra IA is a one-year course which introduces students to the foundational skills needed for more advanced mathematical courses. It is intended for students who are not prepared for the academic challenges of the traditional Algebra I curriculum. Course topics include a basic review of the four operations using integers, solving first degree equations and inequalities, and linear functions. This course is the first half of Algebra I and is taken across the whole school year. The traditional track for students who take this course is to go on to Algebra IB; however, if the course is passed easily and the student feels ready, he/she can move on the following year to Algebra I.

CREDIT = 1

CODE = ALGIA

ALGEBRA IB: Algebra 1B is a one-year course designed as the second year option for students who have successfully completed Algebra 1A and introduces linear, quadratic, and exponential relationships by comparing and contrasting them with each other. Students will apply linear models to data, create and solve equations and inequalities, and solve systems of equations. This course is the second half of Algebra I across the whole school year. This course is traditionally taken after Algebra IA has been passed successfully.

CREDIT = 1

CODE = ALGIB

ALGEBRA IC: Algebra IC is a one-year course designed as a “third-year” option for those students who have completed Algebra IA and Algebra IB. Course topics include solving systems of equations and inequalities, factoring polynomials, solving quadratic equations, and a basic introduction to geometry. This course is traditionally the third math class taken after the successful completion of Algebra IA and Algebra IB. A student can, however, move from Algebra IB to Algebra I or Geometry if the Algebra IB is passed easily and he/she feels ready.

CREDIT = 1

CODE = ALGIC

ALGEBRA I: Algebra I deepens and extends the understanding of linear, quadratic, and exponential relationships by comparing and contrasting them with each other. Students will apply linear models to data while examining trends as they engage in methods for analyzing, solving, and using quadratic functions. Students will create and solve equations, inequalities, and systems of equations involving quadratics. In addition, students will expand their experience with functions to include more specialized functions—absolute value, step, and piecewise

defined functions. This course is typically taken the freshman year, although some students will have already taken it in the 8th grade if they are on the Advanced Math track, and this will count as a high school credit on the transcript.

CREDIT = 1

CODE = ALG I

GEOMETRY: Geometry introduces mathematical properties, theorems, and vocabulary involving proofs and the study of points, lines, planes, angles, triangles, polygons, circles, congruence and similarity, area and volume, and coordinate geometry and the application of these concepts in context. Logical thinking strategies are developed through a more rigorous level of problem solving and evaluation. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument. This course is typically taken after the successful completion of Algebra I.

CREDIT = 1

CODE = GEOM

ALGEBRA II: Students will learn to solve different families of equations including linear, quadratic, polynomial, exponential, logarithmic, rational, and radical equations. They will also learn to graph and manipulate functions in each of those families. In addition, they will learn how these functions can be used to model real world applications. This course is typically taken after the successful completion of Geometry.

CREDIT = 1

CODE = ALG 2

TRIGONOMETRY/ANALYSIS: Trigonometry is an upper-level, semester course, intended for those students wanting to further their mathematical education. Course topics include right triangle ratios, solving trigonometric equations, laws of sines and cosines, graphing trigonometric functions, and the unit circle. This course is typically taken after the successful completion of Algebra II. Analysis is an upper-level, second-semester course, designed as an introduction to topics of study in calculus. Course topics include solving linear, rational, and quadratic equations and inequalities, linear, quadratic, polynomial, and rational functions, and an introduction to limits. Students can take this as a full year class or one semester or the other.

CREDIT = 1 or 1/2

CODE = TRIG ANALYS

INTERMEDIATE COLLEGE ALGEBRA: The concepts of fundamental operations with real and imaginary numbers, symbolism used in Algebra, solving and graphing equations, and applications of these concepts to word problems will be developed. This course is designed for students who have only one year of high school algebra, are inadequately prepared for College Algebra. Topics covered include number systems, linear equations and equalities, polynomials, exponents, rational expressions, and quadratic equations. This class is only for high school credit and does not guarantee admission into College Algebra after this course is completed.

CREDIT = ½

CODE = INTCAL

COLLEGE ALGEBRA: The course reviews the fundamental concepts of real and imaginary numbers along with symbolism used in Algebra. Concepts to be developed include solving and graphing linear and quadratic equations, exponential and logarithmic functions, and systems of equations and matrices. Students will apply these concepts to real world

situations through word problems. This course is offered through Ft. Hays Tech/NC for 3 credit hours = \$150. This is a one-semester class and can be taken either semester. This course is available to grades 11-12. In order to take College Algebra, students must have:

Math ACT score of 22 or higher **OR** Accuplacer math score of 263 or higher **OR** high school cumulative GPA of 3.25 or higher **AND** B- or higher in the second semester of Algebra II.

CREDIT = ½

CODE = COALG

COLLEGE CALCULUS: The students will learn how to find limits and will use their understanding of limits to learn how to find derivatives and antiderivatives. They will learn to apply derivatives to the analysis of functions, find the equation of a tangent line to a graph, find instantaneous rates of change and related rates, and solve optimization problems. They will learn to use integrals to find the area under a curve and find volume and surface area of shapes created by rotating functions around an axis. This course is offered through CCCC for 5 credit hours = \$390. This is a year-long class; students pay the full amount in the first semester and nothing the second semester. Students must have a 25 on the math portion of the ACT and have completed College Algebra in order to take this class. This course is available only to seniors.

CREDIT = 1

CODE = CCalc

COLLEGE ESSENTIAL MATH: This course is offered through Ft. Hays Tech/NC for 3 credit hours = \$150. This is a one-semester class and can be taken first semester. This course is available to grades 11-12. In order to take College Essential Math, students must have:

Math ACT score of 19 or higher **OR** Accuplacer math score of 255 or higher **OR** high school cumulative GPA of 3.00 or higher **AND** C- or higher in the second semester of Algebra II.

CREDIT = ½

CODE = ESSMA

COLLEGE STATISTICS: This course is offered through Ft. Hays Tech/NC for 3 credit hours = \$150. This is a one-semester class and can be taken second semester. This course is available to grades 11-12. In order to take College Statistics, students must have: Math ACT score of 19 or higher **OR** Accuplacer math score of 255 or higher **OR** high school cumulative GPA of 3.00 or higher **AND** C- or higher in the second semester of Algebra II.

CREDIT = ½

CODE = COLSTA

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7TH GRADE MATH: Throughout the course of the year, students will analyze proportional relationships and use them to solve real-world and mathematical problems. Students will also solve real-life and mathematical problems using numerical and algebraic expressions and equations. Students will work with different concepts and procedures of data analysis. In addition, students will solve real-world problems involving angle measure, area, surface area, and volume. Required.

CODE = MATH7

OR 7TH GRADE ADVANCED MATH: Students taking 7th Grade Advanced Math will be working with several new concepts that build off their own previous knowledge from 6th grade on an advanced track. Throughout the course of the year, students will work with rational and

irrational numbers, analyze and solve linear equations, and use functions to model relationships between quantities. Students will also understand and apply the Pythagorean Theorem and solve real-world and mathematical problems involving volume of cylinders, cones, and spheres. In addition, students will also work with statistics and probability. **CODE = ADMATH**

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8TH GRADE MATH: Throughout the course of the year, students will work with rational and irrational numbers, analyze and solve linear equations, and use functions to model relationships between quantities. Students will also understand and apply the Pythagorean Theorem and solve real-world and mathematical problems involving volume of cylinders, cones, and spheres. In addition, students will also work with statistics and probability. Required.

CODE = MATH8

OR 8TH GRADE ALGEBRA I: Algebra I deepens and extends the understanding of linear, quadratic, and exponential relationships by comparing and contrasting them with each other. Students will apply linear models to data while examining trends as they engage in methods for analyzing, solving, and using quadratic functions. Students will create and solve equations, inequalities, and systems of equations involving quadratics. In addition, students will expand their experience with functions to include more specialized functions—absolute value, step, and piecewise defined functions. This course is typically taken the freshman year, although some students will have already taken it in the 8th grade if they are on the Advanced Math track, and this will count as a high school credit on the transcript.

CODE = ALGI

SCIENCE: 3 credits required to graduate

PHYSICAL SCIENCE: Physical Science is a laboratory course emphasizing the process of scientific investigation through the study of the physical world. The course introduces the general principles of physics and chemistry. Topics include measurement, motion, momentum, energy, work, power, heat, thermodynamics, waves, sound, light, electricity, magnetism, and chemical principles. Upon completion, students should be able to demonstrate an understanding of the physical environment and be able to apply the scientific principles to observations experienced. Laboratory work reinforces the principles discussed in lecture. A small amount of the course will be dedicated to Earth system processes. The course will introduce the student to the quantitative nature of knowledge and the skills of scientific investigation. This course is a required science credit and is typically taken the freshman year.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = PHYSC

BIOLOGY: The major purpose of this course is to provide understanding of the basic biological concepts: The diversity of organisms, the cell, heredity, matter, energy, and organization of living systems, evolution of living systems, physiology, the biosphere, and interdependence of abiotic and biotic factors. Focus is on active student participation in investigations and the development of critical-thinking skills. Biology lays the foundation for further studies in life

sciences and also serves as a post-secondary readiness course. This course is a required science credit and is typically taken the sophomore year.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = BIO

HUMAN GROWTH AND DEVELOPMENT B: This course is an examination of human development throughout the lifespan. The course begins with pregnancy and birth and continues through death. Students will examine the physical, cognitive, and socioemotional developmental milestones and potential health concerns associated with each age group. This course will include hands-on experiences including use of the pregnancy belly, use of the infant care simulator, visits to the elementary school, visits to the nursing home, and funeral planning. This course can serve as a science elective.

CREDIT = 1 CODE = HUMAN

EARTH & SPACE SCIENCE: Grade Level: 10 (if doubled up with Biology), 11, or 12
Earth & Space Science is a laboratory course emphasizing the process of scientific investigation through the study of the physical world. The course introduces the general principles of geology, meteorology, and astronomy. Topics include the study of rocks and minerals, weather, earthquakes, volcanoes, the solar system and many more. Upon completion, students should be able to demonstrate an understanding of the physical environment and be able to apply the scientific principles to observations experienced. Laboratory work reinforces the principles discussed in lecture. The course will introduce the student to the quantitative nature of knowledge and the skills of scientific investigation.

CREDIT = 1 CODE = EARTH

CHEMISTRY: Chemistry is a traditional beginning high school chemistry course. Strong skills in Algebra are a must. Emphasis will be on measurements and metric units, atomic structure, the periodic table, bonding, names and formulas of compounds, stoichiometry, solutions, and acids/bases. This course is intended for students going to college. This course is typically the third science for students who have already had (or are taking) Algebra II. Chemistry I and Biology can be doubled up the sophomore year of high school if the student is enrolled in Algebra II at the same time. This is a science elective.

CREDIT = 1 CODE = CHEM

CHEMISTRY II: Chemistry II is a continuation of the skills and concepts covered in Chemistry I. The pace will be much quicker and more responsibility will be placed on the student. Emphasis will be on measurement and conversions, names & formulas, stoichiometry, solutions, thermochem, electron organization, the periodic table, chemical bonds, molecular geometry, and phase changes. This course is intended for students who plan to major in sciences at the college level. This course is a second year of Chemistry. This is a science elective.

CREDIT = 1 CODE = CHEM2

PHYSICS: Physics is an introductory course to physics concepts for the college-bound high school student. Very strong skills in math are required as the course is math-based; however, it is not calculus-based. Emphasis will be on motion, forces, Newton's Laws of Motion, work, energy, electricity, waves, sound, and light. There will be some STEM-type projects included.

This course is typically taken after the successful completion of Chemistry I, but does not have to be. This course pairs well with Trigonometry/Analysis content. This is a science elective.

CREDIT = 1

CODE = PHY

COLLEGE HUMAN BIOLOGY: This is an introductory course using exploration of principles and processes common to all living systems as a starting point for the study of human structure and function and the interrelationships between humans and the rest of the biosphere. Lectures will be supplemented with laboratory exercises. This course is available to juniors (who have successfully completed Chemistry I) and seniors. This course is offered through Ft. Hays Tech/NC for 4 credit hours = \$200.

CREDIT = 1

CODE = COBIO

PLANT & SOIL SCIENCE: This course will develop a students understanding of agronomy, plant and seed identification, grain grading, soil structure, soil nutrients, plant reproduction, soil management and tillage, irrigation practices, range management, and land conservation. FFA Career Development Event contests available to students to test their knowledge are Land Judging, Range Management, and Agronomy. Students must have successfully completed Agriscience prior to taking this course. Students enrolled in this course will earn a science credit.

CREDIT = 1

CODE = PLANT

ANIMAL SCIENCE: This course will develop students' understanding of the livestock (beef, dairy, sheep, goats, and swine), poultry, and large (equine) animal industry. Topics of instruction include nomenclature, Entomology, breeds and animal husbandry, vet science, genetics, animal anatomy and physiology, animal nutrition, animal reproduction, animal health, and meat science. Competitions used for class grading are available: Entomology, dairy cattle evaluation, livestock evaluation, meats evaluation, vet science, and possibly horse evaluation. Participation in FFA is an expectation of this course. Must have successfully completed Agriscience prior to taking this course. This course can be taken sophomore through senior year. Students enrolled in this course will earn a science credit.

CREDIT = 1

CODE = ANSCI

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7TH GRADE EARTH SCIENCE: This class will use the process of scientific inquiry to develop an understanding of the Earth through reading, note taking, research-based projects, teacher and student driven lab activities, and students will learn to effectively communicate. Together, the students and teacher will develop proper measuring techniques. Students will explore: The cycling of matter to drive processes such as the rock cycle, tectonic plate motion and its effects, and weather. Students will also investigate human impact on Earth's features and atmosphere as well as learn about humans' place in the universe. Required.

CODE = SCI7

8TH GRADE LIFE SCIENCE: This class will use the process of scientific inquiry to develop an understanding of the Earth through reading, note taking, research-based projects, teacher and

student driven lab activities, and students will learn to effectively communicate. Together, the students and teacher will develop proper measuring techniques. Students will explore how organisms function on a cellular level by examining DNA and biological chemical reactions. Students will investigate the importance and function DNA has on genetics and evolution. Students will examine organisms and populations to find patterns in energy and resource availability, organism interactions in ecosystems, as well as natural and human effects on biodiversity. Required. **CODE = SCI8**

SOCIAL STUDIES: 3 credits required to graduate

WORLD GEOGRAPHY: This course begins with an overview of the origins, branches, and subdivisions of geography. The study of geography will be organized around the themes of location, place, human/environment interaction, movement, and region. Using those themes, students will gain a broad perspective about the world that they live in, as well as how different decisions can have an effect at the local, state, national, and global level. History, culture, and physical geography will be deeply examined for all of the world's regions. This course is typically taken the freshman year but can be taken as a sophomore. This course or World History (either one) is required to graduate.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = WGEOG

OR WORLD HISTORY: This course is the study of the human experience in a world historical perspective. Emphasis begins with the Renaissance and Reformation. Events that have occurred in Europe and other parts of the world are covered while examining their immediate impact and also how they affect our world today. The majority of the course runs through the 14th century A.D. and concludes with some of the major events of the 21st century. Limited time is also spent on pre-historical concepts and early civilization characteristics. This course can be taken as an elective even if a student took World Geography his/her freshman year.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = WLDHIS

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AMERICAN HISTORY: American History covers everything that has happened from the French Indian War until 9/11. Special emphasis will be on our country's founding, the documents and people that formed our nation, the causes and results of the Civil War, industrialization, settlement of the west, and the U.S. rise to being a world power. Second semester discusses the U.S. involvement in two world wars and the rise of superpower, confrontations in the Cold War, and highlights the 20th century history of the nation. By the end of the year, students will understand the U.S. role as a world leader during the late 20th century, Vietnam, and the causes of the September 11th terrorist attack. This course is a required course and cannot be taken until the junior year.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = AMHIS

OR COLLEGE U.S. HISTORY I/II: This year-long course is intended to be for the student who has achieved academic credentials and has a strong interest in American History. The course

follows the guideline of the College Board and is cooperative credit with Cloud County Community College. This course can be taken instead of American History. This course is offered through CCCC for 3 credit hours each semester for a total of 6 credit hours for the year = \$234 due each semester. There is no minimum ACT score to qualify for this class. This course cannot be taken until the junior year.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = CAMHIS

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AMERICAN GOVERNMENT/KANSAS HISTORY: American Government is a study of the foundations, principles, and institutions of the government of the United States. Students will learn about the history and gain an understanding of the complexities of the United States Government, and in doing so, realize the need for civic participation and responsibility. Kansas History is a 9-week course in which students will learn about the people and events which have shaped Kansas. This course is a required course and is taken the senior year.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = AMGOV KSHST

OR COLLEGE U.S. GOVERNMENT: College U.S. Government is a more rigorous study of the government of the United States of America as well as historical and contemporary politics within the United States. This course will require students to complete outside readings, participate in class discussions, and complete writing assignments as a means to emphasize critical thinking and reasoning skills. Students who take this course have the option to enroll with Cloud County Community College and earn 3 hours of credit. Students will only pay for first semester (\$234), but the class will run all year. There is no minimum ACT score to qualify for this class. This course can only be taken the senior year.

CREDIT = 1 BHS GRADUATION REQUIREMENT CODE = CAMGOV

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SOCIAL STUDIES 7: 7th Grade World Geography and Kansas History: This course includes the study of figures and events that helped shape Kansas History. Also included is the local history of Mitchell County and of Beloit. An in-depth study of the continents and the countries of the world with emphasis on culture, location, and current events is also part of this course. Required.

CODE = SS 7

SOCIAL STUDIES 8: 8th Grade American History and Civics: This course begins with the causes of the Revolutionary War and ends at the turn of the 20th Century. Historical figures and events are studied within this time frame. The course also includes a section where the Constitution, the Bill of Rights, and the amendments are examined. Required.

CODE = SS 8

SOCIAL STUDIES ELECTIVES

PSYCHOLOGY/SOCIOLOGY: These courses can be taken together or separately for a ½ credit each.

PSYCHOLOGY: This course is designed as a study of human behavior and the mental processes. Such topics such as the brain, memory, motivation, emotion, personality, and mental disorders will be studied. The general objective of the course is to gain insight into behavior and to obtain practical information for dealing with situations in everyday life while helping to answer

questions arising over human behavior. This course is a semester course. It is offered first semester and is typically taken opposite Sociology that is offered second semester. Students in grades 10-12 can take this course.

CREDIT = ½

CODE = PSYCH

SOCIOLOGY: This course looks at human behavior and how people interact with the society of which they are a part. Emphasis is on the various ways people act in various social relationships. Some topical areas of emphasis include crime and punishment, social inequalities and constructs, political thought and institutions, religion, and demographic changes in our country and the world as a whole. This course is a semester course. It is offered second semester and is typically taken opposite Psychology that is offered first semester. Students in grades 10-12 can take this course.

CREDIT = ½

CODE = SOC

COLLEGE PSYCHOLOGY: This course is a survey of the introduction to the social science of psychology. It is designed to study the essence of human behavior and the mental processes. Topics such as the brain, neurotransmitters, memory, motivation, personality, emotion, and mental disorders will be addressed. The general objective is to gain further insight into the human condition and obtain practical knowledge for dealing with situations in everyday life. Current studies of the human condition will be studied. A research term paper is a requirement for the class. This course is offered through Ft. Hays Tech/NC for 3 credit hours = \$150. This is a one-semester class offered each semester. There is no minimum ACT score to qualify for this class. Many students take this class opposite of College Human Growth & Development or College Introduction to Sociology. This course is available to students in grades 11-12.

CREDIT = ½

CODE = CPSYC

COLLEGE HUMAN GROWTH & DEVELOPMENT: This course emphasizes the how and why that all kinds of people, everywhere, of every age, change over the course of their life span. Units of study range from prenatal development all the way through late adulthood. A research project/paper is a requirement for the class. This course is offered through Ft. Hays Tech/NC for 3 credit hours = \$150. This is a one-semester class only offered in the second semester. There is no minimum ACT score to qualify for this class. This course is available to students in grades 11-12.

CREDIT = ½

CODE = CHUMAN

COLLEGE INTRODUCTION TO SOCIOLOGY: This course is offered through Ft. Hays Tech/NC for 3 credit hours = \$150. This is a one-semester class. There is no minimum ACT score to qualify for this class. This course is available to students in grades 11-12.

CREDIT = ½

CODE = COSOC

WORLD HISTORY THROUGH FILM: World History Through Film offers students a unique way to view American history through the Hollywood lens. Through film analysis, students will gain a new insight into the historical events that occurred from the American Revolution through recent US history. Students will learn the difference between story and history, as well as how to think

critically about how movies can change our preconceptions about history. This course is available for students in grades 10-12.

CREDIT = 1

CODE= HISFIL

PHYSICAL EDUCATION: 1 credit required to graduate

FRESHMAN P.E./HEALTH: The physical education component of this class will address the maintenance of physical activity and fitness. The course is designed to promote the overall fitness of the student. Activities will focus on all aspects of fitness and will include a variety of team and individual sports and activities. Evaluation is based primarily on active participation, improvement of fitness, and knowledge of skills. This course is required for all freshmen.

CREDIT = ½ BHS GRADUATION REQUIREMENT CODE = FR PE

HEALTH: The health component of this course is designed to address the areas of health from the behavioral perspective. Class activities include guest speakers and individual and small group activities. Topics such as stress management, substance abuse, eating disorders, human sexuality, and healthy relationships are explored with the goal being healthy choices that are based on factual information. This course is required for all freshmen.

CREDIT = ½ BHS GRADUATION REQUIREMENT CODE = HEALTH

OR INDIVIDUAL DEVELOPMENT: This course is designed to maximize speed, quickness, strength, and explosive power through weightlifting, strength training, and plyometrics. The student will demonstrate knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness. Evaluation is based on attitude, effort, and participation. Students will also be measured on gains on the bench press, clean, and squat. Students will be tested at the beginning of the semester, periodically throughout the year, and at the end of the year. This is a weightlifting class for freshmen through seniors. It can replace Freshman PE, but freshmen electing to take this must still take a semester of health.

CREDIT = 1

CODE = INDEV

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7TH GRADE P.E./HEALTH: This physical education class provides each student with the opportunity to participate in a comprehensive program where the fundamental knowledge and skills are acquired in order to build upon them in future physical education classes. The program consists of skill development, lead up activities, lifelong activities/sports and physical fitness activities. The instruction within the program covers, but is not limited to: Skills, performance, rules, and strategies associated with the various learning opportunities as well as a variety of experiences involving a broad spectrum of physical fitness activities. The program promotes the spirit of teamwork, leadership, fair play, and friendly competition within a safe environment. The components of the program are designed to develop a life where physical activity plays an important role in the overall well-being of the student. The health curriculum, in conjunction with physical education, is designed to familiarize students with various issues they will encounter during their middle school years. It is designed to provide knowledge, skills, and experiences which will enable them to make healthy choices and will have a positive impact on their overall health and well being. Required.

CODE = PE 7

8TH GRADE P.E./HEALTH: This physical education class provides each student with the opportunity to participate in a comprehensive program where the fundamental knowledge and skills are acquired in order to build upon them in future physical education classes. The program consists of skill development, lead up activities, lifelong activities/sports and physical fitness activities. The instruction within the program covers, but is not limited to: Skills, performance, rules, and strategies associated with the various learning opportunities as well as a variety of experiences involving a broad spectrum of physical fitness activities. The program promotes the spirit of teamwork, leadership, fair play, and friendly competition within a safe environment. The components of the program are designed to develop a life where physical activity plays an important role in the overall well-being of the student. The health curriculum, in conjunction with physical education, is designed to familiarize students with various issues they will encounter during their middle school years. It is designed to provide knowledge, skills, and experiences which will enable them to make healthy choices and will have a positive impact on their overall health and well being. Required.

CODE = PE8

FINE ARTS: 1 credit required to graduate

FUNDAMENTALS OF DRAMA: The Fundamentals of Drama course will analyze all aspects of taking the page to the stage! Students will gain insight into the discipline by studying the literary elements of a drama, theater history, and practicing scriptwriting. Students will improve their performance skills including acting, improvising, and directing. The course will also survey the technical side of theatre including stage and set design, light and sound production, basic stage makeup, and more! Students will play an integral part in producing the school's fall production.

CREDIT = 1 **CODE = DRAMA**

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VARSITY BAND: This is an instrumental music education course with an emphasis on marching and concert band music. Requirements include daily classroom attendance, mandatory marching for halftime show and parades, 2-4 concerts per year, and pep band at all home basketball games. Instruction in the class will also include options for auditioning for KMEA honor bands, KSHSAA solo and ensemble contests, and participation in the before and after school jazz band program. The band takes a trip on odd numbered years. This is a high school band class. Students in grades 9-12 can take this course.

CREDIT: 1 **CODE = VBAND**

ORCHESTRA: This instrumental ensemble emphasizes string orchestra and chamber music and combines 9th, 10th, 11th, and 12th grades. The ensemble meets daily and students are expected to practice outside of class, as needed. There are 3 concerts a year, plus KSHSAA Large Group Festival. There are also optional opportunities to attend WKOF, KMEA Honor Orchestras, and KSHSAA solo and ensemble contests.

CREDIT = 1 **CODE = ORCH**

CONCERT CHOIR: This is a non-auditioned mixed ensemble that is open to all high school students. Students perform at both the Christmas and spring concerts at the high school. Other performance opportunities may include community outings, choral trips, state large group contest, and graduation. Students will review music symbols, note identification, solfege, and practice sight reading.

CREDIT = 1

CODE = CCHOIR

BEGINNING PIANO: This course is for those interested in learning the piano. Grades 9-12.

CREDIT = 1

CODE = BEGPIA

MUSIC THEORY I: Students taking Music Theory I must be in grade 10 or above. This class includes basic theory including but not limited to: Major/minor scales, intervals, triads, seventh chords, inversions, rhythms, sight-singing and ear training, and modes. Semester projects are arrangements that will be written with a computer program and also performed with live musicians at the semester concert. Students must successfully complete Music Theory I prior to taking College Music Theory or Music Theory II.

CREDIT = 1

CODE = MTHRY

MUSIC THEORY II / COLLEGE MUSIC THEORY: Prerequisite: Music Theory I. Music Theory II or College Music Theory is a continuation of Music Theory I, including but not limited to the following: Principles of voice leading, root position part writing, harmonic progressions and sequences, cadences, phrases, and periods, non-chord tones, secondary functions, and modulations. This class may or may not be taken for college credit. The first semester final project is an arrangement. The second semester project is an original composition. Both projects will be performed with live musicians at the semester concert.

CREDIT = 1

CODE = MTHRY2 CMUSIC

MUSIC THEORY III: This course is available only after discussion with the school counselor and music theory instructor; it may also be taken as College Music Theory if Music Theory II was **NOT** taken for college credit. More advanced theory methods will be continued from Music Theory II to include previous material covered more in depth, plus the addition of: Diatonic seventh chords, chromaticism – secondary functions 1 and 2, other modulatory techniques, binary and ternary forms, mode mixture, late 19th century music, and 20th century music. Semester projects will be either arrangements or compositions, depending on the decision of the student and instructor.

CREDIT = 1

CODE = MTHRY3

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JUNIOR HIGH BAND: This is a 7th and 8th grade instrumental music education course. Students will further develop their instrument skill through daily rehearsal from method books and concert band literature. Tests include playing tests of all songs to be performed on the concert as well as all major scales. Students are required to perform in 2-3 concerts during the school year. Class instruction will include the option to audition for KMEA honor band in the fall semester and to play a solo or ensemble for festival in the spring semester. Weekly lessons are

scheduled to allow time for playing tests and to give individualized instruction that is not accessible during the large classroom setting. Students in grades 7-8 can take this course as an elective.

CODE = JHBAND

JUNIOR HIGH ORCHESTRA: This is an intermediate-level orchestra class. This course is for 7th and 8th graders, with 6th graders from BES joining. Junior Orchestra meets before school on Mondays, Wednesdays, and Fridays from 7:25 am to 7:55 am. 8th graders also meet on Mondays during 5th hour and 7th graders meet on Wednesdays during 5th hour. Students are expected to practice outside of class and have 3 concerts a year. Junior Orchestra students also have the option to go to WKOF, String Fling, and KASTA Middle-Level Honor Orchestra.

CODE = JHORCH

MUSIC 7: This is a 9 week required general music class for all 7th grade students. Students learn many music symbols that they encounter in choral, band, and orchestral music. These include: Notes, rests, dynamics, expressive symbols, etc. Students also spend a significant amount of time learning how to identify notes on the treble and bass clef staves, including ledger lines above and below. Students are introduced to melody and harmony as well as medleys and mashups, given with many popular music examples. Students learn how to read and navigate through choral music. Choral singing techniques are introduced and practiced. Students learn about the significance of music in movies, tv, advertising, etc. Required.

CODE = MUS7

MUSIC 8: This is a semester general music class in the rotations for 8th grade students. Students review information learned in Music 7 including: Music symbols, identifying notes, melody/harmony, etc. Students explore instrument and voice classification as well as listening to and identifying instrument families. This is an introduction to music theory, learning concepts such as: Major scales, piano note identification, key signatures, and I, IV, V chords. Students write original I, V, V compositions and present to the class. Students also continue learning about the significance of music in movies, tv, advertising, etc. Students explore sound effects and begin engineering their own music tracks for movie scene projects.

CODE = 8THMUS

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ART I - FUNDAMENTALS OF ART: In this year-long class, students will learn the basics of art, including the elements of art and principles of design. Students will complete two-dimensional and three-dimensional projects, including but not limited to, units in drawing, painting, ceramics, sculpture, photography, and technology. This class is designed for the beginning art student to try many different art media and processes. This course is available to students grades 9-12.

CREDIT = 1

CODE = ARTI

ADVANCED ART: Students in this year-long course will build on ideas and concepts learned in Art I. Students will continue to explore a variety of two-dimensional and three-dimensional media to further develop their skills and creativity. These media can include, but are not limited to, those explored in Art I, as well as stained glass, printmaking, and sculpture. This course can be taken upon successful completion of Art I. This course is available to students grades 10-12.

CREDIT = 1

CODE = ADART

CREATIVE ART: This course is available to students grades 9-12.

CREDIT = 1

CODE = CREATE

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7TH GRADE ART: 7th grade art is an introductory nine-weeks art course in the rotations. The course provides experience in a variety of art media, techniques, and art history. Projects in 2 and 3 dimensions will focus on the elements of art and principles of design as well as teaching proper use of materials and craftsmanship. Required.

CODE = ART7

FOREIGN LANGUAGE

SPANISH I: In Spanish I, students will learn basic language patterns and vocabulary learned through repetition, practice, games, and discussions. Some of the basic skills learned are: Basic small talk, stating likes, describing people, expressing feelings, ordering food, and shopping. Focus is on all four language skills: Listening, speaking, reading, and writing. Culture is an integral part of the course and is introduced through the use of media, games, adapted readings, and class discussions. In addition to written tests and quizzes, students' listening and speaking abilities will also be assessed. Some of the language is taught using only Spanish. Students in grades 9-12 are able to take this course.

CREDIT = 1

CODE = SPAN1

SPANISH II: Spanish II is a continuation and extension of Spanish I. Students will continue to learn more vocabulary and language patterns. Students will learn to: Talk about travel, ask and give information, discuss sports and health, speak of daily activities, and discuss shopping and opinions. Cultural understanding of the Spanish-speaking world will also continue. Improvement of listening, speaking, reading, and writing skills are a priority. Students will learn in the same manner as Spanish I. Much of the language is taught using only Spanish. Must successfully complete Spanish I prior to taking Spanish II. Students in grades 10-12 are able to take this course.

CREDIT = 1

CODE = SPAN2

SPANISH III: Spanish III students will continue with the learning started in Spanish I and continued in Spanish II. The knowledge and skill level in the language is deepened through meaningful learning activities. Students should be moving out of the novice level of speaking, reading, writing, and listening. The progression of these skills will be brought up to the intermediate level of the ACTFL guidelines for language proficiency. The learning of other cultures will be continued as well as reading and analyzing authentic literature written by well-known hispanic authors. A significant amount of the language is taught using only Spanish.

Must successfully complete Spanish II prior to taking Spanish III. Students in grades 11-12 are able to take this course.

CREDIT = 1

CODE = SPAN3

SPANISH IV: Spanish IV students will continue to learn more complexities and vocabulary in the language. Students will continue their cultural journey as well. Spanish will be used during class time with little English to ensure the advancement in the language. More literature from Hispanic authors will be read and analyzed for a better understanding of the culture and history of many Spanish-speaking countries. All activities will be designed to increase the reading, writing, listening, and speaking skill level of the student. Must successfully complete Spanish III prior to taking Spanish IV. Seniors are able to take this course.

CREDIT = 1

CODE = SPAN4

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INTRODUCTION TO SPANISH 7: Introduction to Spanish is a nine-weeks 7th grade rotation. Required.

CODE = SPAN

COMPUTER TECHNOLOGY/BUSINESS: 1 credit required to graduate

COMPUTER APPLICATIONS: This course is designed to give students an overview of different computer software packages and other digital media used in business activities, while also learning about different facets of corporate and personal business components. This is a business class – students will learn many things related to working in or managing a business, as well as their own personal business affairs (banking, use of credit, insurance, etc.). They will also gain knowledge of computer systems and various software applications that are available on the market today. This is a Career and Technical Education course much like a shop class. Textbook work will be mixed in with lots of “hands-on experience” using computers and other digital media technologies. This is a required course to graduate. This course is typically taken the freshman year, but can be taken any year in high school.

CREDIT = 1

BHS GRADUATION REQUIREMENT

CODE = CAPP

OR PRACTICAL COMPUTER APPLICATIONS: This course is a modified version of Computer Applications. Permission must be obtained to take this course.

CREDIT = 1

BHS GRADUATION REQUIREMENT

CODE = PRACAP

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PHOTO IMAGING / GRAPHIC DESIGN FUNDAMENTALS (YEARBOOK): Photo Imaging is the first semester title of Yearbook; the second semester title is Graphic Design Fundamentals. Students on staff of the BHS Yearbook will gain experience in selling advertising to help pay for the yearbook. They will learn phone skills as well as personal skills in communicating with the public. Students will learn and practice on photography skills, as well as downloading pictures, uploading pictures to the website, and working together as a team on covering school events. Students will learn the software used to create the yearbook, and learn to work with color,

layout, and setup of the yearbook. Students will also understand concepts related to digital media, including photography. Consideration is given for the legal and ethical issues related to reporting news. Computer layout and design is an important element for the course. Digital image manipulation and visual structure for framing images is also a key skill that students will explore. Students develop and refine real world skills of planning, designing, and publishing news within a specified timeline and given an often-changing environment and availability of content. Meeting deadlines and producing high quality products is a primary life-skill for students in this course. Students in grades 9-12 can apply for acceptance.

CREDIT= 1

CODE = PHOTO / GDESIG

DIGITAL MEDIA TECHNOLOGY A / DIGITAL MEDIA TECHNOLOGY B: This is the second year of Photo Imaging/Graphic Design Fundamentals (Yearbook).

CREDIT= 1

CODE = DMEDIA / DMEDIB

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ACCOUNTING: Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process. This course can be taken as a freshman through senior. Must successfully complete Accounting I prior to taking Advanced Accounting or College Accounting I.

CREDIT = 1

CODE = ACCT

ADVANCED ACCOUNTING: Advanced Accounting courses expand upon the foundational accounting principles and procedures used in business. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, and other automated tools are usually used. Topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process and further enhancement of accounting skills. This course can be taken sophomore through senior year. Must successfully complete Advanced Accounting or College Accounting I prior to taking Finance Workplace Experience for the Finance Pathway.

CREDIT = 1

CODE = ADACT

COLLEGE ACCOUNTING I (ONLINE): This is a semester course offered online through CCCC for no cost/credit hour. This course can be taken after the successful completion of Accounting I.

CREDIT = 1/2

CODE = COACC

FINANCE - WORKPLACE EXPERIENCE: Workplace experience with finance. This can be taken as a junior or senior after having successfully completed Accounting I and either College

Accounting I or Advanced Accounting. Depending on the placement, this class can take up two class periods in your schedule. This can be taken for one semester or a full year.

CREDIT = ½ or 1

CODE = FINWKP

ADVANCED FINANCE - WORKPLACE EXPERIENCE: Workplace experience with finance. This can be taken as a senior after having successfully completed Accounting I and either College Accounting I or Advanced Accounting, and then a Finance - Workplace Experience. Depending on the placement, this class can take up two class periods in your schedule. This can be taken for one semester or a full year.

CREDIT = ½ or 1

CODE = ADFIWK

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ENTREPRENEURSHIP/BUSINESS MANAGEMENT: Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: Economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication. Several topics surveyed in Business Management courses may also be included. This is the first year of working in the Trojan Grounds Coffee Shop. Second semester will consist of working in the coffee shop or with Trojan Threads. Students in grades 9-12 are able to take this course.

CREDIT = 1

CODE = ENTREP / BUSMGM

BUSINESS MANAGEMENT & ENTREPRENEURSHIP WORKPLACE EXPERIENCE:

This is the second year of working at the Trojan Grounds Coffee Shop or Trojan Threads..

CREDIT = 1

CODE = BMEWKE

ADVANCED BUSINESS MANAGEMENT & ENTREPRENEURSHIP WORKPLACE EXPERIENCE: This is the third year of working at the Trojan Grounds Coffee Shop or Trojan Threads..

CREDIT = 1

CODE = ABMWEX

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STEM I: The goal of STEM is to foster a learning environment in which students are guided to produce original ideas, objects, and structures according to certain specifications using concepts and skills from math, science, and technology. However, although students make the math, science, and technology connections, those are still not the main focus of the course. Rather, the mission of the course is to grow students' capacity for creativity, fun, and back-loaded learning in a STEM context. STEM stands for: Science, Engineering, Technology, and Math. This course can be taken as a freshman through senior.

CREDIT = 1

CODE = STEM

STEM II: The goal of STEM II is to deepen individual capacity for a creative, engaging environment focused on project-based learning. After students have grasped an understanding

of skills gained from STEM I, students are able to take the basic skills learned into a more independent-based environment. Students will deepen their individual skills and interests of STEM through this course. This course can be taken as a sophomore through senior. The prerequisite to this course is STEM I.

CREDIT = 1

CODE = STEMII

STEM JOB OPPORTUNITIES: There are multiple online college courses available through Cloud County Community College that can be taken for free. Each of the courses are worth 3 credit hours. These courses range from drone classes to wind energy.

CREDIT = 1

CODE = STEMJO

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GRAPHIC DESIGN: This course is an elective option for sophomore through senior students. It introduces students to Photoshop and Illustrator components that it takes to create a variety of documents. Graphic Design is a project-based curriculum that develops career and communication skills in graphic design, illustration and print and digital media production, using Adobe tools (photoshop, InDesign, and Illustrator). Graphic Design develops four key skill areas: Project management and collaboration, design, research and communication, professional digital photography, illustration, and page layout using Adobe tools. Projects for this course will include but not limited to: Photography and collages, creating logos, and creating advertisements for community/school events. Students in grades 10-12 are able to take this course.

CREDIT = 1

CODE = GRAPH

GRAPHIC DESIGN PROJECT MANAGEMENT: Commercial Graphic Design courses teach students to use artistic techniques to effectively communicate ideas and information to business and customer audiences via illustration and other forms of digital or printed media. Topics covered may include concept design, layout, paste-up and techniques such as engraving, etching, silkscreen, lithography, offset, drawing and cartooning, painting, collage and computer graphics. Students in grades 11-12 are able to take this course.

CREDIT = 1

CODE = GRDEII

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VIDEO PRODUCTION: This course is intended to engage learning in the field of Digital Media with hands-on projects and “real world” activities. This course is based upon the development of a specific set of skills that would be required in the field of Digital Media. Students will utilize digital media production tools such as: Green Screen, GoPro, Drone, and Video Camera. These tools will be utilized to create productions for, but not limited to, the local Cunningham TV station, Hype Videos for athletic teams, short ads highlighting accomplishments of the Beloit Schools, and a final project of creating a promotional ad to be utilized as a recruiting tool for those considering Beloit as their school of choice. Students in grades 10-12 are able to take this course.

CREDIT = 1

CODE = VIDEO

DIGITAL MEDIA DESIGN & PRODUCTION: Digital Media Design & Production will provide students with the opportunity to apply technical skills previously learned in other application-

level courses. Students will plan and organize teams to design and complete collaborative projects to reach the desired customer goal. Students in grades 11-12 are able to take this course and must have successfully completed Video Production prior.

CREDIT = 1

CODE = FILMS

DIGITAL MEDIA PROJECT MANAGEMENT: Digital Media Project Management can be taken as a senior after having successfully completed Video Production and Digital Media Design & Production.

CREDIT = 1

CODE = DMPMGM

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CONSUMER & PERSONAL FINANCE (OR COLLEGE CONSUMER & PERSONAL FINANCE): Students learn basic principles of economics and best practices for managing their own finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and making responsible choices about income and expenses. They gain a deeper understanding of capitalism and other systems so they can better understand their role in the economy of society. Students are inspired by experiences of finance professionals and stories of everyday people and the choices they make to manage their money. This is a course on financial literacy. This is a required credit and must be taken during the senior year. This course can be taken for college credit through CCCC for 3 credit hours. If taken for college credit, this course will cost \$234 and is paid for in the fall semester. Although the course runs all year for us, you do not pay again in the spring.

CREDIT = 1

BHS GRADUATION REQUIREMENT

CODE = CPFIN or CCPFIN

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BUSINESS LEADERSHIP / DIGITAL MARKETING: This course focuses on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics may include (but are not limited to): Market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, contracts and other legal aspects of marketing, business management, and entrepreneurship. Human relations and economic concepts may be covered as well. Textbook work is mixed with a lot of current events and television and movie content that demonstrates various marketing concepts. Guest speakers and several in-town field trips, plus a couple of out-of-town field trips, help to reinforce classroom instruction. Must successfully complete Marketing prior to taking Marketing Workplace Experience.

CREDIT = 1

CODE = MRKTG

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7TH GRADE KEYBOARDING: Keyboarding is a 7th grade class designed to teach/reinforce students on touch typing skills. Students will learn to and begin building both speed and accuracy. Students will learn and discuss the difference between Word Processing software packages MS Word and Google Docs. Students will learn various other Google software (Google Classroom, gmail, document sharing, etc). MS Office Powerpoint and Google Slides will also be introduced and both software packages will be studied in detail. Finally, students will be introduced to MS Moviemaker as well as Google WeVideo. Required.

CODE = KEY7

8TH GRADE BUSINESS ESSENTIALS: Business Essentials is an 8th grade class designed to further develop both speed and accuracy on the keyboard. Students will learn several in-depth features of MS Word, and Google Docs. MS Excel and Google Slides will be studied and used in detail, with an emphasis on Spreadsheet software and its uses. MS Publisher, a desktop publishing program, will be used as students will learn to design various types of pamphlets, certificates, and other professional documents. Required.

CODE = BUCESS

AGRICULTURE

AGRISCIENCE: As an introduction course, Agriscience will develop a student's understanding of many areas of agriculture. Topics learned in this course include dairy cattle, dairy foods, parliamentary procedure, public speaking, meats, record keeping, livestock judging, ag welding, and plant sciences. Topics covered in this course are subject to change depending on student preferences. FFA Competitions that align with this course include: Greenhand conference, dairy cattle judging, leadership school, public speaking, milk quality, meats judging, livestock judging, and Greenhand ag mechanics.

CREDIT = 1

CODE = AGRISC

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AG WELDING I: This course will develop a student's understanding as well as skill in cutting (OAC, Plasma), welding (OAW, SMAW, GMAW, GTAW), small engines, and basic shop maintenance. Topics covered in the first semester of this course include: Safety, measurements, tool conditioning, cutting procedures, welding procedures, and small engine maintenance and repair. The second semester of this course will be devoted to the construction and fabrication of welding or mechanical projects. Participation in FFA is an expectation of this course. Competitions available: GMAW Invitational and NCD Ag Technology. Must have successfully completed Agriscience prior to taking this course. Must successfully complete this course prior to taking Ag Welding II. This course can be taken sophomore through senior year. This course can be taken at the same time as any Ag course other than Agriscience.

CREDIT = 1

CODE = AGWELD

AG WELDING II: In the first semester of Ag Welding II, students will continue to develop skills, advancing into welding pipe, tubing, and exploring advanced welding processes. Once a student has completed the comprehensive safety test and their required skill welds and cuts, they will be eligible to begin fabrication and construction second semester. Evaluation will be based on work ethic, timeliness, and quality of craftsmanship. Participation in FFA is an expectation of this course. Must have successfully completed Ag Welding I prior to taking this course. This course can be taken the junior or senior year. This course can be taken at the same time as any other Ag class.

CREDIT = 1

CODE = AGWEII

AG FABRICATION: Ag Fabrication is a year long fabrication and construction course where students will design, fabricate, learn finishing techniques, and complete projects throughout the year. Students will be responsible for finding projects to complete throughout the year, as well as being responsible for creating orders of needed materials, and completing any invoicing/ billing that is needed for their projects. Students will create projects for themselves, community members, or projects for the district. Students must have completed or be enrolled in Ag Welding II in order to enroll in this course.

CREDIT= 1

CODE = AGFAB

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ANIMAL SCIENCE: This course will develop students' understanding of the livestock (beef, dairy, sheep, goats, and swine), poultry, and large (equine) animal industry. Topics of instruction include nomenclature, Entomology, breeds and animal husbandry, vet science, genetics, animal anatomy and physiology, animal nutrition, animal reproduction, animal health, and meat science. Competitions used for class grading are available: Entomology, dairy cattle evaluation, livestock evaluation, meats evaluation, vet science, and possibly horse evaluation. Participation in FFA is an expectation of this course. Must have successfully completed Agriscience prior to taking this course. This course can be taken sophomore through senior year. Students enrolled in this class will earn a science credit.

CREDIT = 1

CODE = ANSCI

VETERINARY SCIENCE: This course will be offered every other year, rotating with Animal Science. Animal Science must have been successfully completed prior to taking this course. This course is available to juniors and seniors.

CREDIT = 1

CODE = VETSCI

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PLANT & SOIL SCIENCE: This course will develop a students understanding of agronomy, plant and seed identification, grain grading, soil structure, soil nutrients, plant reproduction, soil management and tillage, irrigation practices, range management, and land conservation. FFA Career Development Event contests available to students to test their knowledge are Land Judging, Range Management, and Agronomy. Students must have successfully completed Agriscience prior to taking this course. Students enrolled in this class will earn a science credit.

CREDIT = 1

CODE = PLANT

HORTICULTURE, FLORICULTURE & GREENHOUSE MANAGEMENT: This course will develop a students understanding of soil sciences, horticulture, floriculture, floral design, landscaping, plant care, greenhouse management, and greenhouse operations. Horticulture students operate the ag education greenhouse throughout the year. FFA Career Development Event contests available to students to test their knowledge are Land Judging, Floriculture, and Nursery/Landscape. Students must have successfully completed Agriscience and Plant & Soil Science prior to taking this course. This course will be offered every other year.

CREDIT = 1

CODE = FLGRMG

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AG MECHANICS I: This course will introduce students to safety procedures and practices, residential and light commercial applications of electricity, basics of circuit boards and controls, small engines, Computer Automated Drafting (CAD), and the basics of surveying and preparing building sites. Throughout the course, students will be encouraged to develop projects and project ideas in areas of their own interest or which are applicable to them. Students will have the opportunity to plan, design, and build their project. FFA contests available for students to test their knowledge are Ag Mechanics contests at the District and State Level. Agriscience is a prerequisite for this class.

CREDIT = 1

CODE = AGMECH

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RESEARCH IN AG: Students enrolled in this course will work toward preparing for their “next step” post high school. First semester, students will update and strengthen their job resume, scholarship resume, cover letters, and learn needed business writing skills. Students will also be given time to research, compare, and apply for acceptance to postsecondary education programs or colleges. Students are also encouraged to spend class time applying for scholarships. Second semester, students will complete a research project of their choice in an agricultural field of study. Students will have the opportunity to compete with this research project in the FFA agriscience fair. FFA events related to this course are Employability Skills, Speech, and Ag Sales. Students may also compete in any other contest that they properly prepare for. Students enrolled in this class will also work closely with the Ag Leadership and Communication class to facilitate FFA events and conduct chapter business.

CREDIT = 1

CODE = RESAG

AG INTERNSHIP: Seniors interested in doing an internship in the community in an agriculture-related industry can enroll in this class. Approval must be obtained from the principal, counselor, and an Ag teacher.

CREDIT = 1

CODE = AGINTE

AGRIBUSINESS: Juniors and seniors are able to take this course. Agriscience is a prerequisite course.

CREDIT = 1

CODE = AGBUS

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INTRODUCTION TO AGRICULTURE 8: This introductory course (in the semester rotation choices for 8th grade students) is designed to explore agriculture in the United States, Kansas, and Mitchell County. Students will be introduced to plant and soil science, animal science, food and consumer science, shop safety, shielded metal arc welding, and oxygen - acetylene torching. Students enrolled in Introduction to Agriculture will have the opportunity to learn about and explore FFA activities and become a member of the Beloit FFA chapter.

CREDIT= .5

CODE = INTRAG

INDUSTRIAL ARTS

WOODWORKING PRINCIPLES: This is an introductory course in Industrial Arts. Must successfully complete Woodworking Principles prior to taking Furniture & Cabinetry Fabrication or Carpentry I. Typically this course is taken the freshman or sophomore year.

CREDIT = 1

CODE = WDPRIN

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FURNITURE & CABINETRY FABRICATION (CABINETRY I): This course builds industrial arts projects individually. Woodworking Principles is a prerequisite for this class. Furniture & Cabinetry Fabrication and Carpentry I can be taken at the same time. This course can be taken in grades 10-12.

CREDIT = 1

CODE = CABI

ADVANCED MATERIALS TECHNOLOGY (CABINETRY II): This course builds industrial arts projects individually. Woodworking Principles and Furniture & Cabinetry Fabrication must be successfully completed prior to taking this class. Advanced Materials Technology and Carpentry I or II can be taken at the same time. This course can be taken in grades 11-12.

CREDIT = 1

CODE = CABII

.....
CNC DESIGN & FABRICATION: This course can be taken in grades 9-12. Students need to have had Introduction to Woods in the 8th grade.

CREDIT = 1

CODE = CNCFAB

CARPENTRY I: This course is a collaborative effort course where students work together to build projects within the community, often off campus. Woodworking Principles must be successfully completed prior to taking this course. Furniture & Cabinetry Fabrication and Advanced Materials Technology (either one) can be taken at the same time as this course. This course can be taken in grades 10-12. It can also be taken for dual credit through Ft. Hays Tech/NC (@ Beloit High School) for free credit hours - See Ft. Hays Tech/NC Dual Credit Information.

CREDIT = 1

CODE = CARPI

CARPENTRY II: This course is a collaborative effort course where students work together to build projects within the community, often off campus. Woodworking Principles and Carpentry I must be successfully completed prior to taking this course. Furniture & Cabinetry Fabrication or Advanced Materials Technology (either one) can be taken at the same time as this course. This course can be taken in grades 11-12. It can also be taken for dual credit through Ft. Hays Tech/NC (@ Beloit High School) for free credit hours - See Ft. Hays Tech/NC Dual Credit Information.

CREDIT = 1

CODE = CARPII

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WORKPLACE EXPERIENCE IN ARCHITECTURE & CONSTRUCTION: Students interested in doing an internship in the community in an industrials-arts related industry can enroll in this class. Approval must be obtained from the principal, counselor, and an Industrials Arts teacher.

CREDIT = 1

CODE = WKPLAC

COMPREHENSIVE WORKPLACE EXPERIENCE IN ARCHITECTURE & CONSTRUCTION:

Seniors interested in doing an internship in the community in an industrials-arts related industry can enroll in this class. Approval must be obtained from the principal, counselor, and an Industrials Arts teacher.

CREDIT = 1

CODE = CWKPAC

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INTRODUCTION TO WOOD TECHNOLOGY 8: Introduction to Wood Technology is a semester course in the 8th grade rotations.

CODE = INWOOD

FAMILY AND CONSUMER SCIENCE

INTRODUCTION TO FAMILY & CONSUMER SCIENCE: During this course, students will continue to learn about general FCS topics including: Social skills, life skills, relationship skills, basic sewing, basic cooking, and career exploration. During this course, students will plan and work on service projects related to FCS which will get them more involved with their families and their community. This is an introductory course in the Family and Consumer Science Program.

CREDIT = 1

CODE = FACS

HUMAN GROWTH & DEVELOPMENT B: This course is an examination of human development throughout the lifespan. The course begins with pregnancy and birth and continues through death. Students will examine the physical, cognitive, and socioemotional developmental milestones and potential health concerns associated with each age group. This course will include hands-on experiences including use of the pregnancy belly, use of the infant care simulator, visits to the elementary school, visits to the nursing home, and funeral planning. This course is a science elective or simply an elective. Students in grades 11-12 are able to take this course.

CREDIT = 1

CODE = HUMAN

FAMILY STUDIES: Introduction to Family and Consumer Sciences is a prerequisite for this class. Family living courses emphasize building and maintaining healthy interpersonal relationships among family members and other members of society. This course emphasizes topics such as social/dating practices, marriage preparation, parenthood and the function of the family unit, and the various stages of life. They may also cover topics related to individual self-development, career development, personal awareness, and preparation for the responsibilities of a family member and wage earner. If you are in FCCLA, this is a great class to work on your STAR Event for district and state competition in February and April.

CREDIT = 1

CODE = FAMILY

CAREER CONNECTIONS / COMMUNITY CONNECTIONS: This course allows students to apply what they have learned in their family and consumer science classes to real life situations. During this class, students will participate in career exploration activities, they will practice preparing for and participating in job interviews, and they will take part in field experiences related to careers they are interested in. By the end of the course, students should have a greater understanding of one or more careers that are of interest to them and the steps they

must take to obtain this career. This is a semester one course. Students are placed in a work study environment for the semester for no pay. This can be taken for one class period or two. Seniors are able to take this course.

CREDIT = ½ or 1

CODE = CAREER / COMMCO

FOUNDATIONS TO EARLY CHILDHOOD DEVELOPMENT: Introduction to Family and Consumer Sciences is a prerequisite for this class. Students will study early childhood development in depth, have opportunities to interact with children in this age group, and implement lessons and activities in preschool classrooms in our community.

CREDIT = 1

CODE = FOECHD

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JUNIOR HIGH DRUG & ALCOHOL AWARENESS 7: This is a nine-week course in the 7th grade rotations which uses the Project ALERT curriculum to help students understand the risks associated with drugs and alcohol. Additionally, during this course students will learn ways to resist pressure. The course focuses on tobacco, alcohol, and marijuana because these are the substances most commonly used by young teens. Students will learn about these substances by participating in group discussions, watching videos, performing skits, and playing games. At the end of the course, students should understand short and long-term risks associated with each substance and how to resist pressures to use them. Required. **CODE = DRUG7**

CAREER & LIFE PLANNING 8:

This is a semester course in the 8th grade rotations which introduces students to Family and Consumer Sciences. The primary focus of this course will be on building social skills and reinforcing ways to avoid negative peer pressure. Students will explore ways to build positive relationships with their peers and families. Additionally, students will learn about careers, time management, and some basic cooking. This course should set the foundation for students who are planning to take FACS classes in high school. **CODE = 8FACS**

EDUCATION

TEACHING AS A CAREER: This is the first year title of Teacher Cadet. Students are placed in elementary, junior high, and special education classrooms to assist the classroom teacher and get a hands-on approach to education. This course is offered through CCCC for 3 college credit hours = \$234. You will only pay for first semester, but the class will run all year. There is no minimum ACT score to qualify for this class. Students in grades 11- 12 are able to take this course. Students do NOT have to take this class for college credit.

CREDIT = 1

CODE = TCAR

TEACHING INTERNSHIP: This is the second year title of Teacher Cadet. Students are placed in elementary, junior high, and special education classrooms to assist the classroom teacher and get a hands-on approach to education. Students in grade 12 are able to take this course.

CREDIT = 1

CODE = TINTER

FOUNDATIONS TO EARLY CHILDHOOD DEVELOPMENT: Introduction to Family and Consumer Sciences is a prerequisite for this class. Students will study early childhood development in depth, have opportunities to interact with children in this age group, and implement lessons and activities in preschool classrooms in our community.

CREDIT = 1

CODE = FOECHD

HEALTH CARE

INTRO TO HEALTH CARE: This is a semester course that focuses on exploring the different careers in the healthcare field. Students will have the opportunity to learn from health care professionals in our community by listening to a guest speaker each week.

CREDIT = ½

CODE = INHECA

COLLEGE MEDICAL TERMINOLOGY: This is an online 3 credit college course offered through Ft. Hays Tech/NC for one semester. Because it falls under Excel in CTE funding, it is a free college course for our students to take. Students may elect to take this course during the day as one of their 8 class periods, or outside of the school day on their own time. If it is taken outside of the school day on their own time, it will not go on their high school transcript.

CREDIT = ½

CODE = MEDTER

HEALTH CARE WORK EXPERIENCE: This is a health-care-based work experience. This is available to seniors interested in pursuing a career in the medical field. Two class periods will be taken up by this work experience. Approval must be obtained from the principal and counselor.

CREDIT = 1

CODE = HCWKEX

GENERAL

JAG - K (JOBS FOR AMERICA'S GRADUATES - KANSAS): Elective class that can be taken as many times as possible. Jobs for America's Graduates-Kansas (JAG-K) is a graduation enhancement program focusing on personal and career development and future readiness. Through classroom activities, assignments, exploration, guest speakers, mentorship, guidance, and being a member of a student leadership organization, students have several opportunities to further unlock and enhance their potential.

CREDIT = 1

CODE = JAGK

INDIVIDUAL STUDIES: Students who struggle academically but are not receiving Special Education services, are eligible for Individual Studies. This course can be taken multiple times for credit. Students in grades 9-12 are able to take this course.

CREDIT = 1

CODE = SHALL

STUDY SKILLS: The High School Interrelated Classroom (HS IRC) encompasses a differentiated learning program which supports students with deficits in a variety of academic areas such as reading, math, writing, and social skills. Students are also taught the following skills to assist them in becoming better students: Organization, study skills, test taking, time management and self-advocacy. These are taught through direct teaching in the form of pull out or inclusion. Students are pulled out of the regular education classroom setting, and they are also taught core classes at a lower level in the self-contained resource room in small groups. These areas of studies are correlated to the Common Core Essential Elements and State Standards. This course is a study skills period for any student receiving Special Education services. This is one class period of study skills time in the Resource Room. This course can be taken multiple times for credit. Students in grades 9-12 are able to take this course.

CREDIT = 1

CODE = STSKI

STANDARDS: The High School Interrelated Classroom (HS IRC) encompasses a differentiated learning program which supports students with deficits in a variety of academic areas such as reading, math, writing, and social skills. Students are also taught the following skills to assist them in becoming better students: Organization, study skills, test taking, time management and self-advocacy. These are taught through direct teaching in the form of pull out or inclusion. Students are pulled out of the regular education classroom setting, and they are also taught core classes at a lower level in the self-contained resource room in small groups. These areas of studies are correlated to the Common Core Essential Elements and State Standards. This course is a skill-building class period for students receiving Special Education services. This is one class period of standards (skill-building) in the Resource Room. This course can be taken multiple times for credit. Students in grades 9-12 are able to take this course.

CREDIT = 1

CODE = STAND

COLLEGE CLASS STUDY HALL: This course is one class period of study hall time for students taking multiple concurrent credit college courses. Juniors and seniors with three or more college classes are able to take this course.

CREDIT = 1

CODE = APSHAL

TEACHER AID: Seniors can be a teacher aid for a teacher in the building for one class period/year. No credit is received for this course. Seniors are able to take this course.

CREDIT = 1

CODE = TAID

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JUNIOR HIGH STUDY SKILLS: This course focuses on techniques and learning strategies to improve students' study skills. Emphasis is on students taking organized notes, time management, test-taking strategies, active listening, and everyday social skills. In addition, students will have ongoing opportunities to apply these skills to their daily class work and receive feedback to enhance their study habits.

CODE = SSKIL

JUNIOR HIGH STUDY HALL: Study hall is available to 7th and 8th graders..

CODE = STUDY

ALI LEVEL 2 PROGRAM: The ALI Level 2 Program is for students who perform significantly below grade level in all general education core subject areas. These students require direct and extensive individualized instruction in all subject areas to acquire, maintain, generalize and transfer the skills done in the naturally occurring settings of their life. The curriculum for this program differs from the general education curriculum in that the emphasis is in providing the students with individualized instruction in the academic areas as outlined by the Common Core Essential Elements with daily living skills, personal-social skills, and occupational skills embedded into these areas.

FT. HAYS TECH/NC DUAL CREDIT COURSES

AUTOMOTIVE TECHNOLOGY I (YEAR 1) CODE = AUTOT1

AUTOMOTIVE TECHNOLOGY II (YEAR 2) CODE = AUTOT2

AUTOMOTIVE COLLISION REPAIR I (YEAR 1) CODE = ACREP1

AUTOMOTIVE COLLISION REPAIR II (YEAR 2) CODE = ACREP2

CARPENTRY I (YEAR 1) CODE = CCARPI

CARPENTRY II (YEAR 2) CODE = CCARII

DIESEL TECHNOLOGY I (YEAR 1) CODE = DIESEL

DIESEL TECHNOLOGY II (YEAR 2) CODE = DIESII

PLUMBING, HEATING, AND AIR I (YEAR 1) CODE = HVACI

PLUMBING, HEATING, AND AIR II (YEAR 2) CODE = HVACII

Dual Credit Class Information:

Juniors and seniors in good standing will be allowed to take dual credit classes at Ft. Hays Tech/NC for four class periods each day in the morning. Their grade will be assigned to them by Ft. Hays Tech/NC. The only dual credit exception is Carpentry I/II. This class is taught at BJSHS by Jason Channell. Dual credit means that credit will be received through BHS and through Ft. Hays Tech/NC. Students will have to transport themselves to and from Ft. Hays Tech/NC. To pursue these classes, there is a one-time \$50 application fee payable to Ft. Hays Tech/NC. The student might also incur textbook fees. Enrollment in this class must ultimately be approved by the counselor and principal.

CREDIT = 1/CLASS PERIOD

BELOIT JR./SR. HIGH SCHOOL ENROLLMENT OFFERINGS 2026-2027

BRENNAN L. EILERT - COUNSELOR
(785)738-3593 beilert@usd273.org

English:

English 9 (9)
English 10/Speech (10)
Literature and Composition 10/Speech (10)
Practical English 10/Speech (10)
English 11 (11)
Practical English 11 (11)
 English 12 (12)
Practical English 12 (12)
*Composition I/II (12)

English Electives:

*College Speech (semester class) (11-12)
21st Century Journalism (Trojan Times) (9-12)
Literature Exploration (9-12)

Math:

Algebra IA (9)
Algebra IB (10)
Algebra IC (11)
Algebra I (9-12)
Geometry (9-12)
Algebra II (10-12)

Social Studies:

World Geography (9-10)
World History (9-10)
American History (11)
*College U.S. History I/II (11)
American Gov't./KS History (12)
 *College U.S. Gov't (12)

Social Studies Electives:

Psychology (10-12)
Sociology (10-12)
*College Introduction to Sociology (11-12)
*College Psychology (11-12)
*College Human Growth & Development (11-12)
World History Through Film (10-12)

Physical Education:

Freshman PE (9)
Health (9)
Individual Development (9-12)

Fine Arts:

Varsity Band (9-12)

Trigonometry/Analysis (11-12)
Intermediate College Algebra (sem.class) (11-12)
*College Algebra (semester) (11-12)
*College Calculus (12)
*College Essential Math (12)
*College Statistics (12)

Orchestra (9-12)
Concert Choir (9-12)
Music Theory/*College Music Theory (10-12)
Beginning Piano (9-12)
Art I (9-12)
Advanced Art (10-12)
Creative Art (9-12)
Fundamentals of Drama (9-12)

Science:

Physical Science (9)
Biology (10)
Chemistry (10-12)
Chemistry II (11-12)
Physics (11-12)
*College Human Biology (11-12)
Human Growth & Development B (11-12)
Earth & Space Science (10-12)
Animal Science (10-12)
Plant & Soil Science (10-12)

Foreign Language:

Spanish I (9-12)
Spanish II (10-12)
Spanish III (11-12)
Spanish IV (12)

Education:

*Teaching as a Career (11-12)
Teaching Internship (12)
Foundations to Early Childhood Dvp't. (10-12)

Computer Technology/Business:

Computer Applications (9-12)
Practical Computer Applications (9-12)
Accounting (9-12)
Advanced Accounting (10-12)
College Accounting I (10-12)
Finance-Workplace Experience (11-12)
Advanced Finance-Workplace Exp. (12)
STEM I (9-12)
STEM II (10-12)
 STEM Job Opportunities (11-12)
Entrepreneurship/Business Management (9-12)
Bus. Mgmt. & Entrep. Workplace Exp. (10-12)
Adv. Bus.Mgmt. & Entrp.Workplace Exp. (11-12)
Business Leadership / Digital Marketing (10-12)
Consumer & Personal Finance (12)
Graphic Design (10-12)
Graphic Design Project Management (11-12)
Video Production (10-12)
Digital Media Design & Production (11-12)
Digital MediaProject Management (12)
Photo Imaging/Graph.Des.Fund (Yrbk) (9-12)
Digital Media Technology A/Dig. Med.Tech. B (Yrbk Year 2) (10-12)

Agriculture:

Agriscience (9-12)
Animal Science (10-12)
Veterinary Science (11-12)
Ag Mechanics I (10-12)
Agribusiness (11-12)
Research in Ag (12)
Ag Internship (12)
Ag Welding I (10-12)
Ag Welding II (11-12)
 Ag Fabrication (12)
Plant & Soil Science (10-12)
Hort., Floriculture & Greenhouse Mgmt. (11-12)

Family & Consumer Sciences:

Introduction to Fam. & Cons. Sci. (9-12)
Family Studies (10-12)
Career & Community Connections (12)
Human Growth & Development B (11-12)
Foundations to Early Child.Dvpt. (10-12)

General:

JAG - K (9-12)
College Class Study Hall (11-12)
Individual Studies (Subject to approval) (9-12)
Study Skills (Resource only students) (9-12)
Standards (Resource only students) (9-12)

Industrial Arts:

Woodworking Principles (9-12)
Furniture & Cabinetry Fabrication (10-12)
Advanced Materials Technology (11-12)
Carpentry I (10-12)
Carpentry II (11-12)
CNC Design & Fabrication (9-12)
Workplace Exp. in Arch. & Const. (11-12)
Comp. Wrkplc. Exp. in Arch/Const. (12)

Health Care:

Introduction to Health Care (9-12)
College Medical Terminology (11-12)
Health Care Work Experience (12)

Ft. Hays Tech/NC Dual Credit Classes:

Automotive Technology I (11-12)
Automotive Collision Repair I (11-12)
Carpentry I / II (taught at BHS) (11-12)
Diesel Technology I (11-12)
Plumbing, Heating, & Air Cond. I (11-12)

Concurrent Credit College Class Information:

***Composition I/II** is offered through Ft. Hays Tech/NC for 3 credit hours each semester for a total of 6 credit hours for the year = \$150 due each semester. In order to take this course, students must have an 18+ on ACT Reading **AND** ACT English; **OR** Accuplacer Reading and Writing test score of 255+; **OR** a 3.00+ high school cumulative unweighted GPA after five or more semesters; **OR** 16+ ACT Reading **AND** ACT English **AND** B or higher (**not B-**) in most recent high school English course; **OR** 2.7+ high school cumulative unweighted GPA after 5 or more semesters **AND** B or higher (**not B-**) in most recent high school English course. Taking Composition I/II will substitute as the English 12 course requirement.

***College Speech** is offered through Ft. Hays Tech/NC for 3 credit hours = \$150. This is a one-semester class that is offered each semester. There is no minimum ACT score to qualify for this class.

College Intermediate Algebra is **not** a concurrent credit college class. This course can be taken in order to meet the requirements to get into College Algebra.

***College Algebra** is offered through Ft. Hays Tech/NC for 3 credit hours = \$150. This is a one-semester class offered each semester. In order to take College Algebra, students must have: Math ACT score of 22 or higher; **OR** Accuplacer math score of 263 or higher; **OR** high school cumulative GPA of 3.25 or higher **AND** B- or higher in the second semester of Algebra II.

***College Essential Math** is offered through Ft. Hays Tech/NC for 3 credit hours = \$150. This is a one-semester class offered in the first semester. In order to take College Essential Math, students must have: Math ACT score of 19 or higher; **OR** Accuplacer math score of 255 or higher; **OR** high school cumulative GPA of 3.00 or higher **AND** C- or higher in the second semester of Algebra II.

***College Statistics** is offered through Ft. Hays Tech/NC for 3 credit hours = \$150. This is a one-semester class offered in the second semester. In order to take College Statistics, students must have: Math ACT score of 19 or higher; **OR** Accuplacer math score of 255 or higher; **OR** high school cumulative GPA of 3.00 or higher **AND** C- or higher in the second semester of Algebra II.

***College Consumer & Personal Finance** is offered through CCCC for 3 credit hours = \$234. Students will only pay first semester if they want college credit for this class, but the class will run all year.

***College Calculus** is offered through CCCC for 5 credit hours = \$390. This is a year-long class; students pay the full amount in the first semester and nothing the second semester. Students must have a 25 on the math portion of the ACT and have successfully completed College Algebra in order to take this class.

***College Human Biology** is offered through Ft. Hays Tech/NC for 4 credit hours = \$200. This is a year-long class; students pay the full amount in the first semester and nothing the second semester.

***College U.S. History I/II** is offered through CCCC for 3 credit hours each semester for a total of 6 credit hours for the year = \$234 due each semester. There is no minimum ACT score to qualify for this class. It will substitute as the American History course requirement.

***College U.S. Government** is offered through CCCC for 3 credit hours. Students will only pay first semester (\$234), but the class will run all year. There is no minimum ACT score to qualify for this class. It will substitute as the American Government course requirement.

***College Psychology** is offered through Ft. Hays Tech/NC for 3 credit hours = \$150. This is a one-semester class offered each semester. There is no minimum ACT score to qualify for this class. Many take this class opposite of College Human Growth & Development or College Introduction to Sociology.

***College Human Growth & Development** is offered through Ft. Hays Tech/NC for 3 credit hours = \$150. This is a one-semester class. There is no minimum ACT score to qualify for this class. Many take this class opposite of College Psychology or College Introduction to Sociology.

***College Introduction to Sociology** is offered through Ft. Hays Tech/NC for 3 credit hours = \$150. This is a one-semester class. There is no minimum ACT score to qualify for this class. Many take this class opposite of College Psychology or College Human Growth & Development.

***College Music Theory** is offered through CCCC for 3 credit hours = \$234. Students will only pay first semester, but the class will run all year. Students must have successfully completed Music Theory prior to taking College Music Theory. There is no minimum ACT score to qualify for this class.

***Teaching as a Career** is offered through CCCC for 3 credit hours = \$234. Students will only pay first semester, but the class will run all year. There is no minimum ACT score to qualify for this class.

BELOIT HIGH SCHOOL 2026-2027

CONCURRENT AND DUAL CREDIT OFFERINGS

Ft. Hays Tech/NC: \$50 Application Fee + \$50/credit hour

- ☐ **Composition I** (Semester I = 3 credits) / **Composition II** (Semester 2 = 3 credits)
- ☐ **College Speech** (Semester class offered each semester = 3 credits)
- ☐ **College Essential Math** (Semester 2 = 3 credits)
- ☐ **College Statistics** (Semester 1 = 3 credits)
- ☐ **College Algebra** (Semester class offered each semester = 3 credits)
- ☐ **College Human Biology** (Year-long class = 4 credits)
- ☐ **College Psychology** (Semester class offered each semester = 3 credits)
- ☐ **College Human Growth & Development** (Semester 2 = 3 credits)
- ☐ **College Introduction to Sociology** (Semester 1 = 3 credits)

Dual Credit: Free (except the one-time \$50 application fee & textbook fees that might be assessed)

- ☐ **Carpentry I/Carpentry II** - Mr. Jason Channell @ BJSHS
- ☐ **Welding** - WL100, WL102, WL104, WL110 @ Beloit High School
- ☐ **Automotive Technology** - @ Ft. Hays Tech/NC
- ☐ **Automotive Collision Repair** - @ Ft. Hays Tech/NC
- ☐ **Diesel Technology** - @ Ft. Hays Tech/NC
- ☐ **Information Technology** - @ Ft. Hays Tech/NC
- ☐ **Plumbing, Heating, and Air** - @ Ft. Hays Tech/NC

CCCC: \$78/credit hour

- ☐ **College Analytic Geometry & Calculus I** (Year-long class = 5 credits)
- ☐ **College U.S. History I** (Semester 1 = 3 credits)/**College U.S. History II** (Semester 2 = 3 credits)
- ☐ **College U.S. Government - National** (Year-long class = 3 credits)
- ☐ **College Consumer & Personal Finance** (Year-long class = 3 credits)

- ☐ **Teaching as a Career** (Year-long class = 3 credits)
- ☐ **College Music Theory** (Year-long class = 3 credits)

3 Categories of Academic Achievement at BJSHS: Classes of 2024-2027

<u>Beloit High School Diploma</u>	<u>Kansas BOR Requirements (Qualified Admissions)</u>	<u>Kansas Scholars Curriculum</u>
English: 4 credits - English 9 - Lit. & Comp. 10 OR English 10 OR Practical English 10 - English 11 OR Practical English 11 - English 12 OR Practical English 12 OR *Composition I/II	Six state universities in Kansas use the standards below, set by the Kansas Board of Regents, to review applicants for undergraduate admission.	English: 4 credits - English 9 - Lit. & Comp. 10 OR English 10 - English 11 - English 12 OR *Composition I/II
Math: 3 credits - Algebra IA/IB/IC - Consumer & Personal Finance - Algebra I - Geometry - Algebra II - Trigonometry/Analysis - College Intermediate Algebra *College Algebra *College Calculus *College Essential Math *College Statistics	FHSU, WSU, ESU, PSU: ACT 21+ OR cumulative GPA 2.25+ KSU: ACT 21+ OR cumulative GPA 3.25+ KU: Cumulative GPA 3.25+ (or ACT 21+ AND cumulative GPA 2.0+)	Math: 4 credits - Algebra I* - Geometry - Algebra II - Trig/Analysis OR College Int. Algebra/ *College Alg. OR *College Calculus OR College Statistics. *Algebra I taken in the 8th grade will count toward the 4 credits for this curriculum
Science: 3 credits - Physical Science - Biology - Chemistry I - Chemistry II - Physics - Human Growth and Development B - Earth & Space Science - College Human Biology - Animal Science - Plant & Soil Science	KANSAS SCHOLARS CURRICULUM IS RECOMMENDED BUT NOT REQUIRED.	Science: 3 credits - Biology - Chemistry I - Physics

Social Studies: 3 credits - World Geography OR World History - American History OR College U.S. History I/II - American Government/KS History OR College U.S. Government		Social Studies: 3 credits - World Geography OR World History - American History OR College U.S. History I/II - American Government/KS History OR College U.S. Government
Physical Education: 1 credit Freshman PE/Health OR Ind. Dvp't/Health		Foreign Language: 2 credits - Spanish I - Spanish II
Fine Arts: 1 credit - Fundamentals of Drama - Orchestra - Varsity Band - Concert Choir/Music Theory/College Music Theory/Beginning Piano - Art I, Adv. Art, OR Creative Art		
Computer Technology: 1 credit Computer Applications OR Practical Computer Applications		
Financial Literacy: 1 credit Consumer & Personal Finance OR College Consumer & Personal Finance		
PLUS - 11 Elective Credits for 2024 - 2027		
<u>28 Total Credits</u>		

State universities in Kansas follow Qualified Admissions (QA) criteria when admitting undergraduate students. These criteria are set by the Kansas Board of Regents, the governing body for the six state universities. The purpose of QA is to enhance success at the university level by ensuring students are prepared for the rigors of a university education. The institutions that use QA for admission are: Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, University of Kansas, and Wichita State University.	What is the benefit of completing the Kansas Scholars Curriculum? Students that complete this curriculum and meet the other requirements, may be designated as State Scholars, which makes one eligible to receive the Kansas State Scholarship as provided by the Kansas Legislature. The academic profile of recent scholars include an average ACT of 30 and an average GPA of 3.91. State Scholars may receive up to \$1,000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program), based on financial need and the availability of State funds. Financial need is measured by federal methodology using data submitted on the FAFSA.
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3 Categories of Academic Achievement at BJSHS: Classes of 2028 and Below

<u>Beloit High School Diploma</u>	<u>Kansas BOR Requirements (Qualified Admissions)</u>	<u>Kansas Scholars Curriculum</u>
English: 4 credits - English 9 - Lit. & Comp. 10 OR English 10 OR Pract. English 10 - English 11 OR Pract. English 11 - English 12 OR Pract. English 12 OR *Composition I/II	Six state universities in Kansas use the standards below, set by the Kansas Board of Regents, to review applicants for undergraduate admission.	English: 4 credits - English 9 - Lit. & Comp. 10 OR English 10 - Lit. & Comp. 11 OR English 11 - English 12 OR *Composition I/II
Math: 3 credits - Algebra IA/IB/IC - Consumer & Personal Finance - Algebra I - Geometry - Algebra II - Trigonometry/Analysis - College Intermediate Algebra *College Algebra *College Calculus *College Essential Math *College Statistics	FHSU, WSU, ESU, PSU: ACT 21+ OR cumulative GPA 2.25+ KSU: ACT 21+ OR cumulative GPA 3.25+ KU: Cumulative GPA 3.25+ (or ACT 21+ AND cumulative GPA 2.0+)	Math: 4 credits - Algebra I* - Geometry - Algebra II - Trig/Analysis OR College Int. Algebra/ *College Alg. OR *College Calculus OR College Statistics *Algebra I taken in the 8th grade will count toward the 4 credits for this curriculum
Science: 3 credits - Physical Science - Biology - Chemistry I - Chemistry II - Physics - Human Growth and Development B - Earth & Space Science - College Human Biology - Animal Science - Plant & Soil Science	KANSAS SCHOLARS CURRICULUM IS RECOMMENDED BUT NOT REQUIRED.	Science: 3 credits - Biology - Chemistry I - Physics
Social Studies: 3 credits - World Geography OR World History - American History OR College U.S. History I/II - American Government/KS History OR		Social Studies: 3 credits World Geography OR World History

College U.S. Government		- American History OR College U.S. History I/II - American Government/KS History OR College U.S. Government
Physical Education: 1 credit Freshman PE/Health OR Ind. Dvp't/Health		Foreign Language: 2 credits - Spanish I - Spanish II
Fine Arts: 1 credit - Fundamentals of Drama - Orchestra - Varsity Band - Concert Choir/Music Theory/College Music Theory, Beginning Piano - Art, Advanced Art, Creative Art		
Computer Technology / STEM: 1 credit Computer Applications OR Practical Computer Applications		
Financial Literacy: 1 credit Consumer & Personal Finance OR College Consumer & Personal Finance		
4.5 IPS Choice Credits		
2 Postsecondary Assets		
PLUS - 6.5 Elective Credits		
<u>28 Total Credits</u>		

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